



VESTAS ENVENTUS V172 MIT 175 M NABENHÖHE, WINDZONE S,
25 JAHRE ENTWURFSLEBENSDAUER

Gutachtliche Stellungnahme für Lastannahmen zur Turmberechnung der Vestas Turbinen

Vestas Wind Systems A/S

Berichtsnr.: L-08867b-A052-1

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Ziel:

Gutachterliche Stellungnahme für Lastannahmen zur Turmberechnung der EnVentus V172 der Firma Vestas mit einer Nabenhöhe von 175 m (Entwurfslebensdauer 25 Jahre) für Windzone S.
Der gegebene Turmname ist HACAF00.

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Schlüsselworte:

Vestas Turbine EnVentus V172, DIBt-Richtlinie: 2012-10, Lastannahmen

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APPENDIX A - PRÜFUNTERLAGEN



1 ZUSAMMENFASSUNG

Die aufgeführten Lastannahmen werden für die Windenergieanlagen EnVentus V172 der Firma Vestas mit einer Nabenhöhe von 175 m, für DIBt S angenommen.

Die Richtigkeit der vorgelegten Lasten, sowie die Übereinstimmung der Lasten mit den Anforderungen der DIBt "Richtlinie für Windenergieanlagen, Einwirkungen und Standsicherheitsnachweise für Turm und Gründung", Fassung Oktober 2012 wurden anhand von Plausibilitätsprüfungen unter Berücksichtigung der dimensionierenden Eingangsdaten geprüft und soweit vorliegend bestätigt.

2 ZERTIFIZIERUNGSSCHEMA (NORMEN UND RICHTLINIEN)

Dokument No.	Revision	Titel
DIBT-Richtlinie	2012-10	Richtlinie für Windenergieanlagen Einwirkungen und Standsicherheitsnachweise für Turm und Gründung

3 PRÜFUNTERLAGEN

Die Unterlagen für die Windenergieanlage EnVentus V172 mit 175 m Nabenhöhe der Firma Vestas sind in Appendix A aufgeführt.



4 BEWERTUNGSGRUNDLAGEN

4.1 Umweltbedingungen für die Lastannahmen

Die Windbedingungen der Vestas EnVentus V172 mit 175 m Nabenhöhe sind entsprechend der Windklasse S gemäß DIBt 2012 angesetzt.

Parameter	EnVentus V172 mit einer Nabenhöhe von 175 m
Jahresmittel der Windgeschwindigkeit in Nabenhöhe	7,2 m/s
Weibull k-Parameter	2
50-Jahres-Wind, Vm50 (10 min) in Nabenhöhe	38,00 m/s
1-Jahres-Wind, Vm1 (10 min) in Nabenhöhe	30,40 m/s
Luftdichte	1,225kg/m ³
Geländeneigung	8°
Geländerauigkeitsexponent (normale Bedingungen)	0,27
Geländerauigkeitsexponent (extreme Bedingungen)	0,11
Umgebungsturbulenzintensität nach IEC 61400-1 für NTM	Siehe Tabelle 1
Umgebungsturbulenzintensität I_{ref} nach IEC 61400-1 für ETM	0,16
Erdbebenzone	Erdbebenzone 3; Bedeutungskategorie II, Baugrundklassen A, B, C mit den geologischen Untergrundklassen R, T, S nach DIN EN 1998-1/NA:2011-01 Tabelle NA.4

Wind Geschwindigkeit [m/s]	NTM Fatigue [-]	NTM Extreme [-]
2	0.560	0.462
4	0.340	0.280
6	0.281	0.219
8	0.243	0.189
10	0.216	0.170
12	0.168	0.158
14	0.147	0.150
16	0.136	0.143
18	0.129	0.138
20	0.124	0.134
22	0.122	0.131
24	0.118	0.128
26	0.116	0.126
28	0.114	0.124



Wind Geschwindigkeit [m/s]	NTM Fatigue [-]	NTM Extreme [-]
30	0.112	0.122
32	0.110	0.120
34	0.109	0.119
36	0.108	0.118
41	0.105	0.115

Table 4-1 Turbulenzintensität für NTM.

Der Einfluss der Turbulenzintensität aufgrund der Nachlaufströmung benachbarter Anlagen ist in den o.g. Angaben nicht berücksichtigt.

4.2 Anlagendaten für die Lastannahmen

Beschreibung	EnVentus V172 mit einer Nabenhöhe von 175 m
Nennleistung	6,8 MW / 7,2 MW
Rotordurchmesser	172 m
Einschaltgeschwindigkeit	3,0 m/s
Nennwindgeschwindigkeit	10,8 m/s / 11,2 m/s
Abschaltgeschwindigkeit	25,0 m/s
Nennrotordrehzahl	9,18 rpm / 9,57 rpm
Nabenhöhe	175 m
Stahl-Beton Hybrid Turm mit 1. Biegeeigenfrequenz mit	
Steifer Einspannung	0,193 Hz
Weicher Einspannung	0,181 Hz
Rechnerische Lebensdauer	25 Jahre
Version des Reglers	2022.05



4.3 Gültigkeit für die Lastannahmen

Turbine	EnVentus V172
Nabenhöhe	175 m
Hybrid Turm	HACAF00
Eigenfrequenzbereich des Turmes	[0.172; 0.203] Hz
Dynamischen Drehfedersteifigkeit des Gesamtsystems aus Boden und Fundament	siehe [5], Tabelle 5-1 und 5-2
Mindestabständen von Windturbinen zu einander, solange die folgenden Bedingungen laut Kapitel 7.3.3 der DIBt-Richtlinie erfüllt sind.	<p>Der Abstand der Turmachsen benachbarter Windenergieanlagen darf den 8-fachen Rotor-durchmesser für $V_{m50} \leq 40$ m/s auf Nabenhöhe nicht unterschreiten</p> <p>Der Abstand der Turmachsen benachbarter Windenergieanlagen darf den 5-fachen Rotor-durchmesser für $V_{m50} \geq 45$ m/s auf Nabenhöhe nicht unterschreiten.</p> <p>Zwischenwerte von V_{m50} ist der Abstand linear zu interpolieren.</p>

5 PRÜFBEMERKUNGEN FÜR DIE LASTANNAHMEN

Extremlastfälle:

Die Übereinstimmung der Extremlastfälle wurde mit der DIBt-Richtlinie „Richtlinie für Windenergieanlagen: Einwirkungen und Standsicherheitsnachweise für Turm und Gründung“; Oktober 2012 bei Anwendung standortspezifischer Windbedingungen geprüft. Die Extremlasten sind in den Vestas Wind System A/S Berichten gemäß DIBt-Richtlinie einschließlich Lastsicherheitsbeiwerten aufgeführt.

Erdbebenlasten wurden nach DIN EN 1998-1/2010-10 und NA/2011-01 für die Untergrundverhältnisse nach Tabelle NA.4 im nationalen Anhang zur DIN EN 1998-1 berechnet und geprüft.

Betriebsfestigkeit:

Die Lastannahmen für den Betriebsfestigkeitsnachweis basieren auf die DIBt-Richtlinie: „Richtlinie für Windenergieanlagen; Einwirkungen und Standsicherheitsnachweise für Turm und Gründung“; Fassung Oktober 2012. Die Lastkollektive wurden mit dem Vestas Turbinen Simulator (VTS), Version VTS002, des aeroelastischen PC-Programmes Flex5 berechnet und für den Turmkopf, den Turmfuß sowie für unterschiedliche Turmschnitte angegeben. Die Fundamentlasten sind gesondert im Dokument [5] aufgeführt. Die Berechnung der Betriebsfestigkeitslasten wurde unter Berücksichtigung eines dreidimensionalen Turbulenzfeldes durchgeführt.

6 OFFENE PUNKTE

Die Turmzeichnung wurde weder bei DNV eingereicht noch bewertet. Aus diesem Grund muss die statische Abbildung des Turms im Lastmodell zusammen mit der Turmbewertung verifiziert werden.



7 SCHLUSSBEMERKUNG

Die aufgeführten Lastannahmen werden für die Windenergieanlagen EnVentus V172 mit 175 m Nabenhöhe der Firma Vestas, für DIBt S angenommen.

Wirbelerregte Querschwingungen auf die Turmlasten wurden nicht berücksichtigt. Einwirkungen daraus sollten bei der Turmauslegung betrachtet werden. Das Inbetriebnahmehandbuch muss die Verhinderung unzulässiger Turmschwingungen, wie von Vestas definiert, beschreiben. Die Transportlasten wurden nicht berücksichtigt. Erdbebenlasten wurden nach DIN EN 1998-1/2010-10 und NA/2011-01 berechnet und geprüft, siehe Abschnitt 4.1 (Umweltbedingungen).

Es wurden keine Ride-Through Lastfälle (Stützung der Netzspannung durch Windenergieanlagen bei Netzstörung) bei Spannungsabfall definiert oder berechnet. Ride-Through Lastfälle bei Spannungsabfall sind nicht Bestandteil dieses Gutachtens.

Turmzeichnungen lagen für die Prüfung nicht vor. Die Überprüfung des Turm-Simulationsmodells zur Berechnung der Betriebsfestigkeits- und Extremlasten wurde mittels Vergleich zu den Turmmodelldaten im Turmdokument [4] vollzogen.

Die Lasten sind gültig für die in Abschnitt 4 sowie im folgenden gelisteten Bedingungen:

- Beiträge aus Eigengewichtsmomenten aufgrund von Schiefstellung der Turmachse sind nicht in den ausgewiesenen Lasten enthalten. Diese Lasten müssen später den extremalen Auslegungslasten für Turm- und Gründung gemäß Anforderungen in DIBt [1], Abschnitt 7.4.1 hinzugefügt werden.
- die aufgeführten Windgeschwindigkeiten in Abschnitt 4.1 müssen die Windgeschwindigkeiten gemäß DIN EN1991-1-4/NA abdecken.
- Dass sich das Lastniveau bei gleichen externen Bedingungen nach dem Typenzertifizierungsprozess (Validierung der Lastannahmen durch Lastmessungen) nicht erhöht.

Die Richtigkeit der vorgelegten Lasten, sowie die Übereinstimmung der Lasten mit den Anforderungen der DIBt "Richtlinie für Windenergieanlagen, Einwirkungen und Standsicherheitsnachweise für Turm und Gründung", Fassung Oktober 2012 wurden anhand von Plausibilitätsprüfungen unter Berücksichtigung der dimensionierenden Eingangsdaten geprüft und soweit vorliegend bestätigt.



APPENDIX A - PRÜFUNTERLAGEN

Prüfung der Vestas EnVentus V172-6.8 / 7.2 MW mit 175 m Nabenhöhe, Windzone S

Beschreibung der geprüften EnVentus V172-6.8 / 7.2 Windenergieanlage

Die Vestas EnVentus V172-6.8 / 7.2 MW ist eine mit Getriebe und Dauermagnet Synchrongenerator ausgestattete, pitch geregelte, luv seitig angeströmte Windenergieanlage, mit variabler Rotorgeschwindigkeit. Die EnVentus V172-6.8 / 7.2 MW unterstützt zwei Leistungsstufen, 6.8 MW und 7.2 MW. Die hier geprüfte Variante hat einen Stahl-Beton Hybrid Turm mit einer Nabenhöhe von 175 m. Die Lasten wurden nach DIBt Klasse S geprüft.

Schnittstelle zu anderen Gewerken

Beiträge aus Eigengewichtsmomenten aufgrund von Schiefstellung der Turmachse sind nicht in den ausgewiesenen Lasten enthalten. Diese Lasten müssen später den extremalen Auslegungslasten für Turm- und Gründung gemäß Anforderungen in DIBt [1], Abschnitt 7.4.1 hinzugefügt werden.

Turmzeichnungen lagen für die Prüfung nicht vor. Die Überprüfung des Turm-Simulationsmodells zur Berechnung der Betriebsfestigkeits- und Extremlasten wie Turmdokument [4] angegeben muss später bei Vorlage der Zeichnung überprüft werden.

Basis der Prüfung

Angewandte Normen und Richtlinien:

Document No.	Revision	Title
[1] DIBt	2012	Richtlinie für Windenergieanlagen

Die Prüfung der Lasten basiert auf:

Document No.	Version	Title
[2] 0086-8845	11	IEC 61400-1 and DIBt 2012 Vestas design load case interpretation – generic document

Prüfunterlagen

Liste der Dokumente:

Document No.	Revision	Title
[3] 0139-5798	00	Combine Load Spectrum, EV172-6.8/7.2MW Mk1C, DIBtS, 175m, 50/60Hz, GS
[4] 0138-4584	01	Combine Tower Loads – HACAF00, EV172-6.8/7.2MW, Mk1C, DIBtS, HH175m, 50/60Hz, GS
[5] 0138-8633	00	Combine Foundation Loads – HACAF00, EV172-6.8/7.2MW, Mk1C, HH175m, 50/60Hz, GS
[6] 0132-1883	02	Maintenance Loads Overview– HACAF00, EnVentus EV162 & EV172
[7] 0139-7647	00	Load Extrapolation Report, EV172-6.8/7.2MW EnV Mk1C, DIBt(S), HH175m
[8] 0112-2952	04	Turbine Configuration & Operational Properties EnVentus Mk1B/C



Zeichnungen:

Document No.	Revision	Title
-	-	-

Referenzdokumente (informativ):

Document No.	Revision	Title
[9] 0106-8091	02	Design Basis, Enventus Mk1B/C
[10] 0110-2938	02	Controller Specification, EnVentus Mk1B/C



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CLASS T05



Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

2024-07-03 10:03 UTC - y.foerster@vestas.de - Yvonne Förster
Original Instruction: T05-0138-8633-VER-00

Combine Foundation Loads - HACAF00

EV172-6.8/7.2 MW, Mk1C, DIBtS, HH175 m

50/60 Hz, GS



CMS 00091 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/ERIE



Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Version History

VERSION:	DATE:	CHANGE:
00	2023.01.19	New document.

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0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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1. Introduction

This document presents the foundation loads from the EV172-6.8/7.2 MW, GS, HH 175, DIBtS HACAF00 load spectrum. The loads are simulated in accordance with DIBt - Richtlinie für Windenergieanlagen Ed. October 2012, ref. [A]. Tower used for calculating the loads can be found in ref. [B].

Reference	Description	Doc No.
[A]	DIBt - Richtlinie für Windenergieanlagen Ed. October 2012	
[B]	Tower drawing	N/A

Table 1-1 Reference to documents.

Ref.	Simulation Path
[1]	EV172 6.8MW DIBt HH175 20yrs HACAF00 soft
	Postloads folder: H:\ENVENTUS\Mk1a\Variants\F1A\TowerIterations\14_mk1c_wk45_2022\2_Loads_and_PC\Wk45\GC\MK1C_EV172_6800kW_HH175_dibt_STD_20y_HACAF00_soft\Loads\Postloads\
[2]	EV172 6.8MW DIBt HH175 20yrs HACAF00 stiff
	Postloads folder: H:\ENVENTUS\Mk1a\Variants\F1A\TowerIterations\14_mk1c_wk45_2022\2_Loads_and_PC\Wk45\GC\MK1C_EV172_6800kW_HH175_dibt_STD_20y_HACAF00_stiff\Loads\Postloads\
[3]	EV172 6.8MW DIBt HH175 25yrs HACAF00 soft
	Postloads folder: H:\ENVENTUS\Mk1a\Variants\F1A\TowerIterations\14_mk1c_wk45_2022\2_Loads_and_PC\Wk45\GC\MK1C_EV172_6800kW_HH175_dibt_STD_25y_HACAF00_soft\Loads\Postloads\
[4]	EV172 6.8MW DIBt HH175 25yrs HACAF00 stiff
	Postloads folder: H:\ENVENTUS\Mk1a\Variants\F1A\TowerIterations\14_mk1c_wk45_2022\2_Loads_and_PC\Wk45\GC\MK1C_EV172_6800kW_HH175_dibt_STD_25y_HACAF00_stiff\Loads\Postloads\
[5]	EV172 7.2MW DIBt HH175 20yrs HACAF00 soft
	Postloads folder: H:\ENVENTUS\Mk1a\Variants\F1A\TowerIterations\14_mk1c_wk45_2022\2_Loads_and_PC\Wk45\GC\MK1C_EV172_7200kW_HH175_dibt_STD_20y_HACAF00_soft\Loads\Postloads\
[6]	EV172 7.2MW DIBt HH175 20yrs HACAF00 stiff
	Postloads folder: H:\ENVENTUS\Mk1a\Variants\F1A\TowerIterations\14_mk1c_wk45_2022\2_Loads_and_PC\Wk45\GC\MK1C_EV172_7200kW_HH175_dibt_STD_20y_HACAF00_stiff\Loads\Postloads\
[7]	EV172 7.2MW DIBt HH175 25yrs HACAF00 soft
	Postloads folder: H:\ENVENTUS\Mk1a\Variants\F1A\TowerIterations\14_mk1c_wk45_2022\2_Loads_and_PC\Wk45\GC\MK1C_EV172_7200kW_HH175_dibt_STD_25y_HACAF00_soft\Loads\Postloads\
[8]	EV172 7.2MW DIBt HH175 25yrs HACAF00 stiff
	Postloads folder: H:\ENVENTUS\Mk1a\Variants\F1A\TowerIterations\14_mk1c_wk45_2022\2_Loads_and_PC\Wk45\GC\MK1C_EV172_7200kW_HH175_dibt_STD_25y_HACAF00_stiff\Loads\Postloads\

Table 1-2 Reference to simulations.

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2. Extreme loads

Foundation loads components at the instant of extreme resulting bending moment are given in beneath table. Own weight moment contribution due to tower out of vertical is not included.

Loads are given at height: 2.65m

Mbt1: Resulting bending moment. $\text{SQRT}(\text{Mxt1}^2 + \text{Myt1}^2)$ (also M_{res})
Lead LC/Family

Characteristic Extreme								
Lead	LC/Family	PLF	Type	Mbt	Mzt	FndFr	Fzt	Ref
Sensor	[-]	[-]	[-]	[kNm]	[kNm]	[kN]	[kN]	[-]
Mbt	23CoEogvra30(fam182)	1.10	Abs	278600.00	-5273.00	1800.05	-21494.70	[5]
Mzt	21RPYVoa00(fam133)	1.35	Abs	58167.72	-12639.15	438.46	-21221.00	[2]
FndFr	1316etm00(fam89)	1.35	Abs	197100.00	-3382.32	2024.30	-21434.93	[2]
Fzt	61E50a00000(fam308)	1.50	Abs	50435.75	1663.82	508.47	-21259.85	[1]

Table 2-1 Characteristic Extreme (excl. PLF). Load cases sorted with PLF.

Characteristic Extreme								
Lead	LC/Family	PLF	Type	Mbt	Mzt	FndFr	Fzt	Ref
Sensor	[-]	[-]	[-]	[kNm]	[kNm]	[kN]	[kN]	[-]
Mbt	23CoEogvra30(fam182)	1.10	Abs	278600.00	-5273.00	1800.05	-21494.70	[5]
Mzt	21RPYVoa00(fam133)	1.35	Abs	58167.72	-12639.15	438.46	-21221.00	[2]
FndFr	1316etm00(fam89)	1.35	Abs	197100.00	-3382.32	2024.30	-21434.93	[2]
Fzt	1314etm00(fam88)	1.35	Abs	122400.00	3546.54	644.06	-21619.63	[5]

Table 2-2 Characteristic Extreme (excl. PLF). Load cases sorted without PLF.

Characteristic Extreme								
Lead	LC/Family	PLF	Type	Mbt	Mzt	FndFr	Fzt	Ref
Sensor	[-]	[-]	[-]	[kNm]	[kNm]	[kN]	[kN]	[-]
Mbt	23CoEogvra30(fam182)	1.10	Abs	278600.00	-5273.00	1800.05	-21494.70	[5]
Mzt	22REYHWO2b00(fam171)	1.10	Abs	74407.05	-11540.74	598.25	-21258.26	[1]
FndFr	23CoEogVrp20(fam189)	1.10	Abs	266200.00	-4098.04	2134.04	-21452.80	[5]
Fzt	62E50a16000(fam311)	1.10	Abs	84186.00	-2631.34	736.40	-21577.74	[1]

Table 2-3 Characteristic Extreme (excl. PLF). Only load cases with PLF = 1.10.

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Characteristic Extreme								
Lead	LC/Family	PLF	Type	Mbt	Mzt	FndFr	Fzt	Ref
Sensor	[-]	[-]	[-]	[kNm]	[kNm]	[kN]	[kN]	[-]
Mbt	32PREogVrp(fam238)	1.35	Abs	226700.00	-2746.77	1433.76	-21408.94	[5]
Mzt	21RPYVoa00(fam133)	1.35	Abs	58167.72	-12639.15	438.46	-21221.00	[2]
FndFr	1316etm00(fam89)	1.35	Abs	197100.00	-3382.32	2024.30	-21434.93	[2]
Fzt	1314etm00(fam88)	1.35	Abs	122400.00	3546.54	644.06	-21619.63	[5]

Table 2-4 Characteristic Extreme (excl. PLF). Only load cases with PLF = 1.35.

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3. Production loads

The production loads are calculated for the main sensors of the foundation. The following loads are calculated.

- Char. load** Characteristic Extreme (excl. PLF, Load cases sorted without PLF). Only load cases with PLF = 1.35 and 1.50 are included in the evaluation.
- Prob.: 1e-2** Load level with an exceedance probability of 1e-2
- Prob.: 1e-4** Load level with an exceedance probability of 1e-4

Production loads							
		Char. load	Prob.:1e-2	Prob.:1e-4	Ref		
M _{res}	[kNm]	226700.00	169694.44	192492.36	[5]	[8]	[2]
M _z	[kNm]	-12639.15	-5230.93	-8041.29	[2]	[5]	[5]
F _{res}	[kN]	2024.30	1141.89	1481.59	[2]	[2]	[2]
F _z	[kN]	-21619.63	-21515.44	-21568.02	[5]	[5]	[1]

Table 3-1 Production loads.

4. Fatigue loads

For the foundation, the mean loads have to be considered. The mean loads must be combined with either the equivalent loads or the fatigue load spectrum.

Loads are given at height: 2.65m

The equivalent loads given may be used only if the material property can be characterized by an S/N-curve with the same slope as given for the equivalent loads.

Equivalent and Mean Fatigue Foundation Loads							
		Mean load	Range m = 4	Range m = 7	Ref		
F _y	[kN]	498.71	1449.71	1269.35	[7]	[2]	[2]
M _x	[kNm]	-85073.59	98703.3	95429.32	[7]	[2]	[2]
M _z	[kNm]	-895.70	11758.10	11207.68	[5]	[5]	[5]

Table 4-1 Fatigue loads for N=1E7 cycles.

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5. Stiffness of foundation

The soft tower loads (refs. [1], [3], [5] and [7]) have been calculated for a foundation stiffness of $C_{\varphi, dyn} = 199$ GNm/rad, corresponding to a nominal tower frequency of 0.181 Hz (gravity corrected). The stiff tower loads (refs. [2], [4], [6] and [8]) have been calculated for a foundation stiffness of $C_{\varphi, dyn} = 1001$ GNm/rad, corresponding to a nominal tower frequency of 0.193 Hz (gravity corrected).

The spring stiffness of the foundation must be at least $C_{\varphi, dyn} \geq 65$ GNm/rad for soft towers (refs. [1], [3], [5] and [7]) and $C_{\varphi, dyn} \geq 186$ GNm/rad for stiff towers (refs. [2], [4], [6] and [8]) for loads to be valid. Concurrent values for rotational and lateral stiffness of the foundation are given in Table 5-1 and Table 5-2.

Concurrent values for rotational and lateral stiffness										
Rotational stiffness	[GNm/rad]	186	223	287	368	473	607	779	898	1000
Lateral stiffness	[MN/m]	313	54.7	26.6	18.7	15.8	14.7	13.2	12.2	12.2

Table 5-1 Minimum lateral stiffness (stiff tower – refs. [2], [4], [6] and [8]).

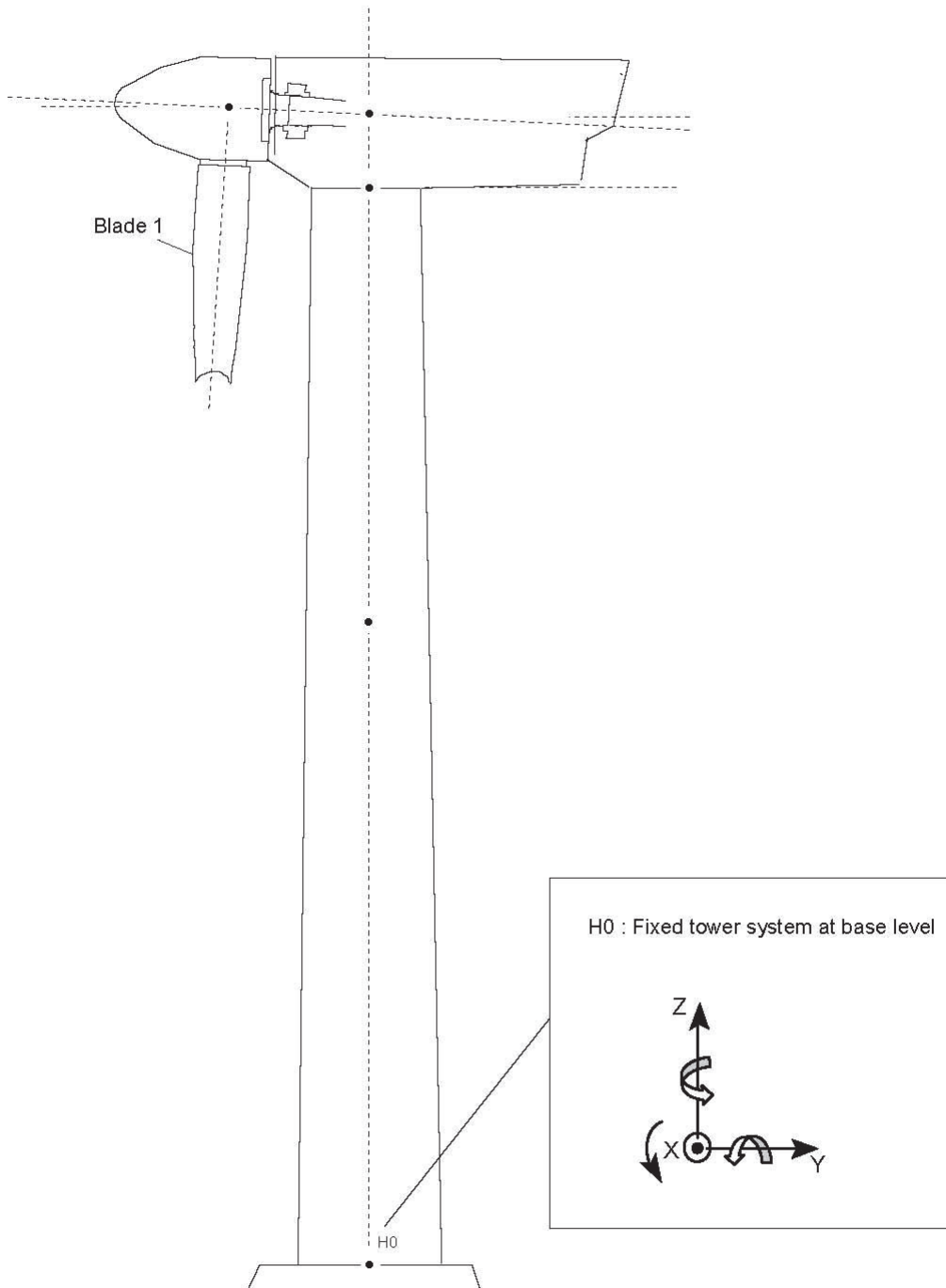
Concurrent values for rotational- and lateral stiffness										
Rotational stiffness	[GNm/rad]	65	76	89	105	123	145	170	183	200
Lateral stiffness	[MN/m]	313	23	13.2	10.2	8.1	7.1	6.7	6.3	6.3

Table 5-2 Minimum lateral stiffness (soft tower – refs. [1], [3], [5] and [7]).

Due to the foundation stiffness, the tower frequency varies between 0.183 Hz and 0.195 Hz for the stiff tower and between 0.163 Hz and 0.190 Hz for the soft tower.

Overall, the natural frequency of the tower must be within the frequency interval [0.172; 0.203] Hz (+/- 5%) for the loads in this document to be valid.

Appendix A. Co-ordinate systems





Appendix B. Markov matrices – issued from [1]

This appendix contains the Markov Matrices for the shear force, the bending moment and the torsional moment in the bottom of the tower, from ref. [1]. Foundation design must be verified for the most critical Markov matrices.

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.6371	0.0000	1.6972	1.1875	0.0000	5.3942	1.1027	0.0000	1.4297	8.2797	0.0000	1.6972	9.0246	3.6913	1.6972
E+03	E+00	E-01	E+05	E+00	E+00	E+04	E+00	E+01	E+02	E+00	E-01	E+04	E+03	E-01
1.5702	0.0000	8.0833	1.1108	1.9694	2.6971	9.9645	9.0126	2.6971	7.1332	0.0000	1.0557	9.0246	0.0000	6.4802
E+03	E+00	E-02	E+05	E+04	E+00	E+03	E+02	E+00	E+02	E+00	E+00	E+04	E+00	E-01
1.5034	5.8806	2.6971	1.1108	6.5647	8.0913	9.4333	0.0000	2.6971	6.7511	0.0000	6.4802	8.6061	3.6913	5.1697
E+03	E+01	E+00	E+05	E+03	E+00	E+03	E+00	E+00	E+02	E+00	E-01	E+04	E+03	E+00
1.5034	0.0000	1.0557	1.1108	0.0000	1.1591	8.9020	3.1544	2.6971	6.3689	7.1963	4.0307	8.1875	1.4765	1.6972
E+03	E+00	E+00	E+05	E+00	E+01	E+03	E+03	E+00	E+02	E+01	E+00	E+04	E+04	E-01
1.4366	5.8806	4.4636	1.0341	2.6259	2.6971	8.3707	9.0126	2.6971	6.3689	0.0000	7.2505	8.1875	3.6913	1.6667
E+03	E+01	E+00	E+05	E+04	E+00	E+03	E+02	E+00	E+02	E+00	E+00	E+04	E+03	E+02
1.4366	0.0000	3.1708	1.0341	6.5647	8.0913	8.3707	0.0000	3.5000	5.9868	3.9579	8.5839	8.1875	0.0000	1.0226
E+03	E+00	E+01	E+05	E+03	E+00	E+03	E+00	E+00	E+02	E+02	E+01	E+04	E+00	E-01
1.3697	2.3522	2.6971	1.0341	0.0000	1.8591	7.8394	3.1544	2.6971	5.9868	3.5981	5.2561	7.7690	1.1074	6.4802
E+03	E+02	E+00	E+05	E+00	E+01	E+03	E+03	E+00	E+02	E+01	E+00	E+04	E+04	E-01
1.3697	5.8806	2.9400	9.5743	1.9694	2.6971	7.8394	9.0126	2.6971	5.9868	0.0000	4.9483	7.7690	7.3825	2.2681
E+03	E+01	E+01	E+04	E+04	E+00	E+03	E+02	E+00	E+02	E+00	E+01	E+04	E+03	E+00
1.3697	0.0000	2.3210	9.5743	6.5647	8.8942	7.8394	0.0000	3.3410	5.6046	7.1963	1.6972	7.7690	3.6913	5.0000
E+03	E+00	E+02	E+04	E+03	E+00	E+03	E+00	E+02	E+02	E+01	E-01	E+04	E+03	E+00
1.3029	1.1761	1.1281	9.5743	0.0000	5.0006	7.3081	9.0126	2.6971	5.6046	3.5981	2.1114	7.3504	1.8456	6.4802
E+03	E+02	E+03	E+04	E+00	E+01	E+03	E+02	E+00	E+02	E+01	E+00	E+04	E+04	E-01
1.3029	5.8806	4.9837	8.8073	2.6259	7.0000	7.3081	4.5063	1.7328	5.6046	0.0000	5.4372	7.3504	0.0000	1.5343
E+03	E+01	E+03	E+04	E+04	E+00	E+03	E+02	E+02	E+02	E+00	E+02	E+04	E+00	E+01
1.3029	0.0000	2.0116	8.8073	1.9694	2.6971	7.3081	0.0000	2.0255	5.2225	2.5187	5.0000	6.9319	3.3221	8.5839
E+03	E+00	E+04	E+04	E+04	E+00	E+03	E+00	E+03	E+02	E+02	E+00	E+04	E+04	E+01
1.2360	6.4686	8.5215	8.8073	1.3129	6.1971	6.7768	3.6050	7.1607	5.2225	1.4393	5.1023	6.9319	2.5839	2.2681
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E+00
1.2360	4.7044	2.9824	8.8073	6.5647	6.1971	6.7768	2.7038	3.5000	5.2225	1.0794	1.2500	6.9319	1.8456	6.4802
E+03	E+02	E+01	E+04	E+03	E+00	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E-01
1.2360	2.9403	2.1321	8.8073	0.0000	5.4683	6.7768	1.3519	7.0000	5.2225	3.5981	2.8877	6.9319	7.3825	1.4107
E+03	E+02	E+02	E+04	E+00	E+01	E+03	E+03	E+00	E+02	E+01	E+01	E+04	E+03	E+01
1.2360	2.3522	5.3942	8.0402	4.5953	2.6971	6.7768	9.0126	1.0557	5.2225	0.0000	7.3462	6.9319	3.6913	2.4378
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+02	E+00	E+02	E+00	E+02	E+04	E+03	E+00
1.2360	1.7642	5.6806	8.0402	1.9694	1.0788	6.7768	4.5063	6.5035	4.8403	2.5187	1.6667	6.9319	0.0000	1.3722
E+03	E+02	E+02	E+04	E+04	E+01	E+03	E+02	E+02	E+02	E+02	E+02	E+04	E+00	E+01
1.2360	1.1761	1.7274	8.0402	1.3129	9.6971	6.7768	0.0000	4.3270	4.8403	2.1589	2.4184	6.5134	1.1074	8.0833
E+03	E+02	E+04	E+04	E+04	E+00	E+03	E+00	E+03	E+02	E+02	E-02	E+04	E+04	E-02
1.2360	5.8806	2.0342	8.0402	6.5647	4.3894	6.2456	7.6607	3.5000	4.8403	1.4393	3.8881	6.5134	7.3825	1.7037
E+03	E+01	E+04	E+04	E+03	E+01	E+03	E+03	E+00	E+02	E+02	E-03	E+04	E+03	E+00
1.2360	0.0000	6.3293	8.0402	0.0000	7.9999	6.2456	5.4076	3.5000	4.8403	1.0794	1.5000	6.5134	3.6913	9.8756
E+03	E+00	E+04	E+04	E+00	E+01	E+03	E+03	E+00	E+02	E+02	E+01	E+04	E+03	E+00
1.1692	3.5283	4.0643	7.2731	5.2518	2.6971	6.2456	3.1544	3.5000	4.8403	7.1963	6.4802	6.5134	0.0000	2.8373
E+03	E+02	E+02	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+01	E-01	E+04	E+00	E+01
1.1692	2.9403	1.7421	7.2731	3.2824	5.3942	6.2456	1.3519	1.6972	4.8403	3.5981	5.1352	6.0948	5.5369	1.6972
E+03	E+02	E+03	E+04	E+04	E+00	E+03	E+03	E-01	E+02	E+01	E+01	E+04	E+04	E-01
1.1692	2.3522	9.7105	7.2731	2.6259	7.0000	6.2456	9.0126	6.4865	4.8403	0.0000	3.9320	6.0948	4.7987	2.2681
E+03	E+02	E+03	E+04	E+04	E+00	E+03	E+02	E+01	E+02	E+00	E+02	E+04	E+04	E+00
1.1692	1.7642	2.4670	7.2731	1.9694	3.5808	6.2456	4.5063	1.1930	4.4582	3.9579	1.6972	6.0948	3.3221	1.6972
E+03	E+02	E+04	E+04	E+04	E+00	E+03	E+02	E+03	E+02	E+02	E-01	E+04	E+04	E-01

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.1692	1.1761	8.5502	7.2731	1.3129	2.2091	6.2456	0.0000	4.5656	4.4582	2.8785	8.0833	6.0948	2.9530	2.2530
E+03	E+02	E+04	E+04	E+04	E+01	E+03	E+00	E+03	E+02	E+02	E-02	E+04	E+04	E+00
1.1692	5.8806	2.2399	7.2731	6.5647	4.4630	5.7143	8.1113	1.0557	4.4582	2.5187	5.1697	6.0948	2.5839	1.6972
E+03	E+01	E+05	E+04	E+03	E+01	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E-01
1.1692	0.0000	4.1174	7.2731	0.0000	9.0830	5.7143	7.2101	5.4590	4.4582	1.7991	5.0000	6.0948	2.2148	1.4760
E+03	E+00	E+05	E+04	E+00	E+01	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+00
1.1023	7.0567	2.6971	6.5061	7.8777	2.6971	5.7143	6.3088	3.5000	4.4582	1.4393	5.0000	6.0948	1.8456	6.4802
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E-01
1.1023	4.7044	8.1721	6.5061	5.2518	2.6971	5.7143	4.9569	3.5000	4.4582	1.0794	4.4675	6.0948	1.4765	1.3523
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E+00
1.1023	4.1164	2.6409	6.5061	3.2824	3.5000	5.7143	3.6050	2.6971	4.4582	7.1963	1.8702	6.0948	1.1074	7.9010
E+03	E+02	E+03	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+01	E+02	E+04	E+04	E+00
1.1023	3.5283	2.6971	6.5061	2.6259	7.0000	5.7143	3.1544	3.7227	4.4582	3.5981	1.3723	6.0948	7.3825	2.3489
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+01	E+02	E+04	E+03	E+00
1.1023	2.9403	4.9452	6.5061	1.9694	1.0500	5.7143	2.2532	5.9649	4.4582	0.0000	1.2225	6.0948	3.6913	2.1131
E+03	E+02	E+03	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+00	E+03	E+04	E+03	E+01
1.1023	2.3522	2.6828	6.5061	1.3129	2.6394	5.7143	1.8025	5.3942	4.0760	3.9579	6.4802	6.0948	0.0000	4.6471
E+03	E+02	E+04	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+02	E-01	E+04	E+00	E+01
1.1023	1.7642	1.2916	6.5061	6.5647	4.2369	5.7143	9.0126	2.2210	4.0760	2.8785	2.2681	5.6763	4.7987	4.4636
E+03	E+02	E+05	E+04	E+03	E+01	E+03	E+02	E+01	E+02	E+02	E+00	E+04	E+04	E+00
1.1023	1.1761	3.6284	6.5061	0.0000	1.2389	5.7143	4.5063	4.5269	4.0760	2.5187	1.6972	5.6763	4.0604	8.1774
E+03	E+02	E+05	E+04	E+00	E+02	E+03	E+02	E+03	E+02	E+02	E-01	E+04	E+04	E-01
1.1023	5.8806	1.0932	5.7390	1.7068	1.3485	5.7143	0.0000	2.0597	4.0760	2.1589	1.0000	5.6763	3.6913	1.6972
E+03	E+01	E+06	E+04	E+05	E+00	E+03	E+00	E+04	E+02	E+02	E+01	E+04	E+04	E-01
1.1023	0.0000	1.4789	5.7390	1.3786	4.0457	5.1830	5.8582	1.9106	4.0760	1.4393	7.0154	5.6763	2.9530	1.9363
E+03	E+00	E+06	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+01
1.0355	1.3525	1.3485	5.7390	7.8777	2.6971	5.1830	5.4076	2.6971	4.0760	1.0794	1.0750	5.6763	2.5839	1.0173
E+03	E+03	E+00	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+02	E+01	E+04	E+04	E+01
1.0355	1.2349	1.3485	5.7390	6.5647	3.5000	5.1830	4.9569	1.4297	4.0760	7.1963	2.9286	5.6763	2.2148	7.7192
E+03	E+03	E+00	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+01	E+01	E+04	E+04	E+00
1.0355	8.8208	2.1313	5.7390	4.5953	8.0913	5.1830	4.0557	1.7043	4.0760	3.5981	8.5432	5.6763	1.8456	1.2864
E+03	E+02	E+02	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+01	E+02	E+04	E+04	E+01
1.0355	8.2328	2.6971	5.7390	3.9388	6.1971	5.1830	3.6050	1.2500	4.0760	0.0000	2.7495	5.6763	1.4765	2.4042
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+00	E+03	E+04	E+04	E+01
1.0355	7.0567	1.0599	5.7390	3.2824	9.6971	5.1830	3.1544	1.8293	3.6938	3.9579	5.2785	5.6763	1.1074	1.8265
E+03	E+02	E+03	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+04	E+02
1.0355	6.4686	2.6971	5.7390	2.6259	6.1971	5.1830	2.7038	2.0184	3.6938	3.2383	6.4802	5.6763	7.3825	1.3729
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+03	E+01
1.0355	5.8806	4.0845	5.7390	1.9694	1.0144	5.1830	1.8025	1.8293	3.6938	2.8785	1.0000	5.6763	3.6913	2.2553
E+03	E+02	E+02	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+03	E+01
1.0355	5.2925	7.7942	5.7390	1.3129	4.2369	5.1830	1.3519	7.3946	3.6938	2.5187	6.8980	5.6763	0.0000	2.4510
E+03	E+02	E+03	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+00	E+02
1.0355	4.7044	6.1307	5.7390	6.5647	4.7728	5.1830	9.0126	2.7064	3.6938	2.1589	1.9917	5.2577	4.4295	1.0557
E+03	E+02	E+03	E+04	E+03	E+01	E+03	E+02	E+02	E+02	E+02	E+02	E+04	E+04	E+00
1.0355	4.1164	8.6713	5.7390	0.0000	1.6120	5.1830	4.5063	6.3969	3.6938	1.7991	6.2500	5.2577	4.0604	1.8162
E+03	E+02	E+03	E+04	E+00	E+02	E+03	E+02	E+03	E+02	E+02	E+00	E+04	E+04	E+01
1.0355	3.5283	1.0350	4.9720	1.5755	1.7500	5.1830	0.0000	6.6405	3.6938	1.4393	1.6352	5.2577	3.6913	6.1673
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+00	E+04	E+02	E+02	E+01	E+04	E+04	E+00
1.0355	2.9403	6.6846	4.9720	1.5099	8.4927	4.6517	1.4420	1.7500	3.6938	1.0794	1.5081	5.2577	3.3221	6.4802
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+04	E-01
1.0355	2.3522	2.6732	4.9720	1.4442	1.7500	4.6517	8.5620	1.6667	3.6938	7.1963	1.3338	5.2577	2.9530	2.2811
E+03	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+01	E+02	E+04	E+04	E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.0355	1.7642	7.7031	4.9720	1.3786	4.8485	4.6517	8.1113	1.6972	3.6938	3.5981	2.2092	5.2577	2.5839	1.8128
E+03	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E-01	E+02	E+01	E+03	E+04	E+04	E+01
1.0355	1.1761	1.9482	4.9720	1.3129	4.0457	4.6517	7.6607	4.9289	3.6938	0.0000	4.2849	5.2577	2.2148	6.1761
E+03	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+00	E+03	E+04	E+04	E+00
1.0355	5.8806	3.9620	4.9720	1.2473	4.4471	4.6517	6.7595	9.5772	3.3117	5.7570	2.0833	5.2577	1.8456	3.8282
E+03	E+01	E+06	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E+01
1.0355	0.0000	5.3143	4.9720	1.1817	1.7500	4.6517	5.8582	4.0213	3.3117	5.0374	8.0833	5.2577	1.4765	5.7344
E+03	E+00	E+06	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E-02	E+04	E+04	E+00
9.6865	1.4701	1.3485	4.9720	9.1906	2.6971	4.6517	5.4076	8.8104	3.3117	4.6776	2.4378	5.2577	1.1074	2.4914
E+02	E+03	E+00	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+01
9.6865	1.2937	5.6000	4.9720	7.8777	2.6971	4.6517	4.9569	8.9808	3.3117	4.3178	6.4802	5.2577	7.3825	1.9678
E+02	E+03	E+02	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E-01	E+04	E+03	E+02
9.6865	1.2349	5.3942	4.9720	7.2212	3.5000	4.6517	4.5063	2.6971	3.3117	3.5981	5.0000	5.2577	3.6913	2.5294
E+02	E+03	E+00	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+03	E+02
9.6865	1.1173	4.0239	4.9720	6.5647	3.5000	4.6517	4.0557	7.5860	3.3117	3.2383	5.0000	5.2577	0.0000	4.9931
E+02	E+03	E+02	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+00	E+02
9.6865	9.9969	1.1200	4.9720	5.2518	3.5000	4.6517	3.6050	6.2427	3.3117	2.8785	8.0833	4.8392	8.4899	6.4802
E+02	E+02	E+03	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E-02	E+04	E+04	E-01
9.6865	9.4089	4.2335	4.9720	4.5953	7.0808	4.6517	2.7038	7.6692	3.3117	2.5187	8.5744	4.8392	8.1208	1.0417
E+02	E+02	E+03	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+00
9.6865	8.8208	1.8123	4.9720	3.9388	3.5000	4.6517	2.2532	9.2141	3.3117	2.1589	1.8638	4.8392	7.0134	6.4802
E+02	E+02	E+03	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E-01
9.6865	8.2328	7.4478	4.9720	3.2824	7.4471	4.6517	1.8025	1.2493	3.3117	1.7991	2.6673	4.8392	6.6443	1.7168
E+02	E+02	E+03	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+02
9.6865	7.6447	6.9468	4.9720	2.6259	1.7500	4.6517	1.3519	3.1477	3.3117	1.4393	2.8510	4.8392	5.9060	8.4860
E+02	E+02	E+03	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E-02
9.6865	7.0567	3.2410	4.9720	1.9694	4.0119	4.6517	9.0126	5.4076	3.3117	1.0794	1.8625	4.8392	5.1678	7.1114
E+02	E+02	E+04	E+04	E+04	E+01	E+03	E+02	E+03	E+02	E+02	E+01	E+04	E+04	E+00
9.6865	6.4686	5.2013	4.9720	1.3129	6.0797	4.6517	4.5063	4.5073	3.3117	7.1963	1.8009	4.8392	4.7987	8.0025
E+02	E+02	E+04	E+04	E+04	E+01	E+03	E+02	E+04	E+02	E+01	E+02	E+04	E+04	E+00
9.6865	5.8806	8.3809	4.9720	6.5647	7.0908	4.6517	0.0000	1.9613	3.3117	3.5981	2.5623	4.8392	4.4295	1.8734
E+02	E+02	E+04	E+04	E+03	E+01	E+03	E+00	E+05	E+02	E+01	E+03	E+04	E+04	E+00
9.6865	5.2925	2.0530	4.9720	0.0000	1.9499	4.1204	1.1266	8.5215	3.3117	0.0000	1.4073	4.8392	4.0604	5.0182
E+02	E+02	E+05	E+04	E+00	E+03	E+03	E+04	E+00	E+02	E+00	E+04	E+04	E+04	E+00
9.6865	4.7044	3.3503	4.2049	1.5099	1.7500	4.1204	9.0126	9.9078	2.9295	9.7150	5.0000	4.8392	3.6913	1.9304
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+01
9.6865	4.1164	3.7710	4.2049	1.3786	3.5000	4.1204	7.6607	8.8570	2.9295	8.9953	1.6972	4.8392	3.3221	5.0972
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E-01	E+04	E+04	E+01
9.6865	3.5283	6.2432	4.2049	1.3129	3.0985	4.1204	7.2101	8.8104	2.9295	7.9159	2.2681	4.8392	2.9530	2.1837
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+01
9.6865	2.9403	8.2621	4.2049	1.2473	6.5985	4.1204	6.7595	9.7309	2.9295	7.1963	1.6972	4.8392	2.5839	1.9335
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E-01	E+04	E+04	E+02
9.6865	2.3522	1.4570	4.2049	1.1817	3.5000	4.1204	6.3088	1.7088	2.9295	6.1168	1.6972	4.8392	2.2148	1.8716
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E-01	E+04	E+04	E+02
9.6865	1.7642	3.5061	4.2049	1.1160	1.7500	4.1204	5.8582	4.4787	2.9295	5.7570	7.5242	4.8392	1.8456	4.7617
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+01
9.6865	1.1761	7.4278	4.2049	9.1906	1.7500	4.1204	5.4076	1.1169	2.9295	5.3972	1.5094	4.8392	1.4765	3.7414
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+01
9.6865	5.8806	1.3086	4.2049	7.8777	7.0000	4.1204	4.9569	1.4828	2.9295	5.0374	9.2868	4.8392	1.1074	1.0579
E+02	E+01	E+07	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+02
9.6865	0.0000	1.3478	4.2049	6.5647	7.0000	4.1204	4.5063	3.4414	2.9295	4.6776	1.1572	4.8392	7.3825	1.1833
E+02	E+00	E+07	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+03	E+01

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
9.0181 E+02	1.4113 E+03	1.3485 E+00	4.2049 E+04	5.9083 E+04	6.1971 E+00	4.1204 E+03	4.0557 E+03	4.5305 E+03	2.9295 E+02	4.3178 E+02	2.1545 E+01	4.8392 E+04	3.6913 E+03	5.7425 E+02
9.0181 E+02	1.3525 E+03	1.4257 E+03	4.2049 E+04	5.2518 E+04	7.0000 E+00	4.1204 E+03	3.6050 E+03	1.6078 E+02	2.9295 E+02	3.5981 E+02	1.0024 E+01	4.8392 E+04	0.0000 E+00	5.5127 E+03
9.0181 E+02	1.2937 E+03	1.6105 E+03	4.2049 E+04	4.5953 E+04	2.9894 E+01	4.1204 E+03	3.1544 E+03	6.3775 E+03	2.9295 E+02	3.2383 E+02	1.9170 E+02	4.4206 E+04	7.0134 E+04	1.0557 E+00
9.0181 E+02	1.2349 E+03	2.7612 E+02	4.2049 E+04	3.9388 E+04	2.8288 E+01	4.1204 E+03	2.7038 E+03	2.9435 E+03	2.9295 E+02	2.8785 E+02	7.4276 E+00	4.4206 E+04	6.6443 E+04	6.1140 E+00
9.0181 E+02	1.1761 E+03	1.9594 E+03	4.2049 E+04	3.2824 E+04	2.6184 E+01	4.1204 E+03	2.2532 E+03	9.8456 E+03	2.9295 E+02	2.5187 E+02	3.2292 E+01	4.4206 E+04	6.2752 E+04	5.0864 E+00
9.0181 E+02	1.1173 E+03	6.7967 E+03	4.2049 E+04	2.6259 E+04	3.8705 E+01	4.1204 E+03	1.8025 E+03	2.9661 E+04	2.9295 E+02	2.1589 E+02	3.7003 E+02	4.4206 E+04	5.9060 E+04	9.4378 E+00
9.0181 E+02	1.0585 E+03	1.2604 E+04	4.2049 E+04	1.9694 E+04	6.3564 E+01	4.1204 E+03	1.3519 E+03	1.1370 E+04	2.9295 E+02	1.7991 E+02	1.3321 E+01	4.4206 E+04	5.5369 E+04	6.4802 E-01
9.0181 E+02	9.9969 E+02	1.4267 E+04	4.2049 E+04	1.3129 E+04	1.0854 E+02	4.1204 E+03	9.0126 E+02	3.8680 E+04	2.9295 E+02	1.4393 E+02	5.5118 E+01	4.4206 E+04	5.1678 E+04	1.0557 E+00
9.0181 E+02	9.4089 E+02	3.0353 E+04	4.2049 E+04	6.5647 E+03	1.6769 E+02	4.1204 E+03	4.5063 E+02	1.6123 E+05	2.9295 E+02	1.0794 E+02	1.2673 E+02	4.4206 E+04	4.7987 E+04	1.7806 E+02
9.0181 E+02	8.8208 E+02	5.2809 E+04	4.2049 E+04	0.0000 E+00	1.3950 E+04	4.1204 E+03	0.0000 E+00	5.0061 E+05	2.9295 E+02	7.1963 E+01	1.1898 E+03	4.4206 E+04	4.4295 E+04	1.9907 E+02
9.0181 E+02	8.2328 E+02	9.7460 E+04	3.4378 E+04	1.5099 E+05	1.7500 E+00	3.5892 E+03	1.5772 E+04	1.3485 E+00	2.9295 E+02	3.5981 E+01	1.0428 E+04	4.4206 E+04	4.0604 E+04	3.8593 E+01
9.0181 E+02	7.6447 E+02	2.1098 E+05	3.4378 E+04	1.4442 E+05	4.8485 E+00	3.5892 E+03	1.0815 E+04	1.7500 E+00	2.9295 E+02	0.0000 E+00	2.5073 E+04	4.4206 E+04	3.6913 E+04	1.9193 E+02
9.0181 E+02	7.0567 E+02	4.5176 E+05	3.4378 E+04	1.3786 E+05	7.6250 E+00	3.5892 E+03	9.9139 E+03	4.6353 E+01	2.5474 E+02	1.1874 E+03	6.4802 E-01	4.4206 E+04	3.3221 E+04	3.2334 E+01
9.0181 E+02	6.4686 E+02	7.5255 E+05	3.4378 E+04	1.3129 E+05	1.0500 E+01	3.5892 E+03	9.4632 E+03	2.8594 E+01	2.5474 E+02	1.0435 E+03	1.0417 E+00	4.4206 E+04	2.9530 E+04	2.0376 E+02
9.0181 E+02	5.8806 E+02	1.2533 E+06	3.4378 E+04	1.2473 E+05	1.7500 E+00	3.5892 E+03	9.0126 E+03	4.0307 E+00	2.5474 E+02	1.0075 E+03	1.0557 E+00	4.4206 E+04	2.5839 E+04	1.8271 E+02
9.0181 E+02	5.2925 E+02	1.9522 E+06	3.4378 E+04	1.1817 E+05	1.4368 E+01	3.5892 E+03	8.5620 E+03	1.5492 E+02	2.5474 E+02	8.6355 E+02	4.4636 E+00	4.4206 E+04	2.2148 E+04	3.8412 E+02
9.0181 E+02	4.7044 E+02	2.9685 E+06	3.4378 E+04	1.1160 E+05	1.1849 E+01	3.5892 E+03	8.1113 E+03	1.2654 E+03	2.5474 E+02	8.2757 E+02	6.4802 E-01	4.4206 E+04	1.8456 E+04	2.3567 E+02
9.0181 E+02	4.1164 E+02	4.0015 E+06	3.4378 E+04	1.0504 E+05	7.5456 E+00	3.5892 E+03	7.6607 E+03	7.7020 E+01	2.5474 E+02	7.9159 E+02	4.0307 E+00	4.4206 E+04	1.4765 E+04	9.8511 E+01
9.0181 E+02	3.5283 E+02	4.8418 E+06	3.4378 E+04	9.8471 E+04	6.1971 E+00	3.5892 E+03	7.2101 E+03	9.7522 E+02	2.5474 E+02	7.5561 E+02	1.8727 E+01	4.4206 E+04	1.1074 E+04	4.8721 E+02
9.0181 E+02	2.9403 E+02	5.9307 E+06	3.4378 E+04	9.1906 E+04	5.2500 E+00	3.5892 E+03	6.7595 E+03	1.1380 E+03	2.5474 E+02	7.1963 E+02	1.2960 E+00	4.4206 E+04	7.3825 E+03	6.3268 E+02
9.0181 E+02	2.3522 E+02	6.9833 E+06	3.4378 E+04	8.5342 E+04	5.7956 E+00	3.5892 E+03	6.3088 E+03	8.5633 E+03	2.5474 E+02	6.8364 E+02	9.5500 E+00	4.4206 E+04	3.6913 E+03	4.3299 E+03
9.0181 E+02	1.7642 E+02	1.0617 E+07	3.4378 E+04	7.8777 E+04	2.6971 E+00	3.5892 E+03	5.8582 E+03	2.0865 E+03	2.5474 E+02	6.4766 E+02	1.7339 E+02	4.4206 E+04	0.0000 E+00	1.8072 E+04
9.0181 E+02	1.1761 E+02	1.7067 E+07	3.4378 E+04	7.2212 E+04	1.4000 E+01	3.5892 E+03	5.4076 E+03	1.1778 E+03	2.5474 E+02	6.1168 E+02	1.2500 E+00	4.0021 E+04	1.4765 E+05	8.4860 E-02
9.0181 E+02	5.8806 E+01	2.6435 E+07	3.4378 E+04	6.5647 E+04	1.6778 E+01	3.5892 E+03	4.9569 E+03	7.2148 E+02	2.5474 E+02	5.7570 E+02	1.7274 E+01	4.0021 E+04	7.7517 E+04	5.2785 E-01
9.0181 E+02	0.0000 E+00	2.4107 E+07	3.4378 E+04	5.9083 E+04	1.6697 E+01	3.5892 E+03	4.5063 E+03	4.8370 E+03	2.5474 E+02	5.3972 E+02	1.1756 E+01	4.0021 E+04	7.3825 E+04	1.6972 E-01
8.3497 E+02	2.2346 E+03	2.2318 E+00	3.4378 E+04	5.2518 E+04	3.4644 E+01	3.5892 E+03	4.0557 E+03	5.8794 E+03	2.5474 E+02	5.0374 E+02	1.7411 E+01	4.0021 E+04	7.0134 E+04	1.4039 E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.3497 E+02	1.8230 E+03	4.4052 E+02	3.4378 E+04	4.5953 E+04	2.5919 E+01	3.5892 E+03	3.6050 E+03	2.2090 E+04	2.5474 E+02	4.6776 E+02	3.5966 E+01	4.0021 E+04	6.6443 E+04	6.4802 E-01
8.3497 E+02	1.7054 E+03	4.0417 E-02	3.4378 E+04	3.9388 E+04	1.6697 E+01	3.5892 E+03	3.1544 E+03	1.4621 E+04	2.5474 E+02	4.3178 E+02	1.2216 E+01	4.0021 E+04	6.2752 E+04	2.0432 E+00
8.3497 E+02	1.5877 E+03	1.1200 E+03	3.4378 E+04	3.2824 E+04	9.1276 E+01	3.5892 E+03	2.7038 E+03	3.6954 E+04	2.5474 E+02	3.9579 E+02	1.3528 E+02	4.0021 E+04	5.9060 E+04	1.0557 E+00
8.3497 E+02	1.5289 E+03	7.5917 E+02	3.4378 E+04	2.6259 E+04	7.9170 E+01	3.5892 E+03	2.2532 E+03	2.6087 E+04	2.5474 E+02	3.5981 E+02	1.7802 E+02	4.0021 E+04	5.5369 E+04	1.5122 E+01
8.3497 E+02	1.4701 E+03	8.0522 E+02	3.4378 E+04	1.9694 E+04	1.0725 E+02	3.5892 E+03	1.8025 E+03	6.3586 E+04	2.5474 E+02	3.2383 E+02	1.9185 E+02	4.0021 E+04	5.1678 E+04	2.1284 E+01
8.3497 E+02	1.4113 E+03	2.3693 E+03	3.4378 E+04	1.3129 E+04	2.2619 E+02	3.5892 E+03	1.3519 E+03	9.9674 E+04	2.5474 E+02	2.8785 E+02	3.1929 E+01	4.0021 E+04	4.7987 E+04	1.7154 E+02
8.3497 E+02	1.3525 E+03	2.1166 E+03	3.4378 E+04	6.5647 E+03	5.7002 E+03	3.5892 E+03	9.0126 E+02	1.4506 E+05	2.5474 E+02	2.5187 E+02	2.0761 E+02	4.0021 E+04	4.4295 E+04	2.0134 E+02
8.3497 E+02	1.2937 E+03	2.8207 E+03	3.4378 E+04	0.0000 E+00	3.0979 E+04	3.5892 E+03	4.5063 E+02	4.7561 E+05	2.5474 E+02	2.1589 E+02	5.5835 E+01	4.0021 E+04	4.0604 E+04	1.9888 E+02
8.3497 E+02	1.2349 E+03	5.9375 E+03	2.6708 E+04	1.4442 E+05	1.3485 E+00	3.5892 E+03	0.0000 E+00	9.5725 E+05	2.5474 E+02	1.7991 E+02	5.7971 E+01	4.0021 E+04	3.6913 E+04	1.9956 E+02
8.3497 E+02	1.1761 E+03	4.4848 E+03	2.6708 E+04	1.3786 E+05	2.3750 E+00	3.0579 E+03	1.8025 E+04	1.7500 E+00	2.5474 E+02	1.4393 E+02	2.3036 E+03	4.0021 E+04	3.3221 E+04	5.9126 E+02
8.3497 E+02	1.1173 E+03	2.5130 E+04	2.6708 E+04	1.3129 E+05	3.0985 E+00	3.0579 E+03	1.7124 E+04	1.3485 E+00	2.5474 E+02	1.0794 E+02	2.4269 E+03	4.0021 E+04	2.9530 E+04	3.9578 E+02
8.3497 E+02	1.0585 E+03	4.6908 E+04	2.6708 E+04	1.2473 E+05	5.2500 E+00	3.0579 E+03	1.4871 E+04	2.2722 E+00	2.5474 E+02	7.1963 E+01	6.5974 E+03	4.0021 E+04	2.5839 E+04	6.6600 E+02
8.3497 E+02	9.9969 E+02	6.2912 E+04	2.6708 E+04	1.1817 E+05	6.0192 E+00	3.0579 E+03	1.3970 E+04	6.2500 E-01	2.5474 E+02	3.5981 E+01	3.1701 E+04	4.0021 E+04	2.2148 E+04	3.5928 E+02
8.3497 E+02	9.4089 E+02	1.6720 E+05	2.6708 E+04	1.1160 E+05	6.5985 E+00	3.0579 E+03	1.1716 E+04	6.6542 E-01	2.5474 E+02	0.0000 E+00	7.2151 E+04	4.0021 E+04	1.8456 E+04	6.2527 E+02
8.3497 E+02	8.8208 E+02	2.1541 E+05	2.6708 E+04	1.0504 E+05	4.8485 E+00	3.0579 E+03	1.1266 E+04	3.5000 E+00	2.1652 E+02	1.3673 E+03	6.4802 E-01	4.0021 E+04	1.4765 E+04	8.0112 E+02
8.3497 E+02	8.2328 E+02	4.0870 E+05	2.6708 E+04	9.8471 E+04	4.4471 E+00	3.0579 E+03	1.0815 E+04	1.3485 E+00	2.1652 E+02	1.1154 E+03	3.1390 E+00	4.0021 E+04	1.1074 E+04	5.4083 E+02
8.3497 E+02	7.6447 E+02	5.9560 E+05	2.6708 E+04	9.1906 E+04	8.5721 E+00	3.0579 E+03	1.0364 E+04	2.9460 E+02	2.1652 E+02	1.0794 E+03	1.7168 E+02	4.0021 E+04	7.3825 E+04	1.8222 E+03
8.3497 E+02	7.0567 E+02	9.1616 E+05	2.6708 E+04	7.8777 E+04	2.5517 E+01	3.0579 E+03	9.9139 E+03	1.7043 E+01	2.1652 E+02	1.0075 E+03	4.0307 E+00	4.0021 E+04	3.6913 E+04	7.9520 E+03
8.3497 E+02	6.4686 E+02	1.3982 E+06	2.6708 E+04	7.2212 E+04	1.8447 E+01	3.0579 E+03	9.4632 E+03	1.5434 E+01	2.1652 E+02	9.7150 E+02	2.0833 E+00	4.0021 E+04	0.0000 E+00	8.7291 E+04
8.3497 E+02	5.8806 E+02	2.2851 E+06	2.6708 E+04	6.5647 E+04	9.0681 E+01	3.0579 E+03	9.0126 E+03	5.4671 E+01	2.1652 E+02	9.3551 E+02	5.4071 E+00	3.5836 E+04	1.3289 E+05	1.6972 E-01
8.3497 E+02	5.2925 E+02	3.3614 E+06	2.6708 E+04	5.9083 E+04	6.6026 E+01	3.0579 E+03	8.5620 E+03	8.0089 E+02	2.1652 E+02	8.9953 E+02	1.8078 E+02	3.5836 E+04	9.9664 E+04	4.0307 E+00
8.3497 E+02	4.7044 E+02	4.9059 E+06	2.6708 E+04	5.2518 E+04	5.6194 E+01	3.0579 E+03	8.1113 E+03	6.5915 E+01	2.1652 E+02	8.6355 E+02	3.2198 E+00	3.5836 E+04	7.7517 E+04	6.4802 E-01
8.3497 E+02	4.1164 E+02	6.5673 E+06	2.6708 E+04	4.5953 E+04	4.3962 E+01	3.0579 E+03	7.6607 E+03	1.3159 E+03	2.1652 E+02	8.2757 E+02	4.2252 E+00	3.5836 E+04	7.0134 E+04	2.1897 E+00
8.3497 E+02	3.5283 E+02	7.9840 E+06	2.6708 E+04	3.9388 E+04	1.1616 E+02	3.0579 E+03	7.2101 E+03	4.9858 E+03	2.1652 E+02	7.9159 E+02	1.7537 E+02	3.5836 E+04	6.6443 E+04	4.8030 E+00
8.3497 E+02	2.9403 E+02	8.2873 E+06	2.6708 E+04	3.2824 E+04	2.4517 E+02	3.0579 E+03	6.7595 E+03	9.8750 E+03	2.1652 E+02	7.5561 E+02	3.3370 E+01	3.5836 E+04	6.2752 E+04	1.4755 E+01
8.3497 E+02	2.3522 E+02	9.9745 E+06	2.6708 E+04	2.6259 E+04	4.9089 E+02	3.0579 E+03	6.3088 E+03	9.6479 E+03	2.1652 E+02	7.1963 E+02	3.6722 E+00	3.5836 E+04	5.9060 E+04	1.4658 E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.3497 E+02	1.7642 E+02	1.4633 E+07	2.6708 E+04	1.9694 E+04	3.8369 E+03	3.0579 E+03	5.8582 E+03	6.8584 E+03	2.1652 E+02	6.8364 E+02	2.4213 E+01	3.5836 E+04	5.5369 E+04	4.0457 E+01
8.3497 E+02	1.1761 E+02	2.4126 E+07	2.6708 E+04	1.3129 E+04	4.2612 E+03	3.0579 E+03	5.4076 E+03	1.1480 E+04	2.1652 E+02	6.4766 E+02	2.6264 E+01	3.5836 E+04	5.1678 E+04	1.8995 E+02
8.3497 E+02	5.8806 E+01	3.6017 E+07	2.6708 E+04	6.5647 E+03	2.8348 E+04	3.0579 E+03	4.9569 E+03	2.7493 E+04	2.1652 E+02	6.1168 E+02	2.8719 E+01	3.5836 E+04	4.7987 E+04	7.9061 E+01
8.3497 E+02	0.0000 E+00	3.2244 E+07	2.6708 E+04	0.0000 E+00	7.7874 E+04	3.0579 E+03	4.5063 E+03	5.0786 E+04	2.1652 E+02	5.7570 E+02	3.9784 E+01	3.5836 E+04	4.4295 E+04	3.5342 E+02
7.6812 E+02	2.1758 E+03	8.5215 E+00	1.9037 E+04	1.6412 E+05	4.0417 E-02	3.0579 E+03	4.0557 E+03	5.7593 E+04	2.1652 E+02	5.3972 E+02	5.0856 E+01	3.5836 E+04	4.0604 E+04	5.1621 E+02
7.6812 E+02	1.9994 E+03	8.8104 E+02	1.9037 E+04	1.5755 E+05	6.6542 E-01	3.0579 E+03	3.6050 E+03	6.9683 E+04	2.1652 E+02	5.0374 E+02	2.2962 E+01	3.5836 E+04	3.6913 E+04	1.1255 E+02
7.6812 E+02	1.8230 E+03	4.4052 E+02	1.9037 E+04	1.4442 E+05	1.9735 E+00	3.0579 E+03	3.1544 E+03	6.7965 E+04	2.1652 E+02	4.6776 E+02	4.5704 E+01	3.5836 E+04	3.3221 E+04	4.2769 E+02
7.6812 E+02	1.6466 E+03	3.3640 E+03	1.9037 E+04	1.3786 E+05	6.2500 E-01	3.0579 E+03	2.7038 E+03	1.1182 E+05	2.1652 E+02	4.3178 E+02	4.1722 E+02	3.5836 E+04	2.9530 E+04	5.4467 E+02
7.6812 E+02	1.5877 E+03	3.8134 E+02	1.9037 E+04	1.3129 E+05	1.3485 E+00	3.0579 E+03	2.2532 E+03	9.7306 E+04	2.1652 E+02	3.9579 E+02	4.2604 E+02	3.5836 E+04	2.5839 E+04	1.5968 E+03
7.6812 E+02	1.5289 E+03	2.8221 E+03	1.9037 E+04	1.2473 E+05	6.2500 E-01	3.0579 E+03	1.8025 E+03	7.8798 E+04	2.1652 E+02	3.5981 E+02	2.3598 E+02	3.5836 E+04	2.2148 E+04	7.7582 E+02
7.6812 E+02	1.4701 E+03	2.4629 E+03	1.9037 E+04	1.1817 E+05	3.6250 E+00	3.0579 E+03	1.3519 E+03	1.6189 E+05	2.1652 E+02	3.2383 E+02	3.6413 E+02	3.5836 E+04	1.8456 E+04	1.7337 E+03
7.6812 E+02	1.4113 E+03	1.0988 E+03	1.9037 E+04	1.1160 E+05	1.9735 E+00	3.0579 E+03	9.0126 E+02	2.5668 E+05	2.1652 E+02	2.8785 E+02	5.4082 E+02	3.5836 E+04	1.4765 E+04	2.4964 E+03
7.6812 E+02	1.3525 E+03	1.1566 E+04	1.9037 E+04	1.0504 E+05	3.5000 E+00	3.0579 E+03	4.5063 E+02	8.2906 E+05	2.1652 E+02	2.5187 E+02	6.5353 E+02	3.5836 E+04	1.1074 E+04	2.5265 E+03
7.6812 E+02	1.2937 E+03	1.5919 E+04	1.9037 E+04	9.8471 E+04	3.5404 E+00	3.0579 E+03	0.0000 E+00	2.1705 E+06	2.1652 E+02	2.1589 E+02	2.6142 E+02	3.5836 E+04	7.3825 E+03	4.9333 E+03
7.6812 E+02	1.2349 E+03	2.2564 E+04	1.9037 E+04	9.1906 E+04	4.8485 E+00	2.5266 E+03	1.8476 E+04	2.7295 E+01	2.1652 E+02	1.7991 E+02	5.4746 E+02	3.5836 E+04	3.6913 E+03	2.4546 E+04
7.6812 E+02	1.1761 E+03	4.8414 E+04	1.9037 E+04	8.5342 E+04	2.1769 E+01	2.5266 E+03	1.8025 E+04	7.1485 E+00	2.1652 E+02	1.4393 E+02	9.7302 E+02	3.5836 E+04	0.0000 E+00	3.3820 E+05
7.6812 E+02	1.1173 E+03	4.8914 E+04	1.9037 E+04	7.8777 E+04	1.3485 E+00	2.5266 E+03	1.3068 E+04	1.7500 E+00	2.1652 E+02	1.0794 E+02	8.5271 E+03	3.1650 E+04	1.6611 E+05	3.2401 E-01
7.6812 E+02	1.0585 E+03	7.2329 E+04	1.9037 E+04	7.2212 E+04	4.8866 E+01	2.5266 E+03	1.2618 E+04	4.9703 E+01	2.1652 E+02	7.1963 E+01	3.1373 E+04	3.1650 E+04	1.5134 E+05	3.2401 E-01
7.6812 E+02	9.9969 E+02	1.2513 E+05	1.9037 E+04	6.5647 E+04	8.2502 E+01	2.5266 E+03	1.1716 E+04	2.0154 E+00	2.1652 E+02	3.5981 E+01	1.1950 E+05	3.1650 E+04	1.4396 E+05	1.6972 E-01
7.6812 E+02	9.4089 E+02	1.7873 E+05	1.9037 E+04	5.9083 E+04	1.3392 E+02	2.5266 E+03	1.1266 E+04	5.4630 E+01	2.1652 E+02	0.0000 E+00	2.2670 E+05	3.1650 E+04	1.4027 E+05	1.1759 E+00
7.6812 E+02	8.8208 E+02	2.8491 E+05	1.9037 E+04	5.2518 E+04	1.9391 E+02	2.5266 E+03	1.0815 E+04	2.1455 E+01	1.7831 E+02	1.4752 E+03	3.2401 E-01	3.1650 E+04	1.3658 E+05	1.1341 E+00
7.6812 E+02	8.2328 E+02	4.1516 E+05	1.9037 E+04	4.5953 E+04	3.6415 E+02	2.5266 E+03	1.0364 E+04	1.3485 E+00	1.7831 E+02	1.2234 E+03	7.3288 E-01	3.1650 E+04	1.2550 E+05	1.0557 E+00
7.6812 E+02	7.6447 E+02	5.4162 E+05	1.9037 E+04	3.9388 E+04	6.9438 E+03	2.5266 E+03	9.9139 E+03	2.6132 E+02	1.7831 E+02	1.1514 E+03	4.0417 E-02	3.1650 E+04	1.2181 E+05	5.2785 E-01
7.6812 E+02	7.0567 E+02	8.9518 E+05	1.9037 E+04	3.2824 E+04	4.9197 E+02	2.5266 E+03	9.4632 E+03	7.7258 E+01	1.7831 E+02	1.1154 E+03	1.2254 E+00	3.1650 E+04	1.1443 E+05	1.6972 E-01
7.6812 E+02	6.4686 E+02	1.3568 E+06	1.9037 E+04	2.6259 E+04	2.6982 E+03	2.5266 E+03	9.0126 E+03	6.4649 E+02	1.7831 E+02	1.0794 E+03	9.0274 E+00	3.1650 E+04	1.1074 E+05	1.6972 E-01
7.6812 E+02	5.8806 E+02	1.9114 E+06	1.9037 E+04	1.9694 E+04	9.5614 E+02	2.5266 E+03	8.5620 E+03	4.2926 E+02	1.7831 E+02	1.0435 E+03	1.8138 E+01	3.1650 E+04	1.0705 E+05	1.1068 E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
7.6812 E+02	5.2925 E+02	2.9363 E+06	1.9037 E+04	1.3129 E+04	1.9729 E+04	2.5266 E+03	8.1113 E+03	1.2479 E+03	1.7831 E+02	1.0075 E+03	4.2627 E-01	3.1650 E+04	1.0336 E+05	1.7821 E+00
7.6812 E+02	4.7044 E+02	3.7615 E+06	1.9037 E+04	6.5647 E+03	6.0374 E+04	2.5266 E+03	7.6607 E+03	5.8042 E+03	1.7831 E+02	9.7150 E+02	1.2420 E+00	3.1650 E+04	9.5973 E+04	1.2254 E+00
7.6812 E+02	4.1164 E+02	4.7591 E+06	1.9037 E+04	0.0000 E+00	2.5362 E+05	2.5266 E+03	7.2101 E+03	1.6456 E+04	1.7831 E+02	9.3551 E+02	2.5921 E+00	3.1650 E+04	9.2282 E+04	1.0557 E+00
7.6812 E+02	3.5283 E+02	5.9883 E+06	1.1367 E+04	1.4442 E+05	6.2500 E-01	2.5266 E+03	6.7595 E+03	6.4868 E+03	1.7831 E+02	8.9953 E+02	1.1454 E+01	3.1650 E+04	8.8591 E+04	8.1774 E-01
7.6812 E+02	2.9403 E+02	6.6189 E+06	1.1367 E+04	1.3786 E+05	1.9440 E-03	2.5266 E+03	6.3088 E+03	2.5201 E+04	1.7831 E+02	8.6355 E+02	1.1555 E+01	3.1650 E+04	8.4899 E+04	1.7854 E+01
7.6812 E+02	2.3522 E+02	8.0740 E+06	1.1367 E+04	1.3129 E+05	2.0140 E+00	2.5266 E+03	5.8582 E+03	4.1065 E+04	1.7831 E+02	8.2757 E+02	1.7754 E+02	3.1650 E+04	8.1208 E+04	1.4115 E+01
7.6812 E+02	1.7642 E+02	1.2712 E+07	1.1367 E+04	1.2473 E+05	1.3890 E+00	2.5266 E+03	5.4076 E+03	9.8483 E+04	1.7831 E+02	7.9159 E+02	1.7996 E+02	3.1650 E+04	7.7517 E+04	1.9306 E+01
7.6812 E+02	1.1761 E+02	2.1857 E+07	1.1367 E+04	1.1817 E+05	2.5985 E+00	2.5266 E+03	4.9569 E+03	8.7189 E+04	1.7831 E+02	7.5561 E+02	3.8168 E+01	3.1650 E+04	7.3825 E+04	3.6077 E+01
7.6812 E+02	5.8806 E+01	3.4941 E+07	1.1367 E+04	1.1160 E+05	1.9154 E+00	2.5266 E+03	4.5063 E+03	1.5092 E+05	1.7831 E+02	7.1963 E+02	2.2459 E+02	3.1650 E+04	7.0134 E+04	4.1185 E+00
7.6812 E+02	0.0000 E+00	3.3481 E+07	1.1367 E+04	1.0504 E+05	1.9154 E+00	2.5266 E+03	4.0557 E+03	2.0841 E+05	1.7831 E+02	6.8364 E+02	2.9101 E+01	3.1650 E+04	6.6443 E+04	4.0469 E+02
7.0128 E+02	2.5874 E+03	2.2318 E+00	1.1367 E+04	9.8471 E+04	4.1252 E+01	2.5266 E+03	3.6050 E+03	2.2557 E+05	1.7831 E+02	6.4766 E+02	3.7520 E+02	3.1650 E+04	6.2752 E+04	3.3907 E+01
7.0128 E+02	2.3522 E+03	8.5215 E+00	1.1367 E+04	9.1906 E+04	1.6935 E+03	2.5266 E+03	3.1544 E+03	2.8243 E+05	1.7831 E+02	6.1168 E+02	6.6703 E+01	3.1650 E+04	5.9060 E+04	1.3347 E+01
7.0128 E+02	2.0582 E+03	9.0967 E+02	1.1367 E+04	8.5342 E+04	8.9088 E+02	2.5266 E+03	2.7038 E+03	3.8394 E+05	1.7831 E+02	5.7570 E+02	4.8334 E+02	3.1650 E+04	5.5369 E+04	2.9254 E+01
7.0128 E+02	1.9994 E+03	7.7170 E+01	1.1367 E+04	7.8777 E+04	8.7007 E+02	2.5266 E+03	2.2532 E+03	3.1013 E+05	1.7831 E+02	5.3972 E+02	4.6651 E+02	3.1650 E+04	5.1678 E+04	3.7678 E+01
7.0128 E+02	1.9406 E+03	7.6770 E+01	1.1367 E+04	7.2212 E+04	4.2356 E+03	2.5266 E+03	1.8025 E+03	3.1920 E+05	1.7831 E+02	5.0374 E+02	3.0884 E+02	3.1650 E+04	4.7987 E+04	1.4321 E+02
7.0128 E+02	1.8230 E+03	1.7376 E+01	1.1367 E+04	6.5647 E+04	5.1881 E+03	2.5266 E+03	1.3519 E+03	3.5050 E+05	1.7831 E+02	4.6776 E+02	3.0258 E+02	3.1650 E+04	4.4295 E+04	3.3618 E+02
7.0128 E+02	1.7642 E+03	2.7295 E+01	1.1367 E+04	5.9083 E+04	1.0215 E+04	2.5266 E+03	9.0126 E+02	6.4847 E+05	1.7831 E+02	4.3178 E+02	9.8484 E+02	3.1650 E+04	4.0604 E+04	1.7752 E+02
7.0128 E+02	1.7054 E+03	1.6820 E+03	1.1367 E+04	5.2518 E+04	6.4103 E+03	2.5266 E+03	4.5063 E+02	1.7408 E+06	1.7831 E+02	3.9579 E+02	8.0498 E+02	3.1650 E+04	3.6913 E+04	4.3296 E+02
7.0128 E+02	1.6466 E+03	4.9539 E+01	1.1367 E+04	4.5953 E+04	1.8059 E+04	2.5266 E+03	0.0000 E+00	3.9713 E+06	1.7831 E+02	3.5981 E+02	2.8686 E+02	3.1650 E+04	3.3221 E+04	8.8087 E+02
7.0128 E+02	1.5877 E+03	8.9063 E+02	1.1367 E+04	3.9388 E+04	2.0826 E+04	1.9953 E+03	1.9828 E+04	2.7295 E+01	1.7831 E+02	3.2383 E+02	4.6188 E+02	3.1650 E+04	2.9530 E+04	9.8776 E+02
7.0128 E+02	1.5289 E+03	1.5668 E+02	1.1367 E+04	3.2824 E+04	3.1876 E+04	1.9953 E+03	1.8926 E+04	7.1485 E+00	1.7831 E+02	2.8785 E+02	1.2685 E+03	3.1650 E+04	2.5839 E+04	1.5179 E+03
7.0128 E+02	1.4701 E+03	3.7363 E+03	1.1367 E+04	2.6259 E+04	1.8706 E+04	1.9953 E+03	1.8025 E+04	4.0417 E-02	1.7831 E+02	2.5187 E+02	1.7524 E+03	3.1650 E+04	2.2148 E+04	2.6244 E+03
7.0128 E+02	1.4113 E+03	4.9569 E+03	1.1367 E+04	1.9694 E+04	5.2885 E+04	1.9953 E+03	1.7575 E+04	2.0011 E+02	1.7831 E+02	2.1589 E+02	1.4381 E+03	3.1650 E+04	1.8456 E+04	4.8905 E+03
7.0128 E+02	1.3525 E+03	6.6346 E+03	1.1367 E+04	1.3129 E+04	3.7054 E+04	1.9953 E+03	1.4420 E+04	7.0939 E+00	1.7831 E+02	1.7991 E+02	1.8166 E+03	3.1650 E+04	1.4765 E+04	7.5001 E+03
7.0128 E+02	1.2937 E+03	1.9715 E+04	1.1367 E+04	6.5647 E+03	3.7700 E+05	1.9953 E+03	1.3970 E+04	1.0271 E+01	1.7831 E+02	1.4393 E+02	5.4272 E+03	3.1650 E+04	1.1074 E+04	1.6700 E+04
7.0128 E+02	1.2349 E+03	2.3447 E+04	1.1367 E+04	0.0000 E+00	2.4400 E+06	1.9953 E+03	1.3519 E+04	1.7904 E+00	1.7831 E+02	1.0794 E+02	3.3760 E+04	3.1650 E+04	7.3825 E+03	3.0759 E+04

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
7.0128 E+02	1.1761 E+03	3.2266 E+04	3.6961 E+03	2.1664 E+05	4.0417 E-02	1.9953 E+03	1.3068 E+04	4.7749 E+02	1.7831 E+02	7.1963 E+01	1.2224 E+05	3.1650 E+04	3.6913 E+03	1.3626 E+05
7.0128 E+02	1.1173 E+03	6.4081 E+04	3.6961 E+03	1.9038 E+05	4.0417 E-02	1.9953 E+03	1.2618 E+04	4.0741 E+01	1.7831 E+02	3.5981 E+01	6.4333 E+05	3.1650 E+04	0.0000 E+00	1.0056 E+06
7.0128 E+02	1.0585 E+03	6.8913 E+04	3.6961 E+03	1.5099 E+05	1.3485 E+00	1.9953 E+03	1.1716 E+04	5.6122 E+02	1.7831 E+02	0.0000 E+00	1.1559 E+06	2.7465 E+04	1.7349 E+05	8.4860 E-02
7.0128 E+02	9.9969 E+02	1.0721 E+05	3.6961 E+03	1.4442 E+05	4.0417 E-02	1.9953 E+03	1.1266 E+04	4.7000 E+02	1.4009 E+02	1.5472 E+03	5.2785 E-01	2.7465 E+04	1.6980 E+05	8.4860 E-02
7.0128 E+02	9.4089 E+02	1.7883 E+05	3.6961 E+03	1.3786 E+05	1.3485 E+00	1.9953 E+03	1.0815 E+04	4.4834 E+01	1.4009 E+02	1.5112 E+03	8.4860 E-02	2.7465 E+04	1.6611 E+05	8.4860 E-02
7.0128 E+02	8.8208 E+02	2.0242 E+05	3.6961 E+03	1.3129 E+05	1.9735 E+00	1.9953 E+03	1.0364 E+04	1.1085 E+03	1.4009 E+02	1.4752 E+03	6.4802 E-01	2.7465 E+04	1.5503 E+05	3.2401 E-01
7.0128 E+02	8.2328 E+02	2.8936 E+05	3.6961 E+03	1.2473 E+05	2.8183 E+00	1.9953 E+03	9.9139 E+03	2.8212 E+03	1.4009 E+02	1.4033 E+03	8.7015 E+01	2.7465 E+04	1.5134 E+05	2.3530 E+00
7.0128 E+02	7.6447 E+02	5.3422 E+05	3.6961 E+03	1.1817 E+05	3.1654 E+00	1.9953 E+03	9.4632 E+03	1.3365 E+03	1.4009 E+02	1.3673 E+03	5.0696 E+00	2.7465 E+04	1.4765 E+05	1.6619 E+00
7.0128 E+02	7.0567 E+02	9.0661 E+05	3.6961 E+03	1.1160 E+05	2.3356 E+00	1.9953 E+03	9.0126 E+03	2.8899 E+03	1.4009 E+02	1.3313 E+03	3.8661 E+00	2.7465 E+04	1.4396 E+05	6.4802 E-01
7.0128 E+02	6.4686 E+02	1.3058 E+06	3.6961 E+03	1.0504 E+05	8.4246 E+02	1.9953 E+03	8.5620 E+03	5.0948 E+03	1.4009 E+02	1.2953 E+03	3.4458 E+00	2.7465 E+04	1.4027 E+05	6.4802 E-01
7.0128 E+02	5.8806 E+02	1.8732 E+06	3.6961 E+03	9.8471 E+04	3.4088 E+03	1.9953 E+03	8.1113 E+03	8.9934 E+03	1.4009 E+02	1.2593 E+03	5.1392 E+00	2.7465 E+04	1.3658 E+05	3.0711 E+00
7.0128 E+02	5.2925 E+02	2.4154 E+06	3.6961 E+03	9.1906 E+04	3.4098 E+03	1.9953 E+03	7.6607 E+03	1.7033 E+04	1.4009 E+02	1.2234 E+03	8.0414 E+00	2.7465 E+04	1.3289 E+05	2.7482 E+00
7.0128 E+02	4.7044 E+02	3.4423 E+06	3.6961 E+03	8.5342 E+04	7.6063 E+03	1.9953 E+03	7.2101 E+03	2.6601 E+04	1.4009 E+02	1.1874 E+03	9.7740 E+01	2.7465 E+04	1.2919 E+05	5.1268 E+00
7.0128 E+02	4.1164 E+02	3.9851 E+06	3.6961 E+03	7.8777 E+04	1.0128 E+04	1.9953 E+03	6.7595 E+03	4.6181 E+04	1.4009 E+02	1.1514 E+03	1.4446 E+01	2.7465 E+04	1.2550 E+05	6.4802 E-01
7.0128 E+02	3.5283 E+02	5.0284 E+06	3.6961 E+03	7.2212 E+04	1.5211 E+04	1.9953 E+03	6.3088 E+03	5.6369 E+04	1.4009 E+02	1.1154 E+03	8.7251 E+01	2.7465 E+04	1.2181 E+05	2.5712 E+00
7.0128 E+02	2.9403 E+02	5.5155 E+06	3.6961 E+03	6.5647 E+04	2.4022 E+04	1.9953 E+03	5.8582 E+03	1.0993 E+05	1.4009 E+02	1.0794 E+03	1.8641 E+02	2.7465 E+04	1.1812 E+05	4.5457 E+00
7.0128 E+02	2.3522 E+02	6.1372 E+06	3.6961 E+03	5.9083 E+04	3.0454 E+04	1.9953 E+03	5.4076 E+03	1.4637 E+05	1.4009 E+02	1.0435 E+03	1.3833 E+01	2.7465 E+04	1.1443 E+05	5.5193 E+00
7.0128 E+02	1.7642 E+02	9.5474 E+06	3.6961 E+03	5.2518 E+04	5.0576 E+04	1.9953 E+03	4.9569 E+03	2.0883 E+05	1.4009 E+02	1.0075 E+03	1.8636 E+02	2.7465 E+04	1.1074 E+05	1.3384 E+01
7.0128 E+02	1.1761 E+02	1.6706 E+07	3.6961 E+03	4.5953 E+04	8.3563 E+04	1.9953 E+03	4.5063 E+03	3.2715 E+05	1.4009 E+02	9.7150 E+02	6.9321 E+00	2.7465 E+04	1.0705 E+05	6.1273 E+00
7.0128 E+02	5.8806 E+01	2.9417 E+07	3.6961 E+03	3.9388 E+04	1.6449 E+05	1.9953 E+03	4.0557 E+03	4.0543 E+05	1.4009 E+02	9.3551 E+02	2.9531 E+02	2.7465 E+04	1.0336 E+05	9.0715 E+00
7.0128 E+02	0.0000 E+00	3.0510 E+07	3.6961 E+03	3.2824 E+04	1.9393 E+05	1.9953 E+03	3.6050 E+03	4.9785 E+05	1.4009 E+02	8.9953 E+02	1.9100 E+02	2.7465 E+04	9.9664 E+04	1.9468 E+01
6.3444 E+02	2.4110 E+03	2.2318 E+00	3.6961 E+03	2.6259 E+04	2.8422 E+05	1.9953 E+03	3.1544 E+03	5.3196 E+05	1.4009 E+02	8.6355 E+02	2.3024 E+02	2.7465 E+04	9.5973 E+04	2.3730 E+01
6.3444 E+02	2.3522 E+03	6.4802 E-01	3.6961 E+03	1.9694 E+04	9.3728 E+05	1.9953 E+03	2.7038 E+03	6.7833 E+05	1.4009 E+02	8.2757 E+02	8.3079 E+01	2.7465 E+04	9.2282 E+04	2.1800 E+01
6.3444 E+02	2.2346 E+03	2.3678 E+00	3.6961 E+03	1.3129 E+04	2.1475 E+06	1.9953 E+03	2.2532 E+03	6.6295 E+05	1.4009 E+02	7.9159 E+02	2.6693 E+02	2.7465 E+04	8.8591 E+04	1.4670 E+01
6.3444 E+02	2.1758 E+03	3.0002 E+01	3.6961 E+03	6.5647 E+03	4.6082 E+06	1.9953 E+03	1.8025 E+03	5.6446 E+05	1.4009 E+02	7.5561 E+02	1.9320 E+02	2.7465 E+04	8.4899 E+04	2.5051 E+02
6.3444 E+02	2.1170 E+03	8.5674 E+01	3.6961 E+03	0.0000 E+00	1.2075 E+07	1.9953 E+03	1.3519 E+03	5.9919 E+05	1.4009 E+02	7.1963 E+02	1.5709 E+02	2.7465 E+04	8.1208 E+04	1.8665 E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.3444 E+02	2.0582 E+03	2.5646 E+00	- 3.9745 E+03	1.8381 E+05	1.3890 E+00	1.9953 E+03	9.0126 E+02	1.0641 E+06	1.4009 E+02	6.8364 E+02	1.0115 E+03	2.7465 E+04	7.7517 E+04	8.4272 E+01
6.3444 E+02	1.9994 E+03	5.1130 E-02	- 3.9745 E+03	1.7068 E+05	6.6542 E-01	1.9953 E+03	4.5063 E+02	3.0220 E+06	1.4009 E+02	6.4766 E+02	5.3417 E+02	2.7465 E+04	7.3825 E+04	1.2081 E+02
6.3444 E+02	1.9406 E+03	3.4444 E+01	- 3.9745 E+03	1.6412 E+05	8.0833 E-02	1.9953 E+03	0.0000 E+00	6.6893 E+06	1.4009 E+02	6.1168 E+02	5.9383 E+02	2.7465 E+04	7.0134 E+04	2.7616 E+02
6.3444 E+02	1.8818 E+03	1.4297 E+01	- 3.9745 E+03	1.5755 E+05	4.0417 E-02	1.4640 E+03	1.8476 E+04	4.0417 E-02	1.4009 E+02	5.7570 E+02	9.1731 E+02	2.7465 E+04	6.6443 E+04	2.2642 E+02
6.3444 E+02	1.8230 E+03	2.9652 E+01	- 3.9745 E+03	1.5099 E+05	1.2182 E+01	1.4640 E+03	1.6223 E+04	8.4860 E-02	1.4009 E+02	5.3972 E+02	8.4828 E+02	2.7465 E+04	6.2752 E+04	1.7321 E+02
6.3444 E+02	1.7642 E+03	2.8225 E+02	- 3.9745 E+03	1.4442 E+05	8.0833 E-02	1.4640 E+03	1.5321 E+04	3.7503 E+01	1.4009 E+02	5.0374 E+02	1.2198 E+03	2.7465 E+04	5.9060 E+04	4.1048 E+02
6.3444 E+02	1.7054 E+03	6.2581 E+02	- 3.9745 E+03	1.3786 E+05	1.2500 E+00	1.4640 E+03	1.4871 E+04	9.3951 E+00	1.4009 E+02	4.6776 E+02	1.7977 E+03	2.7465 E+04	5.5369 E+04	7.8214 E+02
6.3444 E+02	1.6466 E+03	8.0667 E+02	- 3.9745 E+03	1.3129 E+05	1.4698 E+00	1.4640 E+03	1.4420 E+04	2.4584 E+02	1.4009 E+02	4.3178 E+02	1.3307 E+03	2.7465 E+04	5.1678 E+04	4.7541 E+02
6.3444 E+02	1.5877 E+03	4.5341 E+03	- 3.9745 E+03	1.2473 E+05	6.6542 E-01	1.4640 E+03	1.3970 E+04	2.9824 E+01	1.4009 E+02	3.9579 E+02	3.1456 E+03	2.7465 E+04	4.7987 E+04	7.7123 E+02
6.3444 E+02	1.5289 E+03	6.7705 E+03	- 3.9745 E+03	1.1817 E+05	1.0019 E+01	1.4640 E+03	1.3519 E+04	2.4575 E+02	1.4009 E+02	3.5981 E+02	2.8818 E+03	2.7465 E+04	4.4295 E+04	9.1890 E+02
6.3444 E+02	1.4701 E+03	3.2450 E+03	- 3.9745 E+03	1.1160 E+05	8.3130 E+00	1.4640 E+03	1.3068 E+04	4.4767 E+02	1.4009 E+02	3.2383 E+02	4.7557 E+03	2.7465 E+04	4.0604 E+04	6.8763 E+02
6.3444 E+02	1.4113 E+03	1.2105 E+04	- 3.9745 E+03	1.0504 E+05	4.8391 E+01	1.4640 E+03	1.2618 E+04	1.9610 E+02	1.4009 E+02	2.8785 E+02	4.2619 E+03	2.7465 E+04	3.6913 E+04	1.6838 E+03
6.3444 E+02	1.3525 E+03	2.1914 E+04	- 3.9745 E+03	9.8471 E+04	1.8508 E+01	1.4640 E+03	1.2167 E+04	2.4420 E+02	1.4009 E+02	2.5187 E+02	5.5199 E+03	2.7465 E+04	3.3221 E+04	2.3417 E+03
6.3444 E+02	1.2937 E+03	1.7417 E+04	- 3.9745 E+03	9.1906 E+04	1.8107 E+03	1.4640 E+03	1.1716 E+04	8.7772 E+01	1.4009 E+02	2.1589 E+02	1.1311 E+04	2.7465 E+04	2.9530 E+04	1.9522 E+03
6.3444 E+02	1.2349 E+03	1.7848 E+04	- 3.9745 E+03	8.5342 E+04	9.0248 E+03	1.4640 E+03	1.1266 E+04	2.4137 E+03	1.4009 E+02	1.7991 E+02	2.4600 E+04	2.7465 E+04	2.5839 E+04	3.4277 E+03
6.3444 E+02	1.1761 E+03	1.9834 E+04	- 3.9745 E+03	7.8777 E+04	5.1667 E+03	1.4640 E+03	1.0815 E+04	1.5634 E+03	1.4009 E+02	1.4393 E+02	5.7308 E+04	2.7465 E+04	2.2148 E+04	6.2060 E+03
6.3444 E+02	1.1173 E+03	4.5010 E+04	- 3.9745 E+03	7.2212 E+04	1.2797 E+04	1.4640 E+03	1.0364 E+04	2.9562 E+03	1.4009 E+02	1.0794 E+02	1.7463 E+05	2.7465 E+04	1.8456 E+04	1.1784 E+04
6.3444 E+02	1.0585 E+03	8.6990 E+04	- 3.9745 E+03	6.5647 E+04	1.6849 E+04	1.4640 E+03	9.9139 E+03	1.1394 E+03	1.4009 E+02	7.1963 E+01	6.7852 E+05	2.7465 E+04	1.4765 E+04	2.6740 E+04

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.3444 E+02	9.9969 E+02	1.7983 E+05	- 3.9745 E+03	5.9083 E+04	4.1262 E+04	1.4640 E+03	9.4632 E+03	5.3403 E+03	1.4009 E+02	3.5981 E+01	2.5405 E+06	2.7465 E+04	1.1074 E+04	5.0589 E+04
6.3444 E+02	9.4089 E+02	2.2399 E+05	- 3.9745 E+03	5.2518 E+04	8.2372 E+04	1.4640 E+03	9.0126 E+03	8.2829 E+03	1.4009 E+02	0.0000 E+00	4.1528 E+06	2.7465 E+04	7.3825 E+03	1.4486 E+05
6.3444 E+02	8.8208 E+02	3.5697 E+05	- 3.9745 E+03	4.5953 E+04	2.0025 E+05	1.4640 E+03	8.5620 E+03	2.0005 E+04	1.0188 E+02	1.6551 E+03	5.2785 E-01	2.7465 E+04	3.6913 E+03	4.5436 E+05
6.3444 E+02	8.2328 E+02	4.9348 E+05	- 3.9745 E+03	3.9388 E+04	1.7869 E+05	1.4640 E+03	8.1113 E+03	1.8626 E+04	1.0188 E+02	1.5832 E+03	9.7203 E-01	2.7465 E+04	0.0000 E+00	2.9662 E+06
6.3444 E+02	7.6447 E+02	7.0624 E+05	- 3.9745 E+03	3.2824 E+04	3.1876 E+05	1.4640 E+03	7.6607 E+03	3.9712 E+04	1.0188 E+02	1.5112 E+03	1.6972 E-01	2.3279 E+04	1.8087 E+05	3.2401 E-01
6.3444 E+02	7.0567 E+02	9.1680 E+05	- 3.9745 E+03	2.6259 E+04	3.9651 E+05	1.4640 E+03	7.2101 E+03	5.4497 E+04	1.0188 E+02	1.4752 E+03	2.0974 E+00	2.3279 E+04	1.6611 E+05	4.0887 E-01
6.3444 E+02	6.4686 E+02	1.4053 E+06	- 3.9745 E+03	1.9694 E+04	6.4898 E+05	1.4640 E+03	6.7595 E+03	9.0020 E+04	1.0188 E+02	1.4393 E+03	8.4469 E+01	2.3279 E+04	1.5503 E+05	1.1341 E+00
6.3444 E+02	5.8806 E+02	1.7098 E+06	- 3.9745 E+03	1.3129 E+04	8.6161 E+05	1.4640 E+03	6.3088 E+03	1.3250 E+05	1.0188 E+02	1.4033 E+03	9.2560 E+01	2.3279 E+04	1.5134 E+05	1.5835 E+00
6.3444 E+02	5.2925 E+02	2.4672 E+06	- 3.9745 E+03	6.5647 E+03	1.4812 E+06	1.4640 E+03	5.8582 E+03	1.8328 E+05	1.0188 E+02	1.3673 E+03	9.4721 E+01	2.3279 E+04	1.4765 E+05	8.4477 E+01
6.3444 E+02	4.7044 E+02	3.4648 E+06	- 3.9745 E+03	0.0000 E+00	4.3981 E+06	1.4640 E+03	5.4076 E+03	2.5496 E+05	1.0188 E+02	1.3313 E+03	1.4481 E+01	2.3279 E+04	1.4396 E+05	8.7139 E+01
6.3444 E+02	4.1164 E+02	3.8043 E+06	- 1.1645 E+04	3.2824 E+05	5.2085 E+00	1.4640 E+03	4.9569 E+03	3.3299 E+05	1.0188 E+02	1.2953 E+03	4.3405 E+02	2.3279 E+04	1.4027 E+05	3.2401 E-01
6.3444 E+02	3.5283 E+02	4.2494 E+06	- 1.1645 E+04	3.2167 E+05	5.2085 E+00	1.4640 E+03	4.5063 E+03	4.4382 E+05	1.0188 E+02	1.2593 E+03	9.1322 E+00	2.3279 E+04	1.3658 E+05	3.6964 E+00
6.3444 E+02	2.9403 E+02	4.4735 E+06	- 1.1645 E+04	3.1511 E+05	1.3485 E+00	1.4640 E+03	4.0557 E+03	5.8620 E+05	1.0188 E+02	1.2234 E+03	2.0107 E+02	2.3279 E+04	1.3289 E+05	6.7789 E+00
6.3444 E+02	2.3522 E+02	4.9000 E+06	- 1.1645 E+04	2.6915 E+05	3.0985 E+00	1.4640 E+03	3.6050 E+03	9.7774 E+05	1.0188 E+02	1.1874 E+03	1.2884 E+02	2.3279 E+04	1.2919 E+05	1.8558 E+01
6.3444 E+02	1.7642 E+02	7.0755 E+06	- 1.1645 E+04	1.8381 E+05	4.0417 E-02	1.4640 E+03	3.1544 E+03	1.0266 E+06	1.0188 E+02	1.1514 E+03	2.8535 E+02	2.3279 E+04	1.2550 E+05	5.4013 E+00
6.3444 E+02	1.1761 E+02	1.2300 E+07	- 1.1645 E+04	1.7068 E+05	8.0833 E-02	1.4640 E+03	2.7038 E+03	1.1347 E+06	1.0188 E+02	1.1154 E+03	1.2484 E+02	2.3279 E+04	1.2181 E+05	9.0382 E+01
6.3444 E+02	5.8806 E+01	2.2092 E+07	- 1.1645 E+04	1.6412 E+05	4.0417 E-02	1.4640 E+03	2.2532 E+03	1.4204 E+06	1.0188 E+02	1.0794 E+03	2.1620 E+02	2.3279 E+04	1.1812 E+05	1.0385 E+02
6.3444 E+02	0.0000 E+00	2.5986 E+07	- 1.1645 E+04	1.5755 E+05	8.0833 E-02	1.4640 E+03	1.8025 E+03	1.3502 E+06	1.0188 E+02	1.0435 E+03	7.9759 E+01	2.3279 E+04	1.1443 E+05	1.9738 E+02

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.6759 E+02	2.7051 E+03	4.9373 E-01	- 1.1645 E+04	1.5099 E+05	6.2500 E-01	1.4640 E+03	1.3519 E+03	1.4686 E+06	1.0188 E+02	1.0075 E+03	2.5786 E+02	2.3279 E+04	1.1074 E+05	3.3224 E+01
5.6759 E+02	2.5286 E+03	3.2401 E-01	- 1.1645 E+04	1.4442 E+05	9.3590 E-01	1.4640 E+03	9.0126 E+02	1.9270 E+06	1.0188 E+02	9.7150 E+02	4.5846 E+02	2.3279 E+04	1.0705 E+05	2.8662 E+02
5.6759 E+02	2.4698 E+03	2.4015 E+00	- 1.1645 E+04	1.3786 E+05	2.5404 E+00	1.4640 E+03	4.5063 E+02	5.8559 E+06	1.0188 E+02	9.3551 E+02	5.7643 E+02	2.3279 E+04	1.0336 E+05	2.3411 E+02
5.6759 E+02	2.4110 E+03	8.4860 E-02	- 1.1645 E+04	1.3129 E+05	5.1130 E-02	1.4640 E+03	0.0000 E+00	1.2973 E+07	1.0188 E+02	8.9953 E+02	2.3733 E+02	2.3279 E+04	9.9664 E+04	6.4392 E+01
5.6759 E+02	2.3522 E+03	5.7898 E-01	- 1.1645 E+04	1.2473 E+05	1.6167 E-01	9.3275 E+02	1.8926 E+04	8.5215 E+00	1.0188 E+02	8.6355 E+02	6.8218 E+02	2.3279 E+04	9.5973 E+04	1.0389 E+02
5.6759 E+02	2.2934 E+03	9.4169 E+00	- 1.1645 E+04	1.1817 E+05	8.6039 E+01	9.3275 E+02	1.7575 E+04	1.0557 E+00	1.0188 E+02	8.2757 E+02	8.0203 E+02	2.3279 E+04	9.2282 E+04	2.7940 E+02
5.6759 E+02	2.2346 E+03	6.4149 E+00	- 1.1645 E+04	1.1160 E+05	7.4962 E+01	9.3275 E+02	1.7124 E+04	4.9447 E+00	1.0188 E+02	7.9159 E+02	7.5443 E+02	2.3279 E+04	8.8591 E+04	3.7314 E+02
5.6759 E+02	2.1758 E+03	8.5825 E+01	- 1.1645 E+04	1.0504 E+05	5.4378 E+01	9.3275 E+02	1.6673 E+04	5.3570 E+01	1.0188 E+02	7.5561 E+02	1.2954 E+03	2.3279 E+04	8.4899 E+04	3.1354 E+02
5.6759 E+02	2.1170 E+03	3.5834 E+01	- 1.1645 E+04	9.8471 E+04	1.9695 E+03	9.3275 E+02	1.6223 E+04	5.6593 E+01	1.0188 E+02	7.1963 E+02	1.0507 E+03	2.3279 E+04	8.1208 E+04	2.7384 E+02
5.6759 E+02	2.0582 E+03	6.2286 E+00	- 1.1645 E+04	9.1906 E+04	5.2180 E+01	9.3275 E+02	1.5772 E+04	1.1341 E+00	1.0188 E+02	6.8364 E+02	2.2712 E+03	2.3279 E+04	7.7517 E+04	5.7647 E+02
5.6759 E+02	1.9994 E+03	3.8955 E+01	- 1.1645 E+04	8.5342 E+04	6.2867 E+02	9.3275 E+02	1.5321 E+04	6.2500 E-01	1.0188 E+02	6.4766 E+02	1.8760 E+03	2.3279 E+04	7.3825 E+04	7.1855 E+02
5.6759 E+02	1.9406 E+03	1.0404 E+02	- 1.1645 E+04	7.8777 E+04	2.2486 E+03	9.3275 E+02	1.4871 E+04	4.0741 E+01	1.0188 E+02	6.1168 E+02	2.3187 E+03	2.3279 E+04	7.0134 E+04	7.6164 E+02
5.6759 E+02	1.8818 E+03	1.1142 E+03	- 1.1645 E+04	7.2212 E+04	3.8146 E+03	9.3275 E+02	1.4420 E+04	6.6158 E+01	1.0188 E+02	5.7570 E+02	3.1690 E+03	2.3279 E+04	6.6443 E+04	4.2317 E+02
5.6759 E+02	1.8230 E+03	1.9763 E+02	- 1.1645 E+04	6.5647 E+04	1.3473 E+03	9.3275 E+02	1.3970 E+04	2.4217 E+02	1.0188 E+02	5.3972 E+02	3.4096 E+03	2.3279 E+04	6.2752 E+04	1.1355 E+03
5.6759 E+02	1.7642 E+03	2.7080 E+02	- 1.1645 E+04	5.9083 E+04	3.2287 E+03	9.3275 E+02	1.3519 E+04	3.5457 E+01	1.0188 E+02	5.0374 E+02	4.1589 E+03	2.3279 E+04	5.9060 E+04	1.7099 E+03
5.6759 E+02	1.7054 E+03	8.2454 E+02	- 1.1645 E+04	5.2518 E+04	1.3111 E+04	9.3275 E+02	1.3068 E+04	2.5966 E+02	1.0188 E+02	4.6776 E+02	5.5450 E+03	2.3279 E+04	5.5369 E+04	1.7303 E+03
5.6759 E+02	1.6466 E+03	2.6683 E+03	- 1.1645 E+04	4.5953 E+04	3.8859 E+04	9.3275 E+02	1.2618 E+04	3.1748 E+02	1.0188 E+02	4.3178 E+02	7.0164 E+03	2.3279 E+04	5.1678 E+04	2.4714 E+03
5.6759 E+02	1.5877 E+03	3.8092 E+03	- 1.1645 E+04	3.9388 E+04	1.2370 E+05	9.3275 E+02	1.2167 E+04	1.2312 E+03	1.0188 E+02	3.9579 E+02	9.6981 E+03	2.3279 E+04	4.7987 E+04	2.9559 E+03

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.6759 E+02	1.5289 E+03	4.8602 E+03	- 1.1645 E+04	3.2824 E+04	2.3793 E+05	9.3275 E+02	1.1716 E+04	1.2217 E+03	1.0188 E+02	3.5981 E+02	1.6426 E+04	2.3279 E+04	4.4295 E+04	4.0610 E+03
5.6759 E+02	1.4701 E+03	3.9825 E+03	- 1.1645 E+04	2.6259 E+04	6.7600 E+05	9.3275 E+02	1.1266 E+04	4.4614 E+02	1.0188 E+02	3.2383 E+02	1.7103 E+04	2.3279 E+04	4.0604 E+04	4.4365 E+03
5.6759 E+02	1.4113 E+03	1.1172 E+04	- 1.1645 E+04	1.9694 E+04	9.0040 E+05	9.3275 E+02	1.0815 E+04	3.5719 E+03	1.0188 E+02	2.8785 E+02	2.8855 E+04	2.3279 E+04	3.6913 E+04	7.6568 E+03
5.6759 E+02	1.3525 E+03	1.9042 E+04	- 1.1645 E+04	1.3129 E+04	1.2904 E+06	9.3275 E+02	1.0364 E+04	5.1968 E+03	1.0188 E+02	2.5187 E+02	4.7112 E+04	2.3279 E+04	3.3221 E+04	1.1095 E+04
5.6759 E+02	1.2937 E+03	1.4255 E+04	- 1.1645 E+04	6.5647 E+03	1.9121 E+06	9.3275 E+02	9.9139 E+03	5.4390 E+03	1.0188 E+02	2.1589 E+02	1.0152 E+05	2.3279 E+04	2.9530 E+04	1.2721 E+04
5.6759 E+02	1.2349 E+03	3.4585 E+04	- 1.1645 E+04	0.0000 E+00	6.7359 E+06	9.3275 E+02	9.4632 E+03	2.2814 E+04	1.0188 E+02	1.7991 E+02	2.0031 E+05	2.3279 E+04	2.5839 E+04	1.3906 E+04
5.6759 E+02	1.1761 E+03	3.9708 E+04	- 1.9316 E+04	3.0198 E+05	1.7500 E+00	9.3275 E+02	9.0126 E+03	2.6439 E+04	1.0188 E+02	1.4393 E+02	4.2117 E+05	2.3279 E+04	2.2148 E+04	1.8385 E+04
5.6759 E+02	1.1173 E+03	8.3151 E+04	- 1.9316 E+04	2.9541 E+05	1.3485 E+00	9.3275 E+02	8.5620 E+03	3.2959 E+04	1.0188 E+02	1.0794 E+02	9.2835 E+05	2.3279 E+04	1.8456 E+04	2.9336 E+04
5.6759 E+02	1.0585 E+03	9.6538 E+04	- 1.9316 E+04	2.8228 E+05	1.3485 E+00	9.3275 E+02	8.1113 E+03	3.7751 E+04	1.0188 E+02	7.1963 E+01	2.9949 E+06	2.3279 E+04	1.4765 E+04	6.3507 E+04
5.6759 E+02	9.9969 E+02	2.1006 E+05	- 1.9316 E+04	2.7572 E+05	1.7500 E+00	9.3275 E+02	7.6607 E+03	5.6017 E+04	1.0188 E+02	3.5981 E+01	1.0778 E+07	2.3279 E+04	1.1074 E+04	1.6565 E+05
5.6759 E+02	9.4089 E+02	2.5130 E+05	- 1.9316 E+04	2.6915 E+05	1.3485 E+00	9.3275 E+02	7.2101 E+03	1.3485 E+05	1.0188 E+02	0.0000 E+00	1.8005 E+07	2.3279 E+04	7.3825 E+03	4.9535 E+05
5.6759 E+02	8.8208 E+02	3.9711 E+05	- 1.9316 E+04	2.5602 E+05	1.3485 E+00	9.3275 E+02	6.7595 E+03	1.6811 E+05	6.3663 E+01	1.7631 E+03	8.5186 E-01	2.3279 E+04	3.6913 E+03	1.2145 E+06
5.6759 E+02	8.2328 E+02	4.9020 E+05	- 1.9316 E+04	2.4946 E+05	3.5000 E+00	9.3275 E+02	6.3088 E+03	2.0180 E+05	6.3663 E+01	1.7271 E+03	5.2785 E-01	2.3279 E+04	0.0000 E+00	8.2186 E+06
5.6759 E+02	7.6447 E+02	6.8544 E+05	- 1.9316 E+04	2.4290 E+05	2.3750 E+00	9.3275 E+02	5.8582 E+03	2.4772 E+05	6.3663 E+01	1.6911 E+03	7.3288 E-01	1.9094 E+04	1.7349 E+05	3.2401 E-01
5.6759 E+02	7.0567 E+02	8.8481 E+05	- 1.9316 E+04	2.3633 E+05	1.2500 E+00	9.3275 E+02	5.4076 E+03	3.6228 E+05	6.3663 E+01	1.6551 E+03	3.2401 E-01	1.9094 E+04	1.6242 E+05	1.6619 E+00
5.6759 E+02	6.4686 E+02	1.4412 E+06	- 1.9316 E+04	2.2320 E+05	1.2500 E+00	9.3275 E+02	4.9569 E+03	4.7840 E+05	6.3663 E+01	1.6192 E+03	4.9373 E-01	1.9094 E+04	1.5872 E+05	2.5458 E-01
5.6759 E+02	5.8806 E+02	1.7167 E+06	- 1.9316 E+04	2.1007 E+05	1.2500 E+00	9.3275 E+02	4.5063 E+03	7.4360 E+05	6.3663 E+01	1.5832 E+03	1.5494 E+00	1.9094 E+04	1.5503 E+05	7.3288 E-01
5.6759 E+02	5.2925 E+02	2.4161 E+06	- 1.9316 E+04	1.9694 E+05	4.0417 E-02	9.3275 E+02	4.0557 E+03	8.7119 E+05	6.3663 E+01	1.5472 E+03	3.2401 E-01	1.9094 E+04	1.5134 E+05	4.0887 E-01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&SRIE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.6759 E+02	4.7044 E+02	2.7495 E+06	- 1.9316 E+04	1.9038 E+05	8.0833 E-02	9.3275 E+02	3.6050 E+03	1.2773 E+06	6.3663 E+01	1.5112 E+03	2.3517 E+00	1.9094 E+04	1.4765 E+05	6.6345 E-01
5.6759 E+02	4.1164 E+02	3.3086 E+06	- 1.9316 E+04	1.8381 E+05	4.0417 E-02	9.3275 E+02	3.1544 E+03	1.8446 E+06	6.3663 E+01	1.4752 E+03	9.7219 E+00	1.9094 E+04	1.4396 E+05	5.8938 E+00
5.6759 E+02	3.5283 E+02	3.8107 E+06	- 1.9316 E+04	1.7725 E+05	4.0417 E-02	9.3275 E+02	2.7038 E+03	2.0526 E+06	6.3663 E+01	1.4393 E+03	6.8964 E+00	1.9094 E+04	1.4027 E+05	4.7530 E+00
5.6759 E+02	2.9403 E+02	4.0333 E+06	- 1.9316 E+04	1.6412 E+05	4.0417 E-02	9.3275 E+02	2.2532 E+03	2.3417 E+06	6.3663 E+01	1.4033 E+03	7.4633 E+00	1.9094 E+04	1.3658 E+05	4.9380 E+00
5.6759 E+02	2.3522 E+02	3.7899 E+06	- 1.9316 E+04	1.5755 E+05	4.0417 E-02	9.3275 E+02	1.8025 E+03	2.5193 E+06	6.3663 E+01	1.3673 E+03	1.7094 E+01	1.9094 E+04	1.3289 E+05	9.3978 E+01
5.6759 E+02	1.7642 E+02	4.8278 E+06	- 1.9316 E+04	1.5099 E+05	4.0417 E-02	9.3275 E+02	1.3519 E+03	2.7083 E+06	6.3663 E+01	1.3313 E+03	2.1087 E+01	1.9094 E+04	1.2919 E+05	2.6736 E+01
5.6759 E+02	1.1761 E+02	7.9626 E+06	- 1.9316 E+04	1.4442 E+05	1.4294 E+00	9.3275 E+02	9.0126 E+02	3.4841 E+06	6.3663 E+01	1.2953 E+03	3.0198 E+01	1.9094 E+04	1.2550 E+05	8.5213 E+00
5.6759 E+02	5.8806 E+01	1.6970 E+07	- 1.9316 E+04	1.3786 E+05	3.8890 E+00	9.3275 E+02	4.5063 E+02	9.0603 E+06	6.3663 E+01	1.2593 E+03	1.1815 E+02	1.9094 E+04	1.2181 E+05	1.2017 E+02
5.6759 E+02	0.0000 E+00	2.3301 E+07	- 1.9316 E+04	1.3129 E+05	5.0808 E+00	9.3275 E+02	0.0000 E+00	2.0266 E+07	6.3663 E+01	1.2234 E+03	7.5901 E+01	1.9094 E+04	1.1812 E+05	5.9899 E+01
5.0075 E+02	2.8227 E+03	3.2401 E-01	- 1.9316 E+04	1.2473 E+05	1.6422 E+00	4.0147 E+02	2.1180 E+04	2.2318 E+00	6.3663 E+01	1.1874 E+03	2.1557 E+02	1.9094 E+04	1.1443 E+05	1.5901 E+02
5.0075 E+02	2.4698 E+03	1.3485 E+00	- 1.9316 E+04	1.1817 E+05	6.1181 E+00	4.0147 E+02	2.0729 E+04	5.2785 E-01	6.3663 E+01	1.1514 E+03	3.3219 E+02	1.9094 E+04	1.1074 E+05	4.2270 E+02
5.0075 E+02	2.4110 E+03	1.5354 E+00	- 1.9316 E+04	1.1160 E+05	2.2828 E+01	4.0147 E+02	1.8926 E+04	8.5215 E+00	6.3663 E+01	1.1154 E+03	3.4649 E+02	1.9094 E+04	1.0705 E+05	2.5402 E+02
5.0075 E+02	2.3522 E+03	1.2040 E+00	- 1.9316 E+04	1.0504 E+05	1.2935 E+02	4.0147 E+02	1.8476 E+04	8.3863 E+01	6.3663 E+01	1.0794 E+03	3.1769 E+02	1.9094 E+04	1.0336 E+05	5.2128 E+02
5.0075 E+02	2.2934 E+03	1.0143 E+01	- 1.9316 E+04	9.8471 E+04	3.4284 E+03	4.0147 E+02	1.8025 E+04	8.3335 E+01	6.3663 E+01	1.0435 E+03	1.0334 E+03	1.9094 E+04	9.9664 E+04	2.8929 E+02
5.0075 E+02	2.2346 E+03	2.9445 E+01	- 1.9316 E+04	9.1906 E+04	2.8255 E+01	4.0147 E+02	1.7575 E+04	7.2232 E+00	6.3663 E+01	1.0075 E+03	7.0126 E+02	1.9094 E+04	9.5973 E+04	1.0813 E+02
5.0075 E+02	2.1758 E+03	5.1125 E+01	- 1.9316 E+04	8.5342 E+04	3.7950 E+03	4.0147 E+02	1.7124 E+04	2.9355 E+01	6.3663 E+01	9.7150 E+02	7.6050 E+02	1.9094 E+04	9.2282 E+04	9.7472 E+02
5.0075 E+02	2.1170 E+03	4.4737 E+01	- 1.9316 E+04	7.8777 E+04	3.3017 E+03	4.0147 E+02	1.6673 E+04	1.0744 E+02	6.3663 E+01	9.3551 E+02	1.0740 E+03	1.9094 E+04	8.8591 E+04	6.7747 E+02
5.0075 E+02	2.0582 E+03	5.2903 E+01	- 1.9316 E+04	7.2212 E+04	4.1897 E+03	4.0147 E+02	1.6223 E+04	4.9787 E+01	6.3663 E+01	8.9953 E+02	1.1841 E+03	1.9094 E+04	8.4899 E+04	8.0719 E+02

Original Instruction: T05 0138-8633 VER 00
VESTAS PROPRIETARY NOTICE
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.0075 E+02	1.9994 E+03	6.0348 E+01	- 1.9316 E+04	6.5647 E+04	5.1764 E+03	4.0147 E+02	1.5772 E+04	1.0480 E+03	6.3663 E+01	8.6355 E+02	1.9093 E+03	1.9094 E+04	8.1208 E+04	1.0891 E+03
5.0075 E+02	1.9406 E+03	1.1411 E+02	- 1.9316 E+04	5.9083 E+04	1.2914 E+04	4.0147 E+02	1.5321 E+04	2.9383 E+02	6.3663 E+01	8.2757 E+02	1.7795 E+03	1.9094 E+04	7.7517 E+04	1.7931 E+03
5.0075 E+02	1.8818 E+03	3.5316 E+02	- 1.9316 E+04	5.2518 E+04	3.0509 E+04	4.0147 E+02	1.4871 E+04	5.9854 E+02	6.3663 E+01	7.9159 E+02	2.6000 E+03	1.9094 E+04	7.3825 E+04	1.0159 E+03
5.0075 E+02	1.8230 E+03	4.2109 E+02	- 1.9316 E+04	4.5953 E+04	6.6420 E+04	4.0147 E+02	1.4420 E+04	5.3526 E+02	6.3663 E+01	7.5561 E+02	4.1519 E+03	1.9094 E+04	7.0134 E+04	1.3649 E+03
5.0075 E+02	1.7642 E+03	2.6970 E+03	- 1.9316 E+04	3.9388 E+04	1.4135 E+05	4.0147 E+02	1.3970 E+04	1.2428 E+03	6.3663 E+01	7.1963 E+02	3.9922 E+03	1.9094 E+04	6.6443 E+04	1.9748 E+03
5.0075 E+02	1.7054 E+03	2.4368 E+03	- 1.9316 E+04	3.2824 E+04	3.5294 E+05	4.0147 E+02	1.3519 E+04	2.6286 E+03	6.3663 E+01	6.8364 E+02	4.9470 E+03	1.9094 E+04	6.2752 E+04	3.8855 E+03
5.0075 E+02	1.6466 E+03	1.7040 E+03	- 1.9316 E+04	2.6259 E+04	8.5542 E+05	4.0147 E+02	1.3068 E+04	1.9145 E+02	6.3663 E+01	6.4766 E+02	5.2680 E+03	1.9094 E+04	5.9060 E+04	6.8930 E+03
5.0075 E+02	1.5877 E+03	2.5870 E+03	- 1.9316 E+04	1.9694 E+04	1.8376 E+06	4.0147 E+02	1.2618 E+04	2.9196 E+03	6.3663 E+01	6.1168 E+02	9.0451 E+03	1.9094 E+04	5.5369 E+04	9.9322 E+03
5.0075 E+02	1.5289 E+03	3.2577 E+03	- 1.9316 E+04	1.3129 E+04	3.0311 E+06	4.0147 E+02	1.2167 E+04	3.3938 E+03	6.3663 E+01	5.7570 E+02	1.2220 E+04	1.9094 E+04	5.1678 E+04	1.3878 E+04
5.0075 E+02	1.4701 E+03	6.1385 E+03	- 1.9316 E+04	6.5647 E+03	4.4082 E+06	4.0147 E+02	1.1716 E+04	5.8595 E+03	6.3663 E+01	5.3972 E+02	1.6609 E+04	1.9094 E+04	4.7987 E+04	1.7207 E+04
5.0075 E+02	1.4113 E+03	7.0894 E+03	- 1.9316 E+04	0.0000 E+00	1.4804 E+07	4.0147 E+02	1.1266 E+04	5.5837 E+03	6.3663 E+01	5.0374 E+02	2.4329 E+04	1.9094 E+04	4.4295 E+04	3.1423 E+04
5.0075 E+02	1.3525 E+03	1.1943 E+04	- 2.6986 E+04	3.0854 E+05	1.3485 E+00	4.0147 E+02	1.0815 E+04	7.4731 E+03	6.3663 E+01	4.6776 E+02	4.0397 E+04	1.9094 E+04	4.0604 E+04	3.9288 E+04
5.0075 E+02	1.2937 E+03	1.2596 E+04	- 2.6986 E+04	3.0198 E+05	1.3485 E+00	4.0147 E+02	1.0364 E+04	7.9062 E+03	6.3663 E+01	4.3178 E+02	6.0748 E+04	1.9094 E+04	3.6913 E+04	5.0109 E+04
5.0075 E+02	1.2349 E+03	2.3959 E+04	- 2.6986 E+04	2.9541 E+05	4.4471 E+00	4.0147 E+02	9.9139 E+03	1.9301 E+04	6.3663 E+01	3.9579 E+02	8.5398 E+04	1.9094 E+04	3.3221 E+04	8.8200 E+04
5.0075 E+02	1.1761 E+03	3.0185 E+04	- 2.6986 E+04	2.8228 E+05	4.8485 E+00	4.0147 E+02	9.4632 E+03	2.4997 E+04	6.3663 E+01	3.5981 E+02	1.2227 E+05	1.9094 E+04	2.9530 E+04	9.2109 E+04
5.0075 E+02	1.1173 E+03	6.3842 E+04	- 2.6986 E+04	2.7572 E+05	3.5000 E+00	4.0147 E+02	9.0126 E+03	3.2193 E+04	6.3663 E+01	3.2383 E+02	1.9109 E+05	1.9094 E+04	2.5839 E+04	1.3077 E+05
5.0075 E+02	1.0585 E+03	6.9103 E+04	- 2.6986 E+04	2.6915 E+05	5.2500 E+00	4.0147 E+02	8.5620 E+03	5.5497 E+04	6.3663 E+01	2.8785 E+02	2.8500 E+05	1.9094 E+04	2.2148 E+04	2.1483 E+05
5.0075 E+02	9.9969 E+02	1.0403 E+05	- 2.6986 E+04	2.6259 E+05	3.5000 E+00	4.0147 E+02	8.1113 E+03	9.2614 E+04	6.3663 E+01	2.5187 E+02	5.1419 E+05	1.9094 E+04	1.8456 E+04	2.6425 E+05

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.0075 E+02	9.4089 E+02	1.2761 E+05	- 2.6986 E+04	2.5602 E+05	8.0833 E-02	4.0147 E+02	7.6607 E+03	1.2174 E+05	6.3663 E+01	2.1589 E+02	8.8592 E+05	1.9094 E+04	1.4765 E+04	3.7870 E+05
5.0075 E+02	8.8208 E+02	2.1115 E+05	- 2.6986 E+04	2.4946 E+05	7.0000 E+00	4.0147 E+02	7.2101 E+03	1.2304 E+05	6.3663 E+01	1.7991 E+02	1.7071 E+06	1.9094 E+04	1.1074 E+04	7.1834 E+05
5.0075 E+02	8.2328 E+02	3.0810 E+05	- 2.6986 E+04	2.4290 E+05	4.8485 E+00	4.0147 E+02	6.7595 E+03	1.6302 E+05	6.3663 E+01	1.4393 E+02	3.1366 E+06	1.9094 E+04	7.3825 E+03	1.7674 E+06
5.0075 E+02	7.6447 E+02	4.2236 E+05	- 2.6986 E+04	2.3633 E+05	1.7500 E+00	4.0147 E+02	6.3088 E+03	2.6047 E+05	6.3663 E+01	1.0794 E+02	6.8716 E+06	1.9094 E+04	3.6913 E+03	4.9776 E+06
5.0075 E+02	7.0567 E+02	6.2346 E+05	- 2.6986 E+04	2.2320 E+05	3.0000 E+00	4.0147 E+02	5.8582 E+03	3.3196 E+05	6.3663 E+01	7.1963 E+01	1.7836 E+07	1.9094 E+04	0.0000 E+00	2.4445 E+07
5.0075 E+02	6.4686 E+02	8.1979 E+05	- 2.6986 E+04	2.1007 E+05	1.9154 E+00	4.0147 E+02	5.4076 E+03	5.1744 E+05	6.3663 E+01	3.5981 E+01	5.3017 E+07	1.4909 E+04	1.6242 E+05	8.5186 E-01
5.0075 E+02	5.8806 E+02	1.0670 E+06	- 2.6986 E+04	2.0351 E+05	1.9440 E-03	4.0147 E+02	4.9569 E+03	7.2639 E+05	6.3663 E+01	0.0000 E+00	7.4261 E+07	1.4909 E+04	1.5872 E+05	2.1851 E+00
5.0075 E+02	5.2925 E+02	1.4870 E+06	- 2.6986 E+04	1.9694 E+05	1.2500 E+00	4.0147 E+02	4.5063 E+03	8.3288 E+05	2.5447 E+01	1.6192 E+03	8.7406 E+01	1.4909 E+04	1.5503 E+05	2.5849 E+00
5.0075 E+02	4.7044 E+02	1.8515 E+06	- 2.6986 E+04	1.9038 E+05	4.0417 E-02	4.0147 E+02	4.0557 E+03	1.2926 E+06	2.5447 E+01	1.5832 E+03	9.3672 E-01	1.4909 E+04	1.5134 E+05	7.3799 E-01
5.0075 E+02	4.1164 E+02	2.5147 E+06	- 2.6986 E+04	1.7725 E+05	4.0417 E-02	4.0147 E+02	3.6050 E+03	1.3826 E+06	2.5447 E+01	1.5472 E+03	5.0864 E+00	1.4909 E+04	1.4765 E+05	2.4073 E+00
5.0075 E+02	3.5283 E+02	2.8081 E+06	- 2.6986 E+04	1.7068 E+05	3.4571 E+00	4.0147 E+02	3.1544 E+03	2.1807 E+06	2.5447 E+01	1.5112 E+03	2.9645 E+00	1.4909 E+04	1.4396 E+05	4.0276 E+00
5.0075 E+02	2.9403 E+02	3.2643 E+06	- 2.6986 E+04	1.6412 E+05	4.0417 E-02	4.0147 E+02	2.7038 E+03	2.6220 E+06	2.5447 E+01	1.4752 E+03	1.0577 E+01	1.4909 E+04	1.4027 E+05	7.7688 E+00
5.0075 E+02	2.3522 E+02	3.4790 E+06	- 2.6986 E+04	1.5755 E+05	1.0821 E+00	4.0147 E+02	2.2532 E+03	3.6520 E+06	2.5447 E+01	1.4393 E+03	5.8595 E+00	1.4909 E+04	1.3658 E+05	6.1024 E+00
5.0075 E+02	1.7642 E+02	3.5734 E+06	- 2.6986 E+04	1.5099 E+05	4.0417 E-02	4.0147 E+02	1.8025 E+03	3.5086 E+06	2.5447 E+01	1.4033 E+03	9.1543 E+01	1.4909 E+04	1.3289 E+05	1.0016 E+01
5.0075 E+02	1.1761 E+02	5.7502 E+06	- 2.6986 E+04	1.4442 E+05	1.1346 E+00	4.0147 E+02	1.3519 E+03	3.8401 E+06	2.5447 E+01	1.3673 E+03	1.2450 E+01	1.4909 E+04	1.2919 E+05	1.1403 E+01
5.0075 E+02	5.8806 E+01	1.5126 E+07	- 2.6986 E+04	1.3786 E+05	2.5805 E+01	4.0147 E+02	9.0126 E+02	5.7752 E+06	2.5447 E+01	1.3313 E+03	1.0018 E+01	1.4909 E+04	1.2550 E+05	9.4922 E+01
5.0075 E+02	0.0000 E+00	2.2298 E+07	- 2.6986 E+04	1.3129 E+05	1.6539 E+01	4.0147 E+02	4.5063 E+02	1.3985 E+07	2.5447 E+01	1.2953 E+03	3.2013 E+01	1.4909 E+04	1.2181 E+05	1.8681 E+02
4.3390 E+02	2.7051 E+03	3.2401 E-01	- 2.6986 E+04	1.2473 E+05	2.8069 E+01	4.0147 E+02	0.0000 E+00	3.1870 E+07	2.5447 E+01	1.2593 E+03	2.7650 E+01	1.4909 E+04	1.1812 E+05	2.9800 E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.3390 E+02	2.6462 E+03	5.2785 E-01	- 2.6986 E+04	1.1817 E+05	2.2153 E+00	- 1.2981 E+02	1.9377 E+04	2.2318 E+00	2.5447 E+01	1.2234 E+03	6.4811 E+01	1.4909 E+04	1.1443 E+05	4.8165 E+02
4.3390 E+02	2.5874 E+03	5.2785 E-01	- 2.6986 E+04	1.1160 E+05	2.0650 E+01	- 1.2981 E+02	1.8926 E+04	8.5215 E+00	2.5447 E+01	1.1874 E+03	3.0389 E+02	1.4909 E+04	1.1074 E+05	2.8398 E+02
4.3390 E+02	2.5286 E+03	4.2853 E+00	- 2.6986 E+04	1.0504 E+05	5.0410 E+01	- 1.2981 E+02	1.8476 E+04	2.9824 E+01	2.5447 E+01	1.1514 E+03	2.7962 E+02	1.4909 E+04	1.0705 E+05	3.3941 E+02
4.3390 E+02	2.4698 E+03	2.7596 E+00	- 2.6986 E+04	9.8471 E+04	1.0618 E+03	- 1.2981 E+02	1.8025 E+04	4.0417 E-02	2.5447 E+01	1.1154 E+03	3.2816 E+02	1.4909 E+04	1.0336 E+05	3.4549 E+02
4.3390 E+02	2.4110 E+03	7.7386 E+00	- 2.6986 E+04	9.1906 E+04	2.9068 E+01	- 1.2981 E+02	1.7575 E+04	2.0134 E+01	2.5447 E+01	1.0794 E+03	4.8965 E+02	1.4909 E+04	9.9664 E+04	2.9063 E+02
4.3390 E+02	2.3522 E+03	1.4016 E+01	- 2.6986 E+04	8.5342 E+04	7.4148 E+02	- 1.2981 E+02	1.7124 E+04	3.1719 E+01	2.5447 E+01	1.0435 E+03	4.6537 E+02	1.4909 E+04	9.5973 E+04	7.1244 E+02
4.3390 E+02	2.2934 E+03	1.9057 E+01	- 2.6986 E+04	7.8777 E+04	5.2307 E+03	- 1.2981 E+02	1.6673 E+04	1.2683 E+02	2.5447 E+01	1.0075 E+03	8.7447 E+02	1.4909 E+04	9.2282 E+04	1.1373 E+03
4.3390 E+02	2.2346 E+03	1.5938 E+01	- 2.6986 E+04	7.2212 E+04	1.1715 E+04	- 1.2981 E+02	1.6223 E+04	9.1250 E+01	2.5447 E+01	9.7150 E+02	1.5085 E+03	1.4909 E+04	8.8591 E+04	8.1859 E+02
4.3390 E+02	2.1758 E+03	2.6423 E+01	- 2.6986 E+04	6.5647 E+04	8.9066 E+03	- 1.2981 E+02	1.5772 E+04	1.0925 E+03	2.5447 E+01	9.3551 E+02	1.9374 E+03	1.4909 E+04	8.4899 E+04	9.5346 E+02
4.3390 E+02	2.1170 E+03	1.0158 E+02	- 2.6986 E+04	5.9083 E+04	1.1629 E+04	- 1.2981 E+02	1.5321 E+04	1.6285 E+03	2.5447 E+01	8.9953 E+02	2.1290 E+03	1.4909 E+04	8.1208 E+04	1.0406 E+03
4.3390 E+02	2.0582 E+03	1.6038 E+02	- 2.6986 E+04	5.2518 E+04	3.6227 E+04	- 1.2981 E+02	1.4871 E+04	1.0576 E+03	2.5447 E+01	8.6355 E+02	2.1490 E+03	1.4909 E+04	7.7517 E+04	2.8631 E+03
4.3390 E+02	1.9994 E+03	1.8424 E+02	- 2.6986 E+04	4.5953 E+04	7.3567 E+04	- 1.2981 E+02	1.4420 E+04	2.1869 E+03	2.5447 E+01	8.2757 E+02	2.5655 E+03	1.4909 E+04	7.3825 E+04	4.0068 E+03
4.3390 E+02	1.9406 E+03	5.8613 E+02	- 2.6986 E+04	3.9388 E+04	1.6914 E+05	- 1.2981 E+02	1.3970 E+04	2.2128 E+03	2.5447 E+01	7.9159 E+02	2.7789 E+03	1.4909 E+04	7.0134 E+04	5.5746 E+03
4.3390 E+02	1.8818 E+03	2.2517 E+02	- 2.6986 E+04	3.2824 E+04	3.2716 E+05	- 1.2981 E+02	1.3519 E+04	7.3436 E+03	2.5447 E+01	7.5561 E+02	4.7749 E+03	1.4909 E+04	6.6443 E+04	4.2491 E+03
4.3390 E+02	1.8230 E+03	3.9937 E+02	- 2.6986 E+04	2.6259 E+04	8.7634 E+05	- 1.2981 E+02	1.3068 E+04	7.1173 E+03	2.5447 E+01	7.1963 E+02	7.4011 E+03	1.4909 E+04	6.2752 E+04	6.6075 E+03
4.3390 E+02	1.7642 E+03	4.6081 E+02	- 2.6986 E+04	1.9694 E+04	2.3196 E+06	- 1.2981 E+02	1.2618 E+04	1.6764 E+04	2.5447 E+01	6.8364 E+02	8.7683 E+03	1.4909 E+04	5.9060 E+04	1.2006 E+04
4.3390 E+02	1.7054 E+03	1.1188 E+03	- 2.6986 E+04	1.3129 E+04	4.2869 E+06	- 1.2981 E+02	1.2167 E+04	2.3455 E+04	2.5447 E+01	6.4766 E+02	2.3334 E+04	1.4909 E+04	5.5369 E+04	3.4788 E+04
4.3390 E+02	1.6466 E+03	1.2196 E+03	- 2.6986 E+04	6.5647 E+03	5.7052 E+06	- 1.2981 E+02	1.1716 E+04	2.8644 E+04	2.5447 E+01	6.1168 E+02	3.0723 E+04	1.4909 E+04	5.1678 E+04	4.4718 E+04

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.3390 E+02	1.5877 E+03	1.6887 E+03	- 2.6986 E+04	0.0000 E+00	2.1340 E+07	- 1.2981 E+02	1.1266 E+04	3.6844 E+04	2.5447 E+01	5.7570 E+02	6.0838 E+04	1.4909 E+04	4.7987 E+04	8.0577 E+04
4.3390 E+02	1.5289 E+03	2.0479 E+03	- 3.4657 E+04	3.2167 E+05	2.6971 E+00	- 1.2981 E+02	1.0815 E+04	1.8485 E+04	2.5447 E+01	5.3972 E+02	5.9813 E+04	1.4909 E+04	4.4295 E+04	1.2388 E+05
4.3390 E+02	1.4701 E+03	3.7323 E+03	- 3.4657 E+04	3.1511 E+05	2.6971 E+00	- 1.2981 E+02	1.0364 E+04	2.8868 E+04	2.5447 E+01	5.0374 E+02	1.3847 E+05	1.4909 E+04	4.0604 E+04	1.7671 E+05
4.3390 E+02	1.4113 E+03	6.9949 E+03	- 3.4657 E+04	3.0198 E+05	1.7500 E+00	- 1.2981 E+02	9.9139 E+03	5.3225 E+04	2.5447 E+01	4.6776 E+02	2.0287 E+05	1.4909 E+04	3.6913 E+04	2.7266 E+05
4.3390 E+02	1.3525 E+03	1.2518 E+04	- 3.4657 E+04	2.8228 E+05	3.1390 E+00	- 1.2981 E+02	9.4632 E+03	5.6156 E+04	2.5447 E+01	4.3178 E+02	4.0585 E+05	1.4909 E+04	3.3221 E+04	3.3828 E+05
4.3390 E+02	1.2937 E+03	1.6090 E+04	- 3.4657 E+04	2.7572 E+05	1.3958 E+01	- 1.2981 E+02	9.0126 E+03	4.9976 E+04	2.5447 E+01	3.9579 E+02	7.8352 E+05	1.4909 E+04	2.9530 E+04	5.5075 E+05
4.3390 E+02	1.2349 E+03	2.0528 E+04	- 3.4657 E+04	2.6915 E+05	4.8485 E+00	- 1.2981 E+02	8.5620 E+03	7.2694 E+04	2.5447 E+01	3.5981 E+02	1.2158 E+06	1.4909 E+04	2.5839 E+04	8.9082 E+05
4.3390 E+02	1.1761 E+03	1.5548 E+04	- 3.4657 E+04	2.6259 E+05	8.3485 E+00	- 1.2981 E+02	8.1113 E+03	1.3482 E+05	2.5447 E+01	3.2383 E+02	2.0577 E+06	1.4909 E+04	2.2148 E+04	1.2283 E+06
4.3390 E+02	1.1173 E+03	2.2295 E+04	- 3.4657 E+04	2.5602 E+05	3.5404 E+00	- 1.2981 E+02	7.6607 E+03	1.3063 E+05	2.5447 E+01	2.8785 E+02	3.4500 E+06	1.4909 E+04	1.8456 E+04	1.8096 E+06
4.3390 E+02	1.0585 E+03	3.8305 E+04	- 3.4657 E+04	2.4946 E+05	1.7500 E+00	- 1.2981 E+02	7.2101 E+03	1.6897 E+05	2.5447 E+01	2.5187 E+02	6.2211 E+06	1.4909 E+04	1.4765 E+04	2.1144 E+06
4.3390 E+02	9.9969 E+02	4.6983 E+04	- 3.4657 E+04	2.4290 E+05	4.8485 E+00	- 1.2981 E+02	6.7595 E+03	3.1525 E+05	2.5447 E+01	2.1589 E+02	1.0930 E+07	1.4909 E+04	1.1074 E+04	2.8766 E+06
4.3390 E+02	9.4089 E+02	6.5029 E+04	- 3.4657 E+04	2.3633 E+05	6.2500 E-01	- 1.2981 E+02	6.3088 E+03	3.8134 E+05	2.5447 E+01	1.7991 E+02	1.9320 E+07	1.4909 E+04	7.3825 E+03	5.2766 E+06
4.3390 E+02	8.8208 E+02	1.0610 E+05	- 3.4657 E+04	2.2977 E+05	4.0417 E-02	- 1.2981 E+02	5.8582 E+03	4.4775 E+05	2.5447 E+01	1.4393 E+02	3.2175 E+07	1.4909 E+04	3.6913 E+03	1.3007 E+07
4.3390 E+02	8.2328 E+02	1.3076 E+05	- 3.4657 E+04	2.2320 E+05	2.4154 E+00	- 1.2981 E+02	5.4076 E+03	7.4795 E+05	2.5447 E+01	1.0794 E+02	4.9910 E+07	1.4909 E+04	0.0000 E+00	5.7941 E+07
4.3390 E+02	7.6447 E+02	2.2208 E+05	- 3.4657 E+04	2.1007 E+05	1.9154 E+00	- 1.2981 E+02	4.9569 E+03	8.6885 E+05	2.5447 E+01	7.1963 E+01	8.4674 E+07	1.0723 E+04	1.6980 E+05	5.2785 E-01
4.3390 E+02	7.0567 E+02	2.3230 E+05	- 3.4657 E+04	2.0351 E+05	1.8750 E+00	- 1.2981 E+02	4.5063 E+03	1.3237 E+06	2.5447 E+01	3.5981 E+01	1.7875 E+08	1.0723 E+04	1.6611 E+05	8.4860 E-02
4.3390 E+02	6.4686 E+02	3.0040 E+05	- 3.4657 E+04	1.9694 E+05	1.7510 E+00	- 1.2981 E+02	4.0557 E+03	1.8273 E+06	2.5447 E+01	0.0000 E+00	3.2540 E+08	1.0723 E+04	1.5503 E+05	3.2595 E-01
4.3390 E+02	5.8806 E+02	5.3698 E+05	- 3.4657 E+04	1.9038 E+05	9.3609 E+00	- 1.2981 E+02	3.6050 E+03	2.1850 E+06	- 1.2768 E+01	1.6911 E+03	1.9440 E-03	1.0723 E+04	1.5134 E+05	1.7278 E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.3390 E+02	5.2925 E+02	7.9563 E+05	- 3.4657 E+04	1.8381 E+05	1.9641 E+00	- 1.2981 E+02	3.1544 E+03	2.8242 E+06	- 1.2768 E+01	1.6551 E+03	2.8240 E+00	1.0723 E+04	1.4765 E+05	2.9925 E+00
4.3390 E+02	4.7044 E+02	1.1081 E+06	- 3.4657 E+04	1.7725 E+05	3.2165 E+00	- 1.2981 E+02	2.7038 E+03	4.0579 E+06	- 1.2768 E+01	1.6192 E+03	2.5000 E+00	1.0723 E+04	1.4396 E+05	9.6497 E+00
4.3390 E+02	4.1164 E+02	1.5189 E+06	- 3.4657 E+04	1.7068 E+05	1.1265 E+00	- 1.2981 E+02	2.2532 E+03	4.6976 E+06	- 1.2768 E+01	1.5832 E+03	8.4860 E-02	1.0723 E+04	1.4027 E+05	1.2073 E+00
4.3390 E+02	3.5283 E+02	2.3372 E+06	- 3.4657 E+04	1.6412 E+05	2.9089 E+00	- 1.2981 E+02	1.8025 E+03	5.3913 E+06	- 1.2768 E+01	1.5472 E+03	3.0711 E+00	1.0723 E+04	1.3658 E+05	8.7276 E+01
4.3390 E+02	2.9403 E+02	2.9821 E+06	- 3.4657 E+04	1.5755 E+05	1.7515 E+00	- 1.2981 E+02	1.3519 E+03	5.5959 E+06	- 1.2768 E+01	1.5112 E+03	1.1461 E+00	1.0723 E+04	1.3289 E+05	3.1530 E+00
4.3390 E+02	2.3522 E+02	3.4634 E+06	- 3.4657 E+04	1.5099 E+05	8.7961 E+01	- 1.2981 E+02	9.0126 E+02	7.2418 E+06	- 1.2768 E+01	1.4752 E+03	4.0417 E-02	1.0723 E+04	1.2919 E+05	9.9668 E+01
4.3390 E+02	1.7642 E+02	3.6973 E+06	- 3.4657 E+04	1.4442 E+05	2.2785 E+01	- 1.2981 E+02	4.5063 E+02	1.9106 E+07	- 1.2768 E+01	1.4393 E+03	5.0324 E+00	1.0723 E+04	1.2550 E+05	1.1568 E+01
4.3390 E+02	1.1761 E+02	4.8514 E+06	- 3.4657 E+04	1.3786 E+05	3.0006 E+01	- 1.2981 E+02	0.0000 E+00	4.7065 E+07	- 1.2768 E+01	1.4033 E+03	1.5033 E+01	1.0723 E+04	1.2181 E+05	2.7426 E+02
4.3390 E+02	5.8806 E+01	1.5318 E+07	- 3.4657 E+04	1.3129 E+05	1.2133 E+00	- 6.6110 E+02	2.2532 E+04	4.0417 E-02	- 1.2768 E+01	1.3673 E+03	3.6849 E+00	1.0723 E+04	1.1812 E+05	3.5930 E+02
4.3390 E+02	0.0000 E+00	2.6051 E+07	- 3.4657 E+04	1.2473 E+05	1.8685 E+01	- 6.6110 E+02	2.0729 E+04	2.8568 E+00	- 1.2768 E+01	1.3313 E+03	4.5365 E+00	1.0723 E+04	1.1443 E+05	2.0784 E+02
3.6706 E+02	2.7051 E+03	6.1271 E-01	- 3.4657 E+04	1.1817 E+05	2.3257 E+01	- 6.6110 E+02	2.0278 E+04	2.2318 E+00	- 1.2768 E+01	1.2953 E+03	1.6128 E+01	1.0723 E+04	1.1074 E+05	6.9994 E+01
3.6706 E+02	2.5874 E+03	6.1940 E-01	- 3.4657 E+04	1.1160 E+05	1.0169 E+02	- 6.6110 E+02	1.9828 E+04	4.0417 E-02	- 1.2768 E+01	1.2593 E+03	2.9996 E+01	1.0723 E+04	1.0705 E+05	1.2893 E+02
3.6706 E+02	2.5286 E+03	3.1559 E+00	- 3.4657 E+04	1.0504 E+05	8.7550 E+02	- 6.6110 E+02	1.8926 E+04	1.0838 E+01	- 1.2768 E+01	1.2234 E+03	2.1515 E+01	1.0723 E+04	1.0336 E+05	4.2550 E+02
3.6706 E+02	2.4698 E+03	2.1822 E+00	- 3.4657 E+04	9.8471 E+04	5.2877 E+02	- 6.6110 E+02	1.8476 E+04	2.1904 E+02	- 1.2768 E+01	1.1874 E+03	3.7114 E+01	1.0723 E+04	9.9664 E+04	4.9027 E+02
3.6706 E+02	2.4110 E+03	6.7824 E+00	- 3.4657 E+04	9.1906 E+04	5.5545 E+02	- 6.6110 E+02	1.8025 E+04	2.3718 E+01	- 1.2768 E+01	1.1514 E+03	7.8763 E+01	1.0723 E+04	9.5973 E+04	4.1022 E+02
3.6706 E+02	2.3522 E+03	5.7117 E+00	- 3.4657 E+04	8.5342 E+04	3.1909 E+03	- 6.6110 E+02	1.7575 E+04	2.9824 E+01	- 1.2768 E+01	1.1154 E+03	6.1846 E+01	1.0723 E+04	9.2282 E+04	7.0713 E+02
3.6706 E+02	2.2934 E+03	2.3228 E+01	- 3.4657 E+04	7.8777 E+04	3.7970 E+03	- 6.6110 E+02	1.7124 E+04	1.7546 E+02	- 1.2768 E+01	1.0794 E+03	1.1789 E+02	1.0723 E+04	8.8591 E+04	4.6545 E+02
3.6706 E+02	2.2346 E+03	9.1362 E+00	- 3.4657 E+04	7.2212 E+04	1.1642 E+04	- 6.6110 E+02	1.6673 E+04	1.5118 E+02	- 1.2768 E+01	1.0435 E+03	4.2696 E+02	1.0723 E+04	8.4899 E+04	9.8991 E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&SRIE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.6706 E+02	2.1758 E+03	1.0155 E+01	- 3.4657 E+04	6.5647 E+04	1.7319 E+04	- 6.6110 E+02	1.6223 E+04	1.1781 E+02	- 1.2768 E+01	1.0075 E+03	2.6887 E+02	1.0723 E+04	8.1208 E+04	1.4992 E+03
3.6706 E+02	2.1170 E+03	2.1692 E+01	- 3.4657 E+04	5.9083 E+04	2.9198 E+04	- 6.6110 E+02	1.5772 E+04	1.0946 E+02	- 1.2768 E+01	9.7150 E+02	2.8456 E+02	1.0723 E+04	7.7517 E+04	9.8638 E+02
3.6706 E+02	2.0582 E+03	1.1853 E+02	- 3.4657 E+04	5.2518 E+04	6.6709 E+04	- 6.6110 E+02	1.5321 E+04	2.8235 E+03	- 1.2768 E+01	9.3551 E+02	3.3763 E+02	1.0723 E+04	7.3825 E+04	2.8277 E+03
3.6706 E+02	1.9994 E+03	1.3089 E+02	- 3.4657 E+04	4.5953 E+04	7.8889 E+04	- 6.6110 E+02	1.4871 E+04	3.5092 E+03	- 1.2768 E+01	8.9953 E+02	6.9151 E+02	1.0723 E+04	7.0134 E+04	6.3494 E+03
3.6706 E+02	1.9406 E+03	3.3130 E+02	- 3.4657 E+04	3.9388 E+04	1.4510 E+05	- 6.6110 E+02	1.4420 E+04	4.2526 E+03	- 1.2768 E+01	8.6355 E+02	1.6911 E+03	1.0723 E+04	6.6443 E+04	1.1855 E+04
3.6706 E+02	1.8818 E+03	4.6713 E+02	- 3.4657 E+04	3.2824 E+04	3.6188 E+05	- 6.6110 E+02	1.3970 E+04	1.0750 E+04	- 1.2768 E+01	8.2757 E+02	2.0544 E+03	1.0723 E+04	6.2752 E+04	2.3510 E+04
3.6706 E+02	1.8230 E+03	4.0009 E+02	- 3.4657 E+04	2.6259 E+04	8.7849 E+05	- 6.6110 E+02	1.3519 E+04	1.7145 E+04	- 1.2768 E+01	7.9159 E+02	2.8889 E+03	1.0723 E+04	5.9060 E+04	3.3700 E+04
3.6706 E+02	1.7642 E+03	8.0571 E+02	- 3.4657 E+04	1.9694 E+04	2.4310 E+06	- 6.6110 E+02	1.3068 E+04	2.3918 E+04	- 1.2768 E+01	7.5561 E+02	3.3771 E+03	1.0723 E+04	5.5369 E+04	5.5909 E+04
3.6706 E+02	1.7054 E+03	6.8998 E+02	- 3.4657 E+04	1.3129 E+04	4.6800 E+06	- 6.6110 E+02	1.2618 E+04	4.8038 E+04	- 1.2768 E+01	7.1963 E+02	8.9161 E+03	1.0723 E+04	5.1678 E+04	8.1024 E+04
3.6706 E+02	1.6466 E+03	2.5165 E+03	- 3.4657 E+04	6.5647 E+03	6.7626 E+06	- 6.6110 E+02	1.2167 E+04	3.0239 E+04	- 1.2768 E+01	6.8364 E+02	1.2454 E+04	1.0723 E+04	4.7987 E+04	1.3432 E+05
3.6706 E+02	1.5877 E+03	1.8600 E+03	- 3.4657 E+04	0.0000 E+00	2.2134 E+07	- 6.6110 E+02	1.1716 E+04	4.4445 E+04	- 1.2768 E+01	6.4766 E+02	3.5108 E+04	1.0723 E+04	4.4295 E+04	1.7353 E+05
3.6706 E+02	1.5289 E+03	1.6652 E+03	- 4.2327 E+04	2.9541 E+05	6.5570 E+00	- 6.6110 E+02	1.1266 E+04	6.9969 E+04	- 1.2768 E+01	6.1168 E+02	3.6343 E+04	1.0723 E+04	4.0604 E+04	2.3675 E+05
3.6706 E+02	1.4701 E+03	2.2493 E+03	- 4.2327 E+04	2.8885 E+05	1.3485 E+00	- 6.6110 E+02	1.0815 E+04	9.3425 E+04	- 1.2768 E+01	5.7570 E+02	4.8599 E+04	1.0723 E+04	3.6913 E+04	3.5150 E+05
3.6706 E+02	1.4113 E+03	2.5674 E+03	- 4.2327 E+04	2.8228 E+05	1.3485 E+00	- 6.6110 E+02	1.0364 E+04	7.4090 E+04	- 1.2768 E+01	5.3972 E+02	6.1757 E+04	1.0723 E+04	3.3221 E+04	4.1921 E+05
3.6706 E+02	1.3525 E+03	8.5504 E+03	- 4.2327 E+04	2.7572 E+05	1.3485 E+00	- 6.6110 E+02	9.9139 E+03	1.2915 E+05	- 1.2768 E+01	5.0374 E+02	9.0232 E+04	1.0723 E+04	2.9530 E+04	6.1287 E+05
3.6706 E+02	1.2937 E+03	5.2156 E+03	- 4.2327 E+04	2.6915 E+05	1.3485 E+00	- 6.6110 E+02	9.4632 E+03	6.4091 E+04	- 1.2768 E+01	4.6776 E+02	1.7976 E+05	1.0723 E+04	2.5839 E+04	9.8867 E+05
3.6706 E+02	1.2349 E+03	9.0973 E+03	- 4.2327 E+04	2.6259 E+05	3.5000 E+00	- 6.6110 E+02	9.0126 E+03	8.1557 E+04	- 1.2768 E+01	4.3178 E+02	2.5095 E+05	1.0723 E+04	2.2148 E+04	1.4916 E+06
3.6706 E+02	1.1761 E+03	1.1197 E+04	- 4.2327 E+04	2.5602 E+05	1.1807 E+01	- 6.6110 E+02	8.5620 E+03	8.8066 E+04	- 1.2768 E+01	3.9579 E+02	5.1934 E+05	1.0723 E+04	1.8456 E+04	2.7002 E+06

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.6706 E+02	1.1173 E+03	1.2655 E+04	- 4.2327 E+04	2.4946 E+05	5.4735 E+00	- 6.6110 E+02	8.1113 E+03	1.3919 E+05	- 1.2768 E+01	3.5981 E+02	6.9092 E+05	1.0723 E+04	1.4765 E+04	4.0684 E+06
3.6706 E+02	1.0585 E+03	1.5490 E+04	- 4.2327 E+04	2.4290 E+05	7.0404 E+00	- 6.6110 E+02	7.6607 E+03	1.8304 E+05	- 1.2768 E+01	3.2383 E+02	1.3259 E+06	1.0723 E+04	1.1074 E+04	6.4713 E+06
3.6706 E+02	9.9969 E+02	2.3582 E+04	- 4.2327 E+04	2.3633 E+05	3.5000 E+00	- 6.6110 E+02	7.2101 E+03	2.7926 E+05	- 1.2768 E+01	2.8785 E+02	2.3945 E+06	1.0723 E+04	7.3825 E+03	1.0827 E+07
3.6706 E+02	9.4089 E+02	2.2717 E+04	- 4.2327 E+04	2.2320 E+05	5.2500 E+00	- 6.6110 E+02	6.7595 E+03	2.9862 E+05	- 1.2768 E+01	2.5187 E+02	3.8895 E+06	1.0723 E+04	3.6913 E+03	2.6265 E+07
3.6706 E+02	8.8208 E+02	3.0822 E+04	- 4.2327 E+04	2.1664 E+05	7.5835 E+00	- 6.6110 E+02	6.3088 E+03	4.7420 E+05	- 1.2768 E+01	2.1589 E+02	6.5773 E+06	1.0723 E+04	0.0000 E+00	1.0710 E+08
3.6706 E+02	8.2328 E+02	4.9071 E+04	- 4.2327 E+04	2.1007 E+05	1.7904 E+00	- 6.6110 E+02	5.8582 E+03	4.8313 E+05	- 1.2768 E+01	1.7991 E+02	1.1031 E+07	6.5378 E+03	1.6980 E+05	1.0000 E+01
3.6706 E+02	7.6447 E+02	8.8288 E+04	- 4.2327 E+04	1.9694 E+05	1.0798 E+01	- 6.6110 E+02	5.4076 E+03	7.5956 E+05	- 1.2768 E+01	1.4393 E+02	2.0184 E+07	6.5378 E+03	1.6611 E+05	2.5000 E+00
3.6706 E+02	7.0567 E+02	7.7965 E+04	- 4.2327 E+04	1.9038 E+05	2.0419 E-01	- 6.6110 E+02	4.9569 E+03	1.0017 E+06	- 1.2768 E+01	1.0794 E+02	3.5997 E+07	6.5378 E+03	1.5872 E+05	8.4860 E-02
3.6706 E+02	6.4686 E+02	1.3538 E+05	- 4.2327 E+04	1.8381 E+05	2.0775 E+00	- 6.6110 E+02	4.5063 E+03	1.2945 E+06	- 1.2768 E+01	7.1963 E+01	8.0193 E+07	6.5378 E+03	1.5503 E+05	8.4860 E-02
3.6706 E+02	5.8806 E+02	1.9332 E+05	- 4.2327 E+04	1.7725 E+05	2.0484 E+01	- 6.6110 E+02	4.0557 E+03	1.7156 E+06	- 1.2768 E+01	3.5981 E+01	1.9672 E+08	6.5378 E+03	1.4765 E+05	3.8456 E+00
3.6706 E+02	5.2925 E+02	3.0214 E+05	- 4.2327 E+04	1.7068 E+05	1.4253 E+01	- 6.6110 E+02	3.6050 E+03	2.4963 E+06	- 1.2768 E+01	0.0000 E+00	4.3665 E+08	6.5378 E+03	1.4396 E+05	2.9937 E+00
3.6706 E+02	4.7044 E+02	4.0928 E+05	- 4.2327 E+04	1.6412 E+05	4.1570 E+00	- 6.6110 E+02	3.1544 E+03	2.9481 E+06	- 5.0983 E+01	1.7991 E+03	5.2785 E-01	6.5378 E+03	1.4027 E+05	6.2962 E+00
3.6706 E+02	4.1164 E+02	7.8993 E+05	- 4.2327 E+04	1.5755 E+05	9.3902 E+01	- 6.6110 E+02	2.7038 E+03	3.9853 E+06	- 5.0983 E+01	1.6551 E+03	5.2785 E-01	6.5378 E+03	1.3658 E+05	5.4800 E+00
3.6706 E+02	3.5283 E+02	1.4392 E+06	- 4.2327 E+04	1.5099 E+05	7.5002 E+00	- 6.6110 E+02	2.2532 E+03	4.2783 E+06	- 5.0983 E+01	1.6192 E+03	5.2785 E-01	6.5378 E+03	1.3289 E+05	1.8335 E+02
3.6706 E+02	2.9403 E+02	2.3540 E+06	- 4.2327 E+04	1.4442 E+05	6.5220 E+00	- 6.6110 E+02	1.8025 E+03	5.0527 E+06	- 5.0983 E+01	1.5112 E+03	8.5853 E+01	6.5378 E+03	1.2919 E+05	2.1192 E+01
3.6706 E+02	2.3522 E+02	3.8467 E+06	- 4.2327 E+04	1.3786 E+05	1.5926 E+01	- 6.6110 E+02	1.3519 E+03	5.1487 E+06	- 5.0983 E+01	1.4752 E+03	5.5203 E-01	6.5378 E+03	1.2550 E+05	9.6086 E+01
3.6706 E+02	1.7642 E+02	4.5700 E+06	- 4.2327 E+04	1.3129 E+05	9.0764 E+01	- 6.6110 E+02	9.0126 E+02	6.4647 E+06	- 5.0983 E+01	1.4393 E+03	3.7171 E+00	6.5378 E+03	1.2181 E+05	2.5160 E+01
3.6706 E+02	1.1761 E+02	6.3564 E+06	- 4.2327 E+04	1.2473 E+05	1.4959 E+02	- 6.6110 E+02	4.5063 E+02	1.6166 E+07	- 5.0983 E+01	1.4033 E+03	2.1177 E+00	6.5378 E+03	1.1812 E+05	2.6552 E+01

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.6706 E+02	5.8806 E+01	1.7402 E+07	- 4.2327 E+04	1.1817 E+05	1.7545 E+02	- 6.6110 E+02	0.0000 E+00	3.6311 E+07	- 5.0983 E+01	1.3673 E+03	1.4324 E+01	6.5378 E+03	1.1443 E+05	2.1098 E+02
3.6706 E+02	0.0000 E+00	3.3198 E+07	- 4.2327 E+04	1.1160 E+05	1.0799 E+03	- 1.1924 E+03	1.9828 E+04	8.5215 E+00	- 5.0983 E+01	1.2953 E+03	9.0934 E+01	6.5378 E+03	1.1074 E+05	4.6465 E+01
3.0022 E+02	2.5874 E+03	1.3485 E+00	- 4.2327 E+04	1.0504 E+05	1.0146 E+03	- 1.1924 E+03	1.9377 E+04	4.9539 E+01	- 5.0983 E+01	1.2593 E+03	1.4895 E+01	6.5378 E+03	1.0705 E+05	7.7019 E+01
3.0022 E+02	2.5286 E+03	1.8764 E+00	- 4.2327 E+04	9.8471 E+04	2.0121 E+03	- 1.1924 E+03	1.8926 E+04	4.4636 E+00	- 5.0983 E+01	1.2234 E+03	8.8863 E+01	6.5378 E+03	1.0336 E+05	2.3608 E+02
3.0022 E+02	2.4698 E+03	2.2934 E+00	- 4.2327 E+04	9.1906 E+04	3.9752 E+03	- 1.1924 E+03	1.8476 E+04	5.2785 E-01	- 5.0983 E+01	1.1874 E+03	8.2140 E+00	6.5378 E+03	9.9664 E+04	2.6613 E+02
3.0022 E+02	2.4110 E+03	3.6340 E+00	- 4.2327 E+04	8.5342 E+04	7.4771 E+03	- 1.1924 E+03	1.8025 E+04	6.7520 E-02	- 5.0983 E+01	1.1514 E+03	2.4623 E+01	6.5378 E+03	9.5973 E+04	5.0839 E+02
3.0022 E+02	2.3522 E+03	1.3485 E+00	- 4.2327 E+04	7.8777 E+04	5.2082 E+03	- 1.1924 E+03	1.7575 E+04	2.6699 E+01	- 5.0983 E+01	1.1154 E+03	9.8290 E+01	6.5378 E+03	9.2282 E+04	2.8407 E+02
3.0022 E+02	2.2934 E+03	2.2004 E+00	- 4.2327 E+04	7.2212 E+04	4.0368 E+03	- 1.1924 E+03	1.7124 E+04	7.5205 E+01	- 5.0983 E+01	1.0794 E+03	2.0422 E+01	6.5378 E+03	8.8591 E+04	5.6813 E+02
3.0022 E+02	2.2346 E+03	4.0490 E+00	- 4.2327 E+04	6.5647 E+04	9.9308 E+03	- 1.1924 E+03	1.6673 E+04	6.6066 E+02	- 5.0983 E+01	1.0435 E+03	4.3197 E+01	6.5378 E+03	8.4899 E+04	8.8523 E+02
3.0022 E+02	2.1758 E+03	1.8490 E+01	- 4.2327 E+04	5.9083 E+04	2.6031 E+04	- 1.1924 E+03	1.6223 E+04	4.2063 E+02	- 5.0983 E+01	1.0075 E+03	7.3743 E+01	6.5378 E+03	8.1208 E+04	7.2688 E+02
3.0022 E+02	2.1170 E+03	8.2528 E+00	- 4.2327 E+04	5.2518 E+04	1.9416 E+04	- 1.1924 E+03	1.5772 E+04	2.0148 E+03	- 5.0983 E+01	9.7150 E+02	1.1631 E+02	6.5378 E+03	7.7517 E+04	3.7468 E+02
3.0022 E+02	2.0582 E+03	1.9011 E+01	- 4.2327 E+04	4.5953 E+04	7.2879 E+04	- 1.1924 E+03	1.5321 E+04	2.4374 E+03	- 5.0983 E+01	9.3551 E+02	7.9599 E+01	6.5378 E+03	7.3825 E+04	2.9436 E+03
3.0022 E+02	1.9994 E+03	2.0346 E+01	- 4.2327 E+04	3.9388 E+04	1.1173 E+05	- 1.1924 E+03	1.4871 E+04	3.4728 E+03	- 5.0983 E+01	8.9953 E+02	7.7713 E+01	6.5378 E+03	7.0134 E+04	2.4841 E+03
3.0022 E+02	1.9406 E+03	3.1917 E+01	- 4.2327 E+04	3.2824 E+04	2.9735 E+05	- 1.1924 E+03	1.4420 E+04	5.5879 E+03	- 5.0983 E+01	8.6355 E+02	3.1048 E+02	6.5378 E+03	6.6443 E+04	2.5024 E+03
3.0022 E+02	1.8818 E+03	5.9457 E+01	- 4.2327 E+04	2.6259 E+04	7.1583 E+05	- 1.1924 E+03	1.3970 E+04	1.0127 E+04	- 5.0983 E+01	8.2757 E+02	4.7070 E+02	6.5378 E+03	6.2752 E+04	6.7748 E+03
3.0022 E+02	1.8230 E+03	5.0314 E+01	- 4.2327 E+04	1.9694 E+04	1.7537 E+06	- 1.1924 E+03	1.3519 E+04	1.0629 E+04	- 5.0983 E+01	7.9159 E+02	3.3464 E+02	6.5378 E+03	5.9060 E+04	1.0864 E+04
3.0022 E+02	1.7642 E+03	6.3072 E+02	- 4.2327 E+04	1.3129 E+04	3.7493 E+06	- 1.1924 E+03	1.3068 E+04	1.9490 E+04	- 5.0983 E+01	7.5561 E+02	7.3575 E+02	6.5378 E+03	5.5369 E+04	2.1782 E+04
3.0022 E+02	1.7054 E+03	6.5023 E+01	- 4.2327 E+04	6.5647 E+03	5.3291 E+06	- 1.1924 E+03	1.2618 E+04	1.9684 E+04	- 5.0983 E+01	7.1963 E+02	1.8587 E+03	6.5378 E+03	5.1678 E+04	2.6095 E+04

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.0022 E+02	1.6466 E+03	8.2860 E+02	- 4.2327 E+04	0.0000 E+00	1.8772 E+07	- 1.1924 E+03	1.2167 E+04	2.9989 E+04	- 5.0983 E+01	6.8364 E+02	1.1425 E+03	6.5378 E+03	4.7987 E+04	4.6299 E+04
3.0022 E+02	1.5877 E+03	3.6668 E+03	- 4.9998 E+04	2.8885 E+05	1.3485 E+00	- 1.1924 E+03	1.1716 E+04	4.0714 E+04	- 5.0983 E+01	6.4766 E+02	1.1297 E+03	6.5378 E+03	4.4295 E+04	9.8325 E+04
3.0022 E+02	1.5289 E+03	2.8652 E+03	- 4.9998 E+04	2.8228 E+05	2.7375 E+00	- 1.1924 E+03	1.1266 E+04	6.6301 E+04	- 5.0983 E+01	6.1168 E+02	4.8693 E+03	6.5378 E+03	4.0604 E+04	1.0700 E+05
3.0022 E+02	1.4701 E+03	3.4208 E+03	- 4.9998 E+04	2.7572 E+05	4.4471 E+00	- 1.1924 E+03	1.0815 E+04	5.0887 E+04	- 5.0983 E+01	5.7570 E+02	4.3754 E+03	6.5378 E+03	3.6913 E+04	1.4019 E+05
3.0022 E+02	1.4113 E+03	5.8302 E+02	- 4.9998 E+04	2.6915 E+05	7.9056 E+00	- 1.1924 E+03	1.0364 E+04	8.8787 E+04	- 5.0983 E+01	5.3972 E+02	1.8547 E+03	6.5378 E+03	3.3221 E+04	2.1008 E+05
3.0022 E+02	1.3525 E+03	6.5678 E+02	- 4.9998 E+04	2.6259 E+05	5.2085 E+00	- 1.1924 E+03	9.9139 E+03	1.0171 E+05	- 5.0983 E+01	5.0374 E+02	3.7291 E+03	6.5378 E+03	2.9530 E+04	3.3116 E+05
3.0022 E+02	1.2937 E+03	4.6942 E+03	- 4.9998 E+04	2.5602 E+05	1.0057 E+01	- 1.1924 E+03	9.4632 E+03	1.0698 E+05	- 5.0983 E+01	4.6776 E+02	5.9525 E+03	6.5378 E+03	2.5839 E+04	5.2634 E+05
3.0022 E+02	1.2349 E+03	6.8249 E+03	- 4.9998 E+04	2.4946 E+05	1.7904 E+00	- 1.1924 E+03	9.0126 E+03	1.5105 E+05	- 5.0983 E+01	4.3178 E+02	5.5163 E+03	6.5378 E+03	2.2148 E+04	1.1272 E+06
3.0022 E+02	1.1761 E+03	5.4965 E+03	- 4.9998 E+04	2.4290 E+05	1.0057 E+01	- 1.1924 E+03	8.5620 E+03	1.5036 E+05	- 5.0983 E+01	3.9579 E+02	1.1288 E+04	6.5378 E+03	1.8456 E+04	2.5826 E+06
3.0022 E+02	1.1173 E+03	9.3892 E+03	- 4.9998 E+04	2.2977 E+05	6.2500 E-01	- 1.1924 E+03	8.1113 E+03	1.8982 E+05	- 5.0983 E+01	3.5981 E+02	1.6720 E+04	6.5378 E+03	1.4765 E+04	5.2898 E+06
3.0022 E+02	1.0585 E+03	5.2707 E+03	- 4.9998 E+04	2.2320 E+05	6.9585 E+00	- 1.1924 E+03	7.6607 E+03	2.0103 E+05	- 5.0983 E+01	3.2383 E+02	2.3137 E+04	6.5378 E+03	1.1074 E+04	1.0133 E+07
3.0022 E+02	9.9969 E+02	9.9778 E+03	- 4.9998 E+04	2.1007 E+05	4.0417 E-02	- 1.1924 E+03	7.2101 E+03	2.9004 E+05	- 5.0983 E+01	2.8785 E+02	3.1503 E+04	6.5378 E+03	7.3825 E+03	1.6069 E+07
3.0022 E+02	9.4089 E+02	9.6291 E+03	- 4.9998 E+04	2.0351 E+05	2.1770 E+01	- 1.1924 E+03	6.7595 E+03	3.3306 E+05	- 5.0983 E+01	2.5187 E+02	7.7599 E+04	6.5378 E+03	3.6913 E+03	3.0971 E+07
3.0022 E+02	8.8208 E+02	2.0149 E+04	- 4.9998 E+04	1.9694 E+05	1.0224 E+01	- 1.1924 E+03	6.3088 E+03	4.1462 E+05	- 5.0983 E+01	2.1589 E+02	1.7856 E+05	6.5378 E+03	0.0000 E+00	1.2499 E+08
3.0022 E+02	8.2328 E+02	3.6646 E+04	- 4.9998 E+04	1.9038 E+05	1.8455 E+01	- 1.1924 E+03	5.8582 E+03	7.0600 E+05	- 5.0983 E+01	1.7991 E+02	3.4800 E+05	2.3524 E+03	1.6980 E+05	5.2785 E-01
3.0022 E+02	7.6447 E+02	3.9040 E+04	- 4.9998 E+04	1.8381 E+05	4.1313 E+00	- 1.1924 E+03	5.4076 E+03	8.5327 E+05	- 5.0983 E+01	1.4393 E+02	7.7456 E+05	2.3524 E+03	1.6611 E+05	8.5837 E+01
3.0022 E+02	7.0567 E+02	2.4256 E+04	- 4.9998 E+04	1.7725 E+05	1.4827 E+01	- 1.1924 E+03	4.9569 E+03	1.1274 E+06	- 5.0983 E+01	1.0794 E+02	1.7948 E+06	2.3524 E+03	1.5872 E+05	8.3337 E+01
3.0022 E+02	6.4686 E+02	6.4735 E+04	- 4.9998 E+04	1.7068 E+05	8.8810 E+01	- 1.1924 E+03	4.5063 E+03	1.3000 E+06	- 5.0983 E+01	7.1963 E+01	6.2173 E+06	2.3524 E+03	1.5503 E+05	8.4860 E-02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.0022 E+02	5.8806 E+02	6.6191 E+04	- 4.9998 E+04	1.6412 E+05	1.0803 E+02	- 1.1924 E+03	4.0557 E+03	1.6670 E+06	- 5.0983 E+01	3.5981 E+01	2.4137 E+07	2.3524 E+03	1.5134 E+05	3.1127 E+00
3.0022 E+02	5.2925 E+02	9.2136 E+04	- 4.9998 E+04	1.5755 E+05	1.1651 E+01	- 1.1924 E+03	3.6050 E+03	2.3915 E+06	- 5.0983 E+01	0.0000 E+00	5.5222 E+07	2.3524 E+03	1.4765 E+05	8.4860 E-02
3.0022 E+02	4.7044 E+02	2.2566 E+05	- 4.9998 E+04	1.5099 E+05	1.4734 E+01	- 1.1924 E+03	3.1544 E+03	3.0170 E+06	- 8.9199 E+01	1.7631 E+03	5.2785 E-01	2.3524 E+03	1.4396 E+05	3.9769 E+00
3.0022 E+02	4.1164 E+02	3.9000 E+05	- 4.9998 E+04	1.4442 E+05	1.8900 E+01	- 1.1924 E+03	2.7038 E+03	3.2072 E+06	- 8.9199 E+01	1.5832 E+03	2.5000 E+00	2.3524 E+03	1.4027 E+05	5.6827 E-01
3.0022 E+02	3.5283 E+02	8.4471 E+05	- 4.9998 E+04	1.3786 E+05	5.1436 E+01	- 1.1924 E+03	2.2532 E+03	3.5969 E+06	- 8.9199 E+01	1.4752 E+03	8.4860 E-02	2.3524 E+03	1.3658 E+05	9.5535 E+00
3.0022 E+02	2.9403 E+02	1.6583 E+06	- 4.9998 E+04	1.3129 E+05	3.8357 E+02	- 1.1924 E+03	1.8025 E+03	3.6071 E+06	- 8.9199 E+01	1.4033 E+03	3.2401 E-01	2.3524 E+03	1.3289 E+05	1.5692 E+01
3.0022 E+02	2.3522 E+02	3.0242 E+06	- 4.9998 E+04	1.2473 E+05	3.9358 E+02	- 1.1924 E+03	1.3519 E+03	3.7859 E+06	- 8.9199 E+01	1.3313 E+03	1.1341 E+00	2.3524 E+03	1.2919 E+05	1.5716 E+01
3.0022 E+02	1.7642 E+02	4.2648 E+06	- 4.9998 E+04	1.1817 E+05	6.2223 E+02	- 1.1924 E+03	9.0126 E+02	5.0536 E+06	- 8.9199 E+01	1.2593 E+03	8.1774 E-01	2.3524 E+03	1.2550 E+05	8.8198 E+00
3.0022 E+02	1.1761 E+02	6.5024 E+06	- 4.9998 E+04	1.1160 E+05	3.3982 E+03	- 1.1924 E+03	4.5063 E+02	1.4377 E+07	- 8.9199 E+01	1.2234 E+03	1.9390 E-01	2.3524 E+03	1.2181 E+05	9.6444 E+01
3.0022 E+02	5.8806 E+01	1.9289 E+07	- 4.9998 E+04	1.0504 E+05	1.2697 E+03	- 1.1924 E+03	0.0000 E+00	2.9251 E+07	- 8.9199 E+01	1.1874 E+03	8.3737 E+00	2.3524 E+03	1.1812 E+05	1.0482 E+01
3.0022 E+02	0.0000 E+00	4.5046 E+07	- 4.9998 E+04	9.8471 E+04	2.6083 E+03	- 1.7237 E+03	2.0278 E+04	5.2785 E-01	- 8.9199 E+01	1.1514 E+03	8.3418 E+01	2.3524 E+03	1.1443 E+05	1.8077 E+01
2.3337 E+02	2.9403 E+03	8.4860 E-02	- 4.9998 E+04	9.1906 E+04	7.0882 E+03	- 1.7237 E+03	1.9828 E+04	5.6827 E-01	- 8.9199 E+01	1.1154 E+03	5.4211 E+00	2.3524 E+03	1.1074 E+05	1.2642 E+02
2.3337 E+02	2.4698 E+03	1.4334 E+00	- 4.9998 E+04	8.5342 E+04	5.8888 E+03	- 1.7237 E+03	1.9377 E+04	5.2785 E-01	- 8.9199 E+01	1.0794 E+03	1.7167 E+02	2.3524 E+03	1.0705 E+05	2.6474 E+02
2.3337 E+02	2.4110 E+03	3.2401 E-01	- 4.9998 E+04	7.8777 E+04	6.3569 E+03	- 1.7237 E+03	1.8926 E+04	2.0107 E+01	- 8.9199 E+01	1.0435 E+03	1.0779 E+01	2.3524 E+03	1.0336 E+05	2.7578 E+02
2.3337 E+02	2.3522 E+03	1.7904 E+00	- 4.9998 E+04	7.2212 E+04	9.0348 E+03	- 1.7237 E+03	1.8476 E+04	5.2785 E-01	- 8.9199 E+01	1.0075 E+03	3.3951 E+00	2.3524 E+03	9.9664 E+04	2.9116 E+01
2.3337 E+02	2.2934 E+03	1.3890 E+00	- 4.9998 E+04	6.5647 E+04	1.0782 E+04	- 1.7237 E+03	1.8025 E+04	1.0090 E+01	- 8.9199 E+01	9.7150 E+02	2.6246 E+00	2.3524 E+03	9.5973 E+04	2.0588 E+02
2.3337 E+02	2.2346 E+03	1.0732 E+01	- 4.9998 E+04	5.9083 E+04	2.2454 E+04	- 1.7237 E+03	1.7575 E+04	2.7918 E+02	- 8.9199 E+01	9.3551 E+02	2.3650 E+01	2.3524 E+03	9.2282 E+04	1.8145 E+03
2.3337 E+02	2.1758 E+03	6.5556 E+00	- 4.9998 E+04	5.2518 E+04	2.4586 E+04	- 1.7237 E+03	1.7124 E+04	9.4771 E+01	- 8.9199 E+01	8.9953 E+02	2.3399 E+01	2.3524 E+03	8.8591 E+04	1.1651 E+03

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by WBS/RE
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.3337 E+02	2.1170 E+03	1.1007 E+01	- 4.9998 E+04	4.5953 E+04	5.1247 E+04	- 1.7237 E+03	1.6673 E+04	1.3745 E+02	- 8.9199 E+01	8.6355 E+02	2.9280 E+01	2.3524 E+03	8.4899 E+04	4.5045 E+02
2.3337 E+02	2.0582 E+03	1.7186 E+01	- 4.9998 E+04	3.9388 E+04	1.2644 E+05	- 1.7237 E+03	1.6223 E+04	1.4766 E+02	- 8.9199 E+01	8.2757 E+02	6.6074 E+01	2.3524 E+03	8.1208 E+04	1.3314 E+02
2.3337 E+02	1.9994 E+03	1.1183 E+01	- 4.9998 E+04	3.2824 E+04	2.7840 E+05	- 1.7237 E+03	1.5772 E+04	1.9451 E+03	- 8.9199 E+01	7.9159 E+02	1.8908 E+02	2.3524 E+03	7.7517 E+04	1.4797 E+02
2.3337 E+02	1.9406 E+03	5.2209 E+02	- 4.9998 E+04	2.6259 E+04	6.0918 E+05	- 1.7237 E+03	1.5321 E+04	2.2863 E+03	- 8.9199 E+01	7.5561 E+02	7.3753 E+01	2.3524 E+03	7.3825 E+04	1.7028 E+02
2.3337 E+02	1.8818 E+03	5.1432 E+02	- 4.9998 E+04	1.9694 E+04	1.8215 E+06	- 1.7237 E+03	1.4871 E+04	5.3468 E+02	- 8.9199 E+01	7.1963 E+02	1.2495 E+02	2.3524 E+03	7.0134 E+04	3.0434 E+02
2.3337 E+02	1.8230 E+03	5.6719 E+00	- 4.9998 E+04	1.3129 E+04	2.3644 E+06	- 1.7237 E+03	1.4420 E+04	3.0515 E+03	- 8.9199 E+01	6.8364 E+02	6.8408 E+01	2.3524 E+03	6.6443 E+04	6.4488 E+02
2.3337 E+02	1.7642 E+03	7.9594 E+00	- 4.9998 E+04	6.5647 E+03	3.3969 E+06	- 1.7237 E+03	1.3970 E+04	2.8030 E+03	- 8.9199 E+01	6.4766 E+02	2.5941 E+02	2.3524 E+03	6.2752 E+04	5.5776 E+02
2.3337 E+02	1.7054 E+03	1.5314 E+01	- 4.9998 E+04	0.0000 E+00	1.2728 E+07	- 1.7237 E+03	1.3519 E+04	7.5546 E+03	- 8.9199 E+01	6.1168 E+02	5.2369 E+02	2.3524 E+03	5.9060 E+04	1.2553 E+03
2.3337 E+02	1.6466 E+03	6.4033 E+02	- 5.7669 E+04	3.0198 E+05	1.3485 E+00	- 1.7237 E+03	1.3068 E+04	8.6678 E+03	- 8.9199 E+01	5.7570 E+02	3.2536 E+02	2.3524 E+03	5.5369 E+04	8.3244 E+03
2.3337 E+02	1.5877 E+03	3.5375 E+01	- 5.7669 E+04	2.8228 E+05	4.0457 E+00	- 1.7237 E+03	1.2618 E+04	5.4121 E+03	- 8.9199 E+01	5.3972 E+02	2.3638 E+02	2.3524 E+03	5.1678 E+04	1.1820 E+04
2.3337 E+02	1.5289 E+03	2.1357 E+01	- 5.7669 E+04	2.7572 E+05	1.3485 E+00	- 1.7237 E+03	1.2167 E+04	1.1891 E+04	- 8.9199 E+01	5.0374 E+02	6.0268 E+02	2.3524 E+03	4.7987 E+04	2.1631 E+04
2.3337 E+02	1.4701 E+03	6.0825 E+02	- 5.7669 E+04	2.6915 E+05	1.3485 E+00	- 1.7237 E+03	1.1716 E+04	1.3974 E+04	- 8.9199 E+01	4.6776 E+02	5.0073 E+02	2.3524 E+03	4.4295 E+04	4.8790 E+04
2.3337 E+02	1.4113 E+03	7.7663 E+02	- 5.7669 E+04	2.6259 E+05	2.6971 E+00	- 1.7237 E+03	1.1266 E+04	9.0220 E+03	- 8.9199 E+01	4.3178 E+02	1.7913 E+03	2.3524 E+03	4.0604 E+04	7.0677 E+04
2.3337 E+02	1.3525 E+03	2.0508 E+03	- 5.7669 E+04	2.5602 E+05	1.3485 E+00	- 1.7237 E+03	1.0815 E+04	4.8195 E+04	- 8.9199 E+01	3.9579 E+02	1.0219 E+03	2.3524 E+03	3.6913 E+04	1.4240 E+05
2.3337 E+02	1.2937 E+03	5.6985 E+02	- 5.7669 E+04	2.4290 E+05	5.2085 E+00	- 1.7237 E+03	1.0364 E+04	4.4506 E+04	- 8.9199 E+01	3.5981 E+02	2.3373 E+03	2.3524 E+03	3.3221 E+04	2.1660 E+05
2.3337 E+02	1.2349 E+03	5.5917 E+02	- 5.7669 E+04	2.3633 E+05	5.2085 E+00	- 1.7237 E+03	9.9139 E+03	6.7608 E+04	- 8.9199 E+01	3.2383 E+02	1.5088 E+03	2.3524 E+03	2.9530 E+04	4.3734 E+05
2.3337 E+02	1.1761 E+03	1.8876 E+03	- 5.7669 E+04	2.2977 E+05	1.9196 E+01	- 1.7237 E+03	9.4632 E+03	1.2622 E+05	- 8.9199 E+01	2.8785 E+02	4.0469 E+03	2.3524 E+03	2.5839 E+04	9.3449 E+05
2.3337 E+02	1.1173 E+03	9.6046 E+02	- 5.7669 E+04	2.2320 E+05	1.1917 E+01	- 1.7237 E+03	9.0126 E+03	1.4813 E+05	- 8.9199 E+01	2.5187 E+02	5.8780 E+03	2.3524 E+03	2.2148 E+04	2.0588 E+06

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S/RE
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.3337 E+02	1.0585 E+03	2.0231 E+03	- 5.7669 E+04	2.1664 E+05	4.1768 E+01	- 1.7237 E+03	8.5620 E+03	2.0454 E+05	- 8.9199 E+01	2.1589 E+02	2.5889 E+04	2.3524 E+03	1.8456 E+04	3.8740 E+06
2.3337 E+02	9.9969 E+02	1.9826 E+03	- 5.7669 E+04	2.1007 E+05	2.0123 E+01	- 1.7237 E+03	8.1113 E+03	2.1053 E+05	- 8.9199 E+01	1.7991 E+02	5.8888 E+04	2.3524 E+03	1.4765 E+04	7.7723 E+06
2.3337 E+02	9.4089 E+02	1.1365 E+03	- 5.7669 E+04	2.0351 E+05	1.3018 E+01	- 1.7237 E+03	7.6607 E+03	3.1393 E+05	- 8.9199 E+01	1.4393 E+02	1.5286 E+05	2.3524 E+03	1.1074 E+04	1.4376 E+07
2.3337 E+02	8.8208 E+02	5.8458 E+03	- 5.7669 E+04	1.9694 E+05	2.2039 E+01	- 1.7237 E+03	7.2101 E+03	3.4421 E+05	- 8.9199 E+01	1.0794 E+02	4.1581 E+05	2.3524 E+03	7.3825 E+03	2.4228 E+07
2.3337 E+02	8.2328 E+02	6.8057 E+03	- 5.7669 E+04	1.9038 E+05	2.5599 E+00	- 1.7237 E+03	6.7595 E+03	4.1341 E+05	- 8.9199 E+01	7.1963 E+01	1.2341 E+06	2.3524 E+03	3.6913 E+03	4.1536 E+07
2.3337 E+02	7.6447 E+02	4.3387 E+03	- 5.7669 E+04	1.8381 E+05	9.9185 E+00	- 1.7237 E+03	6.3088 E+03	4.9241 E+05	- 8.9199 E+01	3.5981 E+01	4.7503 E+06	2.3524 E+03	0.0000 E+00	1.3037 E+08
2.3337 E+02	7.0567 E+02	2.5084 E+04	- 5.7669 E+04	1.7725 E+05	1.0013 E+02	- 1.7237 E+03	5.8582 E+03	8.9898 E+05	- 8.9199 E+01	0.0000 E+00	1.0209 E+07	- 1.8330 E+03	1.8456 E+05	2.5000 E+00
2.3337 E+02	6.4686 E+02	3.4395 E+04	- 5.7669 E+04	1.7068 E+05	1.4544 E+01	- 1.7237 E+03	5.4076 E+03	1.0378 E+06	- 1.2741 E+02	1.4033 E+03	1.9440 E-03	- 1.8330 E+03	1.6242 E+05	5.2785 E-01
2.3337 E+02	5.8806 E+02	6.4081 E+04	- 5.7669 E+04	1.6412 E+05	1.7694 E+02	- 1.7237 E+03	4.9569 E+03	1.0990 E+06	- 1.2741 E+02	1.3673 E+03	2.5000 E+00	- 1.8330 E+03	1.5503 E+05	1.9440 E-03
2.3337 E+02	5.2925 E+02	1.2981 E+05	- 5.7669 E+04	1.5755 E+05	2.4841 E+01	- 1.7237 E+03	4.5063 E+03	1.5420 E+06	- 1.2741 E+02	1.2953 E+03	1.2092 E-02	- 1.8330 E+03	1.3289 E+05	7.0535 E+00
2.3337 E+02	4.7044 E+02	2.0564 E+05	- 5.7669 E+04	1.5099 E+05	2.7433 E+01	- 1.7237 E+03	4.0557 E+03	1.9379 E+06	- 1.2741 E+02	1.2234 E+03	1.0557 E+00	- 1.8330 E+03	1.2919 E+05	4.4929 E-01
2.3337 E+02	4.1164 E+02	4.4375 E+05	- 5.7669 E+04	1.4442 E+05	4.4805 E+02	- 1.7237 E+03	3.6050 E+03	2.2795 E+06	- 1.2741 E+02	1.1874 E+03	6.5307 E+00	- 1.8330 E+03	1.2550 E+05	6.1810 E+00
2.3337 E+02	3.5283 E+02	1.0054 E+06	- 5.7669 E+04	1.3786 E+05	2.8056 E+02	- 1.7237 E+03	3.1544 E+03	2.4609 E+06	- 1.2741 E+02	1.1514 E+03	5.0242 E+00	- 1.8330 E+03	1.2181 E+05	8.3642 E+00
2.3337 E+02	2.9403 E+02	1.8482 E+06	- 5.7669 E+04	1.3129 E+05	2.8630 E+02	- 1.7237 E+03	2.7038 E+03	3.1714 E+06	- 1.2741 E+02	1.1154 E+03	2.0833 E+00	- 1.8330 E+03	1.1812 E+05	9.1669 E+01
2.3337 E+02	2.3522 E+02	3.7541 E+06	- 5.7669 E+04	1.2473 E+05	5.9356 E+02	- 1.7237 E+03	2.2532 E+03	2.7898 E+06	- 1.2741 E+02	1.0794 E+03	1.0086 E+01	- 1.8330 E+03	1.1443 E+05	1.0177 E+01
2.3337 E+02	1.7642 E+02	7.7521 E+06	- 5.7669 E+04	1.1817 E+05	2.7491 E+02	- 1.7237 E+03	1.8025 E+03	2.6179 E+06	- 1.2741 E+02	1.0435 E+03	4.5833 E+00	- 1.8330 E+03	1.1074 E+05	1.7508 E+02
2.3337 E+02	1.1761 E+02	1.0818 E+07	- 5.7669 E+04	1.1160 E+05	6.6034 E+02	- 1.7237 E+03	1.3519 E+03	3.1825 E+06	- 1.2741 E+02	1.0075 E+03	1.1406 E+00	- 1.8330 E+03	1.0705 E+05	8.4761 E+02
2.3337 E+02	5.8806 E+01	2.5344 E+07	- 5.7669 E+04	1.0504 E+05	3.2642 E+03	- 1.7237 E+03	9.0126 E+02	4.4315 E+06	- 1.2741 E+02	9.7150 E+02	7.2885 E-01	- 1.8330 E+03	1.0336 E+05	1.6913 E+03

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.3337 E+02	0.0000 E+00	5.9127 E+07	- 5.7669 E+04	9.8471 E+04	1.9087 E+03	- 1.7237 E+03	4.5063 E+02	1.1065 E+07	- 1.2741 E+02	9.3551 E+02	1.0576 E+00	- 1.8330 E+03	9.9664 E+04	8.5277 E+02
1.6653 E+02	2.8815 E+03	1.3485 E+00	- 5.7669 E+04	9.1906 E+04	4.5446 E+03	- 1.7237 E+03	0.0000 E+00	2.3197 E+07	- 1.2741 E+02	8.9953 E+02	3.1390 E+00	- 1.8330 E+03	9.5973 E+04	1.7034 E+03
1.6653 E+02	2.7639 E+03	8.4860 E-02	- 5.7669 E+04	8.5342 E+04	5.4157 E+03	- 2.2549 E+03	1.9828 E+04	7.1485 E+00	- 1.2741 E+02	8.6355 E+02	2.2681 E+00	- 1.8330 E+03	9.2282 E+04	1.0989 E+02
1.6653 E+02	2.6462 E+03	8.0833 E-02	- 5.7669 E+04	7.8777 E+04	1.4728 E+04	- 2.2549 E+03	1.9377 E+04	4.9579 E+01	- 1.2741 E+02	8.2757 E+02	1.6150 E+01	- 1.8330 E+03	8.8591 E+04	1.2834 E+02
1.6653 E+02	2.4698 E+03	1.7500 E+00	- 5.7669 E+04	7.2212 E+04	5.5918 E+03	- 2.2549 E+03	1.8926 E+04	4.9590 E+01	- 1.2741 E+02	7.9159 E+02	1.8499 E+02	- 1.8330 E+03	8.4899 E+04	5.9977 E+01
1.6653 E+02	2.3522 E+03	2.3750 E+00	- 5.7669 E+04	6.5647 E+04	2.5139 E+04	- 2.2549 E+03	1.8476 E+04	2.8672 E+00	- 1.2741 E+02	7.5561 E+02	9.6329 E+00	- 1.8330 E+03	8.1208 E+04	1.0375 E+03
1.6653 E+02	2.2934 E+03	1.3485 E+00	- 5.7669 E+04	5.9083 E+04	3.7482 E+04	- 2.2549 E+03	1.8025 E+04	9.0797 E+01	- 1.2741 E+02	7.1963 E+02	9.2729 E+01	- 1.8330 E+03	7.7517 E+04	1.7600 E+03
1.6653 E+02	2.2346 E+03	4.9738 E+00	- 5.7669 E+04	5.2518 E+04	3.7811 E+04	- 2.2549 E+03	1.7575 E+04	2.8129 E+02	- 1.2741 E+02	6.8364 E+02	2.2582 E+02	- 1.8330 E+03	7.3825 E+04	4.3633 E+03
1.6653 E+02	2.1758 E+03	5.0721 E+00	- 5.7669 E+04	4.5953 E+04	7.5090 E+04	- 2.2549 E+03	1.7124 E+04	3.1524 E+02	- 1.2741 E+02	6.4766 E+02	2.0609 E+02	- 1.8330 E+03	7.0134 E+04	1.8156 E+03
1.6653 E+02	2.1170 E+03	6.1971 E+00	- 5.7669 E+04	3.9388 E+04	1.7868 E+05	- 2.2549 E+03	1.6673 E+04	1.0537 E+00	- 1.2741 E+02	6.1168 E+02	4.7461 E+01	- 1.8330 E+03	6.6443 E+04	5.3478 E+03
1.6653 E+02	2.0582 E+03	5.2904 E+00	- 5.7669 E+04	3.2824 E+04	4.6005 E+05	- 2.2549 E+03	1.6223 E+04	2.0921 E+02	- 1.2741 E+02	5.7570 E+02	1.0191 E+02	- 1.8330 E+03	6.2752 E+04	7.8353 E+03
1.6653 E+02	1.9994 E+03	4.0417 E-02	- 5.7669 E+04	2.6259 E+04	9.2851 E+05	- 2.2549 E+03	1.5772 E+04	4.2034 E+02	- 1.2741 E+02	5.3972 E+02	6.1298 E+01	- 1.8330 E+03	5.9060 E+04	4.8663 E+03
1.6653 E+02	1.9406 E+03	1.0453 E+01	- 5.7669 E+04	1.9694 E+04	1.8649 E+06	- 2.2549 E+03	1.5321 E+04	5.1229 E+01	- 1.2741 E+02	5.0374 E+02	1.5526 E+02	- 1.8330 E+03	5.5369 E+04	1.1313 E+04
1.6653 E+02	1.8818 E+03	7.3333 E+00	- 5.7669 E+04	1.3129 E+04	2.8693 E+06	- 2.2549 E+03	1.4871 E+04	7.2789 E+02	- 1.2741 E+02	4.6776 E+02	7.2942 E+01	- 1.8330 E+03	5.1678 E+04	1.2369 E+04
1.6653 E+02	1.8230 E+03	7.6239 E+00	- 5.7669 E+04	6.5647 E+03	3.5538 E+06	- 2.2549 E+03	1.4420 E+04	4.3863 E+02	- 1.2741 E+02	4.3178 E+02	1.1716 E+02	- 1.8330 E+03	4.7987 E+04	2.3426 E+04
1.6653 E+02	1.7642 E+03	2.0740 E+00	- 5.7669 E+04	0.0000 E+00	1.1849 E+07	- 2.2549 E+03	1.3970 E+04	4.5646 E+02	- 1.2741 E+02	3.9579 E+02	1.8593 E+02	- 1.8330 E+03	4.4295 E+04	3.1967 E+04
1.6653 E+02	1.7054 E+03	7.9738 E-01	- 6.5339 E+04	2.6915 E+05	2.6971 E+00	- 2.2549 E+03	1.3519 E+04	1.0618 E+03	- 1.2741 E+02	3.5981 E+02	3.4140 E+02	- 1.8330 E+03	4.0604 E+04	4.4378 E+04
1.6653 E+02	1.6466 E+03	2.0833 E+00	- 6.5339 E+04	2.6259 E+05	1.3890 E+00	- 2.2549 E+03	1.3068 E+04	1.5550 E+03	- 1.2741 E+02	3.2383 E+02	4.8403 E+02	- 1.8330 E+03	3.6913 E+04	5.5842 E+04

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.6653 E+02	1.5877 E+03	2.1048 E+01	- 6.5339 E+04	2.5602 E+05	6.5570 E+00	- 2.2549 E+03	1.2618 E+04	2.5297 E+03	- 1.2741 E+02	2.8785 E+02	1.1249 E+03	- 1.8330 E+03	3.3221 E+04	1.2619 E+05
1.6653 E+02	1.5289 E+03	1.3674 E+01	- 6.5339 E+04	2.4946 E+05	2.6971 E+00	- 2.2549 E+03	1.2167 E+04	2.1725 E+03	- 1.2741 E+02	2.5187 E+02	1.1222 E+03	- 1.8330 E+03	2.9530 E+04	1.3131 E+05
1.6653 E+02	1.4701 E+03	1.3199 E+01	- 6.5339 E+04	2.4290 E+05	5.2085 E+00	- 2.2549 E+03	1.1716 E+04	6.6487 E+03	- 1.2741 E+02	2.1589 E+02	3.4426 E+03	- 1.8330 E+03	2.5839 E+04	2.4565 E+05
1.6653 E+02	1.4113 E+03	3.1518 E+01	- 6.5339 E+04	2.3633 E+05	1.3485 E+00	- 2.2549 E+03	1.1266 E+04	1.1273 E+04	- 1.2741 E+02	1.7991 E+02	7.2774 E+03	- 1.8330 E+03	2.2148 E+04	4.4775 E+05
1.6653 E+02	1.3525 E+03	5.5365 E+01	- 6.5339 E+04	2.2977 E+05	1.8380 E+01	- 2.2549 E+03	1.0815 E+04	6.2839 E+03	- 1.2741 E+02	1.4393 E+02	1.9371 E+04	- 1.8330 E+03	1.8456 E+04	7.7804 E+05
1.6653 E+02	1.2937 E+03	4.1223 E+01	- 6.5339 E+04	2.2320 E+05	1.2213 E+01	- 2.2549 E+03	1.0364 E+04	1.9196 E+04	- 1.2741 E+02	1.0794 E+02	7.8168 E+04	- 1.8330 E+03	1.4765 E+04	1.5602 E+06
1.6653 E+02	1.2349 E+03	6.2958 E+01	- 6.5339 E+04	2.1664 E+05	2.3980 E+01	- 2.2549 E+03	9.9139 E+03	2.8756 E+04	- 1.2741 E+02	7.1963 E+01	3.0595 E+05	- 1.8330 E+03	1.1074 E+04	4.0410 E+06
1.6653 E+02	1.1761 E+03	1.3466 E+02	- 6.5339 E+04	2.1007 E+05	2.2709 E+01	- 2.2549 E+03	9.4632 E+03	5.0389 E+04	- 1.2741 E+02	3.5981 E+01	1.0973 E+06	- 1.8330 E+03	7.3825 E+03	1.3902 E+07
1.6653 E+02	1.1173 E+03	2.9038 E+02	- 6.5339 E+04	2.0351 E+05	5.9113 E+00	- 2.2549 E+03	9.0126 E+03	9.3424 E+04	- 1.2741 E+02	0.0000 E+00	2.4668 E+06	- 1.8330 E+03	3.6913 E+03	4.2956 E+07
1.6653 E+02	1.0585 E+03	1.6561 E+02	- 6.5339 E+04	1.9694 E+05	2.8386 E+01	- 2.2549 E+03	8.5620 E+03	1.1744 E+05	- 1.6563 E+02	1.0794 E+03	2.5000 E+00	- 1.8330 E+03	0.0000 E+00	1.3050 E+08
1.6653 E+02	9.9969 E+02	6.1039 E+02	- 6.5339 E+04	1.9038 E+05	1.7165 E+01	- 2.2549 E+03	8.1113 E+03	1.8232 E+05	- 1.6563 E+02	1.0075 E+03	1.0557 E+00	- 6.0185 E+03	1.5134 E+05	2.5121 E+00
1.6653 E+02	9.4089 E+02	1.5840 E+03	- 6.5339 E+04	1.8381 E+05	1.4757 E+01	- 2.2549 E+03	7.6607 E+03	2.3955 E+05	- 1.6563 E+02	9.7150 E+02	6.0557 E+00	- 6.0185 E+03	1.4396 E+05	1.9440 E-03
1.6653 E+02	8.8208 E+02	6.8866 E+02	- 6.5339 E+04	1.7725 E+05	5.1814 E+00	- 2.2549 E+03	7.2101 E+03	3.4032 E+05	- 1.6563 E+02	8.6355 E+02	1.6607 E+01	- 6.0185 E+03	1.2919 E+05	2.5000 E+00
1.6653 E+02	8.2328 E+02	1.8796 E+03	- 6.5339 E+04	1.7068 E+05	8.6646 E+00	- 2.2549 E+03	6.7595 E+03	4.4898 E+05	- 1.6563 E+02	8.2757 E+02	2.7717 E+00	- 6.0185 E+03	1.2550 E+05	7.3506 E+00
1.6653 E+02	7.6447 E+02	6.5515 E+03	- 6.5339 E+04	1.6412 E+05	2.0543 E+01	- 2.2549 E+03	6.3088 E+03	5.2447 E+05	- 1.6563 E+02	7.9159 E+02	4.2004 E+00	- 6.0185 E+03	1.2181 E+05	8.9857 E-01
1.6653 E+02	7.0567 E+02	1.3528 E+04	- 6.5339 E+04	1.5755 E+05	5.5820 E+01	- 2.2549 E+03	5.8582 E+03	7.5990 E+05	- 1.6563 E+02	7.5561 E+02	4.3514 E+00	- 6.0185 E+03	1.1812 E+05	7.5242 E+00
1.6653 E+02	6.4686 E+02	2.9075 E+04	- 6.5339 E+04	1.5099 E+05	5.5143 E+02	- 2.2549 E+03	5.4076 E+03	9.6038 E+05	- 1.6563 E+02	7.1963 E+02	2.1556 E+01	- 6.0185 E+03	1.1443 E+05	7.0154 E+00
1.6653 E+02	5.8806 E+02	4.8638 E+04	- 6.5339 E+04	1.4442 E+05	9.0473 E+02	- 2.2549 E+03	4.9569 E+03	1.1214 E+06	- 1.6563 E+02	6.8364 E+02	3.1667 E+00	- 6.0185 E+03	1.1074 E+05	2.5853 E+00

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.6653 E+02	5.2925 E+02	8.6229 E+04	- 6.5339 E+04	1.3786 E+05	1.8629 E+02	- 2.2549 E+03	4.5063 E+03	1.3723 E+06	- 1.6563 E+02	6.4766 E+02	8.3238 E+00	- 6.0185 E+03	1.0705 E+05	7.3252 E-01
1.6653 E+02	4.7044 E+02	2.0453 E+05	- 6.5339 E+04	1.3129 E+05	9.1258 E+02	- 2.2549 E+03	4.0557 E+03	1.8649 E+06	- 1.6563 E+02	6.1168 E+02	2.2769 E+01	- 6.0185 E+03	1.0336 E+05	2.5264 E+03
1.6653 E+02	4.1164 E+02	4.4773 E+05	- 6.5339 E+04	1.2473 E+05	2.5046 E+03	- 2.2549 E+03	3.6050 E+03	2.1568 E+06	- 1.6563 E+02	5.7570 E+02	1.4864 E+01	- 6.0185 E+03	9.9664 E+04	1.8471 E+01
1.6653 E+02	3.5283 E+02	9.0369 E+05	- 6.5339 E+04	1.1817 E+05	5.7602 E+02	- 2.2549 E+03	3.1544 E+03	2.2299 E+06	- 1.6563 E+02	5.3972 E+02	3.1704 E+01	- 6.0185 E+03	9.5973 E+04	8.4726 E+00
1.6653 E+02	2.9403 E+02	1.9796 E+06	- 6.5339 E+04	1.1160 E+05	6.7991 E+02	- 2.2549 E+03	2.7038 E+03	2.5527 E+06	- 1.6563 E+02	5.0374 E+02	2.8229 E+02	- 6.0185 E+03	9.2282 E+04	1.1369 E+01
1.6653 E+02	2.3522 E+02	4.2685 E+06	- 6.5339 E+04	1.0504 E+05	1.1793 E+03	- 2.2549 E+03	2.2532 E+03	2.4690 E+06	- 1.6563 E+02	4.6776 E+02	2.5063 E+01	- 6.0185 E+03	8.8591 E+04	8.7168 E+02
1.6653 E+02	1.7642 E+02	6.7169 E+06	- 6.5339 E+04	9.8471 E+04	7.8549 E+03	- 2.2549 E+03	1.8025 E+03	2.1382 E+06	- 1.6563 E+02	4.3178 E+02	4.8942 E+01	- 6.0185 E+03	8.4899 E+04	2.5699 E+03
1.6653 E+02	1.1761 E+02	9.7010 E+06	- 6.5339 E+04	9.1906 E+04	2.6843 E+03	- 2.2549 E+03	1.3519 E+03	2.4058 E+06	- 1.6563 E+02	3.9579 E+02	4.0467 E+01	- 6.0185 E+03	8.1208 E+04	2.7240 E+03
1.6653 E+02	5.8806 E+01	2.4185 E+07	- 6.5339 E+04	8.5342 E+04	4.6899 E+03	- 2.2549 E+03	9.0126 E+02	4.0675 E+06	- 1.6563 E+02	3.5981 E+02	2.3313 E+02	- 6.0185 E+03	7.7517 E+04	2.0863 E+02
1.6653 E+02	0.0000 E+00	5.5508 E+07	- 6.5339 E+04	7.8777 E+04	1.3688 E+04	- 2.2549 E+03	4.5063 E+02	9.7536 E+06	- 1.6563 E+02	3.2383 E+02	2.0284 E+02	- 6.0185 E+03	7.3825 E+04	2.2722 E+02
9.9686 E+01	2.6462 E+03	1.3485 E+00	- 6.5339 E+04	7.2212 E+04	2.4320 E+04	- 2.2549 E+03	0.0000 E+00	1.9095 E+07	- 1.6563 E+02	2.8785 E+02	2.6348 E+02	- 6.0185 E+03	7.0134 E+04	2.6019 E+03
9.9686 E+01	2.5874 E+03	5.2085 E+00	- 6.5339 E+04	6.5647 E+04	3.3709 E+04	- 2.7862 E+03	1.9828 E+04	4.7750 E+00	- 1.6563 E+02	2.5187 E+02	5.1638 E+02	- 6.0185 E+03	6.6443 E+04	1.3402 E+03
9.9686 E+01	2.5286 E+03	1.3485 E+00	- 6.5339 E+04	5.9083 E+04	3.7202 E+04	- 2.7862 E+03	1.9377 E+04	1.2528 E-01	- 1.6563 E+02	2.1589 E+02	7.3394 E+02	- 6.0185 E+03	6.2752 E+04	7.5540 E+01
9.9686 E+01	2.3522 E+03	6.1971 E+00	- 6.5339 E+04	5.2518 E+04	5.6374 E+04	- 2.7862 E+03	1.8926 E+04	7.9462 E+01	- 1.6563 E+02	1.7991 E+02	1.6717 E+03	- 6.0185 E+03	5.9060 E+04	2.7362 E+02
9.9686 E+01	2.2934 E+03	1.3485 E+00	- 6.5339 E+04	4.5953 E+04	1.1401 E+05	- 2.7862 E+03	1.8476 E+04	5.6130 E+01	- 1.6563 E+02	1.4393 E+02	3.8980 E+03	- 6.0185 E+03	5.5369 E+04	2.2772 E+03
9.9686 E+01	2.2346 E+03	4.0417 E-02	- 6.5339 E+04	3.9388 E+04	2.0582 E+05	- 2.7862 E+03	1.8025 E+04	1.0417 E+00	- 1.6563 E+02	1.0794 E+02	1.6002 E+04	- 6.0185 E+03	5.1678 E+04	7.0493 E+02
9.9686 E+01	2.1758 E+03	3.0985 E+00	- 6.5339 E+04	3.2824 E+04	4.7555 E+05	- 2.7862 E+03	1.7575 E+04	8.3335 E+01	- 1.6563 E+02	7.1963 E+01	6.1983 E+04	- 6.0185 E+03	4.7987 E+04	5.1189 E+02
9.9686 E+01	2.1170 E+03	1.7500 E+00	- 6.5339 E+04	2.6259 E+04	1.2208 E+06	- 2.7862 E+03	1.7124 E+04	6.8904 E+01	- 1.6563 E+02	3.5981 E+01	2.3140 E+05	- 6.0185 E+03	4.4295 E+04	7.4674 E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
9.9686 E+01	1.9994 E+03	5.8902 E+00	- 6.5339 E+04	1.9694 E+04	2.1882 E+06	- 2.7862 E+03	1.6673 E+04	9.4777 E+00	- 1.6563 E+02	0.0000 E+00	5.8129 E+05	- 6.0185 E+03	4.0604 E+04	1.0636 E+03
9.9686 E+01	1.9406 E+03	4.0417 E-02	- 6.5339 E+04	1.3129 E+04	3.1111 E+06	- 2.7862 E+03	1.6223 E+04	2.2596 E+01	- 2.0384 E+02	8.2757 E+02	6.7220 E-01	- 6.0185 E+03	3.6913 E+04	4.9373 E+03
9.9686 E+01	1.7642 E+03	1.2500 E+00	- 6.5339 E+04	6.5647 E+03	3.8486 E+06	- 2.7862 E+03	1.5772 E+04	1.0217 E+02	- 2.0384 E+02	7.5561 E+02	4.0307 E+00	- 6.0185 E+03	3.3221 E+04	3.0318 E+03
9.9686 E+01	1.7054 E+03	8.1487 E+00	- 6.5339 E+04	0.0000 E+00	1.1516 E+07	- 2.7862 E+03	1.5321 E+04	7.9109 E+01	- 2.0384 E+02	6.8364 E+02	8.0833 E-02	- 6.0185 E+03	2.9530 E+04	2.1772 E+03
9.9686 E+01	1.6466 E+03	1.7169 E+01	- 7.3010 E+04	2.7572 E+05	1.3485 E+00	- 2.7862 E+03	1.4871 E+04	2.6252 E+02	- 2.0384 E+02	6.4766 E+02	3.3944 E-01	- 6.0185 E+03	2.5839 E+04	2.0528 E+03
9.9686 E+01	1.5877 E+03	6.2500 E-01	- 7.3010 E+04	2.6259 E+05	1.3485 E+00	- 2.7862 E+03	1.4420 E+04	1.8419 E+01	- 2.0384 E+02	6.1168 E+02	4.6787 E+00	- 6.0185 E+03	2.2148 E+04	2.2898 E+03
9.9686 E+01	1.5289 E+03	3.2677 E+00	- 7.3010 E+04	2.5602 E+05	2.6971 E+00	- 2.7862 E+03	1.3970 E+04	8.4373 E+01	- 2.0384 E+02	5.7570 E+02	2.2530 E+00	- 6.0185 E+03	1.8456 E+04	6.0061 E+03
9.9686 E+01	1.4701 E+03	9.5105 E+01	- 7.3010 E+04	2.4946 E+05	1.3485 E+00	- 2.7862 E+03	1.3519 E+04	6.8494 E+02	- 2.0384 E+02	5.3972 E+02	4.0307 E+00	- 6.0185 E+03	1.4765 E+04	7.9847 E+03
9.9686 E+01	1.4113 E+03	7.6831 E+00	- 7.3010 E+04	2.3633 E+05	1.3485 E+00	- 2.7862 E+03	1.3068 E+04	1.5040 E+02	- 2.0384 E+02	5.0374 E+02	1.8773 E+00	- 6.0185 E+03	1.1074 E+04	3.0869 E+04
9.9686 E+01	1.3525 E+03	2.7392 E+01	- 7.3010 E+04	2.2977 E+05	6.5570 E+00	- 2.7862 E+03	1.2618 E+04	8.0192 E+02	- 2.0384 E+02	4.6776 E+02	5.4258 E+00	- 6.0185 E+03	7.3825 E+03	1.4033 E+05
9.9686 E+01	1.2937 E+03	1.5330 E+01	- 7.3010 E+04	2.1664 E+05	9.2705 E+00	- 2.7862 E+03	1.2167 E+04	4.0967 E+02	- 2.0384 E+02	4.3178 E+02	1.8881 E+02	- 6.0185 E+03	3.6913 E+03	7.4922 E+05
9.9686 E+01	1.2349 E+03	8.7869 E+01	- 7.3010 E+04	2.1007 E+05	5.2085 E+00	- 2.7862 E+03	1.1716 E+04	2.9562 E+03	- 2.0384 E+02	3.9579 E+02	2.8374 E+01	- 6.0185 E+03	0.0000 E+00	7.2564 E+06
9.9686 E+01	1.1761 E+03	1.3253 E+02	- 7.3010 E+04	2.0351 E+05	1.9504 E+01	- 2.7862 E+03	1.1266 E+04	2.5417 E+03	- 2.0384 E+02	3.5981 E+02	1.8400 E+02	- 1.0204 E+04	1.4765 E+05	2.5000 E+00
9.9686 E+01	1.1173 E+03	1.6474 E+02	- 7.3010 E+04	1.9694 E+05	3.1357 E+01	- 2.7862 E+03	1.0815 E+04	3.1208 E+03	- 2.0384 E+02	3.2383 E+02	1.9741 E+02	- 1.0204 E+04	1.2919 E+05	5.0000 E+00
9.9686 E+01	1.0585 E+03	1.3544 E+02	- 7.3010 E+04	1.9038 E+05	2.6050 E+00	- 2.7862 E+03	1.0364 E+04	3.8552 E+03	- 2.0384 E+02	2.8785 E+02	6.0890 E+01	- 1.0204 E+04	1.2550 E+05	5.0000 E+00
9.9686 E+01	9.9969 E+02	2.0660 E+02	- 7.3010 E+04	1.8381 E+05	2.1032 E+01	- 2.7862 E+03	9.9139 E+03	5.8340 E+03	- 2.0384 E+02	2.5187 E+02	5.4486 E+01	- 1.0204 E+04	1.1812 E+05	6.2694 E-01
9.9686 E+01	9.4089 E+02	3.1385 E+02	- 7.3010 E+04	1.7725 E+05	2.3167 E+01	- 2.7862 E+03	9.4632 E+03	1.3198 E+04	- 2.0384 E+02	2.1589 E+02	2.5888 E+02	- 1.0204 E+04	1.1074 E+05	8.3337 E+01
9.9686 E+01	8.8208 E+02	3.8209 E+02	- 7.3010 E+04	1.7068 E+05	3.6986 E+00	- 2.7862 E+03	9.0126 E+03	3.1809 E+04	- 2.0384 E+02	1.7991 E+02	8.2302 E+02	- 1.0204 E+04	1.0705 E+05	4.0417 E-02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
9.9686 E+01	8.2328 E+02	7.1192 E+02	- 7.3010 E+04	1.6412 E+05	1.1313 E+03	- 2.7862 E+03	8.5620 E+03	4.9002 E+04	- 2.0384 E+02	1.4393 E+02	2.4439 E+03	- 1.0204 E+04	1.0336 E+05	7.5019 E+00
9.9686 E+01	7.6447 E+02	2.8815 E+03	- 7.3010 E+04	1.5755 E+05	5.4081 E+02	- 2.7862 E+03	8.1113 E+03	6.7078 E+04	- 2.0384 E+02	1.0794 E+02	6.4265 E+03	- 1.0204 E+04	9.9664 E+04	6.2904 E+00
9.9686 E+01	7.0567 E+02	9.1286 E+03	- 7.3010 E+04	1.5099 E+05	2.8142 E+01	- 2.7862 E+03	7.6607 E+03	1.2547 E+05	- 2.0384 E+02	7.1963 E+01	1.2214 E+04	- 1.0204 E+04	9.5973 E+04	1.9440 E-03
9.9686 E+01	6.4686 E+02	1.7385 E+04	- 7.3010 E+04	1.4442 E+05	3.9485 E+03	- 2.7862 E+03	7.2101 E+03	2.0356 E+05	- 2.0384 E+02	3.5981 E+01	4.7350 E+04	- 1.0204 E+04	9.2282 E+04	5.1697 E+00
9.9686 E+01	5.8806 E+02	3.5393 E+04	- 7.3010 E+04	1.3786 E+05	4.7182 E+03	- 2.7862 E+03	6.7595 E+03	2.3598 E+05	- 2.0384 E+02	0.0000 E+00	1.5295 E+05	- 1.0204 E+04	8.8591 E+04	1.2411 E+01
9.9686 E+01	5.2925 E+02	7.4392 E+04	- 7.3010 E+04	1.3129 E+05	4.5864 E+03	- 2.7862 E+03	6.3088 E+03	4.2656 E+05	- 2.4206 E+02	7.1963 E+02	1.6972 E-01	- 1.0204 E+04	8.4899 E+04	5.7570 E+00
9.9686 E+01	4.7044 E+02	1.4832 E+05	- 7.3010 E+04	1.2473 E+05	4.3117 E+03	- 2.7862 E+03	5.8582 E+03	5.4363 E+05	- 2.4206 E+02	6.4766 E+02	8.0833 E-02	- 1.0204 E+04	8.1208 E+04	9.8063 E+00
9.9686 E+01	4.1164 E+02	3.8904 E+05	- 7.3010 E+04	1.1817 E+05	7.5954 E+03	- 2.7862 E+03	5.4076 E+03	7.2912 E+05	- 2.4206 E+02	5.3972 E+02	5.0000 E+00	- 1.0204 E+04	7.7517 E+04	2.5043 E+02
9.9686 E+01	3.5283 E+02	7.1709 E+05	- 7.3010 E+04	1.1160 E+05	1.0354 E+04	- 2.7862 E+03	4.9569 E+03	1.1174 E+06	- 2.4206 E+02	5.0374 E+02	2.1114 E+00	- 1.0204 E+04	7.3825 E+04	9.9504 E+01
9.9686 E+01	2.9403 E+02	1.2925 E+06	- 7.3010 E+04	1.0504 E+05	8.7348 E+03	- 2.7862 E+03	4.5063 E+03	1.3224 E+06	- 2.4206 E+02	4.3178 E+02	4.4636 E+00	- 1.0204 E+04	7.0134 E+04	3.5328 E+01
9.9686 E+01	2.3522 E+02	2.0300 E+06	- 7.3010 E+04	9.8471 E+04	1.7265 E+04	- 2.7862 E+03	4.0557 E+03	1.4824 E+06	- 2.4206 E+02	3.9579 E+02	4.4510 E+00	- 1.0204 E+04	6.6443 E+04	2.6343 E+01
9.9686 E+01	1.7642 E+02	3.0726 E+06	- 7.3010 E+04	9.1906 E+04	4.5985 E+03	- 2.7862 E+03	3.6050 E+03	1.6741 E+06	- 2.4206 E+02	3.5981 E+02	1.7043 E+01	- 1.0204 E+04	6.2752 E+04	3.9226 E+02
9.9686 E+01	1.1761 E+02	4.6284 E+06	- 7.3010 E+04	8.5342 E+04	1.2389 E+04	- 2.7862 E+03	3.1544 E+03	2.0580 E+06	- 2.4206 E+02	3.2383 E+02	1.1873 E+01	- 1.0204 E+04	5.9060 E+04	3.5714 E+02
9.9686 E+01	5.8806 E+01	1.1541 E+07	- 7.3010 E+04	7.8777 E+04	8.0128 E+03	- 2.7862 E+03	2.7038 E+03	2.0470 E+06	- 2.4206 E+02	2.8785 E+02	1.7309 E+01	- 1.0204 E+04	5.5369 E+04	2.8069 E+02
9.9686 E+01	0.0000 E+00	3.0272 E+07	- 7.3010 E+04	7.2212 E+04	1.6308 E+04	- 2.7862 E+03	2.2532 E+03	2.2662 E+06	- 2.4206 E+02	2.5187 E+02	2.1543 E+01	- 1.0204 E+04	5.1678 E+04	8.6564 E+01
3.2843 E+01	2.5286 E+03	1.3485 E+00	- 7.3010 E+04	6.5647 E+04	3.9561 E+04	- 2.7862 E+03	1.8025 E+03	1.9129 E+06	- 2.4206 E+02	2.1589 E+02	1.8732 E+02	- 1.0204 E+04	4.7987 E+04	4.9279 E+02
3.2843 E+01	2.4698 E+03	6.5570 E+00	- 7.3010 E+04	5.9083 E+04	4.2477 E+04	- 2.7862 E+03	1.3519 E+03	1.9097 E+06	- 2.4206 E+02	1.7991 E+02	4.1780 E+02	- 1.0204 E+04	4.4295 E+04	5.3161 E+02
3.2843 E+01	2.1170 E+03	3.7235 E+00	- 7.3010 E+04	5.2518 E+04	1.2886 E+05	- 2.7862 E+03	9.0126 E+02	3.1888 E+06	- 2.4206 E+02	1.4393 E+02	2.9217 E+02	- 1.0204 E+04	4.0604 E+04	2.4610 E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.2843 E+01	1.9406 E+03	1.7904 E+00	- 7.3010 E+04	4.5953 E+04	2.4648 E+05	- 2.7862 E+03	4.5063 E+02	7.8239 E+06	- 2.4206 E+02	1.0794 E+02	2.0496 E+03	- 1.0204 E+04	3.6913 E+04	7.8244 E+02
3.2843 E+01	1.8818 E+03	1.2500 E+00	- 7.3010 E+04	3.9388 E+04	4.1720 E+05	- 2.7862 E+03	0.0000 E+00	1.4187 E+07	- 2.4206 E+02	7.1963 E+01	4.7698 E+03	- 1.0204 E+04	3.3221 E+04	4.0949 E+02
3.2843 E+01	1.8230 E+03	4.0417 E-02	- 7.3010 E+04	3.2824 E+04	6.4503 E+05	- 3.3175 E+03	1.9377 E+04	2.2318 E+00	- 2.4206 E+02	3.5981 E+01	2.8765 E+04	- 1.0204 E+04	2.9530 E+04	3.2949 E+02
3.2843 E+01	1.6466 E+03	4.0417 E-02	- 7.3010 E+04	2.6259 E+04	1.6073 E+06	- 3.3175 E+03	1.8926 E+04	8.4860 E-02	- 2.4206 E+02	0.0000 E+00	3.9517 E+04	- 1.0204 E+04	2.5839 E+04	6.8031 E+02
3.2843 E+01	1.5877 E+03	2.0665 E+00	- 7.3010 E+04	1.9694 E+04	2.3919 E+06	- 3.3175 E+03	1.8476 E+04	2.0154 E+00	- 2.8028 E+02	8.2757 E+02	1.0557 E+00	- 1.0204 E+04	2.2148 E+04	6.8935 E+02
3.2843 E+01	1.5289 E+03	7.1594 E-01	- 7.3010 E+04	1.3129 E+04	2.8933 E+06	- 3.3175 E+03	1.8025 E+04	3.7686 E+00	- 2.8028 E+02	3.5981 E+02	1.9708 E+01	- 1.0204 E+04	1.8456 E+04	1.0789 E+03
3.2843 E+01	1.4701 E+03	1.6167 E-01	- 7.3010 E+04	6.5647 E+03	2.5522 E+06	- 3.3175 E+03	1.7575 E+04	4.9620 E+01	- 2.8028 E+02	3.2383 E+02	6.2742 E+00	- 1.0204 E+04	1.4765 E+04	2.6061 E+03
3.2843 E+01	1.4113 E+03	4.4331 E+00	- 7.3010 E+04	0.0000 E+00	8.0474 E+06	- 3.3175 E+03	1.7124 E+04	1.8669 E+00	- 2.8028 E+02	2.5187 E+02	1.1578 E+01	- 1.0204 E+04	1.1074 E+04	4.8568 E+03
3.2843 E+01	1.3525 E+03	1.3641 E+01	- 8.0680 E+04	2.6259 E+05	1.3485 E+00	- 3.3175 E+03	1.6673 E+04	2.1247 E+01	- 2.8028 E+02	2.1589 E+02	3.4343 E+02	- 1.0204 E+04	7.3825 E+03	2.4452 E+04
3.2843 E+01	1.2937 E+03	6.7292 E+00	- 8.0680 E+04	2.5602 E+05	1.3485 E+00	- 3.3175 E+03	1.6223 E+04	1.9186 E+02	- 2.8028 E+02	1.7991 E+02	4.3934 E+01	- 1.0204 E+04	3.6913 E+03	1.8586 E+05
3.2843 E+01	1.2349 E+03	4.0794 E+01	- 8.0680 E+04	2.4946 E+05	1.3485 E+00	- 3.3175 E+03	1.5772 E+04	1.0545 E+02	- 2.8028 E+02	1.4393 E+02	3.2531 E+01	- 1.0204 E+04	0.0000 E+00	1.3069 E+06
3.2843 E+01	1.1761 E+03	9.4983 E+00	- 8.0680 E+04	2.2320 E+05	1.3485 E+00	- 3.3175 E+03	1.5321 E+04	5.1106 E+00	- 2.8028 E+02	1.0794 E+02	3.8020 E+01	- 1.4389 E+04	1.3658 E+05	1.2092 E-02
3.2843 E+01	1.1173 E+03	4.5000 E+01	- 8.0680 E+04	2.1007 E+05	9.3109 E+00	- 3.3175 E+03	1.4871 E+04	8.4860 E-02	- 2.8028 E+02	7.1963 E+01	1.9785 E+03	- 1.4389 E+04	1.1443 E+05	7.3506 E+00
3.2843 E+01	1.0585 E+03	9.9239 E+01	- 8.0680 E+04	2.0351 E+05	1.4941 E+01	- 3.3175 E+03	1.4420 E+04	9.1851 E+00	- 2.8028 E+02	3.5981 E+01	4.1334 E+03	- 1.4389 E+04	1.0705 E+05	5.0000 E+00
3.2843 E+01	9.9969 E+02	4.2465 E+01	- 8.0680 E+04	1.9694 E+05	4.6032 E+00	- 3.3175 E+03	1.3970 E+04	1.4877 E+02	- 2.8028 E+02	0.0000 E+00	2.0442 E+04	- 1.4389 E+04	1.0336 E+05	2.5000 E+00
3.2843 E+01	9.4089 E+02	2.3047 E+02	- 8.0680 E+04	1.9038 E+05	4.9601 E+00	- 3.3175 E+03	1.3519 E+04	9.3091 E+00	- 3.1849 E+02	4.3178 E+02	5.0000 E+00	- 1.4389 E+04	9.5973 E+04	2.5000 E+00
3.2843 E+01	8.8208 E+02	2.8631 E+02	- 8.0680 E+04	1.8381 E+05	2.6227 E+01	- 3.3175 E+03	1.3068 E+04	1.7252 E+01	- 3.1849 E+02	3.2383 E+02	5.0000 E+00	- 1.4389 E+04	9.2282 E+04	4.0417 E-02
3.2843 E+01	8.2328 E+02	9.9443 E+02	- 8.0680 E+04	1.7725 E+05	7.9348 E+01	- 3.3175 E+03	1.2618 E+04	4.3963 E+01	- 3.1849 E+02	2.8785 E+02	5.0000 E+00	- 1.4389 E+04	8.8591 E+04	7.7071 E+00

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.2843 E+01	7.6447 E+02	5.3774 E+03	- 8.0680 E+04	1.7068 E+05	4.7318 E+00	- 3.3175 E+03	1.2167 E+04	4.7155 E+01	- 3.1849 E+02	2.5187 E+02	1.7168 E+02	- 1.4389 E+04	8.1208 E+04	5.0000 E+00
3.2843 E+01	7.0567 E+02	6.1760 E+03	- 8.0680 E+04	1.6412 E+05	1.2985 E+01	- 3.3175 E+03	1.1716 E+04	8.9161 E+02	- 3.1849 E+02	2.1589 E+02	3.5085 E+02	- 1.4389 E+04	7.7517 E+04	1.6098 E+01
3.2843 E+01	6.4686 E+02	1.3831 E+04	- 8.0680 E+04	1.5755 E+05	2.2318 E+00	- 3.3175 E+03	1.1266 E+04	5.3367 E+02	- 3.1849 E+02	1.7991 E+02	1.1250 E+01	- 1.4389 E+04	7.3825 E+04	8.8439 E+01
3.2843 E+01	5.8806 E+02	2.7716 E+04	- 8.0680 E+04	1.5099 E+05	1.3381 E+01	- 3.3175 E+03	1.0815 E+04	2.1345 E+03	- 3.1849 E+02	1.4393 E+02	2.9564 E+01	- 1.4389 E+04	7.0134 E+04	8.8480 E+01
3.2843 E+01	5.2925 E+02	5.6003 E+04	- 8.0680 E+04	1.4442 E+05	6.6695 E+01	- 3.3175 E+03	1.0364 E+04	1.4454 E+03	- 3.1849 E+02	1.0794 E+02	2.0115 E+01	- 1.4389 E+04	6.6443 E+04	5.0486 E+01
3.2843 E+01	4.7044 E+02	9.7218 E+04	- 8.0680 E+04	1.3786 E+05	5.6377 E+02	- 3.3175 E+03	9.9139 E+03	1.0197 E+03	- 3.1849 E+02	7.1963 E+01	1.7286 E+03	- 1.4389 E+04	6.2752 E+04	1.9778 E+01
3.2843 E+01	4.1164 E+02	2.0118 E+05	- 8.0680 E+04	1.3129 E+05	3.0438 E+02	- 3.3175 E+03	9.4632 E+03	6.2439 E+03	- 3.1849 E+02	3.5981 E+01	1.1275 E+03	- 1.4389 E+04	5.9060 E+04	3.3971 E+02
3.2843 E+01	3.5283 E+02	6.1371 E+05	- 8.0680 E+04	1.2473 E+05	4.9449 E+03	- 3.3175 E+03	9.0126 E+03	7.5825 E+03	- 3.1849 E+02	0.0000 E+00	4.1892 E+03	- 1.4389 E+04	5.5369 E+04	2.7739 E+01
3.2843 E+01	2.9403 E+02	7.2359 E+05	- 8.0680 E+04	1.1817 E+05	1.4687 E+03	- 3.3175 E+03	8.5620 E+03	2.1895 E+04	- 3.5671 E+02	3.5981 E+02	1.0000 E+01	- 1.4389 E+04	5.1678 E+04	3.0577 E+02
3.2843 E+01	2.3522 E+02	1.1767 E+06	- 8.0680 E+04	1.1160 E+05	3.5209 E+03	- 3.3175 E+03	8.1113 E+03	2.5546 E+04	- 3.5671 E+02	3.2383 E+02	5.0808 E+00	- 1.4389 E+04	4.7987 E+04	3.7029 E+02
3.2843 E+01	1.7642 E+02	1.5628 E+06	- 8.0680 E+04	1.0504 E+05	1.4943 E+04	- 3.3175 E+03	7.6607 E+03	5.8693 E+04	- 3.5671 E+02	2.8785 E+02	1.2500 E+00	- 1.4389 E+04	4.4295 E+04	1.9369 E+02
3.2843 E+01	1.1761 E+02	3.1265 E+06	- 8.0680 E+04	9.8471 E+04	1.2008 E+04	- 3.3175 E+03	7.2101 E+03	9.2300 E+04	- 3.5671 E+02	2.5187 E+02	1.2500 E+00	- 1.4389 E+04	4.0604 E+04	4.3800 E+02
3.2843 E+01	5.8806 E+01	8.3709 E+06	- 8.0680 E+04	9.1906 E+04	3.0021 E+04	- 3.3175 E+03	6.7595 E+03	1.2320 E+05	- 3.5671 E+02	2.1589 E+02	2.0000 E+01	- 1.4389 E+04	3.6913 E+04	2.9443 E+02
3.2843 E+01	0.0000 E+00	2.7361 E+07	- 8.0680 E+04	8.5342 E+04	2.8457 E+04	- 3.3175 E+03	6.3088 E+03	1.5783 E+05	- 3.5671 E+02	1.7991 E+02	1.6250 E+01	- 1.4389 E+04	3.3221 E+04	2.3072 E+02
- 3.4001 E+01	2.6462 E+03	1.3485 E+00	- 8.0680 E+04	7.8777 E+04	2.1415 E+04	- 3.3175 E+03	5.8582 E+03	2.4389 E+05	- 3.5671 E+02	1.0794 E+02	1.1658 E+01	- 1.4389 E+04	2.9530 E+04	7.5572 E+02
- 3.4001 E+01	2.1170 E+03	1.3485 E+00	- 8.0680 E+04	7.2212 E+04	4.7735 E+04	- 3.3175 E+03	5.4076 E+03	3.3385 E+05	- 3.5671 E+02	7.1963 E+01	2.3576 E+01	- 1.4389 E+04	2.5839 E+04	2.7425 E+02
- 3.4001 E+01	1.7642 E+03	4.0417 E-02	- 8.0680 E+04	6.5647 E+04	4.8389 E+04	- 3.3175 E+03	4.9569 E+03	5.2695 E+05	- 3.5671 E+02	3.5981 E+01	3.8555 E+02	- 1.4389 E+04	2.2148 E+04	5.2119 E+02
- 3.4001 E+01	1.7054 E+03	5.1130 E-02	- 8.0680 E+04	5.9083 E+04	8.9964 E+04	- 3.3175 E+03	4.5063 E+03	8.3822 E+05	- 3.5671 E+02	0.0000 E+00	3.1892 E+03	- 1.4389 E+04	1.8456 E+04	1.7963 E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 3.4001 E+01	1.5877 E+03	1.3485 E+00	- 8.0680 E+04	5.2518 E+04	1.3556 E+05	- 3.3175 E+03	4.0557 E+03	1.0213 E+06	- 3.9492 E+02	2.5187 E+02	2.3126 E+00	- 1.4389 E+04	1.4765 E+04	4.5837 E+02
- 3.4001 E+01	1.4701 E+03	6.2694 E-01	- 8.0680 E+04	4.5953 E+04	2.5204 E+05	- 3.3175 E+03	3.6050 E+03	1.3227 E+06	- 3.9492 E+02	1.4393 E+02	5.0000 E+00	- 1.4389 E+04	1.1074 E+04	2.4339 E+03
- 3.4001 E+01	1.4113 E+03	3.9471 E+00	- 8.0680 E+04	3.9388 E+04	5.0043 E+05	- 3.3175 E+03	3.1544 E+03	1.4521 E+06	- 3.9492 E+02	1.0794 E+02	1.0000 E+01	- 1.4389 E+04	7.3825 E+03	6.1753 E+03
- 3.4001 E+01	1.3525 E+03	8.5985 E+00	- 8.0680 E+04	3.2824 E+04	1.0089 E+06	- 3.3175 E+03	2.7038 E+03	1.5918 E+06	- 3.9492 E+02	7.1963 E+01	8.0833 E-02	- 1.4389 E+04	3.6913 E+03	6.0579 E+04
- 3.4001 E+01	1.2937 E+03	9.7761 E+00	- 8.0680 E+04	2.6259 E+04	1.4341 E+06	- 3.3175 E+03	2.2532 E+03	1.4338 E+06	- 3.9492 E+02	3.5981 E+01	1.0570 E+02	- 1.4389 E+04	0.0000 E+00	4.8505 E+05
- 3.4001 E+01	1.2349 E+03	8.0234 E+00	- 8.0680 E+04	1.9694 E+04	2.3368 E+06	- 3.3175 E+03	1.8025 E+03	1.1025 E+06	- 3.9492 E+02	0.0000 E+00	1.7897 E+03	- 1.8575 E+04	1.5503 E+05	2.5000 E+00
- 3.4001 E+01	1.1761 E+03	1.0265 E+01	- 8.0680 E+04	1.3129 E+04	3.0413 E+06	- 3.3175 E+03	1.3519 E+03	1.3513 E+06	- 4.3314 E+02	3.5981 E+02	5.0000 E+00	- 1.8575 E+04	8.4899 E+04	5.0404 E+00
- 3.4001 E+01	1.1173 E+03	1.0439 E+02	- 8.0680 E+04	6.5647 E+03	2.7415 E+06	- 3.3175 E+03	9.0126 E+02	2.3611 E+06	- 4.3314 E+02	2.8785 E+02	5.2785 E-01	- 1.8575 E+04	7.3825 E+04	4.0549 E+00
- 3.4001 E+01	1.0585 E+03	3.4634 E+01	- 8.0680 E+04	0.0000 E+00	7.5848 E+06	- 3.3175 E+03	4.5063 E+02	6.1957 E+06	- 4.3314 E+02	1.7991 E+02	5.0000 E+00	- 1.8575 E+04	7.0134 E+04	4.0428 E+00
- 3.4001 E+01	9.9969 E+02	1.0449 E+02	- 8.8351 E+04	2.8885 E+05	1.3485 E+00	- 3.3175 E+03	0.0000 E+00	1.1265 E+07	- 4.3314 E+02	1.4393 E+02	5.0000 E+00	- 1.8575 E+04	6.6443 E+04	5.0039 E+00
- 3.4001 E+01	9.4089 E+02	4.2114 E+01	- 8.8351 E+04	2.4946 E+05	1.3485 E+00	- 3.8488 E+03	1.6673 E+04	5.2785 E-01	- 4.3314 E+02	1.0794 E+02	1.2500 E+00	- 1.8575 E+04	6.2752 E+04	1.2904 E+00
- 3.4001 E+01	8.8208 E+02	1.0579 E+02	- 8.8351 E+04	2.3633 E+05	1.3485 E+00	- 3.8488 E+03	1.6223 E+04	8.9228 E-01	- 4.3314 E+02	7.1963 E+01	1.7667 E+02	- 1.8575 E+04	5.9060 E+04	2.9019 E+00
- 3.4001 E+01	8.2328 E+02	6.3755 E+01	- 8.8351 E+04	2.0351 E+05	9.2705 E+00	- 3.8488 E+03	1.5772 E+04	6.8030 E+00	- 4.3314 E+02	3.5981 E+01	3.1922 E+01	- 1.8575 E+04	5.5369 E+04	7.7840 E-01
- 3.4001 E+01	7.6447 E+02	1.0332 E+03	- 8.8351 E+04	1.6412 E+05	4.4060 E+02	- 3.8488 E+03	1.5321 E+04	1.8177 E+01	- 4.3314 E+02	0.0000 E+00	7.0266 E+02	- 1.8575 E+04	5.1678 E+04	1.6774 E+02
- 3.4001 E+01	7.0567 E+02	3.5500 E+03	- 8.8351 E+04	1.5755 E+05	1.0753 E+01	- 3.8488 E+03	1.4871 E+04	4.5154 E+00	- 4.7135 E+02	3.5981 E+01	2.5215 E+00	- 1.8575 E+04	4.7987 E+04	1.8101 E+01
- 3.4001 E+01	6.4686 E+02	6.1912 E+03	- 8.8351 E+04	1.5099 E+05	3.1664 E+01	- 3.8488 E+03	1.4420 E+04	1.3352 E+01	- 4.7135 E+02	0.0000 E+00	4.3670 E+01	- 1.8575 E+04	4.4295 E+04	4.6398 E+01
- 3.4001 E+01	5.8806 E+02	6.3050 E+03	- 8.8351 E+04	1.4442 E+05	7.1996 E+00	- 3.8488 E+03	1.3970 E+04	2.3980 E+00	- 5.0957 E+02	3.5981 E+01	6.2254 E+00	- 1.8575 E+04	4.0604 E+04	1.1970 E+01
- 3.4001 E+01	5.2925 E+02	1.4840 E+04	- 8.8351 E+04	1.3786 E+05	1.3210 E+02	- 3.8488 E+03	1.3519 E+04	5.3153 E+01	- 5.0957 E+02	0.0000 E+00	7.8387 E+01	- 1.8575 E+04	3.6913 E+04	2.1935 E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 3.4001 E+01	4.7044 E+02	3.6973 E+04	- 8.8351 E+04	1.3129 E+05	2.9771 E+03	- 3.8488 E+03	1.3068 E+04	1.1669 E+00	- 5.4778 E+02	0.0000 E+00	6.3142 E+00	- 1.8575 E+04	3.3221 E+04	1.8662 E+02
- 3.4001 E+01	4.1164 E+02	5.5587 E+04	- 8.8351 E+04	1.2473 E+05	4.8623 E+02	- 3.8488 E+03	1.2618 E+04	9.3535 E+01	- 5.8600 E+02	0.0000 E+00	4.1115 E+00	- 1.8575 E+04	2.9530 E+04	9.2805 E+01
- 3.4001 E+01	3.5283 E+02	8.1062 E+04	- 8.8351 E+04	1.1817 E+05	5.0179 E+03	- 3.8488 E+03	1.2167 E+04	2.0033 E+02	- 6.2421 E+02	0.0000 E+00	1.2254 E+00	- 1.8575 E+04	2.5839 E+04	2.5016 E+02
- 3.4001 E+01	2.9403 E+02	1.3687 E+05	- 8.8351 E+04	1.1160 E+05	2.1715 E+03	- 3.8488 E+03	1.1716 E+04	1.2243 E+02	- 6.6243 E+02	0.0000 E+00	1.2496 E+00	- 1.8575 E+04	2.2148 E+04	2.5042 E+02
- 3.4001 E+01	2.3522 E+02	2.7529 E+05	- 8.8351 E+04	1.0504 E+05	1.7899 E+04	- 3.8488 E+03	1.1266 E+04	1.1653 E+02				- 1.8575 E+04	1.8456 E+04	2.8238 E+02
- 3.4001 E+01	1.7642 E+02	5.8915 E+05	- 8.8351 E+04	9.8471 E+04	9.5162 E+03	- 3.8488 E+03	1.0815 E+04	2.8169 E+01				- 1.8575 E+04	1.4765 E+04	1.5216 E+02
- 3.4001 E+01	1.1761 E+02	1.8785 E+06	- 8.8351 E+04	9.1906 E+04	1.1455 E+04	- 3.8488 E+03	1.0364 E+04	8.3320 E+02				- 1.8575 E+04	1.1074 E+04	7.3500 E+02
- 3.4001 E+01	5.8806 E+01	5.6484 E+06	- 8.8351 E+04	8.5342 E+04	2.2957 E+04	- 3.8488 E+03	9.9139 E+03	6.9692 E+02				- 1.8575 E+04	7.3825 E+03	4.6081 E+03
- 3.4001 E+01	0.0000 E+00	1.9042 E+07	- 8.8351 E+04	7.8777 E+04	2.6139 E+04	- 3.8488 E+03	9.4632 E+03	1.8800 E+03				- 1.8575 E+04	3.6913 E+03	2.1695 E+04
- 1.0084 E+02	1.9406 E+03	4.0417 E-02	- 8.8351 E+04	7.2212 E+04	5.9720 E+04	- 3.8488 E+03	9.0126 E+03	5.0633 E+03				- 1.8575 E+04	0.0000 E+00	1.8073 E+05
- 1.0084 E+02	1.8818 E+03	1.3485 E+00	- 8.8351 E+04	6.5647 E+04	1.1915 E+05	- 3.8488 E+03	8.5620 E+03	9.4394 E+03				- 2.2760 E+04	8.8591 E+04	2.5000 E+00
- 1.0084 E+02	1.6466 E+03	3.0985 E+00	- 8.8351 E+04	5.9083 E+04	1.7034 E+05	- 3.8488 E+03	8.1113 E+03	1.3759 E+04				- 2.2760 E+04	7.0134 E+04	9.7013 E+00
- 1.0084 E+02	1.5289 E+03	2.3750 E+00	- 8.8351 E+04	5.2518 E+04	2.3133 E+05	- 3.8488 E+03	7.6607 E+03	1.6844 E+04				- 2.2760 E+04	6.6443 E+04	1.0557 E+00
- 1.0084 E+02	1.4701 E+03	1.3890 E+00	- 8.8351 E+04	4.5953 E+04	4.6704 E+05	- 3.8488 E+03	7.2101 E+03	3.0968 E+04				- 2.2760 E+04	6.2752 E+04	2.0833 E+00
- 1.0084 E+02	1.4113 E+03	3.0985 E+00	- 8.8351 E+04	3.9388 E+04	7.6302 E+05	- 3.8488 E+03	6.7595 E+03	4.0190 E+04				- 2.2760 E+04	5.5369 E+04	6.0557 E+00
- 1.0084 E+02	1.3525 E+03	2.7375 E+00	- 8.8351 E+04	3.2824 E+04	1.3350 E+06	- 3.8488 E+03	6.3088 E+03	6.1190 E+04				- 2.2760 E+04	4.7987 E+04	3.0107 E+01
- 1.0084 E+02	1.2937 E+03	8.1706 E+00	- 8.8351 E+04	2.6259 E+04	2.4499 E+06	- 3.8488 E+03	5.8582 E+03	1.0044 E+05				- 2.2760 E+04	4.4295 E+04	3.5491 E+00
- 1.0084 E+02	1.2349 E+03	8.5721 E+00	- 8.8351 E+04	1.9694 E+04	3.0258 E+06	- 3.8488 E+03	5.4076 E+03	1.3468 E+05				- 2.2760 E+04	4.0604 E+04	5.8177 E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 1.0084 E+02	1.1761 E+03	2.5518 E+01	- 8.8351 E+04	1.3129 E+04	3.3723 E+06	- 3.8488 E+03	4.9569 E+03	2.1259 E+05				- 2.2760 E+04	3.6913 E+04	9.8727 E+01
- 1.0084 E+02	1.1173 E+03	7.2034 E+00	- 8.8351 E+04	6.5647 E+03	3.1520 E+06	- 3.8488 E+03	4.5063 E+03	1.9932 E+05				- 2.2760 E+04	3.3221 E+04	5.3519 E+00
- 1.0084 E+02	1.0585 E+03	1.7724 E+01	- 8.8351 E+04	0.0000 E+00	8.0814 E+06	- 3.8488 E+03	4.0557 E+03	3.2442 E+05				- 2.2760 E+04	2.9530 E+04	1.0635 E+01
- 1.0084 E+02	9.9969 E+02	4.7250 E+01	- 9.6022 E+04	2.4290 E+05	1.3485 E+00	- 3.8488 E+03	3.6050 E+03	4.0815 E+05				- 2.2760 E+04	2.5839 E+04	1.8888 E+02
- 1.0084 E+02	9.4089 E+02	5.4797 E+01	- 9.6022 E+04	1.8381 E+05	2.2318 E+00	- 3.8488 E+03	3.1544 E+03	5.9627 E+05				- 2.2760 E+04	2.2148 E+04	5.1861 E+00
- 1.0084 E+02	8.8208 E+02	4.4623 E+01	- 9.6022 E+04	1.7725 E+05	8.5215 E+00	- 3.8488 E+03	2.7038 E+03	7.2094 E+05				- 2.2760 E+04	1.8456 E+04	3.8045 E+01
- 1.0084 E+02	8.2328 E+02	9.9228 E+01	- 9.6022 E+04	1.4442 E+05	1.6820 E+03	- 3.8488 E+03	2.2532 E+03	8.1108 E+05				- 2.2760 E+04	1.4765 E+04	4.6136 E+01
- 1.0084 E+02	7.6447 E+02	1.5408 E+02	- 9.6022 E+04	1.3786 E+05	4.8472 E+02	- 3.8488 E+03	1.8025 E+03	7.2608 E+05				- 2.2760 E+04	1.1074 E+04	1.0739 E+02
- 1.0084 E+02	7.0567 E+02	1.4126 E+02	- 9.6022 E+04	1.3129 E+05	1.2648 E+02	- 3.8488 E+03	1.3519 E+03	8.0029 E+05				- 2.2760 E+04	7.3825 E+03	3.6869 E+02
- 1.0084 E+02	6.4686 E+02	2.7438 E+02	- 9.6022 E+04	1.2473 E+05	9.9913 E+02	- 3.8488 E+03	9.0126 E+02	1.5098 E+06				- 2.2760 E+04	3.6913 E+03	7.2012 E+03
- 1.0084 E+02	5.8806 E+02	2.4766 E+02	- 9.6022 E+04	1.1817 E+05	1.2236 E+03	- 3.8488 E+03	4.5063 E+02	4.0472 E+06				- 2.2760 E+04	0.0000 E+00	7.6051 E+04
- 1.0084 E+02	5.2925 E+02	3.3617 E+02	- 9.6022 E+04	1.1160 E+05	1.9727 E+03	- 3.8488 E+03	0.0000 E+00	7.3661 E+06				- 2.6946 E+04	4.4295 E+04	2.0833 E+00
- 1.0084 E+02	4.7044 E+02	4.7692 E+02	- 9.6022 E+04	1.0504 E+05	3.0093 E+03	- 4.3801 E+03	2.0729 E+04	4.0417 E-02				- 2.6946 E+04	4.0604 E+04	9.0307 E+00
- 1.0084 E+02	4.1164 E+02	5.9975 E+02	- 9.6022 E+04	9.8471 E+04	8.2235 E+03	- 4.3801 E+03	1.7124 E+04	8.4860 E-02				- 2.6946 E+04	3.6913 E+04	2.3085 E+00
- 1.0084 E+02	3.5283 E+02	4.1428 E+03	- 9.6022 E+04	9.1906 E+04	1.1378 E+04	- 4.3801 E+03	1.6223 E+04	2.0154 E+00				- 2.6946 E+04	3.3221 E+04	1.2500 E+00
- 1.0084 E+02	2.9403 E+02	6.2189 E+03	- 9.6022 E+04	8.5342 E+04	2.1645 E+04	- 4.3801 E+03	1.5772 E+04	8.4860 E-02				- 2.6946 E+04	2.9530 E+04	1.8278 E+02
- 1.0084 E+02	2.3522 E+02	8.6738 E+03	- 9.6022 E+04	7.8777 E+04	3.8070 E+04	- 4.3801 E+03	1.5321 E+04	1.2528 E-01				- 2.6946 E+04	2.5839 E+04	4.8606 E+00
- 1.0084 E+02	1.7642 E+02	4.3857 E+04	- 9.6022 E+04	7.2212 E+04	6.8441 E+04	- 4.3801 E+03	1.4871 E+04	2.5000 E+00				- 2.6946 E+04	2.2148 E+04	3.6939 E+01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.1761	6.9554	-	6.5647	1.0119	-	1.4420	5.1513				-	1.8456	1.1329
1.0084	E+02	E+04	9.6022	E+04	E+05	4.3801	E+04	E+00				2.6946	E+04	E+01
-	5.8806	3.4707	-	5.9083	2.0555	-	1.3970	4.0417				-	1.4765	1.5825
1.0084	E+02	E+05	9.6022	E+04	E+05	4.3801	E+04	E-02				2.6946	E+04	E+01
-	0.0000	1.7393	-	5.2518	4.0677	-	1.3519	6.2500				-	1.1074	2.1522
1.0084	E+02	E+06	9.6022	E+04	E+05	4.3801	E+04	E-01				2.6946	E+04	E+02
-	1.9994	4.0417	-	4.5953	6.0643	-	1.3068	6.6542				-	7.3825	3.2178
1.6769	E+03	E-02	9.6022	E+04	E+05	4.3801	E+04	E-01				2.6946	E+03	E+02
-	1.9406	4.0417	-	3.9388	1.0439	-	1.2618	8.2661				-	3.6913	3.9116
1.6769	E+03	E-02	9.6022	E+04	E+06	4.3801	E+04	E+00				2.6946	E+03	E+03
-	1.7054	1.3485	-	3.2824	1.9310	-	1.2167	4.9242				-	0.0000	2.0109
1.6769	E+03	E+00	9.6022	E+04	E+06	4.3801	E+04	E+00				2.6946	E+00	E+04
-	1.5877	8.0833	-	2.6259	2.8876	-	1.1716	2.9019				-	4.4295	6.4802
1.6769	E+03	E-02	9.6022	E+04	E+06	4.3801	E+04	E+00				3.1131	E+04	E-01
-	1.5289	4.8485	-	1.9694	3.6355	-	1.1266	1.8192				-	3.6913	1.6167
1.6769	E+03	E+00	9.6022	E+04	E+06	4.3801	E+04	E+02				3.1131	E+04	E-01
-	1.4701	1.3485	-	1.3129	3.8409	-	1.0815	2.2804				-	2.5839	1.3715
1.6769	E+03	E+00	9.6022	E+04	E+06	4.3801	E+04	E+02				3.1131	E+04	E+01
-	1.4113	4.9294	-	6.5647	3.5727	-	1.0364	6.2077				-	2.2148	6.3438
1.6769	E+03	E+00	9.6022	E+04	E+06	4.3801	E+04	E+02				3.1131	E+04	E+00
-	1.3525	1.1671	-	0.0000	1.0094	-	9.9139	4.0762				-	1.8456	1.1148
1.6769	E+03	E+01	9.6022	E+04	E+07	4.3801	E+03	E+02				3.1131	E+04	E+01
-	1.2937	3.0985	-	1.7725	2.0107	-	9.4632	1.5462				-	1.4765	3.8682
1.6769	E+03	E+00	1.0369	E+05	E+01	4.3801	E+03	E+03				3.1131	E+04	E+01
-	1.2349	1.1447	-	1.7068	5.6000	-	9.0126	7.8988				-	1.1074	1.1339
1.6769	E+03	E+01	1.0369	E+05	E+02	4.3801	E+03	E+02				3.1131	E+04	E+01
-	1.1761	1.0947	-	1.5099	8.8104	-	8.5620	2.3945				-	7.3825	2.6074
1.6769	E+03	E+01	1.0369	E+05	E+02	4.3801	E+03	E+03				3.1131	E+03	E+02
-	1.1173	2.7743	-	1.4442	1.6459	-	8.1113	4.2154				-	3.6913	5.0775
1.6769	E+03	E+01	1.0369	E+05	E+03	4.3801	E+03	E+03				3.1131	E+03	E+03
-	1.0585	1.3926	-	1.3786	1.3711	-	7.6607	7.7767				-	0.0000	9.7059
1.6769	E+03	E+01	1.0369	E+05	E+03	4.3801	E+03	E+03				3.1131	E+00	E+03
-	9.9969	1.8591	-	1.3129	2.6663	-	7.2101	1.1276				-	3.6913	1.6972
1.6769	E+02	E+01	1.0369	E+05	E+03	4.3801	E+03	E+04				3.5316	E+04	E-01
-	9.4089	2.9894	-	1.2473	2.0105	-	6.7595	9.2954				-	3.3221	1.6972
1.6769	E+02	E+01	1.0369	E+05	E+03	4.3801	E+03	E+03				3.5316	E+04	E-01

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 1.6769 E+02	8.8208 E+02	4.4411 E+01	- 1.0369 E+05	1.1817 E+05	7.7212 E+03	- 4.3801 E+03	6.3088 E+03	1.8676 E+04				- 3.5316 E+04	2.5839 E+04	6.0557 E+00
- 1.6769 E+02	8.2328 E+02	4.5398 E+01	- 1.0369 E+05	1.1160 E+05	8.3303 E+03	- 4.3801 E+03	5.8582 E+03	2.2445 E+04				- 3.5316 E+04	2.2148 E+04	5.0039 E+00
- 1.6769 E+02	7.6447 E+02	6.5407 E+01	- 1.0369 E+05	1.0504 E+05	5.1933 E+03	- 4.3801 E+03	5.4076 E+03	2.8375 E+04				- 3.5316 E+04	1.4765 E+04	7.6062 E+00
- 1.6769 E+02	7.0567 E+02	4.2486 E+01	- 1.0369 E+05	9.8471 E+04	9.9300 E+03	- 4.3801 E+03	4.9569 E+03	2.9075 E+04				- 3.5316 E+04	1.1074 E+04	1.6960 E+02
- 1.6769 E+02	6.4686 E+02	1.6525 E+02	- 1.0369 E+05	9.1906 E+04	1.4264 E+04	- 4.3801 E+03	4.5063 E+03	5.1447 E+04				- 3.5316 E+04	7.3825 E+03	2.0422 E+02
- 1.6769 E+02	5.8806 E+02	7.1900 E+01	- 1.0369 E+05	8.5342 E+04	2.2521 E+04	- 4.3801 E+03	4.0557 E+03	4.4576 E+04				- 3.5316 E+04	3.6913 E+03	1.8665 E+03
- 1.6769 E+02	5.2925 E+02	1.6180 E+02	- 1.0369 E+05	7.8777 E+04	3.0523 E+04	- 4.3801 E+03	3.6050 E+03	1.0029 E+05				- 3.5316 E+04	0.0000 E+00	2.9927 E+03
- 1.6769 E+02	4.7044 E+02	1.5157 E+02	- 1.0369 E+05	7.2212 E+04	5.2750 E+04	- 4.3801 E+03	3.1544 E+03	1.1239 E+05				- 3.9502 E+04	4.0604 E+04	2.4184 E-02
- 1.6769 E+02	4.1164 E+02	2.8233 E+02	- 1.0369 E+05	6.5647 E+04	9.1815 E+04	- 4.3801 E+03	2.7038 E+03	1.5728 E+05				- 3.9502 E+04	2.2148 E+04	1.0557 E+00
- 1.6769 E+02	3.5283 E+02	1.8399 E+02	- 1.0369 E+05	5.9083 E+04	1.5540 E+05	- 4.3801 E+03	2.2532 E+03	1.4350 E+05				- 3.9502 E+04	1.1074 E+04	2.0833 E+00
- 1.6769 E+02	2.9403 E+02	2.0992 E+02	- 1.0369 E+05	5.2518 E+04	3.7931 E+05	- 4.3801 E+03	1.8025 E+03	2.0845 E+05				- 3.9502 E+04	7.3825 E+03	2.0133 E+02
- 1.6769 E+02	2.3522 E+02	5.2150 E+02	- 1.0369 E+05	4.5953 E+04	7.0058 E+05	- 4.3801 E+03	1.3519 E+03	3.2387 E+05				- 3.9502 E+04	3.6913 E+03	1.9619 E+03
- 1.6769 E+02	1.7642 E+02	1.2312 E+04	- 1.0369 E+05	3.9388 E+04	1.2458 E+06	- 4.3801 E+03	9.0126 E+02	6.6002 E+05				- 3.9502 E+04	0.0000 E+00	6.7595 E+03
- 1.6769 E+02	1.1761 E+02	1.7566 E+04	- 1.0369 E+05	3.2824 E+04	1.7982 E+06	- 4.3801 E+03	4.5063 E+02	2.0657 E+06				- 4.3687 E+04	2.5839 E+04	5.0000 E+00
- 1.6769 E+02	5.8806 E+01	4.7191 E+04	- 1.0369 E+05	2.6259 E+04	2.6757 E+06	- 4.3801 E+03	0.0000 E+00	4.2135 E+06				- 4.3687 E+04	2.2148 E+04	1.2092 E-02
- 1.6769 E+02	0.0000 E+00	3.7951 E+05	- 1.0369 E+05	1.9694 E+04	3.4952 E+06	- 4.9113 E+03	1.7124 E+04	1.7500 E+00				- 4.3687 E+04	1.8456 E+04	1.6972 E-01
- 2.3453 E+02	1.7054 E+03	1.7500 E+00	- 1.0369 E+05	1.3129 E+04	3.6538 E+06	- 4.9113 E+03	1.5321 E+04	4.0417 E-02				- 4.3687 E+04	1.4765 E+04	8.0833 E-02
- 2.3453 E+02	1.4113 E+03	1.7500 E+00	- 1.0369 E+05	6.5647 E+03	4.4336 E+06	- 4.9113 E+03	1.4871 E+04	4.0417 E-02				- 4.3687 E+04	7.3825 E+03	1.6667 E-01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 2.3453 E+02	1.3525 E+03	8.5721 E+00	- 1.0369 E+05	0.0000 E+00	1.3240 E+07	- 4.9113 E+03	1.4420 E+04	5.6827 E-01				- 4.3687 E+04	3.6913 E+03	3.9322 E+02
- 2.3453 E+02	1.2937 E+03	1.8308 E+00	- 1.1136 E+05	1.7068 E+05	2.0107 E+01	- 4.9113 E+03	1.3970 E+04	5.1130 E-02				- 4.3687 E+04	0.0000 E+00	2.0838 E+03
- 2.3453 E+02	1.2349 E+03	6.1971 E+00	- 1.1136 E+05	1.6412 E+05	7.9002 E+01	- 4.9113 E+03	1.3519 E+04	6.6542 E-01				- 4.7873 E+04	4.4295 E+04	1.0557 E+00
- 2.3453 E+02	1.1761 E+03	6.5985 E+00	- 1.1136 E+05	1.5755 E+05	1.9186 E+02	- 4.9113 E+03	1.3068 E+04	4.0417 E-02				- 4.7873 E+04	1.1074 E+04	5.0000 E+00
- 2.3453 E+02	1.1173 E+03	5.2500 E+00	- 1.1136 E+05	1.4442 E+05	1.9917 E+02	- 4.9113 E+03	1.2618 E+04	6.2500 E-01				- 4.7873 E+04	7.3825 E+03	1.0081 E+01
- 2.3453 E+02	1.0585 E+03	9.6971 E+00	- 1.1136 E+05	1.3786 E+05	5.7191 E+03	- 4.9113 E+03	1.1716 E+04	1.6972 E-01				- 4.7873 E+04	3.6913 E+03	3.2022 E+01
- 2.3453 E+02	9.9969 E+02	9.6971 E+00	- 1.1136 E+05	1.3129 E+05	6.7848 E+03	- 4.9113 E+03	1.0815 E+04	7.2868 E+00				- 4.7873 E+04	0.0000 E+00	7.4750 E+02
- 2.3453 E+02	9.4089 E+02	2.5190 E+01	- 1.1136 E+05	1.2473 E+05	5.0140 E+03	- 4.9113 E+03	1.0364 E+04	9.9078 E+01				- 5.2058 E+04	7.3825 E+03	2.4184 E-02
- 2.3453 E+02	8.8208 E+02	8.2500 E+00	- 1.1136 E+05	1.1817 E+05	4.8723 E+03	- 4.9113 E+03	9.9139 E+03	4.2191 E+02				- 5.2058 E+04	3.6913 E+03	2.1582 E+01
- 2.3453 E+02	8.2328 E+02	3.1288 E+01	- 1.1136 E+05	1.1160 E+05	1.0148 E+04	- 4.9113 E+03	9.4632 E+03	3.9057 E+02				- 5.2058 E+04	0.0000 E+00	1.7552 E+03
- 2.3453 E+02	7.6447 E+02	3.7108 E+01	- 1.1136 E+05	1.0504 E+05	9.5909 E+03	- 4.9113 E+03	9.0126 E+03	2.8111 E+02				- 5.6243 E+04	3.6913 E+03	1.2500 E+00
- 2.3453 E+02	7.0567 E+02	1.5250 E+01	- 1.1136 E+05	9.8471 E+04	9.7535 E+03	- 4.9113 E+03	8.5620 E+03	7.5587 E+02				- 5.6243 E+04	0.0000 E+00	5.2517 E+01
- 2.3453 E+02	6.4686 E+02	1.3197 E+01	- 1.1136 E+05	9.1906 E+04	1.4135 E+04	- 4.9113 E+03	8.1113 E+03	6.1202 E+02				- 6.0429 E+04	7.3825 E+03	5.0000 E+00
- 2.3453 E+02	5.8806 E+02	2.6475 E+01	- 1.1136 E+05	8.5342 E+04	2.2364 E+04	- 4.9113 E+03	7.6607 E+03	8.0612 E+02				- 6.0429 E+04	3.6913 E+03	3.6335 E+02
- 2.3453 E+02	5.2925 E+02	4.0683 E+01	- 1.1136 E+05	7.8777 E+04	3.6168 E+04	- 4.9113 E+03	7.2101 E+03	8.6954 E+02				- 6.0429 E+04	0.0000 E+00	2.0285 E+01
- 2.3453 E+02	4.7044 E+02	4.7325 E+01	- 1.1136 E+05	7.2212 E+04	4.4776 E+04	- 4.9113 E+03	6.7595 E+03	1.5274 E+03				- 6.4614 E+04	0.0000 E+00	1.6667 E+02
- 2.3453 E+02	4.1164 E+02	5.3236 E+01	- 1.1136 E+05	6.5647 E+04	8.5338 E+04	- 4.9113 E+03	6.3088 E+03	3.3078 E+03				- 6.8800 E+04	3.6913 E+03	1.6667 E+02
- 2.3453 E+02	3.5283 E+02	9.6256 E+01	- 1.1136 E+05	5.9083 E+04	1.4012 E+05	- 4.9113 E+03	5.8582 E+03	5.5433 E+03				- 6.8800 E+04	0.0000 E+00	5.0000 E+00

Original Instruction: T05 0138-8633 VER 00
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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 2.3453 E+02	2.9403 E+02	9.5425 E+01	- 1.1136 E+05	5.2518 E+04	2.8248 E+05	- 4.9113 E+03	5.4076 E+03	1.0591 E+04				- 7.2985 E+04	3.6913 E+03	5.0000 E+00
- 2.3453 E+02	2.3522 E+02	1.0640 E+02	- 1.1136 E+05	4.5953 E+04	4.8862 E+05	- 4.9113 E+03	4.9569 E+03	7.8818 E+03				- 7.2985 E+04	0.0000 E+00	5.0000 E+00
- 2.3453 E+02	1.7642 E+02	1.2035 E+02	- 1.1136 E+05	3.9388 E+04	9.7757 E+05	- 4.9113 E+03	4.5063 E+03	9.8391 E+03				- 7.7170 E+04	0.0000 E+00	1.6667 E+02
- 2.3453 E+02	1.1761 E+02	7.2911 E+03	- 1.1136 E+05	3.2824 E+04	1.5898 E+06	- 4.9113 E+03	4.0557 E+03	1.3701 E+04						
- 2.3453 E+02	5.8806 E+01	1.1324 E+04	- 1.1136 E+05	2.6259 E+04	2.5336 E+06	- 4.9113 E+03	3.6050 E+03	7.4993 E+03						
- 2.3453 E+02	0.0000 E+00	6.5301 E+04	- 1.1136 E+05	1.9694 E+04	3.6985 E+06	- 4.9113 E+03	3.1544 E+03	1.4887 E+04						
- 3.0138 E+02	1.8230 E+03	1.3485 E+00	- 1.1136 E+05	1.3129 E+04	3.7125 E+06	- 4.9113 E+03	2.7038 E+03	8.3049 E+03						
- 3.0138 E+02	1.4701 E+03	1.3485 E+00	- 1.1136 E+05	6.5647 E+03	5.4233 E+06	- 4.9113 E+03	2.2532 E+03	1.2672 E+04						
- 3.0138 E+02	1.4113 E+03	1.3485 E+00	- 1.1136 E+05	0.0000 E+00	1.6831 E+07	- 4.9113 E+03	1.8025 E+03	3.6526 E+04						
- 3.0138 E+02	1.3525 E+03	1.1046 E+01	- 1.1903 E+05	1.7068 E+05	1.0657 E+02	- 4.9113 E+03	1.3519 E+03	8.3745 E+04						
- 3.0138 E+02	1.2937 E+03	1.3485 E+00	- 1.1903 E+05	1.4442 E+05	5.6000 E+02	- 4.9113 E+03	9.0126 E+02	2.1595 E+05						
- 3.0138 E+02	1.2349 E+03	1.7500 E+00	- 1.1903 E+05	1.3786 E+05	1.0665 E+02	- 4.9113 E+03	4.5063 E+02	7.6403 E+05						
- 3.0138 E+02	1.1761 E+03	4.4471 E+00	- 1.1903 E+05	1.3129 E+05	5.0062 E+03	- 4.9113 E+03	0.0000 E+00	2.1748 E+06						
- 3.0138 E+02	1.1173 E+03	1.3485 E+00	- 1.1903 E+05	1.2473 E+05	8.3462 E+03	- 5.4426 E+03	1.8476 E+04	4.0417 E-02						
- 3.0138 E+02	1.0585 E+03	4.4471 E+00	- 1.1903 E+05	1.1817 E+05	2.2232 E+04	- 5.4426 E+03	1.5321 E+04	1.7500 E+00						
- 3.0138 E+02	9.9969 E+02	4.0457 E+00	- 1.1903 E+05	1.1160 E+05	2.3108 E+04	- 5.4426 E+03	1.2618 E+04	1.5339 E+01						
- 3.0138 E+02	9.4089 E+02	1.7500 E+00	- 1.1903 E+05	1.0504 E+05	2.7969 E+04	- 5.4426 E+03	1.1266 E+04	1.0657 E+02						
- 3.0138 E+02	8.8208 E+02	6.1971 E+00	- 1.1903 E+05	9.8471 E+04	3.5558 E+04	- 5.4426 E+03	1.0364 E+04	1.9106 E+02						

Original Instruction: T05 0138-8633 VER 00
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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	3.0138	8.2328	3.5808	-	1.1903	9.1906	2.0739	-	5.4426	9.9139	6.2625			
E+02	E+02	E+00	E+05	E+04	E+04	E+03	E+03	E+00						
-	3.0138	7.6447	6.1971	-	1.1903	8.5342	3.0004	-	5.4426	9.4632	4.0213			
E+02	E+02	E+00	E+05	E+04	E+04	E+03	E+03	E+01						
-	3.0138	7.0567	1.3822	-	1.1903	7.8777	7.7730	-	5.4426	9.0126	9.7469			
E+02	E+02	E+01	E+05	E+04	E+04	E+03	E+03	E+00						
-	3.0138	6.4686	5.3942	-	1.1903	7.2212	7.7303	-	5.4426	8.5620	2.6980			
E+02	E+02	E+00	E+05	E+04	E+04	E+03	E+03	E+01						
-	3.0138	5.8806	7.0808	-	1.1903	6.5647	8.0305	-	5.4426	8.1113	1.7639			
E+02	E+02	E+00	E+05	E+04	E+04	E+03	E+03	E+02						
-	3.0138	5.2925	3.6172	-	1.1903	5.9083	1.6520	-	5.4426	7.6607	3.1528			
E+02	E+02	E+01	E+05	E+04	E+05	E+03	E+03	E+01						
-	3.0138	4.7044	3.0788	-	1.1903	5.2518	2.4985	-	5.4426	7.2101	4.9306			
E+02	E+02	E+01	E+05	E+04	E+05	E+03	E+03	E+02						
-	3.0138	4.1164	2.2341	-	1.1903	4.5953	5.1227	-	5.4426	6.7595	2.0389			
E+02	E+02	E+01	E+05	E+04	E+05	E+03	E+03	E+02						
-	3.0138	3.5283	5.7708	-	1.1903	3.9388	8.6392	-	5.4426	6.3088	1.3095			
E+02	E+02	E+01	E+05	E+04	E+05	E+03	E+03	E+03						
-	3.0138	2.9403	4.4948	-	1.1903	3.2824	1.6820	-	5.4426	5.8582	7.5242			
E+02	E+02	E+01	E+05	E+04	E+06	E+03	E+03	E+02						
-	3.0138	2.3522	5.6219	-	1.1903	2.6259	2.9740	-	5.4426	5.4076	1.0404			
E+02	E+02	E+01	E+05	E+04	E+06	E+03	E+03	E+03						
-	3.0138	1.7642	1.0412	-	1.1903	1.9694	3.7168	-	5.4426	4.9569	2.4526			
E+02	E+02	E+02	E+05	E+04	E+06	E+03	E+03	E+03						
-	3.0138	1.1761	3.4531	-	1.1903	1.3129	4.4534	-	5.4426	4.5063	4.2441			
E+02	E+02	E+02	E+05	E+04	E+06	E+03	E+03	E+03						
-	3.0138	5.8806	2.5477	-	1.1903	6.5647	5.9798	-	5.4426	4.0557	2.8561			
E+02	E+01	E+03	E+05	E+03	E+06	E+03	E+03	E+03						
-	3.0138	0.0000	8.6213	-	1.1903	0.0000	1.9172	-	5.4426	3.6050	1.7315			
E+02	E+00	E+03	E+05	E+00	E+07	E+03	E+03	E+03						
-	3.6822	1.6466	1.3485	-	1.2670	1.3786	1.3890	-	5.4426	3.1544	2.8100			
E+02	E+03	E+00	E+05	E+05	E+00	E+03	E+03	E+02						
-	3.6822	1.5877	1.3485	-	1.2670	1.3129	2.5710	-	5.4426	2.7038	2.4857			
E+02	E+03	E+00	E+05	E+05	E+03	E+03	E+03	E+03						
-	3.6822	1.4701	1.3485	-	1.2670	1.2473	3.8888	-	5.4426	2.2532	2.1524			
E+02	E+03	E+00	E+05	E+05	E+03	E+03	E+03	E+03						

Original Instruction: T05 0138-8633 VER 00
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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.4113	1.7500	-	1.1817	9.8012	-	1.8025	4.4951						
3.6822	E+03	E+00	1.2670	E+05	E+03	5.4426	E+03	E+03						
-	1.3525	3.0985	-	1.1160	1.3241	-	1.3519	1.2821						
3.6822	E+03	E+00	1.2670	E+05	E+04	5.4426	E+03	E+04						
-	1.2937	1.3485	-	1.0504	4.1589	-	9.0126	5.1911						
3.6822	E+03	E+00	1.2670	E+05	E+04	5.4426	E+03	E+04						
-	1.1173	2.6971	-	9.8471	2.8617	-	4.5063	2.2099						
3.6822	E+03	E+00	1.2670	E+05	E+04	5.4426	E+03	E+05						
-	9.4089	5.3942	-	9.1906	1.9370	-	0.0000	8.0150						
3.6822	E+02	E+00	1.2670	E+05	E+04	5.4426	E+03	E+05						
-	8.8208	2.6971	-	8.5342	3.0536	-	1.3519	4.0417						
3.6822	E+02	E+00	1.2670	E+05	E+04	5.9739	E+03	E-02						
-	7.6447	2.6971	-	7.8777	5.9920	-	9.9139	1.0753						
3.6822	E+02	E+00	1.2670	E+05	E+04	5.9739	E+03	E+01						
-	7.0567	8.9750	-	7.2212	8.9024	-	9.4632	1.4107						
3.6822	E+02	E+00	1.2670	E+05	E+04	5.9739	E+03	E+01						
-	6.4686	1.2500	-	6.5647	1.0900	-	9.0126	2.2681						
3.6822	E+02	E+00	1.2670	E+05	E+05	5.9739	E+03	E+00						
-	5.8806	5.3942	-	5.9083	1.6851	-	8.5620	1.6894						
3.6822	E+02	E+00	1.2670	E+05	E+05	5.9739	E+03	E+02						
-	5.2925	9.6971	-	5.2518	2.6073	-	8.1113	1.5332						
3.6822	E+02	E+00	1.2670	E+05	E+05	5.9739	E+03	E+01						
-	4.7044	2.2894	-	4.5953	4.0578	-	7.6607	3.5148						
3.6822	E+02	E+01	1.2670	E+05	E+05	5.9739	E+03	E+00						
-	4.1164	2.0197	-	3.9388	8.4178	-	7.2101	2.2735						
3.6822	E+02	E+01	1.2670	E+05	E+05	5.9739	E+03	E+01						
-	3.5283	3.4291	-	3.2824	1.5301	-	6.7595	4.4833						
3.6822	E+02	E+01	1.2670	E+05	E+06	5.9739	E+03	E+01						
-	2.9403	3.5897	-	2.6259	2.7927	-	6.3088	3.0387						
3.6822	E+02	E+01	1.2670	E+05	E+06	5.9739	E+03	E+02						
-	2.3522	4.7919	-	1.9694	3.9372	-	5.8582	6.3444						
3.6822	E+02	E+01	1.2670	E+05	E+06	5.9739	E+03	E+01						
-	1.7642	7.2204	-	1.3129	4.8279	-	5.4076	1.5736						
3.6822	E+02	E+01	1.2670	E+05	E+06	5.9739	E+03	E+02						
-	1.1761	1.1354	-	6.5647	6.9732	-	4.9569	2.3181						
3.6822	E+02	E+02	1.2670	E+05	E+06	5.9739	E+03	E+02						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	5.8806	1.7291	-	0.0000	2.3739	-	4.5063	4.2558						
3.6822	E+01	E+02	1.2670	E+00	E+07	5.9739	E+03	E+01						
-	0.0000	2.3372	-	1.3786	1.9917	-	4.0557	6.4720						
3.6822	E+00	E+03	1.3437	E+05	E+02	5.9739	E+03	E+02						
-	1.8818	1.3485	-	1.3129	1.9917	-	3.6050	6.7449						
4.3506	E+03	E+00	1.3437	E+05	E+02	5.9739	E+03	E+02						
-	1.3525	2.6971	-	1.2473	1.1588	-	3.1544	4.5178						
4.3506	E+03	E+00	1.3437	E+05	E+03	5.9739	E+03	E+02						
-	8.8208	5.3942	-	1.1817	3.2815	-	2.7038	6.9242						
4.3506	E+02	E+00	1.3437	E+05	E+03	5.9739	E+03	E+01						
-	8.2328	3.5000	-	1.1160	7.2214	-	2.2532	2.4115						
4.3506	E+02	E+00	1.3437	E+05	E+03	5.9739	E+03	E+02						
-	6.4686	2.6971	-	1.0504	1.4745	-	1.8025	2.5624						
4.3506	E+02	E+00	1.3437	E+05	E+04	5.9739	E+03	E+03						
-	5.8806	7.0000	-	9.8471	2.8602	-	1.3519	2.0538						
4.3506	E+02	E+00	1.3437	E+05	E+04	5.9739	E+03	E+03						
-	5.2925	1.6778	-	9.1906	3.4796	-	9.0126	8.0797						
4.3506	E+02	E+01	1.3437	E+05	E+04	5.9739	E+03	E+03						
-	4.7044	6.6442	-	8.5342	4.9876	-	4.5063	7.3191						
4.3506	E+02	E+00	1.3437	E+05	E+04	5.9739	E+03	E+04						
-	4.1164	1.0382	-	7.8777	5.5398	-	0.0000	2.7144						
4.3506	E+02	E+02	1.3437	E+05	E+04	5.9739	E+03	E+05						
-	3.5283	1.8591	-	7.2212	1.1281	-	9.0126	8.0833						
4.3506	E+02	E+01	1.3437	E+05	E+05	6.5052	E+03	E-02						
-	2.9403	2.4947	-	6.5647	1.1136	-	8.5620	1.0557						
4.3506	E+02	E+01	1.3437	E+05	E+05	6.5052	E+03	E+00						
-	2.3522	2.3869	-	5.9083	2.3388	-	7.6607	1.6837						
4.3506	E+02	E+01	1.3437	E+05	E+05	6.5052	E+03	E+02						
-	1.7642	4.9369	-	5.2518	2.4147	-	7.2101	4.4636						
4.3506	E+02	E+01	1.3437	E+05	E+05	6.5052	E+03	E+00						
-	1.1761	6.9630	-	4.5953	3.7668	-	6.7595	1.1058						
4.3506	E+02	E+01	1.3437	E+05	E+05	6.5052	E+03	E+01						
-	5.8806	1.1705	-	3.9388	8.8933	-	6.3088	8.2994						
4.3506	E+01	E+02	1.3437	E+05	E+05	6.5052	E+03	E+01						
-	0.0000	2.4050	-	3.2824	1.5730	-	5.8582	1.0683						
4.3506	E+00	E+02	1.3437	E+05	E+06	6.5052	E+03	E+00						

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.5877	1.3485	-	2.6259	2.8317	-	5.4076	1.8183						
5.0191	E+03	E+00	1.3437	E+04	E+06	6.5052	E+03	E+02						
E+02			E+05			E+03								
-	8.2328	3.5000	-	1.9694	4.3859	-	4.9569	1.0337						
5.0191	E+02	E+00	1.3437	E+04	E+06	6.5052	E+03	E+01						
E+02			E+05			E+03								
-	6.4686	6.1971	-	1.3129	5.5039	-	4.5063	3.3019						
5.0191	E+02	E+00	1.3437	E+04	E+06	6.5052	E+03	E+01						
E+02			E+05			E+03								
-	5.2925	3.5000	-	6.5647	8.0500	-	4.0557	1.8656						
5.0191	E+02	E+00	1.3437	E+03	E+06	6.5052	E+03	E+01						
E+02			E+05			E+03								
-	4.7044	6.1971	-	0.0000	2.9164	-	3.6050	6.1719						
5.0191	E+02	E+00	1.3437	E+00	E+07	6.5052	E+03	E+02						
E+02			E+05			E+03								
-	4.1164	1.3197	-	1.2473	2.0052	-	3.1544	5.3489						
5.0191	E+02	E+01	1.4205	E+05	E+02	6.5052	E+03	E+00						
E+02			E+05			E+03								
-	3.5283	2.6971	-	1.1817	4.0457	-	2.7038	6.0188						
5.0191	E+02	E+00	1.4205	E+05	E+00	6.5052	E+03	E+01						
E+02			E+05			E+03								
-	2.9403	1.4369	-	1.1160	1.3231	-	2.2532	2.5617						
5.0191	E+02	E+01	1.4205	E+05	E+03	6.5052	E+03	E+01						
E+02			E+05			E+03								
-	2.3522	1.8394	-	1.0504	1.0743	-	1.8025	3.1956						
5.0191	E+02	E+01	1.4205	E+05	E+03	6.5052	E+03	E+01						
E+02			E+05			E+03								
-	1.7642	2.6119	-	9.8471	5.9751	-	1.3519	1.3539						
5.0191	E+02	E+01	1.4205	E+04	E+03	6.5052	E+03	E+03						
E+02			E+05			E+03								
-	1.1761	6.6511	-	9.1906	2.1152	-	9.0126	1.5761						
5.0191	E+02	E+01	1.4205	E+04	E+04	6.5052	E+03	E+03						
E+02			E+05			E+03								
-	5.8806	7.4630	-	8.5342	4.1715	-	4.5063	2.9747						
5.0191	E+02	E+01	1.4205	E+04	E+04	6.5052	E+03	E+04						
E+02			E+05			E+03								
-	0.0000	1.4066	-	7.8777	5.8618	-	0.0000	7.2877						
5.0191	E+02	E+02	1.4205	E+04	E+04	6.5052	E+03	E+04						
E+02			E+05			E+03								
-	5.8806	5.3942	-	7.2212	1.1855	-	9.9139	4.0307						
5.6875	E+02	E+00	1.4205	E+04	E+05	7.0365	E+03	E+00						
E+02			E+05			E+03								
-	4.1164	6.1971	-	6.5647	1.6156	-	9.0126	6.4802						
5.6875	E+02	E+00	1.4205	E+04	E+05	7.0365	E+03	E-01						
E+02			E+05			E+03								
-	3.5283	2.6971	-	5.9083	2.3641	-	8.1113	4.3701						
5.6875	E+02	E+00	1.4205	E+04	E+05	7.0365	E+03	E+00						
E+02			E+05			E+03								
-	2.9403	1.3114	-	5.2518	3.2085	-	7.6607	6.4802						
5.6875	E+02	E+01	1.4205	E+04	E+05	7.0365	E+03	E-01						
E+02			E+05			E+03								
-	2.3522	2.2091	-	4.5953	5.4789	-	7.2101	3.5744						
5.6875	E+02	E+01	1.4205	E+04	E+05	7.0365	E+03	E+00						
E+02			E+05			E+03								



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.7642	2.2619	-	3.9388	1.0877	-	6.3088	3.3944						
5.6875	E+02	E+01	1.4205	E+04	E+06	7.0365	E+03	E-01						
-	1.1761	3.9591	-	3.2824	2.0574	-	5.8582	4.1115						
5.6875	E+02	E+01	1.4205	E+04	E+06	7.0365	E+03	E+00						
-	5.8806	7.5690	-	2.6259	3.9063	-	4.9569	1.6375						
5.6875	E+02	E+01	1.4205	E+04	E+06	7.0365	E+03	E+01						
-	0.0000	8.9451	-	1.9694	5.3768	-	4.5063	1.7037						
5.6875	E+02	E+01	1.4205	E+04	E+06	7.0365	E+03	E+00						
-	8.8208	2.6971	-	1.3129	6.2339	-	4.0557	4.4969						
6.3559	E+02	E+00	1.4205	E+04	E+06	7.0365	E+03	E+01						
-	6.4686	2.6971	-	6.5647	9.8243	-	3.6050	6.9468						
6.3559	E+02	E+00	1.4205	E+05	E+06	7.0365	E+03	E+00						
-	4.7044	2.6971	-	0.0000	3.5920	-	3.1544	1.8151						
6.3559	E+02	E+00	1.4205	E+05	E+07	7.0365	E+03	E+02						
-	2.9403	2.6971	-	1.1817	1.0657	-	2.7038	2.6869						
6.3559	E+02	E+00	1.4972	E+05	E+02	7.0365	E+03	E+01						
-	2.3522	1.5811	-	1.0504	2.6629	-	2.2532	5.2481						
6.3559	E+02	E+01	1.4972	E+05	E+03	7.0365	E+03	E+00						
-	1.7642	1.2394	-	9.8471	2.6656	-	1.8025	1.6771						
6.3559	E+02	E+01	1.4972	E+05	E+03	7.0365	E+03	E+02						
-	1.1761	3.6006	-	9.1906	1.3485	-	1.3519	2.3166						
6.3559	E+02	E+01	1.4972	E+05	E+00	7.0365	E+03	E+02						
-	5.8806	3.2591	-	8.5342	1.6184	-	9.0126	5.8389						
6.3559	E+02	E+01	1.4972	E+05	E+03	7.0365	E+03	E+02						
-	0.0000	5.0549	-	7.8777	8.5735	-	4.5063	4.8362						
6.3559	E+02	E+01	1.4972	E+05	E+03	7.0365	E+03	E+03						
-	4.7044	2.6971	-	7.2212	3.6746	-	0.0000	2.6139						
7.0244	E+02	E+00	1.4972	E+05	E+04	7.0365	E+03	E+04						
-	4.1164	2.6971	-	6.5647	4.6412	-	9.0126	1.0557						
7.0244	E+02	E+00	1.4972	E+05	E+04	7.5678	E+03	E+00						
-	3.5283	5.3942	-	5.9083	1.7157	-	8.5620	1.6972						
7.0244	E+02	E+00	1.4972	E+05	E+05	7.5678	E+03	E-01						
-	2.9403	3.5000	-	5.2518	3.0587	-	8.1113	1.0557						
7.0244	E+02	E+00	1.4972	E+05	E+05	7.5678	E+03	E+00						
-	2.3522	5.3942	-	4.5953	6.3155	-	6.3088	4.9293						
7.0244	E+02	E+00	1.4972	E+05	E+05	7.5678	E+03	E+00						

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 7.0244 E+02	1.7642 E+02	8.0833 E-02	- 1.4972 E+05	3.9388 E+04	1.2494 E+06	- 7.5678 E+03	5.4076 E+03	9.7596 E+00						
- 7.0244 E+02	1.1761 E+02	5.3942 E+00	- 1.4972 E+05	3.2824 E+04	2.4570 E+06	- 7.5678 E+03	4.9569 E+03	1.6972 E-01						
- 7.0244 E+02	5.8806 E+01	1.7061 E+01	- 1.4972 E+05	2.6259 E+04	4.5782 E+06	- 7.5678 E+03	4.0557 E+03	5.2561 E+00						
- 7.0244 E+02	0.0000 E+00	7.4471 E+00	- 1.4972 E+05	1.9694 E+04	7.0514 E+06	- 7.5678 E+03	3.6050 E+03	1.6972 E-01						
- 7.6928 E+02	5.2925 E+02	2.6971 E+00	- 1.4972 E+05	1.3129 E+04	7.9367 E+06	- 7.5678 E+03	3.1544 E+03	1.9543 E+00						
- 7.6928 E+02	1.7642 E+02	2.6971 E+00	- 1.4972 E+05	6.5647 E+03	1.1805 E+07	- 7.5678 E+03	2.7038 E+03	6.4802 E-01						
- 7.6928 E+02	5.8806 E+01	8.0913 E+00	- 1.4972 E+05	0.0000 E+00	3.9433 E+07	- 7.5678 E+03	2.2532 E+03	8.9857 E-01						
- 8.3613 E+02	1.7642 E+02	5.4750 E+00	- 1.5739 E+05	1.2473 E+05	1.3485 E+00	- 7.5678 E+03	1.8025 E+03	1.7968 E+01						
- 8.3613 E+02	5.8806 E+01	2.6971 E+00	- 1.5739 E+05	1.1817 E+05	1.3485 E+00	- 7.5678 E+03	1.3519 E+03	2.3500 E+01						
- 8.3613 E+02	0.0000 E+00	6.0000 E+00	- 1.5739 E+05	1.1160 E+05	1.3485 E+00	- 7.5678 E+03	9.0126 E+02	3.3348 E+01						
- 9.0297 E+02	1.7642 E+02	2.6971 E+00	- 1.5739 E+05	1.0504 E+05	4.0457 E+00	- 7.5678 E+03	4.5063 E+02	2.4727 E+03						
- 9.0297 E+02	1.1761 E+02	1.3114 E+01	- 1.5739 E+05	7.8777 E+04	4.0457 E+00	- 7.5678 E+03	0.0000 E+00	3.5270 E+03						
- 9.0297 E+02	5.8806 E+01	8.0833 E-02	- 1.5739 E+05	7.2212 E+04	4.1164 E+02	- 8.0990 E+03	6.3088 E+03	5.2807 E+00						
- 9.0297 E+02	0.0000 E+00	3.5000 E+00	- 1.5739 E+05	6.5647 E+04	7.6854 E+02	- 8.0990 E+03	5.8582 E+03	1.2254 E+00						
- 1.0367 E+03	5.8806 E+01	2.6971 E+00	- 1.5739 E+05	5.9083 E+04	1.6901 E+04	- 8.0990 E+03	5.4076 E+03	3.4883 E+00						
			- 1.5739 E+05	5.2518 E+04	1.0344 E+05	- 8.0990 E+03	4.9569 E+03	2.2681 E+00						
			- 1.5739 E+05	4.5953 E+04	2.1470 E+05	- 8.0990 E+03	4.0557 E+03	8.0833 E-02						
			- 1.5739 E+05	3.9388 E+04	5.4936 E+05	- 8.0990 E+03	2.7038 E+03	8.0833 E-02						

Original Instruction: T05 0138-8633 VER 00
 Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
			- 1.5739 E+05	3.2824 E+04	1.1782 E+06	- 8.0990 E+03	1.3519 E+03	4.4636 E+00						
			- 1.5739 E+05	2.6259 E+04	2.3575 E+06	- 8.0990 E+03	9.0126 E+02	9.8746 E-01						
			- 1.5739 E+05	1.9694 E+04	3.6685 E+06	- 8.0990 E+03	4.5063 E+02	6.5544 E+01						
			- 1.5739 E+05	1.3129 E+04	4.2532 E+06	- 8.0990 E+03	0.0000 E+00	5.1982 E+03						
			- 1.5739 E+05	6.5647 E+03	6.6567 E+06	- 8.6303 E+03	6.3088 E+03	4.5557 E+00						
			- 1.5739 E+05	0.0000 E+00	2.4919 E+07	- 8.6303 E+03	5.8582 E+03	8.0833 E-02						
			- 1.6506 E+05	1.3129 E+05	1.3485 E+00	- 8.6303 E+03	1.8025 E+03	5.0000 E+00						
			- 1.6506 E+05	8.5342 E+04	1.3485 E+00	- 8.6303 E+03	1.3519 E+03	1.4945 E+01						
			- 1.6506 E+05	5.9083 E+04	1.5209 E+03	- 8.6303 E+03	9.0126 E+02	3.3944 E-01						
			- 1.6506 E+05	5.2518 E+04	8.0913 E+00	- 8.6303 E+03	4.5063 E+02	4.0610 E+01						
			- 1.6506 E+05	4.5953 E+04	4.0104 E+02	- 8.6303 E+03	0.0000 E+00	6.0965 E+02						
			- 1.6506 E+05	3.9388 E+04	2.7175 E+04	- 9.1616 E+03	5.8582 E+03	8.0833 E-02						
			- 1.6506 E+05	3.2824 E+04	1.2810 E+05	- 9.1616 E+03	3.1544 E+03	1.0557 E+00						
			- 1.6506 E+05	2.6259 E+04	3.2720 E+05	- 9.1616 E+03	1.3519 E+03	4.2004 E+00						
			- 1.6506 E+05	1.9694 E+04	5.2613 E+05	- 9.1616 E+03	9.0126 E+02	8.0833 E-02						
			- 1.6506 E+05	1.3129 E+04	6.5547 E+05	- 9.1616 E+03	4.5063 E+02	4.7801 E+01						
			- 1.6506 E+05	6.5647 E+03	1.3502 E+06	- 9.1616 E+03	0.0000 E+00	4.3951 E+02						
			- 1.6506 E+05	0.0000 E+00	7.9700 E+06	- 9.6929 E+03	1.8025 E+03	8.0833 E-02						

Original Instruction: T05 0138-8633 VER 00
 4426-0138-8633-01-0 - yaberster@dnv.com - Yvonne Förster
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices

F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
			- 1.7273 E+05	7.2212 E+04	2.6971 E+00	- 9.6929 E+03	9.0126 E+02	5.0000 E+00						
			- 1.7273 E+05	3.9388 E+04	1.0788 E+01	- 9.6929 E+03	4.5063 E+02	1.7152 E+02						
			- 1.7273 E+05	3.2824 E+04	7.7347 E+02	- 9.6929 E+03	0.0000 E+00	7.7813 E+01						
			- 1.7273 E+05	2.6259 E+04	5.3394 E+03	- 1.0224 E+04	2.2532 E+03	8.0833 E-02						
			- 1.7273 E+05	1.9694 E+04	1.8880 E+01	- 1.0224 E+04	9.0126 E+02	8.0833 E-02						
			- 1.7273 E+05	1.3129 E+04	1.0731 E+04	- 1.0224 E+04	4.5063 E+02	5.0000 E+00						
			- 1.7273 E+05	6.5647 E+03	1.1711 E+05	- 1.0224 E+04	0.0000 E+00	3.5684 E+02						
			- 1.7273 E+05	0.0000 E+00	1.3213 E+06	- 1.0755 E+04	1.8025 E+03	8.0833 E-02						
			- 1.8040 E+05	4.5953 E+04	2.1313 E+02	- 1.0755 E+04	0.0000 E+00	1.6370 E+01						
			- 1.8040 E+05	3.9388 E+04	5.3942 E+00	- 1.1287 E+04	0.0000 E+00	1.6667 E+02						
			- 1.8040 E+05	2.6259 E+04	2.6971 E+00	- 1.1818 E+04	4.5063 E+02	8.0833 E-02						
			- 1.8040 E+05	1.9694 E+04	1.0788 E+01	- 1.1818 E+04	0.0000 E+00	1.6972 E-01						
			- 1.8040 E+05	1.3129 E+04	5.3942 E+00	- 1.2881 E+04	0.0000 E+00	3.5000 E+00						
			- 1.8040 E+05	6.5647 E+03	8.1286 E+02									
			- 1.8040 E+05	0.0000 E+00	1.6119 E+05									
			- 1.8807 E+05	3.2824 E+04	2.6971 E+00									
			- 1.8807 E+05	1.9694 E+04	2.6971 E+00									
			- 1.8807 E+05	1.3129 E+04	8.0913 E+00									

4428-0138-8633-01-0 - Jydevej 10 - Yvonne Förster

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices

F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
			- 1.8807 E+05	6.5647 E+03	1.5344 E+03									
			- 1.8807 E+05	0.0000 E+00	9.8236 E+03									
			- 1.9574 E+05	0.0000 E+00	1.3485 E+01									
			- 2.0341 E+05	0.0000 E+00	2.6971 E+00									
			- 2.1108 E+05	0.0000 E+00	2.6971 E+00									

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



DNV Denmark A/S
Tuborg Parkvej 8, 2.
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VAT No. DK89832314

Class T05

Document: 0138-8633 VER 00	Description: Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00	Page 57/410

Table 5-3 [1] Markov Matrix

2024-07-03 09:03 UTC - y.foerster@boreas.dk
Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBSRRE



Appendix C. Markov matrices – issued from [2]

This appendix contains the Markov Matrices for the shear force, the bending moment and the torsional moment in the bottom of the tower, from ref. [2]. Foundation design must be verified for the most critical Markov matrices.

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.6174 E+03	1.1772 E+02	2.6971 E+00	1.2488 E+05	0.0000 E+00	5.3942 E+00	1.0303 E+04	8.6791 E+02	2.6971 E+00	7.1789 E+02	3.3281 E+01	1.4297 E+01	9.4142 E+04	3.5909 E+03	1.6972 E-01
1.6174 E+03	0.0000 E+00	1.4297 E+01	1.1015 E+05	0.0000 E+00	1.2394 E+01	9.7404 E+03	0.0000 E+00	2.6971 E+00	6.8461 E+02	0.0000 E+00	5.4590 E+01	9.4142 E+04	0.0000 E+00	1.6972 E-01
1.5508 E+03	5.8859 E+01	3.9834 E+02	1.0278 E+05	2.7634 E+04	2.6971 E+00	9.1774 E+03	4.3395 E+03	2.6971 E+00	6.5133 E+02	3.3281 E+01	1.4297 E+01	8.6160 E+04	0.0000 E+00	3.3139 E-01
1.5508 E+03	0.0000 E+00	1.7436 E+03	1.0278 E+05	1.3817 E+04	5.3942 E+00	9.1774 E+03	2.6037 E+03	2.6971 E+00	6.5133 E+02	0.0000 E+00	1.0557 E+00	8.2169 E+04	0.0000 E+00	5.1697 E+00
1.4842 E+03	1.1772 E+02	2.1313 E+02	1.0278 E+05	6.9084 E+03	1.1591 E+01	9.1774 E+03	4.3395 E+02	6.1971 E+00	5.8476 E+02	0.0000 E+00	6.7693 E+00	7.8178 E+04	3.5909 E+03	5.1697 E+00
1.4842 E+03	5.8859 E+01	1.5194 E+03	1.0278 E+05	0.0000 E+00	8.8942 E+00	9.1774 E+03	0.0000 E+00	3.5000 E+00	5.5148 E+02	0.0000 E+00	1.0841 E+02	7.8178 E+04	0.0000 E+00	2.4796 E+01
1.4842 E+03	0.0000 E+00	3.2281 E+03	9.5408 E+04	3.4542 E+04	2.6971 E+00	8.6144 E+03	8.6791 E+02	2.6971 E+00	5.1820 E+02	1.3312 E+02	1.0417 E+00	7.4188 E+04	7.1817 E+03	1.0417 E+00
1.4177 E+03	5.8859 E+01	1.0611 E+04	9.5408 E+04	2.7634 E+04	2.6971 E+00	8.0515 E+03	4.3395 E+02	5.3942 E+00	5.1820 E+02	6.6562 E+01	4.0307 E+00	7.4188 E+04	3.5909 E+03	5.0000 E+00
1.4177 E+03	0.0000 E+00	1.4920 E+04	9.5408 E+04	1.3817 E+04	7.0000 E+00	8.0515 E+03	0.0000 E+00	1.0557 E+00	5.1820 E+02	3.3281 E+01	1.2500 E+00	7.4188 E+04	0.0000 E+00	2.0036 E+01
1.3511 E+03	1.7658 E+02	2.6971 E+00	9.5408 E+04	6.9084 E+03	8.0913 E+00	7.4885 E+03	4.7735 E+03	3.5000 E+00	5.1820 E+02	0.0000 E+00	4.5594 E+02	7.0197 E+04	1.0773 E+04	6.4802 E-01
1.3511 E+03	1.1772 E+02	3.9834 E+02	9.5408 E+04	0.0000 E+00	1.5091 E+01	7.4885 E+03	3.4716 E+03	3.5000 E+00	4.8492 E+02	9.9843 E+01	1.6972 E-01	7.0197 E+04	7.1817 E+03	5.0000 E+00
1.3511 E+03	5.8859 E+01	1.7966 E+04	8.8039 E+04	4.8359 E+04	2.6971 E+00	7.4885 E+03	4.3395 E+02	1.6667 E+02	4.8492 E+02	3.3281 E+01	5.9010 E+01	7.0197 E+04	3.5909 E+03	1.6415 E+01
1.3511 E+03	0.0000 E+00	5.2290 E+04	8.8039 E+04	3.4542 E+04	3.5000 E+00	7.4885 E+03	0.0000 E+00	9.0493 E+02	4.8492 E+02	0.0000 E+00	1.9877 E+02	7.0197 E+04	0.0000 E+00	4.3360 E+01
1.2845 E+03	7.0631 E+02	4.0417 E-02	8.8039 E+04	2.0725 E+04	3.5000 E+00	6.9256 E+03	3.4716 E+03	2.6971 E+00	4.5164 E+02	1.9969 E+02	1.0000 E+01	6.6206 E+04	1.4363 E+04	4.0307 E+00
1.2845 E+03	2.9429 E+02	2.6971 E+00	8.8039 E+04	1.3817 E+04	6.1971 E+00	6.9256 E+03	1.3019 E+03	1.7777 E+01	4.5164 E+02	6.6562 E+01	4.1924 E+00	6.6206 E+04	1.0773 E+04	4.6787 E+00
1.2845 E+03	2.3544 E+02	5.5225 E+02	8.8039 E+04	6.9084 E+03	2.5508 E+01	6.9256 E+03	8.6791 E+02	3.5000 E+00	4.5164 E+02	3.3281 E+01	4.5359 E+01	6.6206 E+04	7.1817 E+03	6.4802 E-01
1.2845 E+03	1.7658 E+02	2.6437 E+03	8.8039 E+04	0.0000 E+00	1.7947 E+01	6.9256 E+03	4.3395 E+02	3.9975 E+02	4.5164 E+02	0.0000 E+00	6.7923 E+02	6.6206 E+04	3.5909 E+03	3.1728 E+01
1.2845 E+03	1.1772 E+02	5.5438 E+03	8.0671 E+04	5.5267 E+04	3.5000 E+00	6.9256 E+03	0.0000 E+00	4.7403 E+03	4.1836 E+02	2.6625 E+02	1.2500 E+00	6.6206 E+04	0.0000 E+00	3.1091 E+02
1.2845 E+03	5.8859 E+01	7.8122 E+04	8.0671 E+04	3.4542 E+04	1.3917 E+01	6.3626 E+03	6.9433 E+03	3.5000 E+00	4.1836 E+02	1.9969 E+02	5.0808 E+00	6.2215 E+04	1.4363 E+04	8.0858 E+00
1.2845 E+03	0.0000 E+00	2.0394 E+05	8.0671 E+04	2.7634 E+04	9.6971 E+00	6.3626 E+03	3.0377 E+03	1.7043 E+01	4.1836 E+02	9.9843 E+01	1.6684 E+02	6.2215 E+04	1.0773 E+04	1.0557 E+00
1.2180 E+03	6.4745 E+02	1.9917 E+02	8.0671 E+04	2.0725 E+04	1.2394 E+01	6.3626 E+03	1.7358 E+03	2.6971 E+00	4.1836 E+02	6.6562 E+01	1.1395 E+01	6.2215 E+04	7.1817 E+03	6.4802 E-01
1.2180 E+03	2.9429 E+02	5.4955 E+02	8.0671 E+04	1.3817 E+04	8.0913 E+00	6.3626 E+03	1.3019 E+03	3.5000 E+00	4.1836 E+02	3.3281 E+01	5.9836 E+02	6.2215 E+04	3.5909 E+03	2.4472 E+01
1.2180 E+03	2.3544 E+02	7.9676 E+02	8.0671 E+04	6.9084 E+03	1.8672 E+01	6.3626 E+03	4.3395 E+02	1.3384 E+01	4.1836 E+02	0.0000 E+00	1.7251 E+03	6.2215 E+04	0.0000 E+00	4.7123 E+02
1.2180 E+03	1.7658 E+02	1.2955 E+04	8.0671 E+04	0.0000 E+00	3.5658 E+01	6.3626 E+03	0.0000 E+00	4.1237 E+03	3.8508 E+02	3.3281 E+02	5.0000 E+00	5.8224 E+04	4.3090 E+04	3.2401 E-01



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.2180	1.1772	2.8873	7.3302	8.2901	2.6971	5.7996	6.0753	3.5000	3.8508	2.3297	5.0000	5.8224	3.9499	4.0307
E+03	E+02	E+04	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E+00
1.2180	5.8859	2.3048	7.3302	4.8359	3.5000	5.7996	4.3395	7.0000	3.8508	1.9969	6.2500	5.8224	2.8727	1.4107
E+03	E+01	E+05	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E+01
1.2180	0.0000	5.5613	7.3302	3.4542	7.0000	5.7996	3.4716	3.5000	3.8508	1.3312	2.0154	5.8224	2.5136	4.7142
E+03	E+00	E+05	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E+00
1.1514	6.4745	3.3221	7.3302	2.7634	6.1971	5.7996	2.1698	6.2346	3.8508	9.9843	2.4850	5.8224	2.1545	1.6732
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+01	E+00	E+04	E+04	E+02
1.1514	4.1201	5.6270	7.3302	2.0725	1.8591	5.7996	1.3019	5.5193	3.8508	6.6562	9.7296	5.8224	1.7954	6.1907
E+03	E+02	E+02	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+01	E+01	E+04	E+04	E+00
1.1514	3.5315	2.1313	7.3302	1.3817	2.5591	5.7996	8.6791	7.4775	3.8508	3.3281	6.4367	5.8224	1.4363	7.4381
E+03	E+02	E+02	E+04	E+04	E+01	E+03	E+02	E+01	E+02	E+01	E+02	E+04	E+04	E+00
1.1514	2.9429	1.3705	7.3302	6.9084	3.0183	5.7996	4.3395	4.0865	3.8508	0.0000	1.3153	5.8224	1.0773	1.1337
E+03	E+02	E+03	E+04	E+03	E+01	E+03	E+02	E+03	E+02	E+00	E+04	E+04	E+04	E+01
1.1514	2.3544	3.6365	7.3302	0.0000	5.7105	5.7996	0.0000	1.2211	3.5180	2.6625	6.7220	5.8224	7.1817	4.3343
E+03	E+02	E+03	E+04	E+00	E+01	E+03	E+00	E+04	E+02	E+02	E-01	E+04	E+03	E+01
1.1514	1.7658	3.8939	6.5933	1.5198	1.7500	5.2367	1.4320	1.7500	3.5180	1.9969	1.5000	5.8224	3.5909	4.9023
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+03	E+01
1.1514	1.1772	1.7268	6.5933	6.9084	3.5000	5.2367	1.0415	1.4297	3.5180	1.6640	3.5172	5.8224	0.0000	6.0560
E+03	E+02	E+05	E+04	E+04	E+00	E+03	E+04	E+01	E+02	E+02	E-01	E+04	E+00	E+02
1.1514	5.8859	8.0496	6.5933	5.5267	7.4471	5.2367	6.9433	8.0833	3.5180	1.3312	1.5676	5.4233	5.3863	1.6972
E+03	E+01	E+05	E+04	E+04	E+00	E+03	E+03	E-02	E+02	E+02	E+01	E+04	E+04	E-01
1.1514	0.0000	1.5351	6.5933	4.8359	2.6971	5.2367	5.6414	5.3942	3.5180	9.9843	5.2207	5.4233	2.5136	4.0307
E+03	E+00	E+06	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+01	E+01	E+04	E+04	E+00
1.0848	8.2402	4.0104	6.5933	4.1450	3.5000	5.2367	4.7735	1.8293	3.5180	6.6562	4.0025	5.4233	2.1545	4.0307
E+03	E+02	E+02	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+01	E+02	E+04	E+04	E+00
1.0848	7.0631	2.6971	6.5933	3.4542	8.8942	5.2367	4.3395	1.8293	3.5180	3.3281	3.4381	5.4233	1.7954	6.9468
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+01	E+03	E+04	E+04	E+00
1.0848	6.4745	2.6971	6.5933	2.7634	2.6971	5.2367	3.9056	1.7124	3.5180	0.0000	1.9462	5.4233	1.4363	3.3238
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+00	E+04	E+04	E+04	E+00
1.0848	5.8859	5.3942	6.5933	2.0725	1.5091	5.2367	3.4716	1.4297	3.1852	5.3249	5.0000	5.4233	1.0773	7.8458
E+03	E+02	E+00	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+00
1.0848	4.7087	7.9056	6.5933	1.3817	1.4000	5.2367	2.6037	2.2881	3.1852	4.3265	5.0000	5.4233	7.1817	2.2642
E+03	E+02	E+00	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+03	E+02
1.0848	4.1201	3.6787	6.5933	6.9084	4.1890	5.2367	2.1698	5.7492	3.1852	3.9937	3.8240	5.4233	3.5909	1.3631
E+03	E+02	E+03	E+04	E+03	E+01	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+03	E+02
1.0848	3.5315	1.1409	6.5933	0.0000	1.2736	5.2367	1.7358	1.0367	3.1852	3.3281	2.4184	5.4233	0.0000	1.6461
E+03	E+02	E+03	E+04	E+00	E+02	E+03	E+03	E+01	E+02	E+02	E-02	E+04	E+00	E+03
1.0848	2.9429	2.1575	5.8564	1.4508	1.3485	5.2367	1.3019	2.3057	3.1852	2.9953	1.8980	5.0242	4.6681	1.1580
E+03	E+02	E+03	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E+00
1.0848	2.3544	1.8723	5.8564	1.3817	1.7500	5.2367	8.6791	5.0787	3.1852	2.6625	2.3422	5.0242	4.3090	4.0307
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+02	E+02	E+02	E+02	E+01	E+04	E+04	E+00
1.0848	1.7658	1.5559	5.8564	1.3126	1.3485	5.2367	4.3395	4.3327	3.1852	2.3297	5.8216	5.0242	3.2318	5.9896
E+03	E+02	E+05	E+04	E+05	E+00	E+03	E+02	E+03	E+02	E+02	E+00	E+04	E+04	E+01
1.0848	1.1772	6.1371	5.8564	9.6717	2.6971	5.2367	0.0000	3.9304	3.1852	1.6640	1.5685	5.0242	2.8727	3.3660
E+03	E+02	E+05	E+04	E+04	E+00	E+03	E+00	E+04	E+02	E+02	E+01	E+04	E+04	E+02
1.0848	5.8859	2.3066	5.8564	8.9809	3.5000	4.6737	8.6791	5.4760	3.1852	1.3312	5.0665	5.0242	2.5136	1.6001
E+03	E+01	E+06	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+01
1.0848	0.0000	3.7937	5.8564	8.2901	2.6971	4.6737	7.3772	1.0557	3.1852	9.9843	1.0908	5.0242	2.1545	3.8330
E+03	E+00	E+06	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+01	E+02	E+04	E+04	E+00
1.0183	1.3538	5.2085	5.8564	6.9084	7.0000	4.6737	6.5093	2.0517	3.1852	6.6562	7.4007	5.0242	1.7954	3.6201
E+03	E+03	E+00	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+01	E+02	E+04	E+04	E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.0183	1.1772	6.2500	5.8564	6.2175	1.2500	4.6737	5.6414	8.8558	3.1852	3.3281	9.6060	5.0242	1.4363	2.4589
E+03	E+03	E-01	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+01	E+03	E+04	E+04	E+02
1.0183	1.1183	1.5209	5.8564	5.5267	6.1971	4.6737	5.2074	5.9649	3.1852	0.0000	3.7444	5.0242	1.0773	9.3993
E+03	E+03	E+03	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+00	E+04	E+04	E+04	E+01
1.0183	1.0595	3.9834	5.8564	4.8359	3.5000	4.6737	4.7735	8.8237	2.8524	5.9906	4.0307	5.0242	7.1817	1.1070
E+03	E+03	E+02	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+03	E+02
1.0183	1.0006	2.6971	5.8564	4.1450	2.0644	4.6737	4.3395	2.7492	2.8524	5.3249	3.5000	5.0242	3.5909	3.4317
E+03	E+03	E+00	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+03	E+02
1.0183	9.4174	5.3942	5.8564	3.4542	1.6697	4.6737	3.9056	6.7613	2.8524	3.9937	1.6972	5.0242	0.0000	3.0167
E+03	E+02	E+00	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+00	E+03
1.0183	8.2402	8.7677	5.8564	2.7634	2.9091	4.6737	3.4716	7.9143	2.8524	3.6609	1.8388	4.6251	7.5408	1.3523
E+03	E+02	E+03	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+00
1.0183	7.6516	5.2136	5.8564	2.0725	1.5894	4.6737	3.0377	1.8761	2.8524	3.3281	8.1774	4.6251	5.0272	8.4943
E+03	E+02	E+03	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+04	E+00
1.0183	7.0631	3.1042	5.8564	1.3817	2.5591	4.6737	2.6037	8.2292	2.8524	2.9953	1.8138	4.6251	4.6681	1.7218
E+03	E+02	E+03	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E+01
1.0183	6.4745	2.0818	5.8564	6.9084	4.6365	4.6737	2.1698	9.0209	2.8524	2.6625	8.8151	4.6251	4.3090	3.1340
E+03	E+02	E+04	E+04	E+03	E+01	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+01
1.0183	5.8859	3.2144	5.8564	0.0000	1.2833	4.6737	1.7358	9.0632	2.8524	2.3297	6.4577	4.6251	3.9499	5.5193
E+03	E+02	E+03	E+04	E+00	E+02	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+00
1.0183	5.2973	4.3612	5.1195	1.5889	1.3485	4.6737	1.3019	2.2383	2.8524	1.9969	3.5498	4.6251	3.5909	3.9644
E+03	E+02	E+03	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+01
1.0183	4.7087	1.3974	5.1195	1.5198	1.7500	4.6737	8.6791	8.4863	2.8524	1.6640	5.6809	4.6251	3.2318	2.2811
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+02	E+03	E+02	E+02	E+01	E+04	E+04	E+00
1.0183	4.1201	1.9195	5.1195	1.3817	1.3485	4.6737	4.3395	4.2539	2.8524	1.3312	2.2819	4.6251	2.8727	2.2031
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+02	E+04	E+02	E+02	E+02	E+04	E+04	E+01
1.0183	3.5315	2.5622	5.1195	1.3126	1.3485	4.6737	0.0000	2.1886	2.8524	9.9843	6.2409	4.6251	2.5136	4.0811
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+00	E+05	E+02	E+01	E+02	E+04	E+04	E+01
1.0183	2.9429	4.8934	5.1195	1.2435	4.0457	4.1107	1.0415	1.0083	2.8524	6.6562	1.3518	4.6251	2.1545	2.0027
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+04	E+02	E+02	E+01	E+03	E+04	E+04	E+02
1.0183	2.3544	1.5403	5.1195	9.6717	3.5000	4.1107	9.9809	4.4636	2.8524	3.3281	2.0050	4.6251	1.7954	3.3243
E+03	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+01	E+04	E+04	E+04	E+02
1.0183	1.7658	5.7289	5.1195	7.5992	2.6971	4.1107	9.1130	1.4337	2.8524	0.0000	8.7040	4.6251	1.4363	4.0422
E+03	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+00	E+04	E+04	E+04	E+02
1.0183	1.1772	1.8542	5.1195	6.9084	9.6971	4.1107	8.6791	9.9078	2.5196	8.3202	1.6972	4.6251	1.0773	1.0414
E+03	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+04	E+02
1.0183	5.8859	6.2075	5.1195	6.2175	3.5000	4.1107	8.2451	1.7043	2.5196	6.3234	1.3504	4.6251	7.1817	4.1604
E+03	E+01	E+06	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+03	E+02
1.0183	0.0000	9.0002	5.1195	5.5267	1.7500	4.1107	7.8112	8.8104	2.5196	5.6577	8.1774	4.6251	3.5909	1.3897
E+03	E+00	E+06	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E-01	E+04	E+03	E+03
9.5171	1.6480	1.3192	5.1195	4.8359	1.2394	4.1107	7.3772	9.8234	2.5196	4.9921	1.6972	4.6251	0.0000	4.0332
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E-01	E+04	E+00	E+03
9.5171	1.5303	2.7612	5.1195	4.1450	2.6394	4.1107	6.9433	1.8641	2.5196	4.3265	2.8126	4.2260	8.6181	1.0226
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E-01
9.5171	1.4715	3.1475	5.1195	3.4542	2.1447	4.1107	6.5093	9.3778	2.5196	3.9937	9.8839	4.2260	7.1817	1.1365
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+00
9.5171	1.4126	3.2149	5.1195	2.7634	4.0394	4.1107	6.0753	2.5842	2.5196	3.6609	4.4102	4.2260	6.8226	4.0307
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+00
9.5171	1.3538	3.2543	5.1195	2.0725	3.1144	4.1107	5.6414	2.6468	2.5196	3.3281	1.9885	4.2260	6.4636	4.4636
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E+00
9.5171	1.2949	4.4378	5.1195	1.3817	5.5486	4.1107	5.2074	1.1461	2.5196	2.9953	2.5121	4.2260	5.7454	3.6556
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+04	E+01

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
9.5171	1.2360	5.7716	5.1195	6.9084	7.0666	4.1107	4.7735	6.5038	2.5196	2.6625	2.6835	4.2260	5.0272	1.8210
E+02	E+03	E+03	E+04	E+03	E+01	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+02
9.5171	1.1772	1.2857	5.1195	0.0000	1.3606	4.1107	4.3395	3.5768	2.5196	2.3297	4.7369	4.2260	4.3090	1.2057
E+02	E+03	E+04	E+04	E+00	E+02	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+04	E+02
9.5171	1.1183	4.0069	4.3826	1.6580	1.7500	4.1107	3.9056	4.6597	2.5196	1.9969	2.0023	4.2260	3.9499	2.3314
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
9.5171	1.0595	1.7448	4.3826	1.5198	1.3485	4.1107	3.4716	6.4342	2.5196	1.6640	2.8517	4.2260	3.5909	1.3231
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+02
9.5171	1.0006	2.6407	4.3826	1.4508	2.6971	4.1107	3.0377	1.9327	2.5196	1.3312	6.0114	4.2260	3.2318	7.0305
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+01
9.5171	9.4174	3.9078	4.3826	1.3817	4.4471	4.1107	2.6037	6.2347	2.5196	9.9843	1.4704	4.2260	2.8727	3.7232
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+01	E+03	E+04	E+04	E+02
9.5171	8.8288	3.8168	4.3826	1.3126	7.9471	4.1107	2.1698	4.1828	2.5196	6.6562	9.8429	4.2260	2.5136	1.3524
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+01	E+03	E+04	E+04	E+02
9.5171	8.2402	8.8657	4.3826	1.2435	7.0000	4.1107	1.7358	2.6435	2.5196	3.3281	7.2171	4.2260	2.1545	5.3120
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+01	E+04	E+04	E+04	E+02
9.5171	7.6516	1.5274	4.3826	1.1053	1.7500	4.1107	1.3019	1.2083	2.5196	0.0000	2.6987	4.2260	1.7954	2.4478
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+00	E+05	E+04	E+04	E+02
9.5171	7.0631	2.5766	4.3826	1.0363	3.5000	4.1107	8.6791	5.0177	2.1867	7.6546	1.0226	4.2260	1.4363	8.1299
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+02	E+04	E+02	E+02	E-01	E+04	E+04	E+02
9.5171	6.4745	2.7227	4.3826	9.6717	3.5000	4.1107	4.3395	1.6216	2.1867	6.9890	2.1114	4.2260	1.0773	8.1046
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+02	E+05	E+02	E+02	E+00	E+04	E+04	E+02
9.5171	5.8859	3.1965	4.3826	8.9809	5.3942	4.1107	0.0000	4.6906	2.1867	6.6562	4.0307	4.2260	7.1817	1.2341
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+00	E+05	E+02	E+02	E+00	E+04	E+03	E+03
9.5171	5.2973	4.3344	4.3826	8.2901	6.1971	3.5478	1.6490	1.3485	2.1867	6.3234	8.0614	4.2260	3.5909	2.6618
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+04	E+00	E+02	E+02	E+00	E+04	E+03	E+03
9.5171	4.7087	4.4364	4.3826	7.5992	1.0500	3.5478	1.2151	6.2500	2.1867	5.9906	1.4755	4.2260	0.0000	2.4925
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+04	E-01	E+02	E+02	E+01	E+04	E+00	E+04
9.5171	4.1201	7.1582	4.3826	6.9084	1.7500	3.5478	1.0415	8.5215	2.1867	5.6577	7.4381	3.8270	7.5408	3.8550
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+00	E+04	E+04	E+01
9.5171	3.5315	6.9981	4.3826	6.2175	1.6697	3.5478	9.5470	2.2318	2.1867	5.3249	1.9058	3.8270	7.1817	4.4636
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+02	E+02	E+04	E+04	E+00
9.5171	2.9429	8.2845	4.3826	5.5267	2.2538	3.5478	9.1130	1.0557	2.1867	4.9921	1.2038	3.8270	6.8226	8.9272
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+02	E+01	E+04	E+04	E+00
9.5171	2.3544	1.0395	4.3826	4.8359	3.4644	3.5478	8.6791	3.2925	2.1867	4.6593	3.4771	3.8270	6.4636	1.0226
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E-01
9.5171	1.7658	2.0172	4.3826	4.1450	3.7765	3.5478	8.2451	1.2593	2.1867	4.3265	1.7621	3.8270	6.1045	8.7916
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+00
9.5171	1.1772	5.2864	4.3826	3.4542	5.5561	3.5478	7.8112	1.0256	2.1867	3.9937	3.8657	3.8270	5.7454	7.8973
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+01
9.5171	5.8859	1.2786	4.3826	2.7634	3.2672	3.5478	7.3772	1.0849	2.1867	3.6609	2.0614	3.8270	5.3863	2.2572
E+02	E+01	E+07	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
9.5171	0.0000	1.6156	4.3826	2.0725	2.0288	3.5478	6.9433	9.2402	2.1867	3.3281	3.6864	3.8270	5.0272	2.0920
E+02	E+00	E+07	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+02
8.8514	2.1778	5.6000	4.3826	1.3817	1.1665	3.5478	6.5093	7.1017	2.1867	2.9953	3.1307	3.8270	4.6681	2.8126
E+02	E+03	E+02	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
8.8514	1.8246	5.6000	4.3826	6.9084	1.7850	3.5478	6.0753	4.6884	2.1867	2.6625	2.9056	3.8270	4.3090	1.3573
E+02	E+03	E+02	E+04	E+03	E+03	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
8.8514	1.7658	7.5917	4.3826	0.0000	3.6298	3.5478	5.6414	8.0890	2.1867	2.3297	4.7652	3.8270	3.9499	3.3905
E+02	E+03	E+02	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+02
8.8514	1.7069	2.3479	3.6458	1.7271	1.7500	3.5478	5.2074	1.8980	2.1867	1.9969	3.8759	3.8270	3.5909	1.8935
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.8514	1.6480	1.3410	3.6458	1.4508	1.0500	3.5478	4.7735	2.0363	2.1867	1.6640	1.0772	3.8270	3.2318	3.7902
E+02	E+03	E+03	E+04	E+05	E+01	E+03	E+03	E+03	E+02	E+02	E+03	E+04	E+04	E+02
8.8514	1.5892	2.3776	3.6458	1.3817	8.7500	3.5478	4.3395	3.2689	2.1867	1.3312	1.3463	3.8270	2.8727	6.3450
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+03	E+04	E+04	E+02
8.8514	1.5303	3.8518	3.6458	1.3126	3.0985	3.5478	3.9056	1.9064	2.1867	9.9843	2.5377	3.8270	2.5136	9.1515
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+01	E+03	E+04	E+04	E+02
8.8514	1.4715	5.2449	3.6458	1.2435	3.5000	3.5478	3.4716	3.0543	2.1867	6.6562	2.4488	3.8270	2.1545	6.3834
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+01	E+04	E+04	E+04	E+02
8.8514	1.4126	1.0330	3.6458	1.1744	1.0099	3.5478	3.0377	2.7552	2.1867	3.3281	2.4814	3.8270	1.7954	1.5765
E+02	E+03	E+04	E+04	E+05	E+01	E+03	E+03	E+04	E+02	E+01	E+05	E+04	E+04	E+03
8.8514	1.3538	1.3165	3.6458	1.1053	8.3485	3.5478	2.6037	2.6360	2.1867	0.0000	6.9714	3.8270	1.4363	2.2321
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+00	E+05	E+04	E+04	E+03
8.8514	1.2949	2.5202	3.6458	1.0363	9.2956	3.5478	2.1698	3.5150	1.8539	1.2647	8.4860	3.8270	1.0773	4.4213
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+03	E-02	E+04	E+04	E+03
8.8514	1.2360	3.9956	3.6458	9.6717	2.0736	3.5478	1.7358	7.2688	1.8539	9.9843	8.0833	3.8270	7.1817	5.5657
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E-02	E+04	E+03	E+03
8.8514	1.1772	6.6477	3.6458	8.9809	5.7956	3.5478	1.3019	8.5012	1.8539	9.6514	4.6557	3.8270	3.5909	7.8479
E+02	E+03	E+04	E+04	E+04	E+00	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+03	E+03
8.8514	1.1183	1.2196	3.6458	8.2901	2.1447	3.5478	8.6791	1.7526	1.8539	8.9858	1.3797	3.8270	0.0000	9.3440
E+02	E+03	E+05	E+04	E+04	E+01	E+03	E+02	E+05	E+02	E+02	E+00	E+04	E+00	E+04
8.8514	1.0595	1.2997	3.6458	7.5992	1.2394	3.5478	4.3395	4.9438	1.8539	8.3202	1.2363	3.4279	1.2927	8.4860
E+02	E+03	E+05	E+04	E+04	E+01	E+03	E+02	E+05	E+02	E+02	E+00	E+04	E+05	E-02
8.8514	1.0006	1.8941	3.6458	6.9084	1.7500	3.5478	0.0000	1.0778	1.8539	7.9874	4.4636	3.4279	1.0773	5.2785
E+02	E+03	E+05	E+04	E+04	E+01	E+03	E+00	E+06	E+02	E+02	E+00	E+04	E+05	E-01
8.8514	9.4174	3.7646	3.6458	6.2175	3.4905	2.9848	1.8226	1.7500	1.8539	7.6546	2.2681	3.4279	1.0054	6.4802
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+00	E+04	E+05	E-01
8.8514	8.8288	5.7761	3.6458	5.5267	2.2091	2.9848	1.7358	1.3485	1.8539	7.3218	1.9816	3.4279	8.6181	1.4197
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+04	E+00
8.8514	8.2402	9.1770	3.6458	4.8359	9.1052	2.9848	1.4754	2.2318	1.8539	6.9890	1.6697	3.4279	8.2590	5.2785
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+04	E-01
8.8514	7.6516	1.2199	3.6458	4.1450	6.3722	2.9848	1.3019	1.7500	1.8539	6.6562	1.1134	3.4279	7.8999	9.0295
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+04	E+00
8.8514	7.0631	1.6255	3.6458	3.4542	8.5354	2.9848	1.1717	6.2500	1.8539	6.3234	6.5365	3.4279	7.5408	1.6972
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E-01	E+02	E+02	E+01	E+04	E+04	E-01
8.8514	6.4745	2.3550	3.6458	2.7634	1.0495	2.9848	1.1283	2.1014	1.8539	5.9906	5.2737	3.4279	7.1817	2.3704
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+04	E-01	E+02	E+02	E+01	E+04	E+04	E+00
8.8514	5.8859	2.9164	3.6458	2.0725	2.9392	2.9848	1.0849	1.7043	1.8539	5.6577	2.8642	3.4279	6.8226	2.1949
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+04	E+01
8.8514	5.2973	3.6398	3.6458	1.3817	2.0863	2.9848	1.0415	3.5808	1.8539	5.3249	3.4903	3.4279	6.4636	1.3621
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+04	E+02
8.8514	4.7087	4.8422	3.6458	6.9084	4.2433	2.9848	9.9809	3.1510	1.8539	4.9921	1.1262	3.4279	6.1045	6.2070
E+02	E+02	E+06	E+04	E+03	E+02	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E+00
8.8514	4.1201	5.2302	3.6458	0.0000	1.0908	2.9848	9.5470	6.2626	1.8539	4.6593	1.6658	3.4279	5.7454	8.2705
E+02	E+02	E+06	E+04	E+00	E+04	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+01
8.8514	3.5315	5.1905	2.9089	1.5198	3.0000	2.9848	9.1130	1.3068	1.8539	4.3265	2.2128	3.4279	5.3863	2.8034
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+02
8.8514	2.9429	5.0626	2.9089	1.4508	4.8485	2.9848	8.6791	8.9716	1.8539	3.9937	1.9352	3.4279	5.0272	5.6982
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E+01
8.8514	2.3544	4.7881	2.9089	1.3817	3.0985	2.9848	8.2451	8.3689	1.8539	3.6609	5.9865	3.4279	4.6681	3.4774
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E+02
8.8514	1.7658	6.2393	2.9089	1.3126	8.9735	2.9848	7.8112	1.9357	1.8539	3.3281	4.8642	3.4279	4.3090	4.6817
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.8514	1.1772	1.1136	2.9089	1.2435	5.8750	2.9848	7.3772	3.3074	1.8539	2.9953	7.0682	3.4279	3.9499	7.1706
E+02	E+02	E+07	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
8.8514	5.8859	2.2590	2.9089	1.1744	7.9471	2.9848	6.9433	5.7629	1.8539	2.6625	3.0026	3.4279	3.5909	8.2732
E+02	E+01	E+07	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
8.8514	0.0000	2.3327	2.9089	1.1053	5.7956	2.9848	6.5093	8.7438	1.8539	2.3297	8.0161	3.4279	3.2318	1.4118
E+02	E+00	E+07	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+03
8.1858	1.9423	1.5183	2.9089	1.0363	6.5985	2.9848	6.0753	1.0070	1.8539	1.9969	2.2999	3.4279	2.8727	3.7821
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+03
8.1858	1.8835	1.2331	2.9089	9.6717	9.2956	2.9848	5.6414	2.0828	1.8539	1.6640	2.5646	3.4279	2.5136	4.3336
E+02	E+03	E+03	E+04	E+04	E+00	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+03
8.1858	1.8246	1.9766	2.9089	8.9809	3.9255	2.9848	5.2074	3.3184	1.8539	1.3312	2.8727	3.4279	2.1545	5.2262
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+03
8.1858	1.7658	3.0980	2.9089	8.2901	7.9935	2.9848	4.7735	3.6151	1.8539	9.9843	1.5188	3.4279	1.7954	3.7386
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+01	E+04	E+04	E+04	E+03
8.1858	1.7069	5.4421	2.9089	7.5992	1.0500	2.9848	4.3395	7.9657	1.8539	6.6562	8.8087	3.4279	1.4363	8.8591
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+01	E+04	E+04	E+04	E+03
8.1858	1.6480	7.7308	2.9089	6.9084	2.7592	2.9848	3.9056	6.3578	1.8539	3.3281	7.3489	3.4279	1.0773	7.1441
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+01	E+05	E+04	E+04	E+03
8.1858	1.5892	1.0419	2.9089	6.2175	3.5447	2.9848	3.4716	6.5877	1.8539	0.0000	2.1421	3.4279	7.1817	1.2492
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+00	E+06	E+04	E+03	E+04
8.1858	1.5303	1.9696	2.9089	5.5267	5.8328	2.9848	3.0377	1.2036	1.5211	1.4311	6.7613	3.4279	3.5909	1.7551
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+03	E+04
8.1858	1.4715	3.6824	2.9089	4.8359	6.6457	2.9848	2.6037	1.3318	1.5211	1.2980	3.4818	3.4279	0.0000	2.9651
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+00	E+05
8.1858	1.4126	3.1041	2.9089	4.1450	9.5018	2.9848	2.1698	1.3590	1.5211	1.2314	2.3341	3.0288	1.5441	6.7613
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+05	E-01
8.1858	1.3538	5.9485	2.9089	3.4542	2.0844	2.9848	1.7358	1.3165	1.5211	1.1981	2.6023	3.0288	1.4363	5.2785
E+02	E+03	E+04	E+04	E+04	E+02	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+05	E-01
8.1858	1.2949	9.3530	2.9089	2.7634	1.7804	2.9848	1.3019	1.9700	1.5211	1.1648	5.2785	3.0288	1.3286	5.2785
E+02	E+03	E+04	E+04	E+04	E+02	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+05	E-01
8.1858	1.2360	1.4570	2.9089	2.0725	3.8233	2.9848	8.6791	3.5200	1.5211	1.1315	2.4007	3.0288	1.2927	2.0154
E+02	E+03	E+05	E+04	E+04	E+03	E+03	E+02	E+05	E+02	E+03	E+01	E+04	E+05	E+00
8.1858	1.1772	1.4542	2.9089	1.3817	7.3898	2.9848	4.3395	1.1095	1.5211	1.0983	1.6972	3.0288	1.2568	8.5215
E+02	E+03	E+05	E+04	E+04	E+03	E+03	E+02	E+06	E+02	E+03	E-01	E+04	E+05	E+00
8.1858	1.1183	2.8608	2.9089	6.9084	3.1317	2.9848	0.0000	2.3925	1.5211	1.0650	6.8575	3.0288	1.1850	2.7823
E+02	E+03	E+05	E+04	E+03	E+04	E+03	E+00	E+06	E+02	E+03	E+00	E+04	E+05	E+01
8.1858	1.0595	3.9653	2.9089	0.0000	4.0203	2.4218	2.0396	7.1485	1.5211	9.9843	2.4050	3.0288	1.0773	7.0535
E+02	E+03	E+05	E+04	E+00	E+04	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+05	E+00
8.1858	1.0006	5.8598	2.1720	1.5198	1.9735	2.4218	1.8226	2.7295	1.5211	9.6514	9.2837	3.0288	1.0414	2.1757
E+02	E+03	E+05	E+04	E+05	E+00	E+03	E+04	E+01	E+02	E+02	E+00	E+04	E+05	E+00
8.1858	9.4174	7.3099	2.1720	1.4508	6.2500	2.4218	1.5622	4.0417	1.5211	9.3186	6.0354	3.0288	1.0054	9.7450
E+02	E+02	E+05	E+04	E+05	E-01	E+03	E+04	E-02	E+02	E+02	E+00	E+04	E+05	E+00
8.1858	8.8288	1.0751	2.1720	1.3817	1.7904	2.4218	1.4320	8.0833	1.5211	8.9858	2.7341	3.0288	9.6953	2.1212
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+04	E-02	E+02	E+02	E+01	E+04	E+04	E+01
8.1858	8.2402	1.6425	2.1720	1.3126	2.6971	2.4218	1.3453	1.7500	1.5211	8.6530	9.2999	3.0288	9.3362	1.5677
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+04	E+00	E+02	E+02	E+00	E+04	E+04	E+01
8.1858	7.6516	2.0478	2.1720	1.2435	6.2500	2.4218	1.3019	1.6377	1.5211	8.3202	3.2875	3.0288	8.9772	3.9092
E+02	E+02	E+06	E+04	E+05	E-01	E+03	E+04	E-01	E+02	E+02	E+00	E+04	E+04	E+01
8.1858	7.0631	2.6710	2.1720	1.1744	1.4144	2.4218	1.1283	2.7924	1.5211	7.9874	1.6033	3.0288	8.6181	4.7189
E+02	E+02	E+06	E+04	E+05	E+01	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+04	E+00
8.1858	6.4745	3.4800	2.1720	1.0363	1.0000	2.4218	1.0849	2.3240	1.5211	7.6546	2.4845	3.0288	8.2590	1.0767
E+02	E+02	E+06	E+04	E+05	E+01	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+04	E+01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBSRRE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.1858	5.8859	4.2312	2.1720	9.6717	8.0913	2.4218	1.0415	2.9162	1.5211	7.3218	2.5660	3.0288	7.8999	1.9367
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+04	E+02
8.1858	5.2973	5.3426	2.1720	8.9809	7.6250	2.4218	9.9809	2.3958	1.5211	6.9890	3.4803	3.0288	7.5408	6.2711
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+01
8.1858	4.7087	6.3141	2.1720	8.2901	1.6313	2.4218	9.5470	1.4549	1.5211	6.6562	2.2188	3.0288	7.1817	5.5296
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+01
8.1858	4.1201	6.9809	2.1720	7.5992	1.6697	2.4218	9.1130	1.6574	1.5211	6.3234	3.5990	3.0288	6.8226	7.7903
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+01
8.1858	3.5315	7.0476	2.1720	6.9084	8.5738	2.4218	8.6791	4.8987	1.5211	5.9906	4.3857	3.0288	6.4636	2.9657
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+02
8.1858	2.9429	6.7220	2.1720	6.2175	1.2300	2.4218	8.2451	2.3747	1.5211	5.6577	2.2117	3.0288	6.1045	2.8519
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
8.1858	2.3544	6.3188	2.1720	5.5267	1.4427	2.4218	7.8112	3.1876	1.5211	5.3249	6.5193	3.0288	5.7454	2.0960
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
8.1858	1.7658	7.6865	2.1720	4.8359	3.4931	2.4218	7.3772	1.4673	1.5211	4.9921	1.2009	3.0288	5.3863	3.2896
E+02	E+02	E+06	E+04	E+04	E+03	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02
8.1858	1.1772	1.3398	2.1720	4.1450	1.8442	2.4218	6.9433	1.9891	1.5211	4.6593	9.4493	3.0288	5.0272	4.0466
E+02	E+02	E+07	E+04	E+04	E+03	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+02
8.1858	5.8859	2.8013	2.1720	3.4542	2.2464	2.4218	6.5093	2.4941	1.5211	4.3265	1.0440	3.0288	4.6681	6.7044
E+02	E+01	E+07	E+04	E+04	E+02	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02
8.1858	0.0000	2.9474	2.1720	2.7634	1.0052	2.4218	6.0753	4.0786	1.5211	3.9937	3.3169	3.0288	4.3090	2.4350
E+02	E+00	E+07	E+04	E+04	E+03	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+03
7.5201	2.3544	5.6000	2.1720	2.0725	4.8073	2.4218	5.6414	7.5730	1.5211	3.6609	1.6596	3.0288	3.9499	1.9028
E+02	E+03	E+02	E+04	E+04	E+03	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+03
7.5201	2.2366	5.6000	2.1720	1.3817	1.3703	2.4218	5.2074	1.1449	1.5211	3.3281	1.6903	3.0288	3.5909	3.1311
E+02	E+03	E+02	E+04	E+04	E+04	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+03
7.5201	2.1778	5.6000	2.1720	6.9084	3.8598	2.4218	4.7735	1.3086	1.5211	2.9953	3.1165	3.0288	3.2318	3.9636
E+02	E+03	E+02	E+04	E+03	E+04	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+03
7.5201	2.0601	6.6791	2.1720	0.0000	1.9009	2.4218	4.3395	1.7356	1.5211	2.6625	4.2112	3.0288	2.8727	7.0150
E+02	E+03	E+02	E+04	E+00	E+05	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+03
7.5201	2.0012	1.6566	1.4351	1.5889	1.2500	2.4218	3.9056	2.4886	1.5211	2.3297	5.5200	3.0288	2.5136	1.6227
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+04
7.5201	1.9423	1.5013	1.4351	1.3126	3.2235	2.4218	3.4716	2.6850	1.5211	1.9969	6.1547	3.0288	2.1545	1.8036
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+04
7.5201	1.8835	2.9910	1.4351	1.2435	7.1250	2.4218	3.0377	3.7450	1.5211	1.6640	8.4516	3.0288	1.7954	2.2346
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+04
7.5201	1.8246	5.1174	1.4351	1.1744	4.7500	2.4218	2.6037	4.3892	1.5211	1.3312	1.3783	3.0288	1.4363	2.7986
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+04	E+04	E+04	E+04
7.5201	1.7658	2.7834	1.4351	1.1053	3.1390	2.4218	2.1698	3.7553	1.5211	9.9843	2.9143	3.0288	1.0773	4.2121
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+01	E+04	E+04	E+04	E+04
7.5201	1.7069	1.0356	1.4351	1.0363	4.4974	2.4218	1.7358	3.7065	1.5211	6.6562	2.6971	3.0288	7.1817	5.4574
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+01	E+05	E+04	E+03	E+04
7.5201	1.6480	2.1891	1.4351	9.6717	8.4805	2.4218	1.3019	3.7661	1.5211	3.3281	2.1417	3.0288	3.5909	8.9777
E+02	E+03	E+04	E+04	E+04	E+02	E+03	E+03	E+05	E+02	E+01	E+06	E+04	E+03	E+04
7.5201	1.5892	1.3734	1.4351	8.9809	5.6543	2.4218	8.6791	7.8992	1.5211	0.0000	5.9537	3.0288	0.0000	8.6819
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+02	E+05	E+02	E+00	E+06	E+04	E+00	E+05
7.5201	1.5303	2.7221	1.4351	8.2901	5.2682	2.4218	4.3395	1.9801	1.1883	1.3645	2.3167	2.6297	1.6159	8.4860
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+02	E+06	E+02	E+03	E+00	E+04	E+05	E-02
7.5201	1.4715	4.2272	1.4351	7.5992	3.7153	2.4218	0.0000	4.5690	1.1883	1.2980	2.7295	2.6297	1.4723	2.7596
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+00	E+06	E+02	E+03	E+01	E+04	E+05	E+00
7.5201	1.4126	6.2932	1.4351	6.9084	9.5917	1.8589	2.1264	7.1485	1.1883	1.2647	8.5215	2.6297	1.4363	8.4860
E+02	E+03	E+04	E+04	E+04	E+02	E+03	E+04	E+00	E+02	E+03	E+00	E+04	E+05	E-02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
7.5201	1.3538	9.5026	1.4351	6.2175	1.0728	1.8589	1.9962	2.7295	1.1883	1.2314	1.4337	2.6297	1.4004	2.5432
E+02	E+03	E+04	E+04	E+04	E+03	E+03	E+04	E+01	E+02	E+03	E+01	E+04	E+05	E+00
7.5201	1.2949	1.3493	1.4351	5.5267	2.0161	1.8589	1.7358	9.5530	1.1883	1.1981	9.2799	2.6297	1.3645	1.5835
E+02	E+03	E+05	E+04	E+04	E+02	E+03	E+04	E+01	E+02	E+03	E+01	E+04	E+05	E+00
7.5201	1.2360	1.6341	1.4351	4.8359	3.9083	1.8589	1.6490	9.5530	1.1883	1.1648	1.0220	2.6297	1.3286	2.2362
E+02	E+03	E+05	E+04	E+04	E+02	E+03	E+04	E+01	E+02	E+03	E+01	E+04	E+05	E+00
7.5201	1.1772	2.3282	1.4351	4.1450	4.6109	1.8589	1.5622	7.0986	1.1883	1.1315	1.0542	2.6297	1.2927	2.0154
E+02	E+03	E+05	E+04	E+04	E+03	E+03	E+04	E-01	E+02	E+03	E+02	E+04	E+05	E+00
7.5201	1.1183	2.6660	1.4351	3.4542	1.4178	1.8589	1.4754	4.9539	1.1883	1.0983	7.3889	2.6297	1.2568	6.9774
E+02	E+03	E+05	E+04	E+04	E+04	E+03	E+04	E+01	E+02	E+03	E+01	E+04	E+05	E+00
7.5201	1.0595	4.2563	1.4351	2.7634	1.2823	1.8589	1.4320	3.8018	1.1883	1.0650	9.8500	2.6297	1.2209	4.0862
E+02	E+03	E+05	E+04	E+04	E+04	E+03	E+04	E+02	E+02	E+03	E+01	E+04	E+05	E+01
7.5201	1.0006	5.6068	1.4351	2.0725	1.9966	1.8589	1.3887	8.6853	1.1883	1.0317	1.9762	2.6297	1.1850	3.1635
E+02	E+03	E+05	E+04	E+04	E+04	E+03	E+04	E+00	E+02	E+03	E+02	E+04	E+05	E+00
7.5201	9.4174	7.8887	1.4351	1.3817	1.9837	1.8589	1.3453	6.3754	1.1883	9.9843	1.5009	2.6297	1.1491	1.1759
E+02	E+02	E+05	E+04	E+04	E+04	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+05	E+00
7.5201	8.8288	9.5471	1.4351	6.9084	1.9624	1.8589	1.3019	8.8157	1.1883	9.6514	8.8297	2.6297	1.1132	9.4550
E+02	E+02	E+05	E+04	E+03	E+05	E+03	E+04	E+02	E+02	E+02	E+01	E+04	E+05	E+00
7.5201	8.2402	1.1485	1.4351	0.0000	1.0199	1.8589	1.2585	7.2735	1.1883	9.3186	1.0084	2.6297	1.0773	6.7507
E+02	E+02	E+06	E+04	E+00	E+06	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+05	E+01
7.5201	7.6516	1.6531	6.9823	1.7962	6.2500	1.8589	1.2151	7.1485	1.1883	8.9858	6.2711	2.6297	1.0414	2.4177
E+02	E+02	E+06	E+03	E+05	E-01	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+05	E+01
7.5201	7.0631	2.0382	6.9823	1.7271	4.0417	1.8589	1.1717	5.8509	1.1883	8.6530	3.7391	2.6297	1.0054	9.6756
E+02	E+02	E+06	E+03	E+05	E-02	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+05	E+01
7.5201	6.4745	2.7293	6.9823	1.5889	1.3485	1.8589	1.1283	4.6998	1.1883	8.3202	8.4070	2.6297	9.6953	4.0389
E+02	E+02	E+06	E+03	E+05	E+00	E+03	E+04	E+02	E+02	E+02	E+01	E+04	E+04	E+01
7.5201	5.8859	3.6274	6.9823	1.4508	6.2500	1.8589	1.0849	1.7908	1.1883	7.9874	1.7453	2.6297	9.3362	2.5585
E+02	E+02	E+06	E+03	E+05	E-01	E+03	E+04	E+03	E+02	E+02	E+02	E+04	E+04	E+02
7.5201	5.2973	4.2338	6.9823	1.3817	6.2500	1.8589	1.0415	1.3826	1.1883	7.6546	2.7843	2.6297	8.9772	5.5508
E+02	E+02	E+06	E+03	E+05	E-01	E+03	E+04	E+03	E+02	E+02	E+02	E+04	E+04	E+01
7.5201	4.7087	4.9375	6.9823	1.3126	3.3221	1.8589	9.9809	2.9012	1.1883	7.3218	4.1024	2.6297	8.6181	2.2370
E+02	E+02	E+06	E+03	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
7.5201	4.1201	5.3832	6.9823	1.2435	1.8750	1.8589	9.5470	2.0946	1.1883	6.9890	1.1009	2.6297	8.2590	1.4320
E+02	E+02	E+06	E+03	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+03	E+04	E+04	E+02
7.5201	3.5315	5.5042	6.9823	1.1744	8.8567	1.8589	9.1130	4.6969	1.1883	6.6562	1.1288	2.6297	7.8999	4.2191
E+02	E+02	E+06	E+03	E+05	E+02	E+03	E+03	E+03	E+02	E+02	E+03	E+04	E+04	E+02
7.5201	2.9429	5.4648	6.9823	1.1053	2.5252	1.8589	8.6791	5.0660	1.1883	6.3234	2.7073	2.6297	7.5408	3.3625
E+02	E+02	E+06	E+03	E+05	E+03	E+03	E+03	E+03	E+02	E+02	E+03	E+04	E+04	E+02
7.5201	2.3544	5.2310	6.9823	1.0363	1.1801	1.8589	8.2451	1.2533	1.1883	5.9906	1.2681	2.6297	7.1817	4.1541
E+02	E+02	E+06	E+03	E+05	E+01	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02
7.5201	1.7658	6.4519	6.9823	9.6717	8.5173	1.8589	7.8112	1.7257	1.1883	5.6577	2.5009	2.6297	6.8226	2.7164
E+02	E+02	E+06	E+03	E+04	E+02	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02
7.5201	1.1772	1.2481	6.9823	8.9809	4.2515	1.8589	7.3772	2.7102	1.1883	5.3249	2.8882	2.6297	6.4636	1.0343
E+02	E+02	E+07	E+03	E+04	E+03	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+03
7.5201	5.8859	2.7870	6.9823	8.2901	5.9529	1.8589	6.9433	3.9312	1.1883	4.9921	5.7700	2.6297	6.1045	7.5651
E+02	E+01	E+07	E+03	E+04	E+03	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02
7.5201	0.0000	3.0152	6.9823	7.5992	6.0399	1.8589	6.5093	7.7499	1.1883	4.6593	4.7631	2.6297	5.7454	1.1235
E+02	E+00	E+07	E+03	E+04	E+03	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+03
6.8545	2.2955	7.1485	6.9823	6.9084	9.3755	1.8589	6.0753	8.0802	1.1883	4.3265	7.0934	2.6297	5.3863	3.1498
E+02	E+03	E+00	E+03	E+04	E+03	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+03
6.8545	2.2366	1.2667	6.9823	6.2175	1.7129	1.8589	5.6414	1.8214	1.1883	3.9937	1.0468	2.6297	5.0272	2.7013
E+02	E+03	E+02	E+03	E+04	E+04	E+03	E+03	E+05	E+02	E+02	E+04	E+04	E+04	E+03

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.8545 E+02	2.1189 E+03	3.2642 E+02	6.9823 E+03	5.5267 E+04	2.4097 E+04	1.8589 E+03	5.2074 E+03	1.8904 E+05	1.1883 E+02	3.6609 E+02	1.4740 E+04	2.6297 E+04	4.6681 E+04	5.1904 E+03
6.8545 E+02	2.0601 E+03	6.3482 E+02	6.9823 E+03	4.8359 E+04	2.7677 E+04	1.8589 E+03	4.7735 E+03	3.0151 E+05	1.1883 E+02	3.3281 E+02	1.9419 E+04	2.6297 E+04	4.3090 E+04	6.2741 E+03
6.8545 E+02	2.0012 E+03	5.9023 E+02	6.9823 E+03	4.1450 E+04	6.2307 E+04	1.8589 E+03	4.3395 E+03	4.0557 E+05	1.1883 E+02	2.9953 E+02	1.8388 E+04	2.6297 E+04	3.9499 E+04	6.7711 E+03
6.8545 E+02	1.9423 E+03	1.1785 E+03	6.9823 E+03	3.4542 E+04	1.4268 E+05	1.8589 E+03	3.9056 E+03	5.0908 E+05	1.1883 E+02	2.6625 E+02	3.0002 E+04	2.6297 E+04	3.5909 E+04	1.0081 E+04
6.8545 E+02	1.8835 E+03	3.0535 E+03	6.9823 E+03	2.7634 E+04	3.3568 E+05	1.8589 E+03	3.4716 E+03	6.3761 E+05	1.1883 E+02	2.3297 E+02	3.4754 E+04	2.6297 E+04	3.2318 E+04	1.4141 E+04
6.8545 E+02	1.8246 E+03	4.3770 E+03	6.9823 E+03	2.0725 E+04	8.1136 E+05	1.8589 E+03	3.0377 E+03	6.2124 E+05	1.1883 E+02	1.9969 E+02	5.0217 E+04	2.6297 E+04	2.8727 E+04	2.9684 E+04
6.8545 E+02	1.7658 E+03	6.0761 E+03	6.9823 E+03	1.3817 E+04	1.9031 E+06	1.8589 E+03	2.6037 E+03	8.0762 E+05	1.1883 E+02	1.6640 E+02	6.1773 E+04	2.6297 E+04	2.5136 E+04	3.6360 E+04
6.8545 E+02	1.7069 E+03	5.9373 E+03	6.9823 E+03	6.9084 E+03	4.4991 E+06	1.8589 E+03	2.1698 E+03	8.0099 E+05	1.1883 E+02	1.3312 E+02	7.2517 E+04	2.6297 E+04	2.1545 E+04	7.2995 E+04
6.8545 E+02	1.6480 E+03	1.0567 E+04	6.9823 E+03	0.0000 E+00	1.2038 E+07	1.8589 E+03	1.7358 E+03	7.4406 E+05	1.1883 E+02	9.9843 E+01	1.1865 E+05	2.6297 E+04	1.7954 E+04	9.1528 E+04
6.8545 E+02	1.5892 E+03	1.3942 E+04	- 3.8648 E+02	1.6580 E+05	4.0417 E-02	1.8589 E+03	1.3019 E+03	7.6071 E+05	1.1883 E+02	6.6562 E+01	7.1651 E+05	2.6297 E+04	1.4363 E+04	1.3607 E+05
6.8545 E+02	1.5303 E+03	2.1848 E+04	- 3.8648 E+02	1.4508 E+05	1.3485 E+00	1.8589 E+03	8.6791 E+02	1.4008 E+06	1.1883 E+02	3.3281 E+01	6.6627 E+06	2.6297 E+04	1.0773 E+04	2.1158 E+05
6.8545 E+02	1.4715 E+03	3.1296 E+04	- 3.8648 E+02	1.3817 E+05	1.2125 E-01	1.8589 E+03	4.3395 E+02	3.9653 E+06	1.1883 E+02	0.0000 E+00	1.5672 E+07	2.6297 E+04	7.1817 E+03	2.1853 E+05
6.8545 E+02	1.4126 E+03	3.5979 E+04	- 3.8648 E+02	1.3126 E+05	4.0417 E-02	1.8589 E+03	0.0000 E+00	8.6403 E+06	8.5551 E+01	1.5975 E+03	6.2500 E-01	2.6297 E+04	3.5909 E+03	3.1398 E+05
6.8545 E+02	1.3538 E+03	6.8152 E+04	- 3.8648 E+02	1.2435 E+05	2.7496 E+00	1.2959 E+03	1.7358 E+04	8.4860 E-02	8.5551 E+01	1.3978 E+03	2.9578 E+01	2.6297 E+04	0.0000 E+00	2.4860 E+06
6.8545 E+02	1.2949 E+03	1.0966 E+05	- 3.8648 E+02	1.1744 E+05	4.0810 E+00	1.2959 E+03	1.6924 E+04	4.0417 E-02	8.5551 E+01	1.3645 E+03	4.4636 E+00	2.2306 E+04	1.6877 E+05	6.7613 E-01
6.8545 E+02	1.2360 E+03	1.0267 E+05	- 3.8648 E+02	1.1053 E+05	3.7011 E+01	1.2959 E+03	1.6490 E+04	5.0107 E+01	8.5551 E+01	1.2647 E+03	1.7611 E+01	2.2306 E+04	1.6518 E+05	8.4860 E-02
6.8545 E+02	1.1772 E+03	1.7322 E+05	- 3.8648 E+02	1.0363 E+05	1.0508 E+01	1.2959 E+03	1.5622 E+04	6.2500 E-01	8.5551 E+01	1.2314 E+03	5.2595 E+01	2.2306 E+04	1.6159 E+05	1.0226 E-01
6.8545 E+02	1.1183 E+03	2.3838 E+05	- 3.8648 E+02	9.6717 E+04	9.9146 E+02	1.2959 E+03	1.5188 E+04	2.2318 E+00	8.5551 E+01	1.1981 E+03	5.2785 E-01	2.2306 E+04	1.5800 E+05	4.4636 E+00
6.8545 E+02	1.0595 E+03	3.5392 E+05	- 3.8648 E+02	8.9809 E+04	5.0743 E+03	1.2959 E+03	1.4754 E+04	5.9649 E+01	8.5551 E+01	1.1648 E+03	1.6840 E+01	2.2306 E+04	1.5082 E+05	2.0154 E+00
6.8545 E+02	1.0006 E+03	4.9432 E+05	- 3.8648 E+02	8.2901 E+04	4.2573 E+03	1.2959 E+03	1.4320 E+04	1.6529 E+01	8.5551 E+01	1.1315 E+03	1.5791 E+02	2.2306 E+04	1.4723 E+05	2.5458 E-01
6.8545 E+02	9.4174 E+02	6.3561 E+05	- 3.8648 E+02	7.5992 E+04	3.4724 E+03	1.2959 E+03	1.3887 E+04	7.2357 E+01	8.5551 E+01	1.0983 E+03	7.3404 E+01	2.2306 E+04	1.4363 E+05	3.1559 E+00

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.8545 E+02	8.8288 E+02	9.1280 E+05	- 3.8648 E+02	6.9084 E+04	1.2936 E+04	1.2959 E+03	1.3453 E+04	2.4765 E+02	8.5551 E+01	1.0650 E+03	9.3056 E+01	2.2306 E+04	1.4004 E+05	5.1130 E-02
6.8545 E+02	8.2402 E+02	1.1123 E+06	- 3.8648 E+02	6.2175 E+04	4.9274 E+04	1.2959 E+03	1.3019 E+04	1.9811 E+02	8.5551 E+01	1.0317 E+03	3.9266 E+02	2.2306 E+04	1.3645 E+05	7.1485 E+00
6.8545 E+02	7.6516 E+02	1.4845 E+06	- 3.8648 E+02	5.5267 E+04	5.7622 E+04	1.2959 E+03	1.2585 E+04	2.9634 E+01	8.5551 E+01	9.9843 E+02	2.5697 E+02	2.2306 E+04	1.3286 E+05	8.0852 E+00
6.8545 E+02	7.0631 E+02	2.0270 E+06	- 3.8648 E+02	4.8359 E+04	1.3991 E+05	1.2959 E+03	1.2151 E+04	2.6108 E+02	8.5551 E+01	9.6514 E+02	3.7977 E+02	2.2306 E+04	1.2927 E+05	2.6691 E+01
6.8545 E+02	6.4745 E+02	2.4753 E+06	- 3.8648 E+02	4.1450 E+04	2.1040 E+05	1.2959 E+03	1.1717 E+04	8.3173 E+02	8.5551 E+01	9.3186 E+02	3.7729 E+02	2.2306 E+04	1.2568 E+05	2.2318 E+00
6.8545 E+02	5.8859 E+02	2.9903 E+06	- 3.8648 E+02	3.4542 E+04	2.3658 E+05	1.2959 E+03	1.1283 E+04	5.7899 E+02	8.5551 E+01	8.9858 E+02	9.6134 E+02	2.2306 E+04	1.2209 E+05	2.9466 E+01
6.8545 E+02	5.2973 E+02	3.3263 E+06	- 3.8648 E+02	2.7634 E+04	4.1750 E+05	1.2959 E+03	1.0849 E+04	2.7871 E+02	8.5551 E+01	8.6530 E+02	1.0164 E+03	2.2306 E+04	1.1850 E+05	1.9977 E+02
6.8545 E+02	4.7087 E+02	4.0774 E+06	- 3.8648 E+02	2.0725 E+04	5.0360 E+05	1.2959 E+03	1.0415 E+04	5.4532 E+02	8.5551 E+01	8.3202 E+02	1.6489 E+03	2.2306 E+04	1.1491 E+05	2.4642 E+01
6.8545 E+02	4.1201 E+02	4.4174 E+06	- 3.8648 E+02	1.3817 E+04	8.5276 E+05	1.2959 E+03	9.9809 E+03	3.9130 E+03	8.5551 E+01	7.9874 E+02	1.5484 E+03	2.2306 E+04	1.1132 E+05	1.0465 E+02
6.8545 E+02	3.5315 E+02	4.7351 E+06	- 3.8648 E+02	6.9084 E+03	1.7731 E+06	1.2959 E+03	9.5470 E+03	9.7856 E+03	8.5551 E+01	7.6546 E+02	2.0235 E+03	2.2306 E+04	1.0773 E+05	2.0669 E+02
6.8545 E+02	2.9429 E+02	4.4199 E+06	- 3.8648 E+02	0.0000 E+00	7.7903 E+06	1.2959 E+03	9.1130 E+03	1.1860 E+04	8.5551 E+01	7.3218 E+02	3.8097 E+03	2.2306 E+04	1.0414 E+05	2.3386 E+02
6.8545 E+02	2.3544 E+02	4.0454 E+06	- 7.7553 E+03	2.0725 E+05	6.2500 E-01	1.2959 E+03	8.6791 E+03	3.1319 E+04	8.5551 E+01	6.9890 E+02	4.3229 E+03	2.2306 E+04	1.0054 E+05	2.5102 E+02
6.8545 E+02	1.7658 E+02	5.2923 E+06	- 7.7553 E+03	1.8653 E+05	4.0417 E-02	1.2959 E+03	8.2451 E+03	1.8683 E+04	8.5551 E+01	6.6562 E+02	6.7520 E+03	2.2306 E+04	9.6953 E+04	2.3589 E+02
6.8545 E+02	1.1772 E+02	9.8511 E+06	- 7.7553 E+03	1.7962 E+05	6.6542 E-01	1.2959 E+03	7.8112 E+03	4.1041 E+04	8.5551 E+01	6.3234 E+02	1.0632 E+04	2.2306 E+04	9.3362 E+04	7.0965 E+02
6.8545 E+02	5.8859 E+01	2.4263 E+07	- 7.7553 E+03	1.7271 E+05	1.3890 E+00	1.2959 E+03	7.3772 E+03	7.5815 E+04	8.5551 E+01	5.9906 E+02	1.2594 E+04	2.2306 E+04	8.9772 E+04	7.2614 E+02
6.8545 E+02	0.0000 E+00	2.9202 E+07	- 7.7553 E+03	1.6580 E+05	4.0417 E-02	1.2959 E+03	6.9433 E+03	1.0033 E+05	8.5551 E+01	5.6577 E+02	1.2766 E+04	2.2306 E+04	8.6181 E+04	8.5945 E+02
6.1888 E+02	2.4132 E+03	7.1485 E+00	- 7.7553 E+03	1.5889 E+05	4.0417 E-02	1.2959 E+03	6.5093 E+03	1.2226 E+05	8.5551 E+01	5.3249 E+02	1.9607 E+04	2.2306 E+04	8.2590 E+04	6.2391 E+02
6.1888 E+02	2.3544 E+03	5.2785 E-01	- 7.7553 E+03	1.5198 E+05	1.2125 E-01	1.2959 E+03	6.0753 E+03	2.1450 E+05	8.5551 E+01	4.9921 E+02	2.2049 E+04	2.2306 E+04	7.8999 E+04	7.0374 E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&SRIE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.1888 E+02	2.2955 E+03	2.2122 E+01	- 7.7553 E+03	1.4508 E+05	1.3997 E+00	1.2959 E+03	5.6414 E+03	2.3851 E+05	8.5551 E+01	4.6593 E+02	4.9096 E+04	2.2306 E+04	7.5408 E+04	1.5808 E+03
6.1888 E+02	2.2366 E+03	1.5175 E+02	- 7.7553 E+03	1.3817 E+05	1.9440 E-03	1.2959 E+03	5.2074 E+03	3.2627 E+05	8.5551 E+01	4.3265 E+02	5.1912 E+04	2.2306 E+04	7.1817 E+04	1.5973 E+03
6.1888 E+02	2.1778 E+03	1.2515 E+02	- 7.7553 E+03	1.3126 E+05	1.1803 E+01	1.2959 E+03	4.7735 E+03	4.8820 E+05	8.5551 E+01	3.9937 E+02	6.0932 E+04	2.2306 E+04	6.8226 E+04	2.4514 E+03
6.1888 E+02	2.1189 E+03	5.8345 E+02	- 7.7553 E+03	1.2435 E+05	1.1830 E+01	1.2959 E+03	4.3395 E+03	5.8860 E+05	8.5551 E+01	3.6609 E+02	1.0308 E+05	2.2306 E+04	6.4636 E+04	3.2528 E+03
6.1888 E+02	2.0601 E+03	3.5030 E+02	- 7.7553 E+03	1.1744 E+05	8.8425 E+00	1.2959 E+03	3.9056 E+03	8.7097 E+05	8.5551 E+01	3.3281 E+02	1.4956 E+05	2.2306 E+04	6.1045 E+04	6.0723 E+03
6.1888 E+02	2.0012 E+03	5.5574 E+02	- 7.7553 E+03	1.1053 E+05	1.7101 E+02	1.2959 E+03	3.4716 E+03	1.1402 E+06	8.5551 E+01	2.9953 E+02	1.7723 E+05	2.2306 E+04	5.7454 E+04	6.0785 E+03
6.1888 E+02	1.9423 E+03	1.7648 E+03	- 7.7553 E+03	1.0363 E+05	4.6596 E+01	1.2959 E+03	3.0377 E+03	1.5025 E+06	8.5551 E+01	2.6625 E+02	2.4134 E+05	2.2306 E+04	5.3863 E+04	1.0777 E+04
6.1888 E+02	1.8835 E+03	2.7123 E+03	- 7.7553 E+03	9.6717 E+04	1.7216 E+03	1.2959 E+03	2.6037 E+03	1.5042 E+06	8.5551 E+01	2.3297 E+02	3.0326 E+05	2.2306 E+04	5.0272 E+04	9.9644 E+03
6.1888 E+02	1.8246 E+03	2.4707 E+03	- 7.7553 E+03	8.9809 E+04	6.5785 E+03	1.2959 E+03	2.1698 E+03	1.7973 E+06	8.5551 E+01	1.9969 E+02	3.4699 E+05	2.2306 E+04	4.6681 E+04	1.3738 E+04
6.1888 E+02	1.7658 E+03	2.9014 E+03	- 7.7553 E+03	8.2901 E+04	7.0223 E+03	1.2959 E+03	1.7358 E+03	1.7874 E+06	8.5551 E+01	1.6640 E+02	4.5027 E+05	2.2306 E+04	4.3090 E+04	1.7162 E+04
6.1888 E+02	1.7069 E+03	4.0812 E+03	- 7.7553 E+03	7.5992 E+04	8.3197 E+03	1.2959 E+03	1.3019 E+03	1.7761 E+06	8.5551 E+01	1.3312 E+02	4.5259 E+05	2.2306 E+04	3.9499 E+04	2.5774 E+04
6.1888 E+02	1.6480 E+03	7.4753 E+03	- 7.7553 E+03	6.9084 E+04	1.0760 E+04	1.2959 E+03	8.6791 E+02	2.6397 E+06	8.5551 E+01	9.9843 E+01	5.3930 E+05	2.2306 E+04	3.5909 E+04	3.3758 E+04
6.1888 E+02	1.5892 E+03	1.0029 E+04	- 7.7553 E+03	6.2175 E+04	2.9367 E+04	1.2959 E+03	4.3395 E+02	7.2367 E+06	8.5551 E+01	6.6562 E+01	2.5760 E+06	2.2306 E+04	3.2318 E+04	6.6207 E+04
6.1888 E+02	1.5303 E+03	1.3769 E+04	- 7.7553 E+03	5.5267 E+04	8.1809 E+04	1.2959 E+03	0.0000 E+00	1.5328 E+07	8.5551 E+01	3.3281 E+01	1.8778 E+07	2.2306 E+04	2.8727 E+04	9.4032 E+04
6.1888 E+02	1.4715 E+03	2.1672 E+04	- 7.7553 E+03	4.8359 E+04	1.7974 E+05	7.3295 E+02	1.9528 E+04	4.0417 E-02	8.5551 E+01	0.0000 E+00	3.9039 E+07	2.2306 E+04	2.5136 E+04	1.8731 E+05
6.1888 E+02	1.4126 E+03	2.9970 E+04	- 7.7553 E+03	4.1450 E+04	2.8866 E+05	7.3295 E+02	1.8660 E+04	8.4860 E-02	5.2270 E+01	1.6640 E+03	5.1130 E-02	2.2306 E+04	2.1545 E+04	2.4692 E+05
6.1888 E+02	1.3538 E+03	5.7108 E+04	- 7.7553 E+03	3.4542 E+04	4.9852 E+05	7.3295 E+02	1.8226 E+04	2.0107 E+01	5.2270 E+01	1.6308 E+03	1.0226 E-01	2.2306 E+04	1.7954 E+04	4.2121 E+05
6.1888 E+02	1.2949 E+03	7.8487 E+04	- 7.7553 E+03	2.7634 E+04	6.7550 E+05	7.3295 E+02	1.7792 E+04	2.0107 E+01	5.2270 E+01	1.5975 E+03	2.2318 E+00	2.2306 E+04	1.4363 E+04	5.4796 E+05

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.1888 E+02	1.2360 E+03	1.0502 E+05	- 7.7553 E+03	2.0725 E+04	1.0476 E+06	7.3295 E+02	1.7358 E+04	4.0887 E-01	5.2270 E+01	1.5642 E+03	4.4636 E+00	2.2306 E+04	1.0773 E+04	6.5148 E+05
6.1888 E+02	1.1772 E+03	1.5990 E+05	- 7.7553 E+03	1.3817 E+04	1.3831 E+06	7.3295 E+02	1.6924 E+04	5.3570 E+01	5.2270 E+01	1.4976 E+03	2.2318 E+00	2.2306 E+04	7.1817 E+03	8.3753 E+05
6.1888 E+02	1.1183 E+03	2.1910 E+05	- 7.7553 E+03	6.9084 E+03	1.9729 E+06	7.3295 E+02	1.6490 E+04	2.3324 E+01	5.2270 E+01	1.4311 E+03	2.3444 E+01	2.2306 E+04	3.5909 E+03	1.0499 E+06
6.1888 E+02	1.0595 E+03	2.3337 E+05	- 7.7553 E+03	0.0000 E+00	4.1660 E+06	7.3295 E+02	1.6056 E+04	1.0661 E+02	5.2270 E+01	1.3978 E+03	2.2819 E+01	2.2306 E+04	0.0000 E+00	7.0779 E+06
6.1888 E+02	1.0006 E+03	3.8266 E+05	- 1.5124 E+04	2.8324 E+05	3.5000 E+00	7.3295 E+02	1.5622 E+04	6.5736 E+02	5.2270 E+01	1.3645 E+03	1.7043 E+01	1.8315 E+04	1.6518 E+05	2.2318 E+00
6.1888 E+02	9.4174 E+02	4.9647 E+05	- 1.5124 E+04	2.2798 E+05	6.2500 E-01	7.3295 E+02	1.5188 E+04	3.5816 E+01	5.2270 E+01	1.3312 E+03	4.5444 E+00	1.8315 E+04	1.5800 E+05	8.4860 E-02
6.1888 E+02	8.8288 E+02	7.1725 E+05	- 1.5124 E+04	2.2107 E+05	1.7500 E+00	7.3295 E+02	1.4754 E+04	3.2035 E+01	5.2270 E+01	1.2980 E+03	2.7874 E+01	1.8315 E+04	1.5441 E+05	6.9757 E-01
6.1888 E+02	8.2402 E+02	9.2310 E+05	- 1.5124 E+04	2.1416 E+05	4.0417 E-02	7.3295 E+02	1.4320 E+04	1.2450 E+02	5.2270 E+01	1.2647 E+03	8.4483 E+01	1.8315 E+04	1.5082 E+05	2.1002 E+00
6.1888 E+02	7.6516 E+02	1.2339 E+06	- 1.5124 E+04	1.8653 E+05	4.0417 E-02	7.3295 E+02	1.3887 E+04	2.9535 E+02	5.2270 E+01	1.2314 E+03	1.9011 E+01	1.8315 E+04	1.4723 E+05	8.5215 E+00
6.1888 E+02	7.0631 E+02	1.5317 E+06	- 1.5124 E+04	1.7962 E+05	4.0417 E-02	7.3295 E+02	1.3453 E+04	2.2158 E+02	5.2270 E+01	1.1981 E+03	6.4049 E+01	1.8315 E+04	1.4363 E+05	5.0927 E+00
6.1888 E+02	6.4745 E+02	1.8180 E+06	- 1.5124 E+04	1.6580 E+05	1.2125 E-01	7.3295 E+02	1.3019 E+04	3.4712 E+02	5.2270 E+01	1.1648 E+03	1.6955 E+02	1.8315 E+04	1.4004 E+05	3.8663 E+00
6.1888 E+02	5.8859 E+02	2.3289 E+06	- 1.5124 E+04	1.5889 E+05	4.0417 E-02	7.3295 E+02	1.2585 E+04	1.3471 E+03	5.2270 E+01	1.1315 E+03	2.3044 E+02	1.8315 E+04	1.3645 E+05	8.5186 E-01
6.1888 E+02	5.2973 E+02	2.8448 E+06	- 1.5124 E+04	1.5198 E+05	1.0417 E+01	7.3295 E+02	1.2151 E+04	1.0200 E+03	5.2270 E+01	1.0983 E+03	2.3702 E+02	1.8315 E+04	1.3286 E+05	8.5181 E+00
6.1888 E+02	4.7087 E+02	3.1102 E+06	- 1.5124 E+04	1.4508 E+05	2.0874 E+01	7.3295 E+02	1.1717 E+04	6.7154 E+02	5.2270 E+01	1.0650 E+03	1.8093 E+02	1.8315 E+04	1.2927 E+05	6.7233 E+00
6.1888 E+02	4.1201 E+02	3.7634 E+06	- 1.5124 E+04	1.3817 E+05	1.6825 E+01	7.3295 E+02	1.1283 E+04	1.8265 E+03	5.2270 E+01	1.0317 E+03	3.5296 E+02	1.8315 E+04	1.2568 E+05	3.3619 E+01
6.1888 E+02	3.5315 E+02	3.9477 E+06	- 1.5124 E+04	1.3126 E+05	2.1723 E+01	7.3295 E+02	1.0849 E+04	8.8151 E+03	5.2270 E+01	9.9843 E+02	6.8591 E+02	1.8315 E+04	1.2209 E+05	1.3366 E+01
6.1888 E+02	2.9429 E+02	3.6872 E+06	- 1.5124 E+04	1.2435 E+05	5.9708 E+01	7.3295 E+02	1.0415 E+04	7.7702 E+03	5.2270 E+01	9.6514 E+02	9.3615 E+02	1.8315 E+04	1.1850 E+05	1.3050 E+02
6.1888 E+02	2.3544 E+02	4.1144 E+06	- 1.5124 E+04	1.1744 E+05	1.5165 E+02	7.3295 E+02	9.9809 E+03	6.7652 E+03	5.2270 E+01	9.3186 E+02	2.2080 E+03	1.8315 E+04	1.1491 E+05	6.1826 E+01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.1888 E+02	1.7658 E+02	4.3882 E+06	- 1.5124 E+04	1.1053 E+05	1.8623 E+03	7.3295 E+02	9.5470 E+03	1.3865 E+04	5.2270 E+01	8.9858 E+02	2.0641 E+03	1.8315 E+04	1.1132 E+05	3.4978 E+02
6.1888 E+02	1.1772 E+02	8.6243 E+06	- 1.5124 E+04	1.0363 E+05	1.9290 E+03	7.3295 E+02	9.1130 E+03	3.1665 E+04	5.2270 E+01	8.6530 E+02	2.8661 E+03	1.8315 E+04	1.0773 E+05	1.7196 E+02
6.1888 E+02	5.8859 E+01	2.2037 E+07	- 1.5124 E+04	9.6717 E+04	2.0248 E+03	7.3295 E+02	8.6791 E+03	3.4769 E+04	5.2270 E+01	8.3202 E+02	3.7471 E+03	1.8315 E+04	1.0414 E+05	2.4201 E+02
6.1888 E+02	0.0000 E+00	2.8222 E+07	- 1.5124 E+04	8.9809 E+04	1.6407 E+03	7.3295 E+02	8.2451 E+03	5.1843 E+04	5.2270 E+01	7.9874 E+02	7.8689 E+03	1.8315 E+04	1.0054 E+05	5.3034 E+02
5.5232 E+02	2.7075 E+03	4.4636 E+00	- 1.5124 E+04	8.2901 E+04	5.5785 E+03	7.3295 E+02	7.8112 E+03	8.4699 E+04	5.2270 E+01	7.6546 E+02	8.4929 E+03	1.8315 E+04	9.6953 E+04	1.0577 E+03
5.5232 E+02	2.5309 E+03	1.0753 E+01	- 1.5124 E+04	7.5992 E+04	8.2776 E+03	7.3295 E+02	7.3772 E+03	1.1318 E+05	5.2270 E+01	7.3218 E+02	1.5228 E+04	1.8315 E+04	9.3362 E+04	8.4612 E+02
5.5232 E+02	2.4721 E+03	9.9082 E+00	- 1.5124 E+04	6.9084 E+04	2.9165 E+04	7.3295 E+02	6.9433 E+03	1.6766 E+05	5.2270 E+01	6.9890 E+02	1.7747 E+04	1.8315 E+04	8.9772 E+04	1.5910 E+03
5.5232 E+02	2.4132 E+03	4.0540 E+01	- 1.5124 E+04	6.2175 E+04	4.4273 E+04	7.3295 E+02	6.5093 E+03	1.9875 E+05	5.2270 E+01	6.6562 E+02	2.4501 E+04	1.8315 E+04	8.6181 E+04	1.2138 E+03
5.5232 E+02	2.3544 E+03	5.5784 E+01	- 1.5124 E+04	5.5267 E+04	1.5694 E+05	7.3295 E+02	6.0753 E+03	2.2715 E+05	5.2270 E+01	6.3234 E+02	4.5218 E+04	1.8315 E+04	8.2590 E+04	2.1006 E+03
5.5232 E+02	2.2955 E+03	8.6565 E+00	- 1.5124 E+04	4.8359 E+04	1.9943 E+05	7.3295 E+02	5.6414 E+03	3.5961 E+05	5.2270 E+01	5.9906 E+02	4.9979 E+04	1.8315 E+04	7.8999 E+04	2.6500 E+03
5.5232 E+02	2.2366 E+03	1.6262 E+02	- 1.5124 E+04	4.1450 E+04	3.6492 E+05	7.3295 E+02	5.2074 E+03	5.4191 E+05	5.2270 E+01	5.6577 E+02	7.4010 E+04	1.8315 E+04	7.5408 E+04	4.8152 E+03
5.5232 E+02	2.1778 E+03	1.9157 E+02	- 1.5124 E+04	3.4542 E+04	5.8757 E+05	7.3295 E+02	4.7735 E+03	6.7195 E+05	5.2270 E+01	5.3249 E+02	1.2409 E+05	1.8315 E+04	7.1817 E+04	8.2335 E+03
5.5232 E+02	2.1189 E+03	8.9562 E+01	- 1.5124 E+04	2.7634 E+04	1.0495 E+06	7.3295 E+02	4.3395 E+03	8.1426 E+05	5.2270 E+01	4.9921 E+02	1.9157 E+05	1.8315 E+04	6.8226 E+04	8.8524 E+03
5.5232 E+02	2.0601 E+03	3.1055 E+02	- 1.5124 E+04	2.0725 E+04	1.6811 E+06	7.3295 E+02	3.9056 E+03	1.1617 E+06	5.2270 E+01	4.6593 E+02	2.3778 E+05	1.8315 E+04	6.4636 E+04	1.3003 E+04
5.5232 E+02	2.0012 E+03	8.3457 E+02	- 1.5124 E+04	1.3817 E+04	2.6025 E+06	7.3295 E+02	3.4716 E+03	1.5388 E+06	5.2270 E+01	4.3265 E+02	4.1511 E+05	1.8315 E+04	6.1045 E+04	1.6295 E+04
5.5232 E+02	1.9423 E+03	7.2116 E+02	- 1.5124 E+04	6.9084 E+03	3.8934 E+06	7.3295 E+02	3.0377 E+03	2.0920 E+06	5.2270 E+01	3.9937 E+02	5.6334 E+05	1.8315 E+04	5.7454 E+04	2.4218 E+04
5.5232 E+02	1.8835 E+03	1.9071 E+03	- 1.5124 E+04	0.0000 E+00	6.2360 E+06	7.3295 E+02	2.6037 E+03	2.3820 E+06	5.2270 E+01	3.6609 E+02	8.0377 E+05	1.8315 E+04	5.3863 E+04	4.2721 E+04
5.5232 E+02	1.8246 E+03	2.2803 E+03	- 2.2493 E+04	3.1088 E+05	1.3485 E+00	7.3295 E+02	2.1698 E+03	2.8622 E+06	5.2270 E+01	3.3281 E+02	1.1069 E+06	1.8315 E+04	5.0272 E+04	4.9811 E+04

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.5232 E+02	1.7658 E+03	2.6830 E+03	- 2.2493 E+04	3.0397 E+05	1.3485 E+00	7.3295 E+02	1.7358 E+03	2.9853 E+06	5.2270 E+01	2.9953 E+02	1.6428 E+06	1.8315 E+04	4.6681 E+04	8.0887 E+04
5.5232 E+02	1.7069 E+03	4.4369 E+03	- 2.2493 E+04	2.9706 E+05	5.2085 E+00	7.3295 E+02	1.3019 E+03	3.2246 E+06	5.2270 E+01	2.6625 E+02	2.3025 E+06	1.8315 E+04	4.3090 E+04	9.6306 E+04
5.5232 E+02	1.6480 E+03	8.9580 E+03	- 2.2493 E+04	2.7634 E+05	1.3485 E+00	7.3295 E+02	8.6791 E+02	4.8002 E+06	5.2270 E+01	2.3297 E+02	3.0308 E+06	1.8315 E+04	3.9499 E+04	1.4693 E+05
5.5232 E+02	1.5892 E+03	1.3851 E+04	- 2.2493 E+04	2.6943 E+05	1.3485 E+00	7.3295 E+02	4.3395 E+02	1.1115 E+07	5.2270 E+01	1.9969 E+02	3.7195 E+06	1.8315 E+04	3.5909 E+04	2.0430 E+05
5.5232 E+02	1.5303 E+03	1.7226 E+04	- 2.2493 E+04	2.6252 E+05	3.5000 E+00	7.3295 E+02	0.0000 E+00	2.5788 E+07	5.2270 E+01	1.6640 E+02	4.5076 E+06	1.8315 E+04	3.2318 E+04	2.9051 E+05
5.5232 E+02	1.4715 E+03	1.9178 E+04	- 2.2493 E+04	2.5561 E+05	1.7500 E+00	1.6999 E+02	1.9094 E+04	8.4860 E-02	5.2270 E+01	1.3312 E+02	4.7039 E+06	1.8315 E+04	2.8727 E+04	4.2059 E+05
5.5232 E+02	1.4126 E+03	2.7433 E+04	- 2.2493 E+04	2.4179 E+05	3.0000 E+00	1.6999 E+02	1.8226 E+04	8.4860 E-02	5.2270 E+01	9.9843 E+01	5.2776 E+06	1.8315 E+04	2.5136 E+04	6.6280 E+05
5.5232 E+02	1.3538 E+03	4.0815 E+04	- 2.2493 E+04	2.0725 E+05	4.0417 E-02	1.6999 E+02	1.7358 E+04	3.6344 E+01	5.2270 E+01	6.6562 E+01	9.6712 E+06	1.8315 E+04	2.1545 E+04	8.7343 E+05
5.5232 E+02	1.2949 E+03	6.4875 E+04	- 2.2493 E+04	2.0034 E+05	6.6542 E-01	1.6999 E+02	1.6924 E+04	7.9418 E+01	5.2270 E+01	3.3281 E+01	4.8052 E+07	1.8315 E+04	1.7954 E+04	1.2555 E+06
5.5232 E+02	1.2360 E+03	7.7547 E+04	- 2.2493 E+04	1.7962 E+05	4.0417 E-02	1.6999 E+02	1.6490 E+04	1.6153 E+02	5.2270 E+01	0.0000 E+00	9.3004 E+07	1.8315 E+04	1.4363 E+04	1.9267 E+06
5.5232 E+02	1.1772 E+03	1.3464 E+05	- 2.2493 E+04	1.7271 E+05	5.1130 E-02	1.6999 E+02	1.6056 E+04	3.5922 E+02	1.8989 E+01	1.5309 E+03	2.2829 E+00	1.8315 E+04	1.0773 E+04	2.4917 E+06
5.5232 E+02	1.1183 E+03	1.5181 E+05	- 2.2493 E+04	1.6580 E+05	1.6361 E-01	1.6999 E+02	1.5622 E+04	7.2843 E+02	1.8989 E+01	1.4644 E+03	1.3610 E+01	1.8315 E+04	7.1817 E+03	2.8636 E+06
5.5232 E+02	1.0595 E+03	2.1461 E+05	- 2.2493 E+04	1.5889 E+05	1.2125 E-01	1.6999 E+02	1.5188 E+04	2.1684 E+02	1.8989 E+01	1.4311 E+03	4.4636 E+00	1.8315 E+04	3.5909 E+03	3.0016 E+06
5.5232 E+02	1.0006 E+03	2.6145 E+05	- 2.2493 E+04	1.5198 E+05	1.4294 E+00	1.6999 E+02	1.4754 E+04	3.7923 E+02	1.8989 E+01	1.3978 E+03	4.4636 E+00	1.8315 E+04	0.0000 E+00	1.7430 E+07
5.5232 E+02	9.4174 E+02	3.8648 E+05	- 2.2493 E+04	1.4508 E+05	3.3791 E+01	1.6999 E+02	1.4320 E+04	1.7951 E+03	1.8989 E+01	1.3645 E+03	7.2334 E+00	1.4324 E+04	1.5441 E+05	2.0665 E+00
5.5232 E+02	8.8288 E+02	4.5313 E+05	- 2.2493 E+04	1.3817 E+05	3.2431 E+01	1.6999 E+02	1.3887 E+04	2.7295 E+03	1.8989 E+01	1.3312 E+03	1.5528 E+01	1.4324 E+04	1.4723 E+05	2.7546 E+00
5.5232 E+02	8.2402 E+02	6.0273 E+05	- 2.2493 E+04	1.3126 E+05	3.1291 E+01	1.6999 E+02	1.3453 E+04	4.6379 E+03	1.8989 E+01	1.2980 E+03	1.3431 E+01	1.4324 E+04	1.4363 E+05	5.0849 E+00
5.5232 E+02	7.6516 E+02	6.9799 E+05	- 2.2493 E+04	1.2435 E+05	2.5940 E+01	1.6999 E+02	1.3019 E+04	3.1517 E+03	1.8989 E+01	1.2647 E+03	2.4620 E+01	1.4324 E+04	1.4004 E+05	6.8320 E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.5232 E+02	7.0631 E+02	8.5170 E+05	- 2.2493 E+04	1.1744 E+05	9.6770 E+01	1.6999 E+02	1.2585 E+04	6.7496 E+03	1.8989 E+01	1.2314 E+03	2.3529 E+01	1.4324 E+04	1.3645 E+05	6.1673 E+00
5.5232 E+02	6.4745 E+02	1.1235 E+06	- 2.2493 E+04	1.1053 E+05	9.8892 E+02	1.6999 E+02	1.2151 E+04	1.3476 E+04	1.8989 E+01	1.1981 E+03	7.1449 E+01	1.4324 E+04	1.3286 E+05	9.9117 E+00
5.5232 E+02	5.8859 E+02	1.3585 E+06	- 2.2493 E+04	1.0363 E+05	5.8040 E+03	1.6999 E+02	1.1717 E+04	8.7946 E+03	1.8989 E+01	1.1648 E+03	1.2309 E+02	1.4324 E+04	1.2927 E+05	1.5110 E+01
5.5232 E+02	5.2973 E+02	1.7235 E+06	- 2.2493 E+04	9.6717 E+04	2.6803 E+03	1.6999 E+02	1.1283 E+04	1.8325 E+04	1.8989 E+01	1.1315 E+03	1.8850 E+02	1.4324 E+04	1.2568 E+05	5.1539 E+01
5.5232 E+02	4.7087 E+02	2.0956 E+06	- 2.2493 E+04	8.9809 E+04	5.6396 E+03	1.6999 E+02	1.0849 E+04	1.0015 E+04	1.8989 E+01	1.0983 E+03	3.1295 E+02	1.4324 E+04	1.2209 E+05	1.5902 E+01
5.5232 E+02	4.1201 E+02	2.5035 E+06	- 2.2493 E+04	8.2901 E+04	7.3751 E+03	1.6999 E+02	1.0415 E+04	2.2456 E+04	1.8989 E+01	1.0650 E+03	2.9930 E+02	1.4324 E+04	1.1850 E+05	8.5431 E+01
5.5232 E+02	3.5315 E+02	3.2977 E+06	- 2.2493 E+04	7.5992 E+04	1.6233 E+04	1.6999 E+02	9.9809 E+03	3.5342 E+04	1.8989 E+01	1.0317 E+03	6.2537 E+02	1.4324 E+04	1.1491 E+05	4.2666 E+01
5.5232 E+02	2.9429 E+02	4.0539 E+06	- 2.2493 E+04	6.9084 E+04	2.3777 E+04	1.6999 E+02	9.5470 E+03	3.5796 E+04	1.8989 E+01	9.9843 E+02	1.0556 E+03	1.4324 E+04	1.1132 E+05	3.7425 E+02
5.5232 E+02	2.3544 E+02	4.1287 E+06	- 2.2493 E+04	6.2175 E+04	5.1663 E+04	1.6999 E+02	9.1130 E+03	2.9040 E+04	1.8989 E+01	9.6514 E+02	1.8365 E+03	1.4324 E+04	1.0773 E+05	3.2253 E+02
5.5232 E+02	1.7658 E+02	5.5288 E+06	- 2.2493 E+04	5.5267 E+04	1.0600 E+05	1.6999 E+02	8.6791 E+03	6.7214 E+04	1.8989 E+01	9.3186 E+02	1.3139 E+03	1.4324 E+04	1.0414 E+05	5.6033 E+02
5.5232 E+02	1.1772 E+02	8.0267 E+06	- 2.2493 E+04	4.8359 E+04	2.2188 E+05	1.6999 E+02	8.2451 E+03	9.0582 E+04	1.8989 E+01	8.9858 E+02	2.8887 E+03	1.4324 E+04	1.0054 E+05	2.9808 E+02
5.5232 E+02	5.8859 E+01	2.1753 E+07	- 2.2493 E+04	4.1450 E+04	4.8004 E+05	1.6999 E+02	7.8112 E+03	9.6999 E+04	1.8989 E+01	8.6530 E+02	1.1499 E+04	1.4324 E+04	9.6953 E+04	1.2212 E+03
5.5232 E+02	0.0000 E+00	3.0970 E+07	- 2.2493 E+04	3.4542 E+04	9.5935 E+05	1.6999 E+02	7.3772 E+03	1.3353 E+05	1.8989 E+01	8.3202 E+02	1.2340 E+04	1.4324 E+04	9.3362 E+04	5.4667 E+02
4.8575 E+02	2.6486 E+03	2.2338 E+01	- 2.2493 E+04	2.7634 E+04	1.9640 E+06	1.6999 E+02	6.9433 E+03	1.7495 E+05	1.8989 E+01	7.9874 E+02	1.0322 E+04	1.4324 E+04	8.9772 E+04	2.4679 E+03
4.8575 E+02	2.5898 E+03	7.2233 E+00	- 2.2493 E+04	2.0725 E+04	3.1763 E+06	1.6999 E+02	6.5093 E+03	2.8456 E+05	1.8989 E+01	7.6546 E+02	2.6894 E+04	1.4324 E+04	8.6181 E+04	2.1112 E+03
4.8575 E+02	2.5309 E+03	9.9082 E+00	- 2.2493 E+04	1.3817 E+04	4.7566 E+06	1.6999 E+02	6.0753 E+03	3.3701 E+05	1.8989 E+01	7.3218 E+02	4.2888 E+04	1.4324 E+04	8.2590 E+04	3.5286 E+03
4.8575 E+02	2.4721 E+03	7.8483 E+00	- 2.2493 E+04	6.9084 E+03	7.4526 E+06	1.6999 E+02	5.6414 E+03	4.7982 E+05	1.8989 E+01	6.9890 E+02	4.6596 E+04	1.4324 E+04	7.8999 E+04	6.3417 E+03
4.8575 E+02	2.4132 E+03	1.0104 E+02	- 2.2493 E+04	0.0000 E+00	1.0853 E+07	1.6999 E+02	5.2074 E+03	6.8990 E+05	1.8989 E+01	6.6562 E+02	7.0013 E+04	1.4324 E+04	7.5408 E+04	6.6157 E+03

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.8575 E+02	2.3544 E+03	1.3756 E+02	- 2.9862 E+04	3.3160 E+05	1.7500 E+00	1.6999 E+02	4.7735 E+03	8.3558 E+05	1.8989 E+01	6.3234 E+02	1.1048 E+05	1.4324 E+04	7.1817 E+04	1.1275 E+04
4.8575 E+02	2.2955 E+03	5.5123 E+01	- 2.9862 E+04	3.1779 E+05	1.3485 E+00	1.6999 E+02	4.3395 E+03	1.2398 E+06	1.8989 E+01	5.9906 E+02	1.6804 E+05	1.4324 E+04	6.8226 E+04	1.4621 E+04
4.8575 E+02	2.2366 E+03	4.1562 E+01	- 2.9862 E+04	3.1088 E+05	3.5000 E+00	1.6999 E+02	3.9056 E+03	1.5334 E+06	1.8989 E+01	5.6577 E+02	2.6396 E+05	1.4324 E+04	6.4636 E+04	3.2400 E+04
4.8575 E+02	2.1778 E+03	1.3677 E+02	- 2.9862 E+04	2.9706 E+05	1.3485 E+00	1.6999 E+02	3.4716 E+03	2.0279 E+06	1.8989 E+01	5.3249 E+02	3.6855 E+05	1.4324 E+04	6.1045 E+04	5.5322 E+04
4.8575 E+02	2.1189 E+03	3.2091 E+02	- 2.9862 E+04	2.9015 E+05	4.8485 E+00	1.6999 E+02	3.0377 E+03	2.5253 E+06	1.8989 E+01	4.9921 E+02	5.7118 E+05	1.4324 E+04	5.7454 E+04	8.3515 E+04
4.8575 E+02	2.0601 E+03	1.1476 E+02	- 2.9862 E+04	2.8324 E+05	8.7500 E+00	1.6999 E+02	2.6037 E+03	3.3631 E+06	1.8989 E+01	4.6593 E+02	9.2217 E+05	1.4324 E+04	5.3863 E+04	9.8393 E+04
4.8575 E+02	2.0012 E+03	1.2168 E+03	- 2.9862 E+04	2.7634 E+05	1.7500 E+00	1.6999 E+02	2.1698 E+03	4.3709 E+06	1.8989 E+01	4.3265 E+02	1.4976 E+06	1.4324 E+04	5.0272 E+04	1.5955 E+05
4.8575 E+02	1.9423 E+03	8.2060 E+02	- 2.9862 E+04	2.6943 E+05	2.3750 E+00	1.6999 E+02	1.7358 E+03	4.7643 E+06	1.8989 E+01	3.9937 E+02	2.2558 E+06	1.4324 E+04	4.6681 E+04	2.3639 E+05
4.8575 E+02	1.8835 E+03	2.3997 E+03	- 2.9862 E+04	2.6252 E+05	2.3750 E+00	1.6999 E+02	1.3019 E+03	4.7867 E+06	1.8989 E+01	3.6609 E+02	3.7060 E+06	1.4324 E+04	4.3090 E+04	3.7760 E+05
4.8575 E+02	1.8246 E+03	1.2478 E+03	- 2.9862 E+04	2.5561 E+05	3.5000 E+00	1.6999 E+02	8.6791 E+02	6.9065 E+06	1.8989 E+01	3.3281 E+02	5.6878 E+06	1.4324 E+04	3.9499 E+04	5.3845 E+05
4.8575 E+02	1.7658 E+03	2.6539 E+03	- 2.9862 E+04	2.4870 E+05	1.3485 E+00	1.6999 E+02	4.3395 E+02	1.8435 E+07	1.8989 E+01	2.9953 E+02	8.1657 E+06	1.4324 E+04	3.5909 E+04	7.6432 E+05
4.8575 E+02	1.7069 E+03	4.1348 E+03	- 2.9862 E+04	2.4179 E+05	6.2500 E-01	1.6999 E+02	0.0000 E+00	4.4202 E+07	1.8989 E+01	2.6625 E+02	1.3124 E+07	1.4324 E+04	3.2318 E+04	1.0804 E+06
4.8575 E+02	1.6480 E+03	3.2928 E+03	- 2.9862 E+04	2.3488 E+05	1.3485 E+00	- 3.9298 E+02	2.0830 E+04	2.2318 E+00	1.8989 E+01	2.3297 E+02	1.8721 E+07	1.4324 E+04	2.8727 E+04	1.6412 E+06
4.8575 E+02	1.5892 E+03	6.0356 E+03	- 2.9862 E+04	2.2798 E+05	6.2500 E-01	- 3.9298 E+02	2.0396 E+04	6.2500 E-01	1.8989 E+01	1.9969 E+02	2.6480 E+07	1.4324 E+04	2.5136 E+04	2.1977 E+06
4.8575 E+02	1.5303 E+03	8.0187 E+03	- 2.9862 E+04	2.2107 E+05	1.2500 E+00	- 3.9298 E+02	1.9962 E+04	4.0417 E-02	1.8989 E+01	1.6640 E+02	3.5037 E+07	1.4324 E+04	2.1545 E+04	2.9744 E+06
4.8575 E+02	1.4715 E+03	1.0711 E+04	- 2.9862 E+04	2.1416 E+05	6.2500 E-01	- 3.9298 E+02	1.9528 E+04	5.6827 E-01	1.8989 E+01	1.3312 E+02	4.1776 E+07	1.4324 E+04	1.7954 E+04	4.1575 E+06
4.8575 E+02	1.4126 E+03	1.5217 E+04	- 2.9862 E+04	2.0725 E+05	6.2500 E-01	- 3.9298 E+02	1.8660 E+04	2.1897 E+02	1.8989 E+01	9.9843 E+01	4.7158 E+07	1.4324 E+04	1.4363 E+04	5.4307 E+06
4.8575 E+02	1.3538 E+03	1.7317 E+04	- 2.9862 E+04	2.0034 E+05	6.2500 E-01	- 3.9298 E+02	1.8226 E+04	8.5619 E+00	1.8989 E+01	6.6562 E+01	5.6166 E+07	1.4324 E+04	1.0773 E+04	6.8840 E+06

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.8575 E+02	1.2949 E+03	2.3010 E+04	- 2.9862 E+04	1.9343 E+05	1.7519 E+00	- 3.9298 E+02	1.7792 E+04	1.7083 E+01	1.8989 E+01	3.3281 E+01	1.1422 E+08	1.4324 E+04	7.1817 E+03	7.8619 E+06
4.8575 E+02	1.2360 E+03	3.8641 E+04	- 2.9862 E+04	1.8653 E+05	1.2092 E-02	- 3.9298 E+02	1.7358 E+04	1.7584 E+01	1.8989 E+01	0.0000 E+00	2.3567 E+08	1.4324 E+04	3.5909 E+03	7.7530 E+06
4.8575 E+02	1.1772 E+03	6.2198 E+04	- 2.9862 E+04	1.7962 E+05	4.0417 E-02	- 3.9298 E+02	1.6924 E+04	2.1647 E+02	- 1.4292 E+01	1.4644 E+03	2.2318 E+00	1.4324 E+04	0.0000 E+00	3.7808 E+07
4.8575 E+02	1.1183 E+03	6.6375 E+04	- 2.9862 E+04	1.7271 E+05	6.2694 E-01	- 3.9298 E+02	1.6490 E+04	8.1420 E+01	- 1.4292 E+01	1.3978 E+03	8.4860 E-02	1.0333 E+04	1.5800 E+05	6.1271 E-01
4.8575 E+02	1.0595 E+03	7.0207 E+04	- 2.9862 E+04	1.6580 E+05	5.0404 E+00	- 3.9298 E+02	1.6056 E+04	7.2859 E+02	- 1.4292 E+01	1.3645 E+03	3.9818 E+00	1.0333 E+04	1.5082 E+05	2.5000 E+00
4.8575 E+02	1.0006 E+03	1.2293 E+05	- 2.9862 E+04	1.5889 E+05	3.3177 E+00	- 3.9298 E+02	1.5622 E+04	1.0781 E+03	- 1.4292 E+01	1.3312 E+03	1.3397 E+01	1.0333 E+04	1.4723 E+05	2.5000 E+00
4.8575 E+02	9.4174 E+02	1.2600 E+05	- 2.9862 E+04	1.5198 E+05	9.6010 E+01	- 3.9298 E+02	1.5188 E+04	1.1585 E+03	- 1.4292 E+01	1.2980 E+03	1.3844 E+01	1.0333 E+04	1.4363 E+05	1.5844 E+01
4.8575 E+02	8.8288 E+02	1.7258 E+05	- 2.9862 E+04	1.4508 E+05	9.9518 E+01	- 3.9298 E+02	1.4754 E+04	3.8680 E+03	- 1.4292 E+01	1.2647 E+03	1.0753 E+01	1.0333 E+04	1.4004 E+05	1.2552 E+01
4.8575 E+02	8.2402 E+02	1.7717 E+05	- 2.9862 E+04	1.3817 E+05	1.4265 E+01	- 3.9298 E+02	1.4320 E+04	5.6111 E+03	- 1.4292 E+01	1.2314 E+03	1.4803 E+01	1.0333 E+04	1.3645 E+05	1.6183 E+01
4.8575 E+02	7.6516 E+02	2.6349 E+05	- 2.9862 E+04	1.3126 E+05	2.2975 E+01	- 3.9298 E+02	1.3887 E+04	6.2642 E+03	- 1.4292 E+01	1.1981 E+03	7.7230 E+01	1.0333 E+04	1.3286 E+05	9.6089 E+00
4.8575 E+02	7.0631 E+02	2.7976 E+05	- 2.9862 E+04	1.2435 E+05	4.7364 E+02	- 3.9298 E+02	1.3453 E+04	1.8184 E+04	- 1.4292 E+01	1.1648 E+03	7.1275 E+01	1.0333 E+04	1.2927 E+05	1.9166 E+01
4.8575 E+02	6.4745 E+02	3.4988 E+05	- 2.9862 E+04	1.1744 E+05	4.9378 E+01	- 3.9298 E+02	1.3019 E+04	1.9732 E+04	- 1.4292 E+01	1.1315 E+03	4.0674 E+01	1.0333 E+04	1.2568 E+05	1.8698 E+02
4.8575 E+02	5.8859 E+02	4.4424 E+05	- 2.9862 E+04	1.1053 E+05	8.5805 E+02	- 3.9298 E+02	1.2585 E+04	2.0843 E+04	- 1.4292 E+01	1.0983 E+03	1.4083 E+02	1.0333 E+04	1.2209 E+05	4.4174 E+01
4.8575 E+02	5.2973 E+02	6.1780 E+05	- 2.9862 E+04	1.0363 E+05	1.8511 E+03	- 3.9298 E+02	1.2151 E+04	3.0240 E+04	- 1.4292 E+01	1.0650 E+03	1.9412 E+02	1.0333 E+04	1.1850 E+05	5.3619 E+02
4.8575 E+02	4.7087 E+02	8.2048 E+05	- 2.9862 E+04	9.6717 E+04	2.4926 E+03	- 3.9298 E+02	1.1717 E+04	4.1429 E+04	- 1.4292 E+01	1.0317 E+03	1.9513 E+02	1.0333 E+04	1.1491 E+05	5.5538 E+02
4.8575 E+02	4.1201 E+02	1.0545 E+06	- 2.9862 E+04	8.9809 E+04	4.9944 E+03	- 3.9298 E+02	1.1283 E+04	5.9030 E+04	- 1.4292 E+01	9.9843 E+02	3.2568 E+02	1.0333 E+04	1.1132 E+05	1.0767 E+02
4.8575 E+02	3.5315 E+02	1.7875 E+06	- 2.9862 E+04	8.2901 E+04	1.4611 E+04	- 3.9298 E+02	1.0849 E+04	4.1570 E+04	- 1.4292 E+01	9.6514 E+02	5.2659 E+02	1.0333 E+04	1.0773 E+05	2.2790 E+02
4.8575 E+02	2.9429 E+02	3.3357 E+06	- 2.9862 E+04	7.5992 E+04	1.4746 E+04	- 3.9298 E+02	1.0415 E+04	4.0775 E+04	- 1.4292 E+01	9.3186 E+02	1.0145 E+03	1.0333 E+04	1.0414 E+05	4.2461 E+02

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.8575 E+02	2.3544 E+02	4.0389 E+06	- 2.9862 E+04	6.9084 E+04	4.4441 E+04	- 3.9298 E+02	9.9809 E+03	4.8562 E+04	- 1.4292 E+01	8.9858 E+02	3.5844 E+03	1.0333 E+04	1.0054 E+05	2.0500 E+02
4.8575 E+02	1.7658 E+02	5.5261 E+06	- 2.9862 E+04	6.2175 E+04	6.9002 E+04	- 3.9298 E+02	9.5470 E+03	7.2055 E+04	- 1.4292 E+01	8.6530 E+02	5.1039 E+03	1.0333 E+04	9.6953 E+04	5.7003 E+02
4.8575 E+02	1.1772 E+02	8.4268 E+06	- 2.9862 E+04	5.5267 E+04	1.1672 E+05	- 3.9298 E+02	9.1130 E+03	9.0541 E+04	- 1.4292 E+01	8.3202 E+02	7.4186 E+03	1.0333 E+04	9.3362 E+04	1.7237 E+03
4.8575 E+02	5.8859 E+01	2.3641 E+07	- 2.9862 E+04	4.8359 E+04	2.2898 E+05	- 3.9298 E+02	8.6791 E+03	9.8543 E+04	- 1.4292 E+01	7.9874 E+02	1.1700 E+04	1.0333 E+04	8.9772 E+04	1.7380 E+03
4.8575 E+02	0.0000 E+00	3.5366 E+07	- 2.9862 E+04	4.1450 E+04	4.3030 E+05	- 3.9298 E+02	8.2451 E+03	1.2993 E+05	- 1.4292 E+01	7.6546 E+02	1.7068 E+04	1.0333 E+04	8.6181 E+04	1.9840 E+03
4.1919 E+02	2.7075 E+03	2.0634 E+01	- 2.9862 E+04	3.4542 E+04	8.1430 E+05	- 3.9298 E+02	7.8112 E+03	1.4565 E+05	- 1.4292 E+01	7.3218 E+02	2.0553 E+04	1.0333 E+04	8.2590 E+04	4.3824 E+03
4.1919 E+02	2.6486 E+03	2.2963 E+01	- 2.9862 E+04	2.7634 E+04	1.7857 E+06	- 3.9298 E+02	7.3772 E+03	1.5184 E+05	- 1.4292 E+01	6.9890 E+02	2.4187 E+04	1.0333 E+04	7.8999 E+04	6.3934 E+03
4.1919 E+02	2.5898 E+03	2.7596 E+00	- 2.9862 E+04	2.0725 E+04	3.4024 E+06	- 3.9298 E+02	6.9433 E+03	2.8756 E+05	- 1.4292 E+01	6.6562 E+02	3.4686 E+04	1.0333 E+04	7.5408 E+04	6.3353 E+03
4.1919 E+02	2.5309 E+03	3.2056 E+01	- 2.9862 E+04	1.3817 E+04	5.2240 E+06	- 3.9298 E+02	6.5093 E+03	3.9806 E+05	- 1.4292 E+01	6.3234 E+02	4.1304 E+04	1.0333 E+04	7.1817 E+04	1.9554 E+04
4.1919 E+02	2.4721 E+03	3.0691 E+01	- 2.9862 E+04	6.9084 E+03	1.0029 E+07	- 3.9298 E+02	6.0753 E+03	5.2102 E+05	- 1.4292 E+01	5.9906 E+02	7.0537 E+04	1.0333 E+04	6.8226 E+04	2.3378 E+04
4.1919 E+02	2.4132 E+03	4.5390 E+01	- 2.9862 E+04	0.0000 E+00	1.4329 E+07	- 3.9298 E+02	5.6414 E+03	6.3396 E+05	- 1.4292 E+01	5.6577 E+02	1.2141 E+05	1.0333 E+04	6.4636 E+04	3.8921 E+04
4.1919 E+02	2.3544 E+03	3.6334 E+01	- 3.7231 E+04	3.2469 E+05	5.2085 E+00	- 3.9298 E+02	5.2074 E+03	9.1588 E+05	- 1.4292 E+01	5.3249 E+02	1.8020 E+05	1.0333 E+04	6.1045 E+04	5.5587 E+04
4.1919 E+02	2.2955 E+03	4.4384 E+01	- 3.7231 E+04	3.0397 E+05	3.0985 E+00	- 3.9298 E+02	4.7735 E+03	1.0799 E+06	- 1.4292 E+01	4.9921 E+02	2.3167 E+05	1.0333 E+04	5.7454 E+04	9.8604 E+04
4.1919 E+02	2.2366 E+03	2.2343 E+01	- 3.7231 E+04	2.9706 E+05	3.0985 E+00	- 3.9298 E+02	4.3395 E+03	1.5057 E+06	- 1.4292 E+01	4.6593 E+02	3.8863 E+05	1.0333 E+04	5.3863 E+04	1.1440 E+05
4.1919 E+02	2.1778 E+03	1.4089 E+02	- 3.7231 E+04	2.9015 E+05	9.2542 E+00	- 3.9298 E+02	3.9056 E+03	2.1719 E+06	- 1.4292 E+01	4.3265 E+02	6.3936 E+05	1.0333 E+04	5.0272 E+04	2.0271 E+05
4.1919 E+02	2.1189 E+03	4.0599 E+02	- 3.7231 E+04	2.8324 E+05	5.2500 E+00	- 3.9298 E+02	3.4716 E+03	2.7496 E+06	- 1.4292 E+01	3.9937 E+02	9.9559 E+05	1.0333 E+04	4.6681 E+04	2.9763 E+05
4.1919 E+02	2.0601 E+03	9.5845 E+02	- 3.7231 E+04	2.7634 E+05	3.5000 E+00	- 3.9298 E+02	3.0377 E+03	3.2677 E+06	- 1.4292 E+01	3.6609 E+02	1.5305 E+06	1.0333 E+04	4.3090 E+04	3.7197 E+05
4.1919 E+02	2.0012 E+03	5.3645 E+02	- 3.7231 E+04	2.6252 E+05	3.5000 E+00	- 3.9298 E+02	2.6037 E+03	4.6667 E+06	- 1.4292 E+01	3.3281 E+02	2.2352 E+06	1.0333 E+04	3.9499 E+04	5.5479 E+05

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.1919 E+02	1.9423 E+03	9.3716 E+02	- 3.7231 E+04	2.5561 E+05	3.0404 E+00	- 3.9298 E+02	2.1698 E+03	5.1212 E+06	- 1.4292 E+01	2.9953 E+02	3.5515 E+06	1.0333 E+04	3.5909 E+04	8.3532 E+05
4.1919 E+02	1.8835 E+03	1.5480 E+03	- 3.7231 E+04	2.4870 E+05	4.1250 E+00	- 3.9298 E+02	1.7358 E+03	5.3909 E+06	- 1.4292 E+01	2.6625 E+02	5.7560 E+06	1.0333 E+04	3.2318 E+04	1.2912 E+06
4.1919 E+02	1.8246 E+03	9.1037 E+02	- 3.7231 E+04	2.4179 E+05	1.7500 E+00	- 3.9298 E+02	1.3019 E+03	5.8627 E+06	- 1.4292 E+01	2.3297 E+02	8.8516 E+06	1.0333 E+04	2.8727 E+04	1.8118 E+06
4.1919 E+02	1.7658 E+03	3.2284 E+03	- 3.7231 E+04	2.3488 E+05	1.1382 E+01	- 3.9298 E+02	8.6791 E+02	7.6396 E+06	- 1.4292 E+01	1.9969 E+02	1.3735 E+07	1.0333 E+04	2.5136 E+04	2.9768 E+06
4.1919 E+02	1.7069 E+03	2.6233 E+03	- 3.7231 E+04	2.2798 E+05	8.7489 E+00	- 3.9298 E+02	4.3395 E+02	1.9105 E+07	- 1.4292 E+01	1.6640 E+02	2.0065 E+07	1.0333 E+04	2.1545 E+04	4.4735 E+06
4.1919 E+02	1.6480 E+03	4.0087 E+03	- 3.7231 E+04	2.2107 E+05	2.3750 E+00	- 3.9298 E+02	0.0000 E+00	4.2135 E+07	- 1.4292 E+01	1.3312 E+02	2.7279 E+07	1.0333 E+04	1.7954 E+04	7.2033 E+06
4.1919 E+02	1.5892 E+03	5.7377 E+03	- 3.7231 E+04	2.1416 E+05	1.3357 E+01	- 9.5594 E+02	2.0396 E+04	4.0417 E-02	- 1.4292 E+01	9.9843 E+01	3.4648 E+07	1.0333 E+04	1.4363 E+04	1.0612 E+07
4.1919 E+02	1.5303 E+03	2.6146 E+03	- 3.7231 E+04	2.0725 E+05	7.1655 E-01	- 9.5594 E+02	1.9962 E+04	4.9539 E+01	- 1.4292 E+01	6.6562 E+01	4.2884 E+07	1.0333 E+04	1.0773 E+04	1.3438 E+07
4.1919 E+02	1.4715 E+03	4.6386 E+03	- 3.7231 E+04	2.0034 E+05	5.2085 E+00	- 9.5594 E+02	1.9094 E+04	4.4636 E+00	- 1.4292 E+01	3.3281 E+01	9.7160 E+07	1.0333 E+04	7.1817 E+03	1.4933 E+07
4.1919 E+02	1.4126 E+03	6.8055 E+03	- 3.7231 E+04	1.9343 E+05	1.9154 E+00	- 9.5594 E+02	1.8660 E+04	1.0753 E+01	- 1.4292 E+01	0.0000 E+00	2.2749 E+08	1.0333 E+04	3.5909 E+03	1.4229 E+07
4.1919 E+02	1.3538 E+03	7.3624 E+03	- 3.7231 E+04	1.8653 E+05	1.4682 E+00	- 9.5594 E+02	1.8226 E+04	5.4395 E+01	- 4.7573 E+01	1.3978 E+03	2.2318 E+00	1.0333 E+04	0.0000 E+00	6.0052 E+07
4.1919 E+02	1.2949 E+03	1.0855 E+04	- 3.7231 E+04	1.7962 E+05	3.0507 E+01	- 9.5594 E+02	1.7792 E+04	7.0068 E+00	- 4.7573 E+01	1.3312 E+03	8.5215 E+00	6.3424 E+03	1.7954 E+05	2.0154 E+00
4.1919 E+02	1.2360 E+03	1.1550 E+04	- 3.7231 E+04	1.7271 E+05	3.2401 E-01	- 9.5594 E+02	1.7358 E+04	4.1004 E+01	- 4.7573 E+01	1.2980 E+03	1.2528 E-01	6.3424 E+03	1.6159 E+05	1.2092 E-02
4.1919 E+02	1.1772 E+03	2.1536 E+04	- 3.7231 E+04	1.6580 E+05	8.5877 E+01	- 9.5594 E+02	1.6924 E+04	2.1996 E+02	- 4.7573 E+01	1.2647 E+03	7.3204 E+00	6.3424 E+03	1.5800 E+05	5.2785 E-01
4.1919 E+02	1.1183 E+03	1.5916 E+04	- 3.7231 E+04	1.5889 E+05	8.4462 E+01	- 9.5594 E+02	1.6490 E+04	7.0565 E+02	- 4.7573 E+01	1.2314 E+03	5.9029 E+00	6.3424 E+03	1.5441 E+05	1.2092 E-02
4.1919 E+02	1.0595 E+03	2.6882 E+04	- 3.7231 E+04	1.5198 E+05	9.5755 E+00	- 9.5594 E+02	1.6056 E+04	2.9205 E+02	- 4.7573 E+01	1.1981 E+03	2.4772 E+01	6.3424 E+03	1.5082 E+05	7.0993 E+00
4.1919 E+02	1.0006 E+03	2.1581 E+04	- 3.7231 E+04	1.4508 E+05	9.0869 E+00	- 9.5594 E+02	1.5622 E+04	2.2906 E+03	- 4.7573 E+01	1.1648 E+03	2.0712 E+01	6.3424 E+03	1.4723 E+05	3.6265 E+00
4.1919 E+02	9.4174 E+02	4.0773 E+04	- 3.7231 E+04	1.3817 E+05	1.7292 E+02	- 9.5594 E+02	1.5188 E+04	2.6983 E+03	- 4.7573 E+01	1.1315 E+03	6.2572 E+01	6.3424 E+03	1.4363 E+05	2.7199 E+00

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.1919 E+02	8.8288 E+02	5.5522 E+04	- 3.7231 E+04	1.3126 E+05	7.9128 E+00	- 9.5594 E+02	1.4754 E+04	3.3026 E+03	- 4.7573 E+01	1.0983 E+03	5.8348 E+01	6.3424 E+03	1.4004 E+05	2.7079 E+00
4.1919 E+02	8.2402 E+02	4.4593 E+04	- 3.7231 E+04	1.2435 E+05	1.1620 E+02	- 9.5594 E+02	1.4320 E+04	3.0202 E+03	- 4.7573 E+01	1.0650 E+03	5.0528 E+01	6.3424 E+03	1.3645 E+05	7.2706 E+00
4.1919 E+02	7.6516 E+02	8.4757 E+04	- 3.7231 E+04	1.1744 E+05	1.3464 E+03	- 9.5594 E+02	1.3887 E+04	6.2857 E+03	- 4.7573 E+01	1.0317 E+03	1.6899 E+01	6.3424 E+03	1.3286 E+05	2.7218 E+01
4.1919 E+02	7.0631 E+02	9.8007 E+04	- 3.7231 E+04	1.1053 E+05	1.0012 E+03	- 9.5594 E+02	1.3453 E+04	1.8588 E+04	- 4.7573 E+01	9.9843 E+02	1.3814 E+02	6.3424 E+03	1.2927 E+05	9.7652 E+00
4.1919 E+02	6.4745 E+02	1.2360 E+05	- 3.7231 E+04	1.0363 E+05	1.0384 E+03	- 9.5594 E+02	1.3019 E+04	2.1793 E+04	- 4.7573 E+01	9.6514 E+02	1.6637 E+02	6.3424 E+03	1.2568 E+05	1.1349 E+01
4.1919 E+02	5.8859 E+02	2.0559 E+05	- 3.7231 E+04	9.6717 E+04	7.7917 E+03	- 9.5594 E+02	1.2585 E+04	4.0099 E+04	- 4.7573 E+01	9.3186 E+02	1.2687 E+02	6.3424 E+03	1.2209 E+05	4.8258 E+01
4.1919 E+02	5.2973 E+02	2.7344 E+05	- 3.7231 E+04	8.9809 E+04	2.7650 E+03	- 9.5594 E+02	1.2151 E+04	4.0831 E+04	- 4.7573 E+01	8.9858 E+02	1.4397 E+02	6.3424 E+03	1.1850 E+05	3.7681 E+01
4.1919 E+02	4.7087 E+02	4.7341 E+05	- 3.7231 E+04	8.2901 E+04	8.0007 E+03	- 9.5594 E+02	1.1717 E+04	4.6092 E+04	- 4.7573 E+01	8.6530 E+02	5.8823 E+02	6.3424 E+03	1.1491 E+05	9.7998 E+01
4.1919 E+02	4.1201 E+02	9.4068 E+05	- 3.7231 E+04	7.5992 E+04	1.6025 E+04	- 9.5594 E+02	1.1283 E+04	8.2834 E+04	- 4.7573 E+01	8.3202 E+02	1.8903 E+02	6.3424 E+03	1.1132 E+05	1.8178 E+02
4.1919 E+02	3.5315 E+02	1.5290 E+06	- 3.7231 E+04	6.9084 E+04	3.2623 E+04	- 9.5594 E+02	1.0849 E+04	8.6839 E+04	- 4.7573 E+01	7.9874 E+02	7.8480 E+02	6.3424 E+03	1.0773 E+05	2.4358 E+02
4.1919 E+02	2.9429 E+02	2.7984 E+06	- 3.7231 E+04	6.2175 E+04	3.7982 E+04	- 9.5594 E+02	1.0415 E+04	8.1348 E+04	- 4.7573 E+01	7.6546 E+02	5.2758 E+02	6.3424 E+03	1.0414 E+05	1.2852 E+02
4.1919 E+02	2.3544 E+02	4.1183 E+06	- 3.7231 E+04	5.5267 E+04	8.4720 E+04	- 9.5594 E+02	9.9809 E+03	1.6414 E+05	- 4.7573 E+01	7.3218 E+02	1.6181 E+03	6.3424 E+03	1.0054 E+05	1.9065 E+02
4.1919 E+02	1.7658 E+02	5.1970 E+06	- 3.7231 E+04	4.8359 E+04	1.9436 E+05	- 9.5594 E+02	9.5470 E+03	9.7485 E+04	- 4.7573 E+01	6.9890 E+02	3.2736 E+03	6.3424 E+03	9.6953 E+04	6.2902 E+02
4.1919 E+02	1.1772 E+02	7.1776 E+06	- 3.7231 E+04	4.1450 E+04	4.1788 E+05	- 9.5594 E+02	9.1130 E+03	6.2672 E+04	- 4.7573 E+01	6.6562 E+02	2.5599 E+03	6.3424 E+03	9.3362 E+04	3.9809 E+02
4.1919 E+02	5.8859 E+01	1.9904 E+07	- 3.7231 E+04	3.4542 E+04	9.0264 E+05	- 9.5594 E+02	8.6791 E+03	1.3695 E+05	- 4.7573 E+01	6.3234 E+02	5.0198 E+03	6.3424 E+03	8.9772 E+04	1.4389 E+02
4.1919 E+02	0.0000 E+00	3.4926 E+07	- 3.7231 E+04	2.7634 E+04	1.8074 E+06	- 9.5594 E+02	8.2451 E+03	1.4975 E+05	- 4.7573 E+01	5.9906 E+02	1.3326 E+04	6.3424 E+03	8.6181 E+04	5.6665 E+02
3.5262 E+02	2.6486 E+03	1.3485 E+00	- 3.7231 E+04	2.0725 E+04	3.2512 E+06	- 9.5594 E+02	7.8112 E+03	1.9489 E+05	- 4.7573 E+01	5.6577 E+02	7.9136 E+03	6.3424 E+03	8.2590 E+04	4.0102 E+02
3.5262 E+02	2.5898 E+03	1.3485 E+00	- 3.7231 E+04	1.3817 E+04	5.1258 E+06	- 9.5594 E+02	7.3772 E+03	2.3584 E+05	- 4.7573 E+01	5.3249 E+02	1.2971 E+04	6.3424 E+03	7.8999 E+04	6.1164 E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.5262 E+02	2.5309 E+03	2.5645 E+00	- 3.7231 E+04	6.9084 E+03	9.2871 E+06	- 9.5594 E+02	6.9433 E+03	3.5047 E+05	- 4.7573 E+01	4.9921 E+02	1.4147 E+04	6.3424 E+03	7.5408 E+04	2.0545 E+03
3.5262 E+02	2.4721 E+03	8.9739 E+00	- 3.7231 E+04	0.0000 E+00	1.4926 E+07	- 9.5594 E+02	6.5093 E+03	3.5909 E+05	- 4.7573 E+01	4.6593 E+02	3.8572 E+04	6.3424 E+03	7.1817 E+04	4.0110 E+03
3.5262 E+02	2.4132 E+03	5.2318 E+00	- 4.4599 E+04	3.2469 E+05	2.6971 E+00	- 9.5594 E+02	6.0753 E+03	4.9264 E+05	- 4.7573 E+01	4.3265 E+02	3.2585 E+04	6.3424 E+03	6.8226 E+04	6.7867 E+03
3.5262 E+02	2.3544 E+03	1.7556 E+01	- 4.4599 E+04	3.1088 E+05	1.3485 E+00	- 9.5594 E+02	5.6414 E+03	6.9523 E+05	- 4.7573 E+01	3.9937 E+02	5.9021 E+04	6.3424 E+03	6.4636 E+04	2.2082 E+04
3.5262 E+02	2.2955 E+03	3.4917 E+01	- 4.4599 E+04	3.0397 E+05	6.5570 E+00	- 9.5594 E+02	5.2074 E+03	8.7271 E+05	- 4.7573 E+01	3.6609 E+02	9.4874 E+04	6.3424 E+03	6.1045 E+04	2.3718 E+04
3.5262 E+02	2.2366 E+03	8.5825 E+01	- 4.4599 E+04	2.9706 E+05	1.7500 E+00	- 9.5594 E+02	4.7735 E+03	1.1169 E+06	- 4.7573 E+01	3.3281 E+02	1.3330 E+05	6.3424 E+03	5.7454 E+04	4.2962 E+04
3.5262 E+02	2.1778 E+03	1.0747 E+03	- 4.4599 E+04	2.9015 E+05	6.1971 E+00	- 9.5594 E+02	4.3395 E+03	1.3467 E+06	- 4.7573 E+01	2.9953 E+02	1.9818 E+05	6.3424 E+03	5.3863 E+04	5.0764 E+04
3.5262 E+02	2.1189 E+03	9.9954 E+01	- 4.4599 E+04	2.8324 E+05	3.5000 E+00	- 9.5594 E+02	3.9056 E+03	1.9542 E+06	- 4.7573 E+01	2.6625 E+02	2.6684 E+05	6.3424 E+03	5.0272 E+04	1.0217 E+05
3.5262 E+02	2.0601 E+03	3.7204 E+01	- 4.4599 E+04	2.7634 E+05	6.2375 E+00	- 9.5594 E+02	3.4716 E+03	2.6760 E+06	- 4.7573 E+01	2.3297 E+02	3.4877 E+05	6.3424 E+03	4.6681 E+04	1.3524 E+05
3.5262 E+02	2.0012 E+03	1.4864 E+02	- 4.4599 E+04	2.6943 E+05	1.0099 E+01	- 9.5594 E+02	3.0377 E+03	3.1329 E+06	- 4.7573 E+01	1.9969 E+02	4.0093 E+05	6.3424 E+03	4.3090 E+04	1.8729 E+05
3.5262 E+02	1.9423 E+03	8.2344 E+02	- 4.4599 E+04	2.6252 E+05	6.5985 E+00	- 9.5594 E+02	2.6037 E+03	3.7404 E+06	- 4.7573 E+01	1.6640 E+02	5.5290 E+05	6.3424 E+03	3.9499 E+04	4.2291 E+05
3.5262 E+02	1.8835 E+03	1.6071 E+02	- 4.4599 E+04	2.5561 E+05	3.5404 E+00	- 9.5594 E+02	2.1698 E+03	3.9011 E+06	- 4.7573 E+01	1.3312 E+02	6.2084 E+05	6.3424 E+03	3.5909 E+04	5.0170 E+05
3.5262 E+02	1.8246 E+03	7.8970 E+01	- 4.4599 E+04	2.4870 E+05	5.2500 E+00	- 9.5594 E+02	1.7358 E+03	4.3168 E+06	- 4.7573 E+01	9.9843 E+01	7.9079 E+05	6.3424 E+03	3.2318 E+04	8.3186 E+05
3.5262 E+02	1.7658 E+03	2.4065 E+02	- 4.4599 E+04	2.3488 E+05	3.0404 E+00	- 9.5594 E+02	1.3019 E+03	4.2398 E+06	- 4.7573 E+01	6.6562 E+01	3.3399 E+06	6.3424 E+03	2.8727 E+04	1.5497 E+06
3.5262 E+02	1.7069 E+03	3.8102 E+02	- 4.4599 E+04	2.2107 E+05	2.4154 E+00	- 9.5594 E+02	8.6791 E+02	6.2026 E+06	- 4.7573 E+01	3.3281 E+01	2.4682 E+07	6.3424 E+03	2.5136 E+04	2.8227 E+06
3.5262 E+02	1.6480 E+03	1.8153 E+02	- 4.4599 E+04	2.1416 E+05	9.1547 E-02	- 9.5594 E+02	4.3395 E+02	1.5606 E+07	- 4.7573 E+01	0.0000 E+00	6.5158 E+07	6.3424 E+03	2.1545 E+04	4.3537 E+06
3.5262 E+02	1.5892 E+03	3.4249 E+02	- 4.4599 E+04	2.0725 E+05	6.6542 E-01	- 9.5594 E+02	0.0000 E+00	3.4295 E+07	- 8.0854 E+01	1.2980 E+03	1.0896 E+01	6.3424 E+03	1.7954 E+04	7.9685 E+06
3.5262 E+02	1.5303 E+03	6.5536 E+02	- 4.4599 E+04	2.0034 E+05	1.2654 E+00	- 1.5189 E+03	1.9962 E+04	5.2785 E-01	- 8.0854 E+01	1.2647 E+03	8.5215 E+00	6.3424 E+03	1.4363 E+04	1.2268 E+07

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.5262 E+02	1.4715 E+03	1.6829 E+03	- 4.4599 E+04	1.9343 E+05	1.0324 E+01	- 1.5189 E+03	1.9528 E+04	1.0753 E+01	- 8.0854 E+01	1.2314 E+03	2.1025 E+01	6.3424 E+03	1.0773 E+04	1.7108 E+07
3.5262 E+02	1.4126 E+03	1.2698 E+03	- 4.4599 E+04	1.8653 E+05	6.7751 E-01	- 1.5189 E+03	1.9094 E+04	3.2875 E+00	- 8.0854 E+01	1.1981 E+03	6.2500 E-01	6.3424 E+03	7.1817 E+03	1.9478 E+07
3.5262 E+02	1.3538 E+03	3.6682 E+03	- 4.4599 E+04	1.7962 E+05	3.6187 E+00	- 1.5189 E+03	1.8660 E+04	4.0307 E+00	- 8.0854 E+01	1.1315 E+03	1.7500 E+00	6.3424 E+03	3.5909 E+03	1.9849 E+07
3.5262 E+02	1.2949 E+03	1.8559 E+03	- 4.4599 E+04	1.7271 E+05	4.8807 E+00	- 1.5189 E+03	1.8226 E+04	1.7151 E+01	- 8.0854 E+01	1.0983 E+03	5.8433 E+00	6.3424 E+03	0.0000 E+00	8.0390 E+07
3.5262 E+02	1.2360 E+03	2.7075 E+03	- 4.4599 E+04	1.6580 E+05	3.8892 E+00	- 1.5189 E+03	1.7792 E+04	2.0160 E+01	- 8.0854 E+01	1.0650 E+03	4.4338 E+01	2.3515 E+03	1.6518 E+05	2.0154 E+00
3.5262 E+02	1.1772 E+03	7.3351 E+03	- 4.4599 E+04	1.5889 E+05	2.3541 E+01	- 1.5189 E+03	1.7358 E+04	2.3752 E+02	- 8.0854 E+01	1.0317 E+03	1.7904 E+00	2.3515 E+03	1.5800 E+05	5.0849 E+00
3.5262 E+02	1.1183 E+03	6.1686 E+03	- 4.4599 E+04	1.5198 E+05	9.7502 E+01	- 1.5189 E+03	1.6924 E+04	6.0376 E+01	- 8.0854 E+01	9.6514 E+02	6.2811 E+00	2.3515 E+03	1.5441 E+05	2.5000 E+00
3.5262 E+02	1.0595 E+03	6.9350 E+03	- 4.4599 E+04	1.4508 E+05	5.7261 E+01	- 1.5189 E+03	1.6490 E+04	1.5415 E+02	- 8.0854 E+01	9.3186 E+02	4.4330 E+01	2.3515 E+03	1.5082 E+05	8.4860 E-02
3.5262 E+02	1.0006 E+03	1.2517 E+04	- 4.4599 E+04	1.3817 E+05	1.8147 E+02	- 1.5189 E+03	1.6056 E+04	1.1033 E+03	- 8.0854 E+01	8.9858 E+02	3.3856 E+01	2.3515 E+03	1.4723 E+05	5.2785 E-01
3.5262 E+02	9.4174 E+02	1.2789 E+04	- 4.4599 E+04	1.3126 E+05	2.6360 E+02	- 1.5189 E+03	1.5622 E+04	1.1125 E+03	- 8.0854 E+01	8.6530 E+02	6.2898 E+01	2.3515 E+03	1.4363 E+05	2.5000 E+00
3.5262 E+02	8.8288 E+02	9.9004 E+03	- 4.4599 E+04	1.2435 E+05	3.5667 E+01	- 1.5189 E+03	1.5188 E+04	3.5865 E+03	- 8.0854 E+01	8.3202 E+02	1.0685 E+01	2.3515 E+03	1.4004 E+05	5.0833 E+00
3.5262 E+02	8.2402 E+02	1.4566 E+04	- 4.4599 E+04	1.1744 E+05	4.4771 E+02	- 1.5189 E+03	1.4754 E+04	2.1341 E+03	- 8.0854 E+01	7.9874 E+02	3.5561 E+01	2.3515 E+03	1.3645 E+05	8.8404 E+01
3.5262 E+02	7.6516 E+02	3.1367 E+04	- 4.4599 E+04	1.1053 E+05	3.2369 E+03	- 1.5189 E+03	1.4320 E+04	5.5295 E+03	- 8.0854 E+01	7.6546 E+02	5.8605 E+01	2.3515 E+03	1.3286 E+05	1.0250 E+01
3.5262 E+02	7.0631 E+02	4.6663 E+04	- 4.4599 E+04	1.0363 E+05	8.4478 E+02	- 1.5189 E+03	1.3887 E+04	9.8445 E+03	- 8.0854 E+01	7.3218 E+02	7.6121 E+01	2.3515 E+03	1.2927 E+05	6.7318 E+01
3.5262 E+02	6.4745 E+02	5.6401 E+04	- 4.4599 E+04	9.6717 E+04	3.3475 E+03	- 1.5189 E+03	1.3453 E+04	8.3914 E+03	- 8.0854 E+01	6.9890 E+02	1.5735 E+02	2.3515 E+03	1.2568 E+05	2.6347 E+01
3.5262 E+02	5.8859 E+02	8.2200 E+04	- 4.4599 E+04	8.9809 E+04	2.4682 E+03	- 1.5189 E+03	1.3019 E+04	8.9631 E+03	- 8.0854 E+01	6.6562 E+02	1.2935 E+03	2.3515 E+03	1.2209 E+05	2.8936 E+01
3.5262 E+02	5.2973 E+02	2.3161 E+05	- 4.4599 E+04	8.2901 E+04	3.4579 E+03	- 1.5189 E+03	1.2585 E+04	9.5611 E+03	- 8.0854 E+01	6.3234 E+02	1.0315 E+02	2.3515 E+03	1.1850 E+05	2.3497 E+01
3.5262 E+02	4.7087 E+02	4.2540 E+05	- 4.4599 E+04	7.5992 E+04	7.5332 E+03	- 1.5189 E+03	1.2151 E+04	1.3628 E+04	- 8.0854 E+01	5.9906 E+02	6.9215 E+02	2.3515 E+03	1.1491 E+05	1.2891 E+01

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&SRIE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.5262 E+02	4.1201 E+02	7.9771 E+05	- 4.4599 E+04	6.9084 E+04	1.3178 E+04	- 1.5189 E+03	1.1717 E+04	2.1883 E+04	- 8.0854 E+01	5.6577 E+02	3.6305 E+02	2.3515 E+03	1.1132 E+05	1.9682 E+01
3.5262 E+02	3.5315 E+02	1.4100 E+06	- 4.4599 E+04	6.2175 E+04	3.6778 E+04	- 1.5189 E+03	1.1283 E+04	2.6953 E+04	- 8.0854 E+01	5.3249 E+02	1.3263 E+03	2.3515 E+03	1.0773 E+05	1.3801 E+01
3.5262 E+02	2.9429 E+02	2.6552 E+06	- 4.4599 E+04	5.5267 E+04	4.4314 E+04	- 1.5189 E+03	1.0849 E+04	3.9715 E+04	- 8.0854 E+01	4.9921 E+02	8.6487 E+02	2.3515 E+03	1.0414 E+05	1.7017 E+01
3.5262 E+02	2.3544 E+02	4.3751 E+06	- 4.4599 E+04	4.8359 E+04	1.0700 E+05	- 1.5189 E+03	1.0415 E+04	5.1264 E+04	- 8.0854 E+01	4.6593 E+02	5.7426 E+03	2.3515 E+03	1.0054 E+05	1.4041 E+02
3.5262 E+02	1.7658 E+02	5.7596 E+06	- 4.4599 E+04	4.1450 E+04	2.8433 E+05	- 1.5189 E+03	9.9809 E+03	8.7481 E+04	- 8.0854 E+01	4.3265 E+02	5.6687 E+03	2.3515 E+03	9.6953 E+04	4.6469 E+02
3.5262 E+02	1.1772 E+02	7.7425 E+06	- 4.4599 E+04	3.4542 E+04	5.3347 E+05	- 1.5189 E+03	9.5470 E+03	1.2194 E+05	- 8.0854 E+01	3.9937 E+02	8.7434 E+03	2.3515 E+03	9.3362 E+04	3.7766 E+02
3.5262 E+02	5.8859 E+01	1.6623 E+07	- 4.4599 E+04	2.7634 E+04	1.3135 E+06	- 1.5189 E+03	9.1130 E+03	1.6212 E+05	- 8.0854 E+01	3.6609 E+02	1.1411 E+04	2.3515 E+03	8.9772 E+04	9.8560 E+01
3.5262 E+02	0.0000 E+00	3.5661 E+07	- 4.4599 E+04	2.0725 E+04	2.2975 E+06	- 1.5189 E+03	8.6791 E+03	1.8431 E+05	- 8.0854 E+01	3.3281 E+02	1.8389 E+04	2.3515 E+03	8.6181 E+04	4.7861 E+02
2.8606 E+02	2.5898 E+03	5.1130 E-02	- 4.4599 E+04	1.3817 E+04	3.6929 E+06	- 1.5189 E+03	8.2451 E+03	2.1447 E+05	- 8.0854 E+01	2.9953 E+02	1.9229 E+04	2.3515 E+03	8.2590 E+04	2.1871 E+02
2.8606 E+02	2.5309 E+03	1.8938 E+01	- 4.4599 E+04	6.9084 E+03	7.0004 E+06	- 1.5189 E+03	7.8112 E+03	2.2732 E+05	- 8.0854 E+01	2.6625 E+02	3.6562 E+04	2.3515 E+03	7.8999 E+04	8.3685 E+02
2.8606 E+02	2.4721 E+03	7.0849 E+00	- 4.4599 E+04	0.0000 E+00	1.2058 E+07	- 1.5189 E+03	7.3772 E+03	2.9345 E+05	- 8.0854 E+01	2.3297 E+02	4.3150 E+04	2.3515 E+03	7.5408 E+04	5.0173 E+02
2.8606 E+02	2.4132 E+03	1.0271 E+01	- 5.1968 E+04	3.4542 E+05	1.3485 E+00	- 1.5189 E+03	6.9433 E+03	4.2449 E+05	- 8.0854 E+01	1.9969 E+02	4.5338 E+04	2.3515 E+03	7.1817 E+04	4.8445 E+03
2.8606 E+02	2.3544 E+03	2.6971 E+00	- 5.1968 E+04	2.8324 E+05	4.0457 E+00	- 1.5189 E+03	6.5093 E+03	4.0704 E+05	- 8.0854 E+01	1.6640 E+02	6.5747 E+04	2.3515 E+03	6.8226 E+04	4.8676 E+03
2.8606 E+02	2.2955 E+03	8.8349 E+00	- 5.1968 E+04	2.7634 E+05	4.4471 E+00	- 1.5189 E+03	6.0753 E+03	6.3633 E+05	- 8.0854 E+01	1.3312 E+02	8.3950 E+04	2.3515 E+03	6.4636 E+04	5.3679 E+03
2.8606 E+02	2.2366 E+03	2.1136 E+01	- 5.1968 E+04	2.6252 E+05	1.1807 E+01	- 1.5189 E+03	5.6414 E+03	9.7973 E+05	- 8.0854 E+01	9.9843 E+01	1.7319 E+05	2.3515 E+03	6.1045 E+04	1.6187 E+04
2.8606 E+02	2.1778 E+03	1.2524 E+01	- 5.1968 E+04	2.5561 E+05	1.0453 E+01	- 1.5189 E+03	5.2074 E+03	1.0333 E+06	- 8.0854 E+01	6.6562 E+01	9.1045 E+05	2.3515 E+03	5.7454 E+04	3.2177 E+04
2.8606 E+02	2.1189 E+03	3.9762 E+01	- 5.1968 E+04	2.4870 E+05	1.1441 E+01	- 1.5189 E+03	4.7735 E+03	1.3200 E+06	- 8.0854 E+01	3.3281 E+01	8.4395 E+06	2.3515 E+03	5.3863 E+04	2.8552 E+04
2.8606 E+02	2.0601 E+03	8.6416 E+00	- 5.1968 E+04	2.4179 E+05	6.3936 E+00	- 1.5189 E+03	4.3395 E+03	1.6597 E+06	- 8.0854 E+01	0.0000 E+00	2.1909 E+07	2.3515 E+03	5.0272 E+04	5.4930 E+04

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.8606 E+02	2.0012 E+03	4.5299 E+01	- 5.1968 E+04	2.3488 E+05	1.5341 E+01	- 1.5189 E+03	3.9056 E+03	2.0365 E+06	- 1.1413 E+02	1.2314 E+03	2.3750 E+00	2.3515 E+03	4.6681 E+04	5.6812 E+04
2.8606 E+02	1.9423 E+03	1.0050 E+02	- 5.1968 E+04	2.2798 E+05	3.5000 E+00	- 1.5189 E+03	3.4716 E+03	2.3832 E+06	- 1.1413 E+02	1.1981 E+03	1.7500 E+00	2.3515 E+03	4.3090 E+04	1.0754 E+05
2.8606 E+02	1.8835 E+03	2.8799 E+01	- 5.1968 E+04	2.2107 E+05	1.3152 E+01	- 1.5189 E+03	3.0377 E+03	2.5163 E+06	- 1.1413 E+02	1.0317 E+03	1.2904 E+00	2.3515 E+03	3.9499 E+04	1.6183 E+05
2.8606 E+02	1.8246 E+03	5.7405 E+01	- 5.1968 E+04	2.1416 E+05	3.0099 E+00	- 1.5189 E+03	2.6037 E+03	3.3222 E+06	- 1.1413 E+02	9.6514 E+02	1.8293 E+01	2.3515 E+03	3.5909 E+04	2.8909 E+05
2.8606 E+02	1.7658 E+03	1.1588 E+02	- 5.1968 E+04	2.0725 E+05	6.1236 E+00	- 1.5189 E+03	2.1698 E+03	3.4262 E+06	- 1.1413 E+02	9.3186 E+02	8.4943 E+00	2.3515 E+03	3.2318 E+04	6.7526 E+05
2.8606 E+02	1.7069 E+03	1.0342 E+02	- 5.1968 E+04	2.0034 E+05	8.2708 E-01	- 1.5189 E+03	1.7358 E+03	3.2181 E+06	- 1.1413 E+02	8.9858 E+02	3.5849 E+00	2.3515 E+03	2.8727 E+04	1.1755 E+06
2.8606 E+02	1.6480 E+03	1.8253 E+02	- 5.1968 E+04	1.9343 E+05	3.9308 E+00	- 1.5189 E+03	1.3019 E+03	3.4041 E+06	- 1.1413 E+02	8.6530 E+02	4.0300 E+01	2.3515 E+03	2.5136 E+04	2.2059 E+06
2.8606 E+02	1.5892 E+03	2.3010 E+02	- 5.1968 E+04	1.8653 E+05	1.0494 E+02	- 1.5189 E+03	8.6791 E+02	5.1552 E+06	- 1.1413 E+02	8.3202 E+02	3.5336 E+01	2.3515 E+03	2.1545 E+04	4.1463 E+06
2.8606 E+02	1.5303 E+03	3.3113 E+02	- 5.1968 E+04	1.7962 E+05	4.5815 E+00	- 1.5189 E+03	4.3395 E+02	1.3189 E+07	- 1.1413 E+02	7.9874 E+02	3.8614 E+00	2.3515 E+03	1.7954 E+04	7.4856 E+06
2.8606 E+02	1.4715 E+03	8.5942 E+01	- 5.1968 E+04	1.7271 E+05	2.0387 E+01	- 1.5189 E+03	0.0000 E+00	2.6745 E+07	- 1.1413 E+02	7.6546 E+02	2.4327 E+01	2.3515 E+03	1.4363 E+04	1.3379 E+07
2.8606 E+02	1.4126 E+03	8.1185 E+02	- 5.1968 E+04	1.6580 E+05	8.0635 E+00	- 2.0819 E+03	1.9962 E+04	2.5432 E+00	- 1.1413 E+02	7.3218 E+02	4.1095 E+00	2.3515 E+03	1.0773 E+04	2.2616 E+07
2.8606 E+02	1.3538 E+03	1.5917 E+02	- 5.1968 E+04	1.5889 E+05	1.0120 E+01	- 2.0819 E+03	1.9094 E+04	9.9078 E+01	- 1.1413 E+02	6.9890 E+02	2.6062 E+01	2.3515 E+03	7.1817 E+03	3.2767 E+07
2.8606 E+02	1.2949 E+03	7.2354 E+02	- 5.1968 E+04	1.5198 E+05	1.0674 E+02	- 2.0819 E+03	1.8226 E+04	7.6662 E+00	- 1.1413 E+02	6.6562 E+02	2.3257 E+01	2.3515 E+03	3.5909 E+03	3.8916 E+07
2.8606 E+02	1.2360 E+03	8.4708 E+02	- 5.1968 E+04	1.4508 E+05	3.6424 E+02	- 2.0819 E+03	1.7792 E+04	3.0060 E+02	- 1.1413 E+02	6.3234 E+02	1.0890 E+01	2.3515 E+03	0.0000 E+00	1.0026 E+08
2.8606 E+02	1.1772 E+03	1.5090 E+03	- 5.1968 E+04	1.3817 E+05	6.2487 E+02	- 2.0819 E+03	1.7358 E+04	8.5934 E+01	- 1.1413 E+02	5.9906 E+02	3.4252 E+01	- 1.6394 E+03	1.7236 E+05	2.5000 E+00
2.8606 E+02	1.1183 E+03	2.1767 E+03	- 5.1968 E+04	1.3126 E+05	3.0381 E+02	- 2.0819 E+03	1.6924 E+04	3.3164 E+01	- 1.1413 E+02	5.6577 E+02	2.4873 E+02	- 1.6394 E+03	1.5082 E+05	1.7128 E+01
2.8606 E+02	1.0595 E+03	2.1090 E+03	- 5.1968 E+04	1.2435 E+05	2.3046 E+03	- 2.0819 E+03	1.6490 E+04	2.2444 E+02	- 1.1413 E+02	5.3249 E+02	1.6652 E+02	- 1.6394 E+03	1.4723 E+05	2.2318 E+00
2.8606 E+02	1.0006 E+03	3.2958 E+03	- 5.1968 E+04	1.1744 E+05	1.3283 E+03	- 2.0819 E+03	1.6056 E+04	4.5995 E+02	- 1.1413 E+02	4.9921 E+02	2.3447 E+02	- 1.6394 E+03	1.4363 E+05	2.6374 E+00

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.8606 E+02	9.4174 E+02	3.2231 E+03	- 5.1968 E+04	1.1053 E+05	7.0623 E+02	- 2.0819 E+03	1.5622 E+04	4.9929 E+02	- 1.1413 E+02	4.6593 E+02	2.3357 E+02	- 1.6394 E+03	1.3645 E+05	5.2785 E-01
2.8606 E+02	8.8288 E+02	6.7728 E+03	- 5.1968 E+04	1.0363 E+05	1.3767 E+03	- 2.0819 E+03	1.5188 E+04	1.0973 E+03	- 1.1413 E+02	4.3265 E+02	8.5706 E+02	- 1.6394 E+03	1.2209 E+05	2.7198 E-01
2.8606 E+02	8.2402 E+02	9.8780 E+03	- 5.1968 E+04	9.6717 E+04	1.1301 E+03	- 2.0819 E+03	1.4754 E+04	2.2007 E+03	- 1.1413 E+02	3.9937 E+02	5.6017 E+02	- 1.6394 E+03	1.1850 E+05	5.4089 E+00
2.8606 E+02	7.6516 E+02	2.9627 E+04	- 5.1968 E+04	8.9809 E+04	3.4435 E+03	- 2.0819 E+03	1.4320 E+04	1.4385 E+03	- 1.1413 E+02	3.6609 E+02	3.1401 E+02	- 1.6394 E+03	1.1491 E+05	1.4360 E+01
2.8606 E+02	7.0631 E+02	4.6868 E+04	- 5.1968 E+04	8.2901 E+04	5.0470 E+03	- 2.0819 E+03	1.3887 E+04	1.5828 E+03	- 1.1413 E+02	3.3281 E+02	4.7161 E+02	- 1.6394 E+03	1.1132 E+05	1.3941 E+01
2.8606 E+02	6.4745 E+02	5.7404 E+04	- 5.1968 E+04	7.5992 E+04	1.8818 E+04	- 2.0819 E+03	1.3453 E+04	1.7513 E+03	- 1.1413 E+02	2.9953 E+02	2.5791 E+03	- 1.6394 E+03	1.0773 E+05	8.0308 E+00
2.8606 E+02	5.8859 E+02	1.2547 E+05	- 5.1968 E+04	6.9084 E+04	8.2768 E+03	- 2.0819 E+03	1.3019 E+04	1.5444 E+03	- 1.1413 E+02	2.6625 E+02	1.8985 E+03	- 1.6394 E+03	1.0414 E+05	1.4728 E+01
2.8606 E+02	5.2973 E+02	2.0659 E+05	- 5.1968 E+04	6.2175 E+04	2.4144 E+04	- 2.0819 E+03	1.2585 E+04	5.7788 E+03	- 1.1413 E+02	2.3297 E+02	1.7382 E+03	- 1.6394 E+03	1.0054 E+05	2.1210 E+01
2.8606 E+02	4.7087 E+02	4.2920 E+05	- 5.1968 E+04	5.5267 E+04	4.3002 E+04	- 2.0819 E+03	1.2151 E+04	9.3425 E+03	- 1.1413 E+02	1.9969 E+02	7.3300 E+03	- 1.6394 E+03	9.6953 E+04	2.1988 E+01
2.8606 E+02	4.1201 E+02	8.9001 E+05	- 5.1968 E+04	4.8359 E+04	7.3270 E+04	- 2.0819 E+03	1.1717 E+04	3.7177 E+03	- 1.1413 E+02	1.6640 E+02	1.0348 E+04	- 1.6394 E+03	9.3362 E+04	1.5198 E+02
2.8606 E+02	3.5315 E+02	1.5529 E+06	- 5.1968 E+04	4.1450 E+04	3.4908 E+05	- 2.0819 E+03	1.1283 E+04	1.5149 E+04	- 1.1413 E+02	1.3312 E+02	1.6558 E+04	- 1.6394 E+03	8.9772 E+04	3.6853 E+01
2.8606 E+02	2.9429 E+02	2.6341 E+06	- 5.1968 E+04	3.4542 E+04	5.5215 E+05	- 2.0819 E+03	1.0849 E+04	1.4207 E+04	- 1.1413 E+02	9.9843 E+01	4.8520 E+04	- 1.6394 E+03	8.6181 E+04	8.6415 E+01
2.8606 E+02	2.3544 E+02	4.0378 E+06	- 5.1968 E+04	2.7634 E+04	1.0843 E+06	- 2.0819 E+03	1.0415 E+04	2.4861 E+04	- 1.1413 E+02	6.6562 E+01	2.8656 E+05	- 1.6394 E+03	8.2590 E+04	1.9791 E+03
2.8606 E+02	1.7658 E+02	6.1832 E+06	- 5.1968 E+04	2.0725 E+04	1.9920 E+06	- 2.0819 E+03	9.9809 E+03	3.7778 E+04	- 1.1413 E+02	3.3281 E+01	2.6353 E+06	- 1.6394 E+03	7.8999 E+04	5.1936 E+03
2.8606 E+02	1.1772 E+02	8.3131 E+06	- 5.1968 E+04	1.3817 E+04	2.4890 E+06	- 2.0819 E+03	9.5470 E+03	7.8605 E+04	- 1.1413 E+02	0.0000 E+00	7.1340 E+06	- 1.6394 E+03	7.5408 E+04	6.2852 E+03
2.8606 E+02	5.8859 E+01	1.2705 E+07	- 5.1968 E+04	6.9084 E+03	4.9266 E+06	- 2.0819 E+03	9.1130 E+03	1.1675 E+05	- 1.4742 E+02	1.0650 E+03	1.0226 E-01	- 1.6394 E+03	7.1817 E+04	4.5624 E+03
2.8606 E+02	0.0000 E+00	3.9023 E+07	- 5.1968 E+04	0.0000 E+00	1.0803 E+07	- 2.0819 E+03	8.6791 E+03	1.5863 E+05	- 1.4742 E+02	1.0317 E+03	4.4636 E+00	- 1.6394 E+03	6.8226 E+04	5.2907 E+03
2.1949 E+02	2.9429 E+03	5.2085 E+00	- 5.9337 E+04	2.8324 E+05	1.3485 E+00	- 2.0819 E+03	8.2451 E+03	1.7374 E+05	- 1.4742 E+02	8.9858 E+02	4.5659 E+00	- 1.6394 E+03	6.4636 E+04	1.0410 E+04

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.1949 E+02	2.8252 E+03	1.7500 E+00	- 5.9337 E+04	2.7634 E+05	6.5570 E+00	- 2.0819 E+03	7.8112 E+03	2.5438 E+05	- 1.4742 E+02	7.9874 E+02	4.1250 E+00	- 1.6394 E+03	6.1045 E+04	1.0745 E+04
2.1949 E+02	2.6486 E+03	1.3485 E+00	- 5.9337 E+04	2.6943 E+05	9.2542 E+00	- 2.0819 E+03	7.3772 E+03	3.5595 E+05	- 1.4742 E+02	6.6562 E+02	1.2254 E+00	- 1.6394 E+03	5.7454 E+04	4.0863 E+04
2.1949 E+02	2.5898 E+03	1.7500 E+00	- 5.9337 E+04	2.6252 E+05	1.3114 E+01	- 2.0819 E+03	6.9433 E+03	4.4730 E+05	- 1.4742 E+02	6.3234 E+02	8.9857 E-01	- 1.6394 E+03	5.3863 E+04	2.6739 E+04
2.1949 E+02	2.5309 E+03	1.7500 E+00	- 5.9337 E+04	2.5561 E+05	1.4503 E+01	- 2.0819 E+03	6.5093 E+03	5.1613 E+05	- 1.4742 E+02	5.9906 E+02	4.7500 E+00	- 1.6394 E+03	5.0272 E+04	2.6779 E+04
2.1949 E+02	2.4721 E+03	3.0985 E+00	- 5.9337 E+04	2.4870 E+05	1.5625 E+01	- 2.0819 E+03	6.0753 E+03	6.5692 E+05	- 1.4742 E+02	5.6577 E+02	2.7012 E+01	- 1.6394 E+03	4.6681 E+04	4.5291 E+04
2.1949 E+02	2.4132 E+03	6.5570 E+00	- 5.9337 E+04	2.4179 E+05	4.6349 E+00	- 2.0819 E+03	5.6414 E+03	9.0756 E+05	- 1.4742 E+02	5.3249 E+02	7.3138 E+00	- 1.6394 E+03	4.3090 E+04	3.9592 E+04
2.1949 E+02	2.3544 E+03	6.5570 E+00	- 5.9337 E+04	2.3488 E+05	1.4980 E+01	- 2.0819 E+03	5.2074 E+03	1.0357 E+06	- 1.4742 E+02	4.9921 E+02	1.9222 E+00	- 1.6394 E+03	3.9499 E+04	1.1341 E+05
2.1949 E+02	2.2955 E+03	1.7500 E+00	- 5.9337 E+04	2.2798 E+05	1.1998 E+01	- 2.0819 E+03	4.7735 E+03	1.2863 E+06	- 1.4742 E+02	4.6593 E+02	1.7862 E+02	- 1.6394 E+03	3.5909 E+04	2.4228 E+05
2.1949 E+02	2.2366 E+03	1.4386 E+01	- 5.9337 E+04	2.2107 E+05	1.2574 E+01	- 2.0819 E+03	4.3395 E+03	1.7148 E+06	- 1.4742 E+02	4.3265 E+02	1.9389 E+02	- 1.6394 E+03	3.2318 E+04	4.0998 E+05
2.1949 E+02	2.1778 E+03	5.2661 E+00	- 5.9337 E+04	2.1416 E+05	1.7599 E+00	- 2.0819 E+03	3.9056 E+03	2.1771 E+06	- 1.4742 E+02	3.9937 E+02	1.2288 E+02	- 1.6394 E+03	2.8727 E+04	7.8130 E+05
2.1949 E+02	2.1189 E+03	2.2709 E+01	- 5.9337 E+04	2.0725 E+05	1.0184 E+01	- 2.0819 E+03	3.4716 E+03	2.3480 E+06	- 1.4742 E+02	3.6609 E+02	9.1498 E+01	- 1.6394 E+03	2.5136 E+04	1.7119 E+06
2.1949 E+02	2.0601 E+03	8.9320 E+00	- 5.9337 E+04	2.0034 E+05	2.0654 E+01	- 2.0819 E+03	3.0377 E+03	2.6471 E+06	- 1.4742 E+02	3.3281 E+02	7.0536 E+01	- 1.6394 E+03	2.1545 E+04	3.6673 E+06
2.1949 E+02	2.0012 E+03	2.7309 E+01	- 5.9337 E+04	1.9343 E+05	1.0438 E+02	- 2.0819 E+03	2.6037 E+03	2.7202 E+06	- 1.4742 E+02	2.9953 E+02	2.6558 E+02	- 1.6394 E+03	1.7954 E+04	7.2092 E+06
2.1949 E+02	1.9423 E+03	3.5900 E+01	- 5.9337 E+04	1.8653 E+05	1.1578 E+01	- 2.0819 E+03	2.1698 E+03	2.4637 E+06	- 1.4742 E+02	2.6625 E+02	5.3167 E+02	- 1.6394 E+03	1.4363 E+04	1.3866 E+07
2.1949 E+02	1.8835 E+03	2.5271 E+01	- 5.9337 E+04	1.7962 E+05	4.8441 E+00	- 2.0819 E+03	1.7358 E+03	2.2769 E+06	- 1.4742 E+02	2.3297 E+02	6.3491 E+02	- 1.6394 E+03	1.0773 E+04	2.2973 E+07
2.1949 E+02	1.8246 E+03	1.1777 E+01	- 5.9337 E+04	1.7271 E+05	1.6880 E+02	- 2.0819 E+03	1.3019 E+03	2.9169 E+06	- 1.4742 E+02	1.9969 E+02	1.2831 E+03	- 1.6394 E+03	7.1817 E+03	3.0620 E+07
2.1949 E+02	1.7658 E+03	2.1006 E+01	- 5.9337 E+04	1.6580 E+05	7.9536 E+00	- 2.0819 E+03	8.6791 E+02	4.4501 E+06	- 1.4742 E+02	1.6640 E+02	1.6816 E+03	- 1.6394 E+03	3.5909 E+03	3.2395 E+07
2.1949 E+02	1.7069 E+03	5.5834 E+00	- 5.9337 E+04	1.5889 E+05	2.1762 E+02	- 2.0819 E+03	4.3395 E+02	1.0592 E+07	- 1.4742 E+02	1.3312 E+02	4.3655 E+03	- 1.6394 E+03	0.0000 E+00	6.8003 E+07

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.1949 E+02	1.6480 E+03	2.3088 E+01	- 5.9337 E+04	1.5198 E+05	8.2738 E+01	- 2.0819 E+03	0.0000 E+00	2.1069 E+07	- 1.4742 E+02	9.9843 E+01	1.5732 E+04	- 5.6303 E+03	1.7954 E+05	2.5000 E+00
2.1949 E+02	1.5892 E+03	5.7656 E+01	- 5.9337 E+04	1.4508 E+05	2.2298 E+02	- 2.6448 E+03	2.0830 E+04	7.1485 E+00	- 1.4742 E+02	6.6562 E+01	1.1052 E+05	- 5.6303 E+03	1.7236 E+05	2.5000 E+00
2.1949 E+02	1.5303 E+03	6.4261 E+01	- 5.9337 E+04	1.3817 E+05	3.5906 E+02	- 2.6448 E+03	2.0396 E+04	4.0417 E-02	- 1.4742 E+02	3.3281 E+01	8.0816 E+05	- 5.6303 E+03	1.4363 E+05	2.2318 E+00
2.1949 E+02	1.4715 E+03	1.2581 E+02	- 5.9337 E+04	1.3126 E+05	2.9279 E+02	- 2.6448 E+03	1.9528 E+04	2.0634 E+01	- 1.4742 E+02	0.0000 E+00	2.6172 E+06	- 5.6303 E+03	1.4004 E+05	5.6827 E-01
2.1949 E+02	1.4126 E+03	2.8006 E+01	- 5.9337 E+04	1.2435 E+05	8.8933 E+02	- 2.6448 E+03	1.9094 E+04	4.9863 E+01	- 1.8070 E+02	8.6530 E+02	8.0833 E-02	- 5.6303 E+03	1.3286 E+05	1.9440 E-03
2.1949 E+02	1.3538 E+03	1.4879 E+02	- 5.9337 E+04	1.1744 E+05	9.5409 E+02	- 2.6448 E+03	1.8660 E+04	2.5432 E+00	- 1.8070 E+02	7.9874 E+02	4.4636 E+00	- 5.6303 E+03	1.2927 E+05	5.2979 E-01
2.1949 E+02	1.2949 E+03	2.5269 E+02	- 5.9337 E+04	1.1053 E+05	9.2045 E+02	- 2.6448 E+03	1.8226 E+04	9.1537 E+00	- 1.8070 E+02	7.3218 E+02	1.6972 E-01	- 5.6303 E+03	1.2568 E+05	1.0557 E+00
2.1949 E+02	1.2360 E+03	1.5180 E+02	- 5.9337 E+04	1.0363 E+05	1.7562 E+03	- 2.6448 E+03	1.7792 E+04	2.6685 E+00	- 1.8070 E+02	6.6562 E+02	1.0583 E+01	- 5.6303 E+03	1.2209 E+05	8.3420 E+01
2.1949 E+02	1.1772 E+03	1.1822 E+03	- 5.9337 E+04	9.6717 E+04	3.5284 E+03	- 2.6448 E+03	1.7358 E+04	1.0468 E+01	- 1.8070 E+02	5.9906 E+02	1.8293 E+01	- 5.6303 E+03	1.1850 E+05	2.7071 E+00
2.1949 E+02	1.1183 E+03	4.0093 E+02	- 5.9337 E+04	8.9809 E+04	6.1989 E+03	- 2.6448 E+03	1.6924 E+04	5.0078 E+00	- 1.8070 E+02	5.3249 E+02	4.7911 E+00	- 5.6303 E+03	1.1491 E+05	1.2500 E+00
2.1949 E+02	1.0595 E+03	1.8184 E+03	- 5.9337 E+04	8.2901 E+04	8.4353 E+03	- 2.6448 E+03	1.6490 E+04	2.7732 E+02	- 1.8070 E+02	4.9921 E+02	1.8371 E+01	- 5.6303 E+03	1.1132 E+05	8.1654 E+00
2.1949 E+02	1.0006 E+03	2.4762 E+03	- 5.9337 E+04	7.5992 E+04	8.2408 E+03	- 2.6448 E+03	1.6056 E+04	1.1107 E+02	- 1.8070 E+02	4.6593 E+02	6.2500 E+00	- 5.6303 E+03	1.0773 E+05	1.6417 E-01
2.1949 E+02	9.4174 E+02	9.7506 E+03	- 5.9337 E+04	6.9084 E+04	6.5390 E+03	- 2.6448 E+03	1.5622 E+04	1.2631 E+02	- 1.8070 E+02	4.3265 E+02	3.4606 E+01	- 5.6303 E+03	1.0414 E+05	1.1684 E+01
2.1949 E+02	8.8288 E+02	5.1449 E+03	- 5.9337 E+04	6.2175 E+04	2.1627 E+04	- 2.6448 E+03	1.5188 E+04	2.0411 E+01	- 1.8070 E+02	3.9937 E+02	1.2922 E+01	- 5.6303 E+03	1.0054 E+05	8.5119 E+00
2.1949 E+02	8.2402 E+02	1.3554 E+04	- 5.9337 E+04	5.5267 E+04	6.2995 E+04	- 2.6448 E+03	1.4754 E+04	4.1225 E+02	- 1.8070 E+02	3.6609 E+02	2.7511 E+01	- 5.6303 E+03	9.6953 E+04	1.0848 E+01
2.1949 E+02	7.6516 E+02	1.8613 E+04	- 5.9337 E+04	4.8359 E+04	7.6826 E+04	- 2.6448 E+03	1.4320 E+04	6.7605 E+01	- 1.8070 E+02	3.3281 E+02	1.5741 E+01	- 5.6303 E+03	9.3362 E+04	8.4281 E+00
2.1949 E+02	7.0631 E+02	4.5000 E+04	- 5.9337 E+04	4.1450 E+04	2.6991 E+05	- 2.6448 E+03	1.3887 E+04	3.8494 E+02	- 1.8070 E+02	2.9953 E+02	1.9495 E+01	- 5.6303 E+03	8.9772 E+04	3.3830 E+03
2.1949 E+02	6.4745 E+02	9.9220 E+04	- 5.9337 E+04	3.4542 E+04	6.1418 E+05	- 2.6448 E+03	1.3453 E+04	1.0655 E+03	- 1.8070 E+02	2.6625 E+02	7.8627 E+01	- 5.6303 E+03	8.6181 E+04	2.0315 E+03

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.1949 E+02	5.8859 E+02	1.5433 E+05	- 5.9337 E+04	2.7634 E+04	1.1138 E+06	- 2.6448 E+03	1.3019 E+04	3.8599 E+02	- 1.8070 E+02	2.3297 E+02	3.0971 E+02	- 5.6303 E+03	8.2590 E+04	5.2399 E+01
2.1949 E+02	5.2973 E+02	3.9539 E+05	- 5.9337 E+04	2.0725 E+04	1.9731 E+06	- 2.6448 E+03	1.2585 E+04	7.1936 E+02	- 1.8070 E+02	1.9969 E+02	6.6767 E+02	- 5.6303 E+03	7.8999 E+04	1.6072 E+01
2.1949 E+02	4.7087 E+02	5.9707 E+05	- 5.9337 E+04	1.3817 E+04	3.0029 E+06	- 2.6448 E+03	1.2151 E+04	1.2872 E+03	- 1.8070 E+02	1.6640 E+02	8.6733 E+02	- 5.6303 E+03	7.5408 E+04	9.0160 E+02
2.1949 E+02	4.1201 E+02	1.2539 E+06	- 5.9337 E+04	6.9084 E+03	5.6125 E+06	- 2.6448 E+03	1.1717 E+04	1.5018 E+03	- 1.8070 E+02	1.3312 E+02	6.2170 E+03	- 5.6303 E+03	7.1817 E+04	1.8277 E+03
2.1949 E+02	3.5315 E+02	2.2447 E+06	- 5.9337 E+04	0.0000 E+00	1.3169 E+07	- 2.6448 E+03	1.1283 E+04	3.9836 E+03	- 1.8070 E+02	9.9843 E+01	8.2406 E+03	- 5.6303 E+03	6.8226 E+04	9.1469 E+02
2.1949 E+02	2.9429 E+02	3.7207 E+06	- 6.6706 E+04	3.1088 E+05	1.3485 E+00	- 2.6448 E+03	1.0849 E+04	3.5715 E+03	- 1.8070 E+02	6.6562 E+01	3.2875 E+04	- 5.6303 E+03	6.4636 E+04	4.7082 E+02
2.1949 E+02	2.3544 E+02	6.6815 E+06	- 6.6706 E+04	2.9015 E+05	1.3485 E+00	- 2.6448 E+03	1.0415 E+04	9.9831 E+03	- 1.8070 E+02	3.3281 E+01	3.2012 E+05	- 5.6303 E+03	6.1045 E+04	2.9170 E+02
2.1949 E+02	1.7658 E+02	9.3372 E+06	- 6.6706 E+04	2.6943 E+05	1.3485 E+00	- 2.6448 E+03	9.9809 E+03	1.1452 E+04	- 1.8070 E+02	0.0000 E+00	8.4013 E+05	- 5.6303 E+03	5.7454 E+04	2.3606 E+03
2.1949 E+02	1.1772 E+02	1.1430 E+07	- 6.6706 E+04	2.6252 E+05	7.9056 E+00	- 2.6448 E+03	9.5470 E+03	2.1944 E+04	- 2.1398 E+02	5.3249 E+02	4.0307 E+00	- 5.6303 E+03	5.3863 E+04	2.1809 E+03
2.1949 E+02	5.8859 E+01	1.4908 E+07	- 6.6706 E+04	2.5561 E+05	2.6971 E+00	- 2.6448 E+03	9.1130 E+03	3.1103 E+04	- 2.1398 E+02	4.9921 E+02	5.0808 E+00	- 5.6303 E+03	5.0272 E+04	1.6829 E+03
2.1949 E+02	0.0000 E+00	4.4498 E+07	- 6.6706 E+04	2.4870 E+05	5.2085 E+00	- 2.6448 E+03	8.6791 E+03	5.6044 E+04	- 2.1398 E+02	4.6593 E+02	3.8881 E-03	- 5.6303 E+03	4.6681 E+04	1.5905 E+03
1.5293 E+02	2.5898 E+03	1.3485 E+00	- 6.6706 E+04	2.4179 E+05	5.2085 E+00	- 2.6448 E+03	8.2451 E+03	9.5909 E+04	- 2.1398 E+02	4.3265 E+02	1.4197 E+00	- 5.6303 E+03	4.3090 E+04	2.0789 E+03
1.5293 E+02	2.3544 E+03	1.2792 E+01	- 6.6706 E+04	2.3488 E+05	1.7382 E+01	- 2.6448 E+03	7.8112 E+03	1.1480 E+05	- 2.1398 E+02	3.9937 E+02	8.0614 E+00	- 5.6303 E+03	3.9499 E+04	3.3974 E+03
1.5293 E+02	2.2955 E+03	7.1820 E+00	- 6.6706 E+04	2.2798 E+05	2.5031 E+01	- 2.6448 E+03	7.3772 E+03	2.1236 E+05	- 2.1398 E+02	3.6609 E+02	1.3149 E+01	- 5.6303 E+03	3.5909 E+04	9.6887 E+03
1.5293 E+02	2.2366 E+03	1.7500 E+00	- 6.6706 E+04	2.2107 E+05	7.3540 E+00	- 2.6448 E+03	6.9433 E+03	3.2894 E+05	- 2.1398 E+02	3.3281 E+02	9.8672 E+00	- 5.6303 E+03	3.2318 E+04	1.3784 E+04
1.5293 E+02	2.1778 E+03	1.2832 E+01	- 6.6706 E+04	2.1416 E+05	3.1575 E+01	- 2.6448 E+03	6.5093 E+03	3.6655 E+05	- 2.1398 E+02	2.9953 E+02	5.3602 E+01	- 5.6303 E+03	2.8727 E+04	1.9604 E+04
1.5293 E+02	2.1189 E+03	2.1134 E+01	- 6.6706 E+04	2.0725 E+05	3.8438 E+00	- 2.6448 E+03	6.0753 E+03	5.1248 E+05	- 2.1398 E+02	2.6625 E+02	2.9045 E+01	- 5.6303 E+03	2.5136 E+04	3.8931 E+04
1.5293 E+02	2.0601 E+03	1.4706 E+01	- 6.6706 E+04	2.0034 E+05	9.1515 E+00	- 2.6448 E+03	5.6414 E+03	7.6480 E+05	- 2.1398 E+02	2.3297 E+02	4.6386 E+01	- 5.6303 E+03	2.1545 E+04	8.4094 E+04

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/R/E



Document:
 0138-8633 VER 00

Description:
 Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.5293 E+02	2.0012 E+03	1.7500 E+00	- 6.6706 E+04	1.9343 E+05	7.5334 E+00	- 2.6448 E+03	5.2074 E+03	9.9208 E+05	- 2.1398 E+02	1.9969 E+02	2.2383 E+02	- 5.6303 E+03	1.7954 E+04	1.4532 E+05
1.5293 E+02	1.9423 E+03	4.0417 E-02	- 6.6706 E+04	1.8653 E+05	4.6370 E+00	- 2.6448 E+03	4.7735 E+03	1.2783 E+06	- 2.1398 E+02	1.6640 E+02	3.1703 E+02	- 5.6303 E+03	1.4363 E+04	2.6701 E+05
1.5293 E+02	1.8835 E+03	2.1540 E+01	- 6.6706 E+04	1.7962 E+05	3.7114 E+01	- 2.6448 E+03	4.3395 E+03	1.4611 E+06	- 2.1398 E+02	1.3312 E+02	1.3369 E+02	- 5.6303 E+03	1.0773 E+04	3.5134 E+05
1.5293 E+02	1.8246 E+03	3.2485 E+01	- 6.6706 E+04	1.7271 E+05	5.2747 E+02	- 2.6448 E+03	3.9056 E+03	1.6856 E+06	- 2.1398 E+02	9.9843 E+01	2.0305 E+03	- 5.6303 E+03	7.1817 E+03	6.3557 E+05
1.5293 E+02	1.7658 E+03	4.3119 E+01	- 6.6706 E+04	1.6580 E+05	5.6487 E+02	- 2.6448 E+03	3.4716 E+03	1.9928 E+06	- 2.1398 E+02	6.6562 E+01	7.9729 E+03	- 5.6303 E+03	3.5909 E+03	1.2589 E+06
1.5293 E+02	1.7069 E+03	4.1708 E+01	- 6.6706 E+04	1.5889 E+05	7.7466 E+02	- 2.6448 E+03	3.0377 E+03	2.1255 E+06	- 2.1398 E+02	3.3281 E+01	9.3606 E+04	- 5.6303 E+03	0.0000 E+00	9.8275 E+06
1.5293 E+02	1.6480 E+03	6.2583 E+01	- 6.6706 E+04	1.5198 E+05	1.6648 E+02	- 2.6448 E+03	2.6037 E+03	2.2132 E+06	- 2.1398 E+02	0.0000 E+00	2.5871 E+05	- 9.6212 E+03	1.5082 E+05	2.5000 E+00
1.5293 E+02	1.5892 E+03	1.5640 E+02	- 6.6706 E+04	1.4508 E+05	5.9899 E+03	- 2.6448 E+03	2.1698 E+03	2.3217 E+06	- 2.4726 E+02	3.9937 E+02	4.7500 E+00	- 9.6212 E+03	1.1491 E+05	2.5000 E+00
1.5293 E+02	1.5303 E+03	7.4001 E+01	- 6.6706 E+04	1.3817 E+05	1.7789 E+03	- 2.6448 E+03	1.7358 E+03	1.9562 E+06	- 2.4726 E+02	3.6609 E+02	1.2007 E+01	- 9.6212 E+03	1.1132 E+05	2.5000 E+00
1.5293 E+02	1.4715 E+03	7.5456 E+01	- 6.6706 E+04	1.3126 E+05	2.5624 E+03	- 2.6448 E+03	1.3019 E+03	2.1262 E+06	- 2.4726 E+02	3.3281 E+02	5.0000 E+00	- 9.6212 E+03	1.0773 E+05	6.2500 E-01
1.5293 E+02	1.4126 E+03	3.0938 E+01	- 6.6706 E+04	1.2435 E+05	1.7245 E+03	- 2.6448 E+03	8.6791 E+02	3.8496 E+06	- 2.4726 E+02	2.9953 E+02	9.0246 E-01	- 9.6212 E+03	1.0414 E+05	4.2500 E+00
1.5293 E+02	1.3538 E+03	2.0260 E+02	- 6.6706 E+04	1.1744 E+05	7.5730 E+02	- 2.6448 E+03	4.3395 E+02	9.0827 E+06	- 2.4726 E+02	2.6625 E+02	1.4871 E+01	- 9.6212 E+03	1.0054 E+05	1.7904 E+00
1.5293 E+02	1.2949 E+03	1.8706 E+02	- 6.6706 E+04	1.1053 E+05	1.7206 E+04	- 2.6448 E+03	0.0000 E+00	1.5868 E+07	- 2.4726 E+02	2.3297 E+02	2.1076 E+01	- 9.6212 E+03	9.6953 E+04	7.7046 E+00
1.5293 E+02	1.2360 E+03	2.3481 E+02	- 6.6706 E+04	1.0363 E+05	4.7122 E+03	- 3.2078 E+03	1.9528 E+04	3.4444 E+01	- 2.4726 E+02	1.9969 E+02	2.1921 E+02	- 9.6212 E+03	9.3362 E+04	2.6845 E+00
1.5293 E+02	1.1772 E+03	1.8927 E+02	- 6.6706 E+04	9.6717 E+04	9.8124 E+03	- 3.2078 E+03	1.9094 E+04	2.7295 E+01	- 2.4726 E+02	1.6640 E+02	5.2144 E+01	- 9.6212 E+03	8.9772 E+04	1.0573 E+01
1.5293 E+02	1.1183 E+03	2.2248 E+03	- 6.6706 E+04	8.9809 E+04	1.0890 E+04	- 3.2078 E+03	1.8660 E+04	8.3420 E+01	- 2.4726 E+02	1.3312 E+02	9.3033 E+02	- 9.6212 E+03	8.6181 E+04	1.7851 E+01
1.5293 E+02	1.0595 E+03	8.7277 E+02	- 6.6706 E+04	8.2901 E+04	8.8999 E+03	- 3.2078 E+03	1.8226 E+04	2.0154 E+00	- 2.4726 E+02	9.9843 E+01	3.1059 E+02	- 9.6212 E+03	8.2590 E+04	6.7413 E+00
1.5293 E+02	1.0006 E+03	3.0070 E+03	- 6.6706 E+04	7.5992 E+04	1.9912 E+04	- 3.2078 E+03	1.7792 E+04	1.3287 E+02	- 2.4726 E+02	6.6562 E+01	1.5324 E+03	- 9.6212 E+03	7.8999 E+04	2.6073 E+02

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/R/E



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.5293 E+02	9.4174 E+02	3.2013 E+03	- 6.6706 E+04	6.9084 E+04	2.0382 E+04	- 3.2078 E+03	1.7358 E+04	2.2381 E+01	- 2.4726 E+02	3.3281 E+01	2.6774 E+04	- 9.6212 E+03	7.5408 E+04	6.0696 E+00
1.5293 E+02	8.8288 E+02	1.2041 E+04	- 6.6706 E+04	6.2175 E+04	3.1717 E+04	- 3.2078 E+03	1.6924 E+04	8.5321 E+01	- 2.4726 E+02	0.0000 E+00	1.2071 E+05	- 9.6212 E+03	7.1817 E+04	1.9378 E+02
1.5293 E+02	8.2402 E+02	1.9435 E+04	- 6.6706 E+04	5.5267 E+04	3.9717 E+04	- 3.2078 E+03	1.6490 E+04	9.4460 E+01	- 2.8054 E+02	4.3265 E+02	3.5000 E+00	- 9.6212 E+03	6.8226 E+04	1.9683 E+02
1.5293 E+02	7.6516 E+02	4.4399 E+04	- 6.6706 E+04	4.8359 E+04	1.1739 E+05	- 3.2078 E+03	1.6056 E+04	1.9127 E+02	- 2.8054 E+02	3.3281 E+02	5.1697 E+00	- 9.6212 E+03	6.4636 E+04	5.1812 E+02
1.5293 E+02	7.0631 E+02	7.8465 E+04	- 6.6706 E+04	4.1450 E+04	2.7179 E+05	- 3.2078 E+03	1.5622 E+04	8.3659 E+01	- 2.8054 E+02	2.6625 E+02	1.4197 E+00	- 9.6212 E+03	6.1045 E+04	2.6959 E+02
1.5293 E+02	6.4745 E+02	1.3393 E+05	- 6.6706 E+04	3.4542 E+04	4.9153 E+05	- 3.2078 E+03	1.5188 E+04	4.4859 E+00	- 2.8054 E+02	2.3297 E+02	1.0000 E+01	- 9.6212 E+03	5.7454 E+04	1.0703 E+02
1.5293 E+02	5.8859 E+02	2.3200 E+05	- 6.6706 E+04	2.7634 E+04	1.1305 E+06	- 3.2078 E+03	1.4754 E+04	1.9352 E+01	- 2.8054 E+02	1.9969 E+02	2.1162 E+01	- 9.6212 E+03	5.3863 E+04	2.5877 E+02
1.5293 E+02	5.2973 E+02	3.8414 E+05	- 6.6706 E+04	2.0725 E+04	2.2164 E+06	- 3.2078 E+03	1.4320 E+04	1.5851 E+01	- 2.8054 E+02	1.6640 E+02	1.1108 E+01	- 9.6212 E+03	5.0272 E+04	4.5379 E+02
1.5293 E+02	4.7087 E+02	6.8388 E+05	- 6.6706 E+04	1.3817 E+04	2.7719 E+06	- 3.2078 E+03	1.3887 E+04	1.7460 E+01	- 2.8054 E+02	1.3312 E+02	3.6767 E+01	- 9.6212 E+03	4.6681 E+04	1.7186 E+03
1.5293 E+02	4.1201 E+02	1.1888 E+06	- 6.6706 E+04	6.9084 E+03	5.0614 E+06	- 3.2078 E+03	1.3453 E+04	1.5636 E+02	- 2.8054 E+02	9.9843 E+01	6.7501 E+01	- 9.6212 E+03	4.3090 E+04	1.0936 E+03
1.5293 E+02	3.5315 E+02	2.3626 E+06	- 6.6706 E+04	0.0000 E+00	1.4883 E+07	- 3.2078 E+03	1.3019 E+04	6.9384 E+01	- 2.8054 E+02	6.6562 E+01	9.9098 E+02	- 9.6212 E+03	3.9499 E+04	2.6932 E+02
1.5293 E+02	2.9429 E+02	4.1313 E+06	- 7.4075 E+04	2.8324 E+05	1.3485 E+00	- 3.2078 E+03	1.2585 E+04	1.1501 E+02	- 2.8054 E+02	3.3281 E+01	7.2045 E+03	- 9.6212 E+03	3.5909 E+04	5.0252 E+02
1.5293 E+02	2.3544 E+02	6.1965 E+06	- 7.4075 E+04	2.7634 E+05	1.3485 E+00	- 3.2078 E+03	1.2151 E+04	2.3031 E+02	- 2.8054 E+02	0.0000 E+00	3.0730 E+04	- 9.6212 E+03	3.2318 E+04	5.4427 E+02
1.5293 E+02	1.7658 E+02	8.1397 E+06	- 7.4075 E+04	2.6943 E+05	1.3485 E+00	- 3.2078 E+03	1.1717 E+04	1.4192 E+02	- 3.1382 E+02	2.9953 E+02	3.5000 E+00	- 9.6212 E+03	2.8727 E+04	3.6284 E+03
1.5293 E+02	1.1772 E+02	9.3125 E+06	- 7.4075 E+04	2.6252 E+05	2.6971 E+00	- 3.2078 E+03	1.1283 E+04	1.9822 E+02	- 3.1382 E+02	2.3297 E+02	8.0833 E-02	- 9.6212 E+03	2.5136 E+04	9.8908 E+02
1.5293 E+02	5.8859 E+01	1.1275 E+07	- 7.4075 E+04	2.5561 E+05	2.6971 E+00	- 3.2078 E+03	1.0849 E+04	2.3495 E+03	- 3.1382 E+02	1.6640 E+02	3.6667 E+00	- 9.6212 E+03	2.1545 E+04	1.5692 E+03
1.5293 E+02	0.0000 E+00	3.5623 E+07	- 7.4075 E+04	2.4179 E+05	5.9113 E+00	- 3.2078 E+03	1.0415 E+04	2.3503 E+03	- 3.1382 E+02	1.3312 E+02	6.5864 E+00	- 9.6212 E+03	1.7954 E+04	7.7027 E+03
8.6366 E+01	2.7075 E+03	5.2085 E+00	- 7.4075 E+04	2.3488 E+05	1.7679 E+01	- 3.2078 E+03	9.9809 E+03	2.3914 E+03	- 3.1382 E+02	9.9843 E+01	2.2976 E+01	- 9.6212 E+03	1.4363 E+04	1.5445 E+04

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.6366 E+01	2.2955 E+03	3.5000 E+00	- 7.4075 E+04	2.2798 E+05	3.7559 E+01	- 3.2078 E+03	9.5470 E+03	7.0473 E+03	- 3.1382 E+02	6.6562 E+01	2.4959 E+02	- 9.6212 E+03	1.0773 E+04	1.9043 E+04
8.6366 E+01	2.2366 E+03	3.5000 E+00	- 7.4075 E+04	2.2107 E+05	4.4988 E+00	- 3.2078 E+03	9.1130 E+03	1.0403 E+04	- 3.1382 E+02	3.3281 E+01	3.7863 E+03	- 9.6212 E+03	7.1817 E+03	4.1398 E+04
8.6366 E+01	2.0012 E+03	1.7500 E+00	- 7.4075 E+04	2.1416 E+05	2.5836 E+00	- 3.2078 E+03	8.6791 E+03	1.3930 E+04	- 3.1382 E+02	0.0000 E+00	8.4770 E+03	- 9.6212 E+03	3.5909 E+03	1.8341 E+05
8.6366 E+01	1.9423 E+03	4.2333 E+01	- 7.4075 E+04	2.0725 E+05	1.4327 E+01	- 3.2078 E+03	8.2451 E+03	2.5610 E+04	- 3.4710 E+02	2.9953 E+02	2.4184 E-02	- 9.6212 E+03	0.0000 E+00	1.6874 E+06
8.6366 E+01	1.8835 E+03	2.1510 E+01	- 7.4075 E+04	2.0034 E+05	1.1990 E+01	- 3.2078 E+03	7.8112 E+03	5.3218 E+04	- 3.4710 E+02	1.9969 E+02	5.0000 E+00	- 1.3612 E+04	1.3286 E+05	5.0000 E+00
8.6366 E+01	1.8246 E+03	3.1916 E+01	- 7.4075 E+04	1.9343 E+05	3.8092 E+01	- 3.2078 E+03	7.3772 E+03	8.5222 E+04	- 3.4710 E+02	1.6640 E+02	8.0833 E-02	- 1.3612 E+04	1.1850 E+05	1.9440 E-03
8.6366 E+01	1.7658 E+03	3.1251 E+01	- 7.4075 E+04	1.8653 E+05	1.1484 E+01	- 3.2078 E+03	6.9433 E+03	1.2127 E+05	- 3.4710 E+02	1.3312 E+02	2.4184 E-02	- 1.3612 E+04	1.1491 E+05	3.8881 E-03
8.6366 E+01	1.7069 E+03	2.0834 E+01	- 7.4075 E+04	1.7962 E+05	1.1856 E+02	- 3.2078 E+03	6.5093 E+03	1.9365 E+05	- 3.4710 E+02	9.9843 E+01	3.0024 E+01	- 1.3612 E+04	1.1132 E+05	2.5808 E+00
8.6366 E+01	1.6480 E+03	4.1719 E+01	- 7.4075 E+04	1.7271 E+05	1.1157 E+03	- 3.2078 E+03	6.0753 E+03	2.5368 E+05	- 3.4710 E+02	6.6562 E+01	7.4996 E+00	- 1.3612 E+04	1.0054 E+05	6.2500 E-01
8.6366 E+01	1.5892 E+03	3.1332 E+01	- 7.4075 E+04	1.6580 E+05	6.9636 E+02	- 3.2078 E+03	5.6414 E+03	3.7440 E+05	- 3.4710 E+02	3.3281 E+01	3.8936 E+02	- 1.3612 E+04	9.3362 E+04	2.4184 E-02
8.6366 E+01	1.5303 E+03	3.2100 E+01	- 7.4075 E+04	1.5889 E+05	2.9222 E+02	- 3.2078 E+03	5.2074 E+03	5.6252 E+05	- 3.4710 E+02	0.0000 E+00	7.8845 E+03	- 1.3612 E+04	8.6181 E+04	5.0000 E+00
8.6366 E+01	1.4715 E+03	7.5895 E+01	- 7.4075 E+04	1.5198 E+05	4.2113 E+02	- 3.2078 E+03	4.7735 E+03	7.9482 E+05	- 3.8038 E+02	4.3265 E+02	1.2500 E+00	- 1.3612 E+04	8.2590 E+04	7.5000 E+00
8.6366 E+01	1.4126 E+03	1.3820 E+02	- 7.4075 E+04	1.4508 E+05	2.4069 E+03	- 3.2078 E+03	4.3395 E+03	1.1279 E+06	- 3.8038 E+02	1.3312 E+02	1.2500 E+00	- 1.3612 E+04	7.8999 E+04	3.6831 E+00
8.6366 E+01	1.3538 E+03	1.0413 E+02	- 7.4075 E+04	1.3817 E+05	5.6612 E+02	- 3.2078 E+03	3.9056 E+03	1.2068 E+06	- 3.8038 E+02	9.9843 E+01	2.3521 E+01	- 1.3612 E+04	7.5408 E+04	9.8545 E+00
8.6366 E+01	1.2949 E+03	5.0826 E+01	- 7.4075 E+04	1.3126 E+05	2.8428 E+03	- 3.2078 E+03	3.4716 E+03	1.4091 E+06	- 3.8038 E+02	6.6562 E+01	2.4184 E-02	- 1.3612 E+04	7.1817 E+04	1.1196 E+01
8.6366 E+01	1.2360 E+03	1.2021 E+02	- 7.4075 E+04	1.2435 E+05	9.8530 E+03	- 3.2078 E+03	3.0377 E+03	1.7776 E+06	- 3.8038 E+02	3.3281 E+01	1.0734 E+02	- 1.3612 E+04	6.8226 E+04	2.6248 E+01
8.6366 E+01	1.1772 E+03	1.7291 E+02	- 7.4075 E+04	1.1744 E+05	4.9200 E+03	- 3.2078 E+03	2.6037 E+03	1.7652 E+06	- 3.8038 E+02	0.0000 E+00	2.7261 E+03	- 1.3612 E+04	6.4636 E+04	3.2563 E+01
8.6366 E+01	1.1183 E+03	2.2513 E+02	- 7.4075 E+04	1.1053 E+05	6.5976 E+03	- 3.2078 E+03	2.1698 E+03	1.5176 E+06	- 4.1366 E+02	1.9969 E+02	2.5000 E+00	- 1.3612 E+04	6.1045 E+04	2.4409 E+01

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.6366 E+01	1.0595 E+03	3.0557 E+02	- 7.4075 E+04	1.0363 E+05	1.1928 E+04	- 3.2078 E+03	1.7358 E+03	1.4095 E+06	- 4.1366 E+02	9.9843 E+01	1.0170 E+01	- 1.3612 E+04	5.7454 E+04	1.3140 E+02
8.6366 E+01	1.0006 E+03	5.5123 E+03	- 7.4075 E+04	9.6717 E+04	2.4028 E+04	- 3.2078 E+03	1.3019 E+03	1.3763 E+06	- 4.1366 E+02	6.6562 E+01	1.2500 E+00	- 1.3612 E+04	5.3863 E+04	2.2480 E+02
8.6366 E+01	9.4174 E+02	4.0083 E+03	- 7.4075 E+04	8.9809 E+04	1.3500 E+04	- 3.2078 E+03	8.6791 E+02	2.8202 E+06	- 4.1366 E+02	3.3281 E+01	4.5741 E+01	- 1.3612 E+04	5.0272 E+04	1.6342 E+01
8.6366 E+01	8.8288 E+02	9.9640 E+03	- 7.4075 E+04	8.2901 E+04	3.2072 E+04	- 3.2078 E+03	4.3395 E+02	6.9471 E+06	- 4.1366 E+02	0.0000 E+00	2.6654 E+02	- 1.3612 E+04	4.6681 E+04	2.0241 E+02
8.6366 E+01	8.2402 E+02	1.6526 E+04	- 7.4075 E+04	7.5992 E+04	2.5681 E+04	- 3.2078 E+03	0.0000 E+00	1.2059 E+07	- 4.4694 E+02	3.3281 E+01	2.2382 E+01	- 1.3612 E+04	4.3090 E+04	5.3713 E+02
8.6366 E+01	7.6516 E+02	2.8110 E+04	- 7.4075 E+04	6.9084 E+04	4.1210 E+04	- 3.7708 E+03	1.9528 E+04	8.4860 E-02	- 4.4694 E+02	0.0000 E+00	8.5291 E+01	- 1.3612 E+04	3.9499 E+04	4.1379 E+02
8.6366 E+01	7.0631 E+02	8.3270 E+04	- 7.4075 E+04	6.2175 E+04	5.1289 E+04	- 3.7708 E+03	1.9094 E+04	8.4860 E-02	- 4.8022 E+02	3.3281 E+01	1.7178 E+01	- 1.3612 E+04	3.5909 E+04	4.2468 E+02
8.6366 E+01	6.4745 E+02	1.3054 E+05	- 7.4075 E+04	5.5267 E+04	5.5477 E+04	- 3.7708 E+03	1.8660 E+04	7.3288 E-01	- 4.8022 E+02	0.0000 E+00	2.9294 E+01	- 1.3612 E+04	3.2318 E+04	5.0173 E+02
8.6366 E+01	5.8859 E+02	2.4899 E+05	- 7.4075 E+04	4.8359 E+04	9.4286 E+04	- 3.7708 E+03	1.7792 E+04	5.2785 E-01	- 5.1350 E+02	3.3281 E+01	2.1676 E+01	- 1.3612 E+04	2.8727 E+04	5.9005 E+02
8.6366 E+01	5.2973 E+02	3.8215 E+05	- 7.4075 E+04	4.1450 E+04	2.4206 E+05	- 3.7708 E+03	1.6490 E+04	1.0557 E+00	- 5.1350 E+02	0.0000 E+00	3.5804 E+01	- 1.3612 E+04	2.5136 E+04	1.9615 E+03
8.6366 E+01	4.7087 E+02	6.0287 E+05	- 7.4075 E+04	3.4542 E+04	4.9594 E+05	- 3.7708 E+03	1.6056 E+04	6.5313 E-01	- 5.4679 E+02	0.0000 E+00	1.8980 E+00	- 1.3612 E+04	2.1545 E+04	8.6016 E+02
8.6366 E+01	4.1201 E+02	8.7583 E+05	- 7.4075 E+04	2.7634 E+04	1.0280 E+06	- 3.7708 E+03	1.5622 E+04	3.8657 E+00	- 5.8007 E+02	0.0000 E+00	4.4636 E+00	- 1.3612 E+04	1.7954 E+04	8.4156 E+02
8.6366 E+01	3.5315 E+02	1.2078 E+06	- 7.4075 E+04	2.0725 E+04	2.1267 E+06	- 3.7708 E+03	1.5188 E+04	8.5865 E+00				- 1.3612 E+04	1.4363 E+04	3.3552 E+03
8.6366 E+01	2.9429 E+02	1.7671 E+06	- 7.4075 E+04	1.3817 E+04	3.1045 E+06	- 3.7708 E+03	1.4320 E+04	8.8014 E+01				- 1.3612 E+04	1.0773 E+04	4.2214 E+03
8.6366 E+01	2.3544 E+02	2.3235 E+06	- 7.4075 E+04	6.9084 E+03	4.2171 E+06	- 3.7708 E+03	1.3887 E+04	7.0859 E+00				- 1.3612 E+04	7.1817 E+03	1.1958 E+04
8.6366 E+01	1.7658 E+02	3.0506 E+06	- 7.4075 E+04	0.0000 E+00	1.4271 E+07	- 3.7708 E+03	1.3453 E+04	2.1984 E+01				- 1.3612 E+04	3.5909 E+03	5.6662 E+04
8.6366 E+01	1.1772 E+02	3.1980 E+06	- 8.1444 E+04	2.9015 E+05	1.3485 E+00	- 3.7708 E+03	1.3019 E+04	7.2237 E+00				- 1.3612 E+04	0.0000 E+00	3.9261 E+05
8.6366 E+01	5.8859 E+01	5.6078 E+06	- 8.1444 E+04	2.6943 E+05	1.3485 E+00	- 3.7708 E+03	1.2585 E+04	4.1466 E+01				- 1.7603 E+04	1.0773 E+05	1.2092 E-02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.6366 E+01	0.0000 E+00	2.1270 E+07	- 8.1444 E+04	2.6252 E+05	1.3485 E+00	- 3.7708 E+03	1.2151 E+04	4.0319 E+02				- 1.7603 E+04	8.9772 E+04	6.2500 E-01
1.9801 E+01	2.8841 E+03	1.7500 E+00	- 8.1444 E+04	2.5561 E+05	1.3485 E+00	- 3.7708 E+03	1.1717 E+04	4.5147 E+00				- 1.7603 E+04	8.6181 E+04	5.0000 E+00
1.9801 E+01	2.2366 E+03	1.3485 E+00	- 8.1444 E+04	2.4870 E+05	7.2599 E+00	- 3.7708 E+03	1.1283 E+04	2.6992 E+01				- 1.7603 E+04	8.2590 E+04	2.5000 E+00
1.9801 E+01	2.0012 E+03	5.1130 E-02	- 8.1444 E+04	2.4179 E+05	1.3485 E+00	- 3.7708 E+03	1.0849 E+04	2.1743 E+02				- 1.7603 E+04	7.8999 E+04	4.5848 E+00
1.9801 E+01	1.8246 E+03	1.6377 E-01	- 8.1444 E+04	2.3488 E+05	1.4479 E+01	- 3.7708 E+03	1.0415 E+04	8.3553 E+02				- 1.7603 E+04	7.5408 E+04	5.0000 E+00
1.9801 E+01	1.7658 E+03	3.5000 E+00	- 8.1444 E+04	2.2798 E+05	1.3485 E+00	- 3.7708 E+03	9.9809 E+03	4.4862 E+02				- 1.7603 E+04	7.1817 E+04	1.4701 E+01
1.9801 E+01	1.6480 E+03	4.0417 E-02	- 8.1444 E+04	2.2107 E+05	1.3833 E+01	- 3.7708 E+03	9.5470 E+03	2.3245 E+03				- 1.7603 E+04	6.8226 E+04	9.7052 E+00
1.9801 E+01	1.5892 E+03	1.2500 E+00	- 8.1444 E+04	2.0725 E+05	2.9882 E+01	- 3.7708 E+03	9.1130 E+03	7.0734 E+03				- 1.7603 E+04	6.4636 E+04	9.7013 E+00
1.9801 E+01	1.5303 E+03	6.6542 E-01	- 8.1444 E+04	2.0034 E+05	5.2566 E+01	- 3.7708 E+03	8.6791 E+03	1.0242 E+04				- 1.7603 E+04	6.1045 E+04	5.1667 E+00
1.9801 E+01	1.4715 E+03	2.1908 E+01	- 8.1444 E+04	1.9343 E+05	5.0644 E+01	- 3.7708 E+03	8.2451 E+03	1.2204 E+04				- 1.7603 E+04	5.7454 E+04	2.3281 E+01
1.9801 E+01	1.4126 E+03	1.6679 E+01	- 8.1444 E+04	1.8653 E+05	1.7590 E+02	- 3.7708 E+03	7.8112 E+03	2.3664 E+04				- 1.7603 E+04	5.3863 E+04	3.3116 E+01
1.9801 E+01	1.3538 E+03	1.8600 E+01	- 8.1444 E+04	1.7962 E+05	1.1820 E+02	- 3.7708 E+03	7.3772 E+03	1.7829 E+04				- 1.7603 E+04	5.0272 E+04	1.4973 E+01
1.9801 E+01	1.2949 E+03	2.2124 E+01	- 8.1444 E+04	1.7271 E+05	5.5211 E+02	- 3.7708 E+03	6.9433 E+03	4.3196 E+04				- 1.7603 E+04	4.6681 E+04	3.2708 E+01
1.9801 E+01	1.2360 E+03	2.5780 E+01	- 8.1444 E+04	1.6580 E+05	1.0630 E+03	- 3.7708 E+03	6.5093 E+03	7.2716 E+04				- 1.7603 E+04	4.3090 E+04	2.0080 E+01
1.9801 E+01	1.1772 E+03	1.4036 E+01	- 8.1444 E+04	1.5889 E+05	1.6030 E+02	- 3.7708 E+03	6.0753 E+03	8.6016 E+04				- 1.7603 E+04	3.9499 E+04	2.1729 E+02
1.9801 E+01	1.1183 E+03	5.9892 E+01	- 8.1444 E+04	1.5198 E+05	5.8336 E+02	- 3.7708 E+03	5.6414 E+03	1.2842 E+05				- 1.7603 E+04	3.5909 E+04	7.4022 E+01
1.9801 E+01	1.0595 E+03	3.0728 E+01	- 8.1444 E+04	1.4508 E+05	1.5976 E+03	- 3.7708 E+03	5.2074 E+03	1.7198 E+05				- 1.7603 E+04	3.2318 E+04	8.9337 E+01
1.9801 E+01	1.0006 E+03	1.0252 E+03	- 8.1444 E+04	1.3817 E+05	5.0918 E+03	- 3.7708 E+03	4.7735 E+03	2.3288 E+05				- 1.7603 E+04	2.8727 E+04	7.2532 E+02

Original Instruction: T05 0138-8633 VER 00
 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.9801 E+01	9.4174 E+02	9.6613 E+02	- 8.1444 E+04	1.3126 E+05	5.6400 E+03	- 3.7708 E+03	4.3395 E+03	2.8693 E+05				- 1.7603 E+04	2.5136 E+04	6.6160 E+01
1.9801 E+01	8.8288 E+02	9.7372 E+02	- 8.1444 E+04	1.2435 E+05	8.4220 E+03	- 3.7708 E+03	3.9056 E+03	4.7189 E+05				- 1.7603 E+04	2.1545 E+04	1.2606 E+03
1.9801 E+01	8.2402 E+02	2.6751 E+03	- 8.1444 E+04	1.1744 E+05	7.6054 E+03	- 3.7708 E+03	3.4716 E+03	6.9558 E+05				- 1.7603 E+04	1.7954 E+04	4.1179 E+02
1.9801 E+01	7.6516 E+02	8.7576 E+03	- 8.1444 E+04	1.1053 E+05	8.1469 E+03	- 3.7708 E+03	3.0377 E+03	7.1311 E+05				- 1.7603 E+04	1.4363 E+04	5.2092 E+02
1.9801 E+01	7.0631 E+02	2.1574 E+04	- 8.1444 E+04	1.0363 E+05	8.9120 E+03	- 3.7708 E+03	2.6037 E+03	9.5658 E+05				- 1.7603 E+04	1.0773 E+04	1.3082 E+03
1.9801 E+01	6.4745 E+02	1.1726 E+04	- 8.1444 E+04	9.6717 E+04	2.9897 E+04	- 3.7708 E+03	2.1698 E+03	8.5665 E+05				- 1.7603 E+04	7.1817 E+03	3.2061 E+03
1.9801 E+01	5.8859 E+02	3.8978 E+04	- 8.1444 E+04	8.9809 E+04	2.5270 E+04	- 3.7708 E+03	1.7358 E+03	7.7126 E+05				- 1.7603 E+04	3.5909 E+03	2.1878 E+04
1.9801 E+01	5.2973 E+02	6.7883 E+04	- 8.1444 E+04	8.2901 E+04	4.8144 E+04	- 3.7708 E+03	1.3019 E+03	1.0083 E+06				- 1.7603 E+04	0.0000 E+00	1.7220 E+05
1.9801 E+01	4.7087 E+02	1.3901 E+05	- 8.1444 E+04	7.5992 E+04	6.2974 E+04	- 3.7708 E+03	8.6791 E+02	1.7984 E+06				- 2.1594 E+04	7.5408 E+04	5.0000 E+00
1.9801 E+01	4.1201 E+02	3.3949 E+05	- 8.1444 E+04	6.9084 E+04	6.4085 E+04	- 3.7708 E+03	4.3395 E+02	4.6844 E+06				- 2.1594 E+04	6.4636 E+04	7.5000 E+00
1.9801 E+01	3.5315 E+02	4.2512 E+05	- 8.1444 E+04	6.2175 E+04	1.1244 E+05	- 3.7708 E+03	0.0000 E+00	8.3931 E+06				- 2.1594 E+04	5.3863 E+04	4.5444 E+00
1.9801 E+01	2.9429 E+02	7.9147 E+05	- 8.1444 E+04	5.5267 E+04	1.2392 E+05	- 4.3337 E+03	1.6924 E+04	1.7500 E+00				- 2.1594 E+04	5.0272 E+04	4.0417 E-02
1.9801 E+01	2.3544 E+02	1.0532 E+06	- 8.1444 E+04	4.8359 E+04	2.2049 E+05	- 4.3337 E+03	1.6056 E+04	8.4860 E-02				- 2.1594 E+04	4.6681 E+04	1.4701 E+01
1.9801 E+01	1.7658 E+02	1.8620 E+06	- 8.1444 E+04	4.1450 E+04	2.9890 E+05	- 4.3337 E+03	1.5622 E+04	2.3394 E+00				- 2.1594 E+04	4.3090 E+04	6.7753 E+00
1.9801 E+01	1.1772 E+02	3.5659 E+06	- 8.1444 E+04	3.4542 E+04	5.5003 E+05	- 4.3337 E+03	1.4754 E+04	1.2658 E+00				- 2.1594 E+04	3.9499 E+04	2.1841 E+01
1.9801 E+01	5.8859 E+01	1.0482 E+07	- 8.1444 E+04	2.7634 E+04	9.3907 E+05	- 4.3337 E+03	1.4320 E+04	1.2149 E+00				- 2.1594 E+04	3.5909 E+04	1.4659 E+00
1.9801 E+01	0.0000 E+00	3.3833 E+07	- 8.1444 E+04	2.0725 E+04	2.1753 E+06	- 4.3337 E+03	1.3887 E+04	7.0939 E+00				- 2.1594 E+04	3.2318 E+04	6.1617 E+00
- 4.6763 E+01	1.8835 E+03	1.7500 E+00	- 8.1444 E+04	1.3817 E+04	2.9194 E+06	- 4.3337 E+03	1.3453 E+04	4.9620 E+01				- 2.1594 E+04	2.8727 E+04	2.0434 E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.8246	6.6542	-	6.9084	4.6892	-	1.3019	1.6972	-			-	2.5136	1.6560
4.6763	E+03	E-01	8.1444	E+03	E+06	4.3337	E+04	E-01				2.1594	E+04	E+01
-	1.7658	6.2500	-	0.0000	1.6104	-	1.2585	4.8750	-			-	2.1545	2.1504
4.6763	E+03	E-01	8.1444	E+00	E+07	4.3337	E+04	E+00				2.1594	E+04	E+02
-	1.7069	3.5000	-	2.4870	1.3485	-	1.2151	4.5164	-			-	1.7954	3.9954
4.6763	E+03	E+00	8.8812	E+05	E+00	4.3337	E+04	E+00				2.1594	E+04	E+01
-	1.6480	1.2500	-	2.2798	4.0417	-	1.1717	8.5338	-			-	1.4363	1.5964
4.6763	E+03	E+00	8.8812	E+05	E-02	4.3337	E+04	E+01				2.1594	E+04	E+02
-	1.5892	8.0833	-	2.0725	2.4212	-	1.1283	3.3238	-			-	1.0773	1.4531
4.6763	E+03	E-02	8.8812	E+05	E+01	4.3337	E+04	E+00				2.1594	E+04	E+03
-	1.5303	3.1497	-	1.9343	1.6419	-	1.0849	1.5814	-			-	7.1817	4.9215
4.6763	E+03	E+00	8.8812	E+05	E+01	4.3337	E+04	E+01				2.1594	E+03	E+03
-	1.4715	6.2375	-	1.7962	2.2338	-	1.0415	1.1108	-			-	3.5909	1.7073
4.6763	E+03	E+00	8.8812	E+05	E+01	4.3337	E+04	E+02				2.1594	E+03	E+04
-	1.4126	2.3999	-	1.7271	3.9131	-	9.9809	1.2595	-			-	0.0000	6.4773
4.6763	E+03	E+01	8.8812	E+05	E+01	4.3337	E+03	E+02				2.1594	E+00	E+04
-	1.3538	5.5000	-	1.6580	5.3442	-	9.5470	9.7972	-			-	4.6681	8.0833
4.6763	E+03	E+00	8.8812	E+05	E+02	4.3337	E+03	E+02				2.5585	E+04	E-02
-	1.2949	3.3059	-	1.5889	3.7367	-	9.1130	7.2321	-			-	4.3090	2.2681
4.6763	E+03	E+01	8.8812	E+05	E+02	4.3337	E+03	E+02				2.5585	E+04	E+00
-	1.2360	2.5134	-	1.5198	7.5962	-	8.6791	4.7726	-			-	3.9499	1.2092
4.6763	E+03	E+01	8.8812	E+05	E+02	4.3337	E+03	E+03				2.5585	E+04	E-02
-	1.1772	1.1529	-	1.4508	6.9984	-	8.2451	3.8318	-			-	3.5909	4.5586
4.6763	E+03	E+02	8.8812	E+05	E+02	4.3337	E+03	E+03				2.5585	E+04	E+00
-	1.1183	1.7024	-	1.3817	1.0383	-	7.8112	8.4181	-			-	3.2318	2.1507
4.6763	E+03	E+01	8.8812	E+05	E+03	4.3337	E+03	E+03				2.5585	E+04	E+01
-	1.0595	1.9542	-	1.3126	4.9448	-	7.3772	1.2812	-			-	2.8727	1.3736
4.6763	E+03	E+01	8.8812	E+05	E+03	4.3337	E+03	E+04				2.5585	E+04	E+01
-	1.0006	3.4467	-	1.2435	5.7227	-	6.9433	1.2383	-			-	2.5136	2.7061
4.6763	E+03	E+01	8.8812	E+05	E+03	4.3337	E+03	E+04				2.5585	E+04	E+01
-	9.4174	8.4531	-	1.1744	7.0704	-	6.5093	1.3684	-			-	2.1545	7.3339
4.6763	E+02	E+01	8.8812	E+05	E+03	4.3337	E+03	E+04				2.5585	E+04	E+00
-	8.8288	1.0548	-	1.1053	1.7551	-	6.0753	2.5190	-			-	1.7954	1.0592
4.6763	E+02	E+02	8.8812	E+05	E+04	4.3337	E+03	E+04				2.5585	E+04	E+01
-	8.2402	8.7956	-	1.0363	2.4755	-	5.6414	2.8673	-			-	1.4363	4.1779
4.6763	E+02	E+02	8.8812	E+05	E+04	4.3337	E+03	E+04				2.5585	E+04	E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	7.6516	1.1948	-	9.6717	2.2999	-	5.2074	3.2233				-	1.0773	4.7575
4.6763	E+02	E+02	8.8812	E+04	E+04	4.3337	E+03	E+04				2.5585	E+04	E+02
-	7.0631	1.6429	-	8.9809	3.6954	-	4.7735	4.6943				-	7.1817	3.5422
4.6763	E+02	E+02	8.8812	E+04	E+04	4.3337	E+03	E+04				2.5585	E+03	E+03
-	6.4745	1.9554	-	8.2901	6.6563	-	4.3395	6.7370				-	3.5909	1.5291
4.6763	E+02	E+03	8.8812	E+04	E+04	4.3337	E+03	E+04				2.5585	E+03	E+04
-	5.8859	1.9950	-	7.5992	1.2261	-	3.9056	6.5421				-	0.0000	4.1103
4.6763	E+02	E+03	8.8812	E+04	E+05	4.3337	E+03	E+04				2.5585	E+00	E+04
-	5.2973	8.0158	-	6.9084	1.6168	-	3.4716	9.8918				-	5.7454	8.0833
4.6763	E+02	E+03	8.8812	E+04	E+05	4.3337	E+03	E+04				2.9576	E+04	E-02
-	4.7087	1.3370	-	6.2175	2.3287	-	3.0377	1.6694				-	5.0272	2.0833
4.6763	E+02	E+04	8.8812	E+04	E+05	4.3337	E+03	E+05				2.9576	E+04	E+00
-	4.1201	1.8484	-	5.5267	3.1688	-	2.6037	2.0089				-	4.6681	1.6972
4.6763	E+02	E+04	8.8812	E+04	E+05	4.3337	E+03	E+05				2.9576	E+04	E-01
-	3.5315	2.7624	-	4.8359	4.2509	-	2.1698	1.9874				-	2.8727	2.5055
4.6763	E+02	E+04	8.8812	E+04	E+05	4.3337	E+03	E+05				2.9576	E+04	E-01
-	2.9429	5.1789	-	4.1450	6.5292	-	1.7358	3.0199				-	2.1545	1.8980
4.6763	E+02	E+04	8.8812	E+04	E+05	4.3337	E+03	E+05				2.9576	E+04	E+00
-	2.3544	1.0032	-	3.4542	9.4018	-	1.3019	4.3416				-	1.7954	3.0502
4.6763	E+02	E+05	8.8812	E+04	E+05	4.3337	E+03	E+05				2.9576	E+04	E+01
-	1.7658	2.5189	-	2.7634	1.6042	-	8.6791	7.9934				-	1.4363	1.8786
4.6763	E+02	E+05	8.8812	E+04	E+06	4.3337	E+03	E+05				2.9576	E+04	E+01
-	1.1772	6.0010	-	2.0725	3.2530	-	4.3395	2.3180				-	1.0773	1.0461
4.6763	E+02	E+05	8.8812	E+04	E+06	4.3337	E+03	E+06				2.9576	E+04	E+02
-	5.8859	2.6227	-	1.3817	3.6951	-	0.0000	5.1854				-	7.1817	5.4028
4.6763	E+01	E+06	8.8812	E+04	E+06	4.3337	E+03	E+06				2.9576	E+03	E+02
-	0.0000	1.0481	-	6.9084	4.6530	-	2.1698	4.0417				-	3.5909	7.1638
4.6763	E+00	E+07	8.8812	E+03	E+06	4.8967	E+03	E-02				2.9576	E+03	E+03
-	1.7069	1.7500	-	0.0000	1.5457	-	1.6056	8.4860				-	0.0000	3.0813
1.1333	E+03	E+00	8.8812	E+00	E+07	4.8967	E+03	E-02				2.9576	E+00	E+04
-	1.6480	4.7500	-	2.0725	2.0107	-	1.5622	1.7500				-	3.2318	4.0307
1.1333	E+03	E+00	9.6181	E+05	E+01	4.8967	E+03	E+00				3.3567	E+04	E+00
-	1.5892	5.4735	-	1.9343	7.6770	-	1.4320	6.2500				-	2.8727	3.8881
1.1333	E+03	E+00	9.6181	E+05	E+01	4.8967	E+03	E-01				3.3567	E+04	E-03
-	1.5303	4.8485	-	1.8653	2.0107	-	1.3887	4.0417				-	2.5136	1.6972
1.1333	E+03	E+00	9.6181	E+05	E+01	4.8967	E+03	E-02				3.3567	E+04	E-01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 1.1333 E+02	1.4715 E+03	5.4138 E+00	- 9.6181 E+04	1.7962 E+05	1.4297 E+01	- 4.8967 E+03	1.3453 E+04	7.4625 E-01				- 3.3567 E+04	2.1545 E+04	6.2837 E+00
- 1.1333 E+02	1.4126 E+03	7.0000 E+00	- 9.6181 E+04	1.7271 E+05	7.1485 E+00	- 4.8967 E+03	1.3019 E+04	1.2904 E+00				- 3.3567 E+04	1.7954 E+04	2.9537 E+00
- 1.1333 E+02	1.3538 E+03	1.3586 E+01	- 9.6181 E+04	1.6580 E+05	6.5480 E+02	- 4.8967 E+03	1.2151 E+04	4.0417 E-02				- 3.3567 E+04	1.4363 E+04	1.4977 E+01
- 1.1333 E+02	1.2949 E+03	9.5000 E+00	- 9.6181 E+04	1.5889 E+05	5.0952 E+02	- 4.8967 E+03	1.1717 E+04	4.0307 E+00				- 3.3567 E+04	1.0773 E+04	6.4069 E+01
- 1.1333 E+02	1.2360 E+03	3.1672 E+01	- 9.6181 E+04	1.5198 E+05	6.3492 E+02	- 4.8967 E+03	1.1283 E+04	1.0961 E+00				- 3.3567 E+04	7.1817 E+03	5.9146 E+02
- 1.1333 E+02	1.1772 E+03	1.5967 E+01	- 9.6181 E+04	1.4508 E+05	1.6335 E+03	- 4.8967 E+03	1.0849 E+04	1.7155 E+02				- 3.3567 E+04	3.5909 E+03	7.3140 E+03
- 1.1333 E+02	1.1183 E+03	3.3560 E+01	- 9.6181 E+04	1.3817 E+05	8.8756 E+02	- 4.8967 E+03	1.0415 E+04	1.5183 E+00				- 3.3567 E+04	0.0000 E+00	1.4989 E+04
- 1.1333 E+02	1.0595 E+03	2.3150 E+01	- 9.6181 E+04	1.3126 E+05	1.7316 E+03	- 4.8967 E+03	9.9809 E+03	1.5354 E+02				- 3.7557 E+04	3.5909 E+04	8.0833 E-02
- 1.1333 E+02	1.0006 E+03	3.0154 E+01	- 9.6181 E+04	1.2435 E+05	7.0462 E+03	- 4.8967 E+03	9.5470 E+03	2.9367 E+03				- 3.7557 E+04	2.8727 E+04	5.0000 E+00
- 1.1333 E+02	9.4174 E+02	3.7497 E+01	- 9.6181 E+04	1.1744 E+05	7.4805 E+03	- 4.8967 E+03	9.1130 E+03	4.5595 E+01				- 3.7557 E+04	2.1545 E+04	5.1782 E+00
- 1.1333 E+02	8.8288 E+02	6.8207 E+01	- 9.6181 E+04	1.1053 E+05	1.2868 E+04	- 4.8967 E+03	8.6791 E+03	1.6169 E+03				- 3.7557 E+04	1.7954 E+04	1.4071 E+01
- 1.1333 E+02	8.2402 E+02	9.2420 E+01	- 9.6181 E+04	1.0363 E+05	2.1779 E+04	- 4.8967 E+03	8.2451 E+03	6.0736 E+02				- 3.7557 E+04	1.4363 E+04	9.5955 E+00
- 1.1333 E+02	7.6516 E+02	8.5892 E+01	- 9.6181 E+04	9.6717 E+04	3.6165 E+04	- 4.8967 E+03	7.8112 E+03	2.1608 E+03				- 3.7557 E+04	1.0773 E+04	2.1070 E+01
- 1.1333 E+02	7.0631 E+02	1.0429 E+02	- 9.6181 E+04	8.9809 E+04	5.4015 E+04	- 4.8967 E+03	7.3772 E+03	1.9197 E+02				- 3.7557 E+04	7.1817 E+03	1.4030 E+02
- 1.1333 E+02	6.4745 E+02	1.8810 E+02	- 9.6181 E+04	8.2901 E+04	9.4453 E+04	- 4.8967 E+03	6.9433 E+03	1.6634 E+03				- 3.7557 E+04	3.5909 E+03	1.7009 E+03
- 1.1333 E+02	5.8859 E+02	1.5662 E+02	- 9.6181 E+04	7.5992 E+04	1.6428 E+05	- 4.8967 E+03	6.5093 E+03	4.6342 E+03				- 3.7557 E+04	0.0000 E+00	1.2284 E+04
- 1.1333 E+02	5.2973 E+02	4.0526 E+02	- 9.6181 E+04	6.9084 E+04	2.2316 E+05	- 4.8967 E+03	6.0753 E+03	1.4472 E+03				- 4.1548 E+04	2.1545 E+04	5.0000 E+00
- 1.1333 E+02	4.7087 E+02	4.1182 E+02	- 9.6181 E+04	6.2175 E+04	3.3839 E+05	- 4.8967 E+03	5.6414 E+03	1.0078 E+04				- 4.1548 E+04	1.0773 E+04	6.6376 E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 1.1333 E+02	4.1201 E+02	3.9110 E+03	- 9.6181 E+04	5.5267 E+04	4.5984 E+05	- 4.8967 E+03	5.2074 E+03	4.7123 E+03				- 4.1548 E+04	7.1817 E+03	8.9374 E+01
- 1.1333 E+02	3.5315 E+02	4.2344 E+03	- 9.6181 E+04	4.8359 E+04	7.8617 E+05	- 4.8967 E+03	4.7735 E+03	3.8043 E+03				- 4.1548 E+04	3.5909 E+03	1.1558 E+03
- 1.1333 E+02	2.9429 E+02	9.4129 E+03	- 9.6181 E+04	4.1450 E+04	1.1262 E+06	- 4.8967 E+03	4.3395 E+03	1.0138 E+04				- 4.1548 E+04	0.0000 E+00	3.9919 E+03
- 1.1333 E+02	2.3544 E+02	1.0414 E+04	- 9.6181 E+04	3.4542 E+04	1.8012 E+06	- 4.8967 E+03	3.9056 E+03	1.0976 E+04				- 4.5539 E+04	2.1545 E+04	8.3335 E-02
- 1.1333 E+02	1.7658 E+02	2.2155 E+04	- 9.6181 E+04	2.7634 E+04	2.4950 E+06	- 4.8967 E+03	3.4716 E+03	1.3245 E+04				- 4.5539 E+04	1.4363 E+04	5.0000 E+00
- 1.1333 E+02	1.1772 E+02	6.2195 E+04	- 9.6181 E+04	2.0725 E+04	3.6246 E+06	- 4.8967 E+03	3.0377 E+03	2.0141 E+04				- 4.5539 E+04	7.1817 E+03	3.1235 E+01
- 1.1333 E+02	5.8859 E+01	1.8903 E+05	- 9.6181 E+04	1.3817 E+04	3.8176 E+06	- 4.8967 E+03	2.6037 E+03	7.9715 E+03				- 4.5539 E+04	3.5909 E+03	4.6462 E+02
- 1.1333 E+02	0.0000 E+00	1.2408 E+06	- 9.6181 E+04	6.9084 E+03	4.9040 E+06	- 4.8967 E+03	2.1698 E+03	1.2840 E+04				- 4.5539 E+04	0.0000 E+00	4.8693 E+02
- 1.7989 E+02	1.7658 E+03	1.7500 E+00	- 9.6181 E+04	0.0000 E+00	1.4625 E+07	- 4.8967 E+03	1.7358 E+03	3.9366 E+04				- 4.9530 E+04	1.0773 E+04	1.6972 E-01
- 1.7989 E+02	1.7069 E+03	6.2500 E-01	- 1.0355 E+05	1.9343 E+05	2.0107 E+01	- 4.8967 E+03	1.3019 E+03	6.2583 E+04				- 4.9530 E+04	7.1817 E+03	1.8585 E-01
- 1.7989 E+02	1.6480 E+03	3.5000 E+00	- 1.0355 E+05	1.7962 E+05	6.3677 E+02	- 4.8967 E+03	8.6791 E+02	2.2629 E+05				- 4.9530 E+04	3.5909 E+03	2.1707 E+02
- 1.7989 E+02	1.5303 E+03	3.0985 E+00	- 1.0355 E+05	1.7271 E+05	4.0213 E+01	- 4.8967 E+03	4.3395 E+02	9.3837 E+05				- 4.9530 E+04	0.0000 E+00	9.5779 E+01
- 1.7989 E+02	1.4715 E+03	1.7500 E+00	- 1.0355 E+05	1.6580 E+05	5.6687 E+02	- 4.8967 E+03	0.0000 E+00	2.4354 E+06				- 5.3521 E+04	1.0773 E+04	5.0000 E+00
- 1.7989 E+02	1.4126 E+03	2.1947 E+01	- 1.0355 E+05	1.5889 E+05	2.1386 E+02	- 5.4597 E+03	2.0396 E+04	4.0417 E-02				- 5.3521 E+04	7.1817 E+03	5.1642 E+00
- 1.7989 E+02	1.3538 E+03	8.3485 E+00	- 1.0355 E+05	1.5198 E+05	1.4997 E+02	- 5.4597 E+03	1.0849 E+04	1.1060 E+02				- 5.3521 E+04	3.5909 E+03	1.9651 E+02
- 1.7989 E+02	1.2949 E+03	1.2796 E+01	- 1.0355 E+05	1.4508 E+05	4.0358 E+03	- 5.4597 E+03	1.0415 E+04	1.0013 E+02				- 5.3521 E+04	0.0000 E+00	1.3115 E+01
- 1.7989 E+02	1.2360 E+03	1.1447 E+01	- 1.0355 E+05	1.3817 E+05	2.5550 E+03	- 5.4597 E+03	9.9809 E+03	1.9552 E+02				- 5.7512 E+04	1.4363 E+04	5.0000 E+00
- 1.7989 E+02	1.1772 E+03	2.4144 E+01	- 1.0355 E+05	1.3126 E+05	3.1345 E+03	- 5.4597 E+03	9.5470 E+03	3.3238 E+00				- 5.7512 E+04	3.5909 E+03	3.1664 E+01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.1183	1.6697	-	1.2435	9.1478	-	9.1130	2.0802				-	0.0000	1.9056
1.7989	E+03	E+01	1.0355	E+05	E+03	5.4597	E+03	E+01				5.7512	E+00	E+02
E+02			E+05			E+03						E+04		
-	1.0595	2.9091	-	1.1744	8.0790	-	8.6791	1.8934				-	3.5909	1.7450
1.7989	E+03	E+01	1.0355	E+05	E+03	5.4597	E+03	E+01				6.1503	E+03	E+00
E+02			E+05			E+03						E+04		
-	1.0006	1.9296	-	1.1053	1.5413	-	8.2451	6.7436				-	0.0000	1.1433
1.7989	E+03	E+01	1.0355	E+05	E+04	5.4597	E+03	E+01				6.1503	E+00	E+01
E+02			E+05			E+03						E+04		
-	9.4174	5.3793	-	1.0363	1.9343	-	7.8112	5.1408				-	3.5909	1.6667
1.7989	E+02	E+01	1.0355	E+05	E+04	5.4597	E+03	E+01				6.5494	E+03	E-01
E+02			E+05			E+03						E+04		
-	8.8288	8.4330	-	9.6717	3.6565	-	7.3772	1.7626				-	0.0000	2.5024
1.7989	E+02	E+01	1.0355	E+05	E+04	5.4597	E+03	E+02				6.5494	E+00	E+01
E+02			E+05			E+03						E+04		
-	8.2402	5.3258	-	8.9809	5.6425	-	6.9433	5.5274				-	7.1817	5.0000
1.7989	E+02	E+01	1.0355	E+05	E+04	5.4597	E+03	E+01				6.9485	E+03	E+00
E+02			E+05			E+03						E+04		
-	7.6516	4.5073	-	8.2901	1.0368	-	6.5093	1.7765				-	3.5909	2.4184
1.7989	E+02	E+01	1.0355	E+05	E+05	5.4597	E+03	E+03				6.9485	E+03	E-02
E+02			E+05			E+03						E+04		
-	7.0631	1.1088	-	7.5992	1.6760	-	6.0753	1.3179				-	0.0000	1.9390
1.7989	E+02	E+02	1.0355	E+05	E+05	5.4597	E+03	E+03				6.9485	E+00	E-01
E+02			E+05			E+03						E+04		
-	6.4745	5.5647	-	6.9084	2.6309	-	5.6414	1.9580				-	0.0000	1.0024
1.7989	E+02	E+01	1.0355	E+05	E+05	5.4597	E+03	E+03				7.3476	E+00	E+01
E+02			E+05			E+03						E+04		
-	5.8859	1.4683	-	6.2175	3.8516	-	5.2074	3.2517				-	0.0000	5.0000
1.7989	E+02	E+02	1.0355	E+05	E+05	5.4597	E+03	E+03				7.7466	E+00	E+00
E+02			E+05			E+03						E+04		
-	5.2973	7.8652	-	5.5267	6.9555	-	4.7735	1.1104						
1.7989	E+02	E+01	1.0355	E+05	E+05	5.4597	E+03	E+03						
E+02			E+05			E+03								
-	4.7087	1.2311	-	4.8359	9.5822	-	4.3395	1.9245						
1.7989	E+02	E+02	1.0355	E+05	E+05	5.4597	E+03	E+03						
E+02			E+05			E+03								
-	4.1201	1.7326	-	4.1450	1.5115	-	3.9056	6.9744						
1.7989	E+02	E+02	1.0355	E+05	E+06	5.4597	E+03	E+03						
E+02			E+05			E+03								
-	3.5315	1.8048	-	3.4542	2.1539	-	3.4716	2.8494						
1.7989	E+02	E+02	1.0355	E+05	E+06	5.4597	E+03	E+03						
E+02			E+05			E+03								
-	2.9429	2.5793	-	2.7634	3.0144	-	3.0377	5.2719						
1.7989	E+02	E+02	1.0355	E+05	E+06	5.4597	E+03	E+02						
E+02			E+05			E+03								
-	2.3544	3.0135	-	2.0725	3.6996	-	2.6037	8.7949						
1.7989	E+02	E+02	1.0355	E+05	E+06	5.4597	E+03	E+02						
E+02			E+05			E+03								
-	1.7658	7.1080	-	1.3817	3.6031	-	2.1698	2.3329						
1.7989	E+02	E+03	1.0355	E+05	E+06	5.4597	E+03	E+03						
E+02			E+05			E+03								
-	1.1772	1.7323	-	6.9084	4.1121	-	1.7358	5.1795						
1.7989	E+02	E+04	1.0355	E+05	E+06	5.4597	E+03	E+03						
E+02			E+05			E+03								

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by WBS/RE
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	5.8859	1.9356	-	0.0000	1.3904	-	1.3019	1.0821						
1.7989	E+01	E+04	1.0355	E+00	E+07	5.4597	E+03	E+04						
-	0.0000	1.9548	-	1.7962	2.7477	-	8.6791	4.4906						
1.7989	E+00	E+05	1.1092	E+05	E+02	5.4597	E+03	E+04						
-	1.9423	1.7500	-	1.7271	4.9539	-	4.3395	2.3825						
2.4646	E+03	E+00	1.1092	E+05	E+01	5.4597	E+03	E+05						
-	1.7658	1.3485	-	1.6580	4.0213	-	0.0000	7.9526						
2.4646	E+03	E+00	1.1092	E+05	E+01	5.4597	E+03	E+05						
-	1.5303	2.3750	-	1.5889	1.7822	-	1.4320	4.0417						
2.4646	E+03	E+00	1.1092	E+05	E+03	6.0226	E+03	E-02						
-	1.4715	1.0092	-	1.5198	1.4471	-	1.2585	1.4297						
2.4646	E+03	E+01	1.1092	E+05	E+03	6.0226	E+03	E+01						
-	1.4126	4.0457	-	1.4508	2.1453	-	9.9809	8.5215						
2.4646	E+03	E+00	1.1092	E+05	E+03	6.0226	E+03	E+00						
-	1.3538	6.1971	-	1.3817	5.8160	-	9.5470	2.8798						
2.4646	E+03	E+00	1.1092	E+05	E+03	6.0226	E+03	E+00						
-	1.2949	4.8485	-	1.3126	5.6236	-	9.1130	1.6675						
2.4646	E+03	E+00	1.1092	E+05	E+03	6.0226	E+03	E+02						
-	1.2360	1.5894	-	1.2435	1.1170	-	8.6791	5.9757						
2.4646	E+03	E+01	1.1092	E+05	E+04	6.0226	E+03	E+01						
-	1.1772	1.0099	-	1.1744	1.3828	-	8.2451	2.0766						
2.4646	E+03	E+01	1.1092	E+05	E+04	6.0226	E+03	E+01						
-	1.1183	2.1498	-	1.1053	2.2747	-	7.8112	2.3077						
2.4646	E+03	E+01	1.1092	E+05	E+04	6.0226	E+03	E+02						
-	1.0595	1.0500	-	1.0363	2.5251	-	7.3772	9.5500						
2.4646	E+03	E+01	1.1092	E+05	E+04	6.0226	E+03	E+00						
-	1.0006	1.7644	-	9.6717	4.0961	-	6.9433	2.3133						
2.4646	E+03	E+01	1.1092	E+05	E+04	6.0226	E+03	E+02						
-	9.4174	2.7485	-	8.9809	5.6095	-	6.5093	1.4438						
2.4646	E+02	E+01	1.1092	E+05	E+04	6.0226	E+03	E+01						
-	8.8288	3.3933	-	8.2901	1.1633	-	6.0753	3.3226						
2.4646	E+02	E+01	1.1092	E+05	E+04	6.0226	E+03	E+02						
-	8.2402	2.9091	-	7.5992	1.9734	-	5.6414	2.2356						
2.4646	E+02	E+01	1.1092	E+05	E+04	6.0226	E+03	E+01						
-	7.6516	7.4471	-	6.9084	2.7602	-	5.2074	7.2728						
2.4646	E+02	E+00	1.1092	E+05	E+04	6.0226	E+03	E+01						

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by WBS/RE
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 2.4646 E+02	7.0631 E+02	4.2288 E+01	- 1.1092 E+05	6.2175 E+04	5.2196 E+05	- 6.0226 E+03	4.7735 E+03	7.9249 E+02						
- 2.4646 E+02	6.4745 E+02	5.0894 E+01	- 1.1092 E+05	5.5267 E+04	7.9401 E+05	- 6.0226 E+03	4.3395 E+03	1.7359 E+02						
- 2.4646 E+02	5.8859 E+02	3.6538 E+01	- 1.1092 E+05	4.8359 E+04	1.2074 E+06	- 6.0226 E+03	3.9056 E+03	1.5186 E+03						
- 2.4646 E+02	5.2973 E+02	3.9591 E+01	- 1.1092 E+05	4.1450 E+04	1.9119 E+06	- 6.0226 E+03	3.4716 E+03	6.0054 E+02						
- 2.4646 E+02	4.7087 E+02	2.6392 E+01	- 1.1092 E+05	3.4542 E+04	2.4939 E+06	- 6.0226 E+03	3.0377 E+03	4.0969 E+01						
- 2.4646 E+02	4.1201 E+02	3.1066 E+01	- 1.1092 E+05	2.7634 E+04	3.3710 E+06	- 6.0226 E+03	2.6037 E+03	1.8567 E+02						
- 2.4646 E+02	3.5315 E+02	1.7377 E+02	- 1.1092 E+05	2.0725 E+04	3.6611 E+06	- 6.0226 E+03	2.1698 E+03	9.4874 E+01						
- 2.4646 E+02	2.9429 E+02	4.5147 E+01	- 1.1092 E+05	1.3817 E+04	3.6524 E+06	- 6.0226 E+03	1.7358 E+03	6.7750 E+02						
- 2.4646 E+02	2.3544 E+02	7.5882 E+01	- 1.1092 E+05	6.9084 E+03	3.9975 E+06	- 6.0226 E+03	1.3019 E+03	3.5931 E+03						
- 2.4646 E+02	1.7658 E+02	1.7794 E+03	- 1.1092 E+05	0.0000 E+00	1.3341 E+07	- 6.0226 E+03	8.6791 E+02	1.0030 E+04						
- 2.4646 E+02	1.1772 E+02	1.8549 E+03	- 1.1829 E+05	1.7271 E+05	1.9905 E+03	- 6.0226 E+03	4.3395 E+02	7.2321 E+04						
- 2.4646 E+02	5.8859 E+01	2.6990 E+03	- 1.1829 E+05	1.6580 E+05	8.2186 E+02	- 6.0226 E+03	0.0000 E+00	2.7771 E+05						
- 2.4646 E+02	0.0000 E+00	3.9455 E+04	- 1.1829 E+05	1.5889 E+05	3.0514 E+03	- 6.5856 E+03	9.9809 E+03	2.5055 E-01						
- 3.1302 E+02	1.4126 E+03	1.7500 E+00	- 1.1829 E+05	1.5198 E+05	1.9083 E+03	- 6.5856 E+03	9.1130 E+03	1.6972 E-01						
- 3.1302 E+02	1.3538 E+03	1.7500 E+00	- 1.1829 E+05	1.4508 E+05	7.8328 E+03	- 6.5856 E+03	8.6791 E+03	1.0557 E+00						
- 3.1302 E+02	1.2949 E+03	3.5000 E+00	- 1.1829 E+05	1.3817 E+05	4.1890 E+03	- 6.5856 E+03	8.2451 E+03	2.7594 E+00						
- 3.1302 E+02	1.2360 E+03	7.5456 E+00	- 1.1829 E+05	1.3126 E+05	1.0591 E+04	- 6.5856 E+03	7.8112 E+03	2.5055 E-01						
- 3.1302 E+02	1.1772 E+03	5.5985 E+00	- 1.1829 E+05	1.2435 E+05	1.3313 E+04	- 6.5856 E+03	7.3772 E+03	1.2960 E+00						

Original Instruction: T05 0138-8633 VER 00
4426-7700-00-00-01-0 - Jaberster@dnv.com - Yvonne Förster
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBSRRE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	3.1302	1.1183	5.2956	-	1.1744	3.7003	-	6.9433	1.7037					
E+02	E+03	E+00	E+05	E+05	E+04	E+03	E+03	E+00						
-	3.1302	1.0595	3.0985	-	1.1053	2.2634	-	6.5093	1.0153					
E+02	E+03	E+00	E+05	E+05	E+04	E+03	E+03	E+01						
-	3.1302	1.0006	9.6971	-	1.0363	3.6517	-	6.0753	3.3793					
E+02	E+03	E+00	E+05	E+05	E+04	E+03	E+03	E+00						
-	3.1302	8.8288	6.1971	-	9.6717	4.1196	-	5.6414	1.8475					
E+02	E+02	E+00	E+05	E+04	E+04	E+03	E+03	E+02						
-	3.1302	8.2402	1.4000	-	8.9809	8.8399	-	5.2074	5.1531					
E+02	E+02	E+01	E+05	E+04	E+04	E+03	E+03	E+00						
-	3.1302	7.6516	1.7947	-	8.2901	1.3853	-	4.7735	2.4567					
E+02	E+02	E+01	E+05	E+04	E+05	E+03	E+03	E+01						
-	3.1302	7.0631	1.6697	-	7.5992	1.6741	-	4.3395	6.3811					
E+02	E+02	E+01	E+05	E+04	E+05	E+03	E+03	E+00						
-	3.1302	6.4745	2.5235	-	6.9084	3.2397	-	3.9056	2.4495					
E+02	E+02	E+01	E+05	E+04	E+05	E+03	E+03	E+01						
-	3.1302	5.8859	1.3197	-	6.2175	5.0082	-	3.4716	2.9113					
E+02	E+02	E+01	E+05	E+04	E+05	E+03	E+03	E+01						
-	3.1302	5.2973	2.4788	-	5.5267	9.0633	-	3.0377	2.2300					
E+02	E+02	E+01	E+05	E+04	E+05	E+03	E+03	E+02						
-	3.1302	4.7087	3.7986	-	4.8359	1.3961	-	2.6037	2.3620					
E+02	E+02	E+01	E+05	E+04	E+06	E+03	E+03	E+00						
-	3.1302	4.1201	1.5975	-	4.1450	2.1818	-	2.1698	2.3287					
E+02	E+02	E+01	E+05	E+04	E+06	E+03	E+03	E+01						
-	3.1302	3.5315	3.1869	-	3.4542	2.8000	-	1.7358	3.3181					
E+02	E+02	E+01	E+05	E+04	E+06	E+03	E+03	E+01						
-	3.1302	2.9429	5.1547	-	2.7634	3.6370	-	1.3019	1.4346					
E+02	E+02	E+01	E+05	E+04	E+06	E+03	E+03	E+03						
-	3.1302	2.3544	4.3727	-	2.0725	4.1775	-	8.6791	4.4955					
E+02	E+02	E+01	E+05	E+04	E+06	E+03	E+03	E+03						
-	3.1302	1.7658	3.5100	-	1.3817	4.0037	-	4.3395	2.9211					
E+02	E+02	E+01	E+05	E+04	E+06	E+03	E+03	E+04						
-	3.1302	1.1772	3.0952	-	6.9084	4.0554	-	0.0000	5.4446					
E+02	E+02	E+02	E+05	E+03	E+06	E+06	E+03	E+00	E+04					
-	3.1302	5.8859	3.8630	-	0.0000	1.4071	-	9.5470	4.0307					
E+02	E+01	E+03	E+05	E+00	E+07	E+03	E+03	E+03	E+00					

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	0.0000	1.1088	-	1.8653	1.0657	-	8.6791	1.6972						
3.1302	E+00	E+04	1.2566	E+05	E+02	7.1485	E+03	E-01						
-	1.4126	3.0985	-	1.7271	2.7477	-	7.3772	4.0307						
3.7959	E+03	E+00	1.2566	E+05	E+02	7.1485	E+03	E+00						
-	1.2949	8.3485	-	1.6580	7.5917	-	6.9433	1.0557						
3.7959	E+03	E+00	1.2566	E+05	E+02	7.1485	E+03	E+00						
-	1.1772	1.3485	-	1.5889	1.5055	-	6.5093	1.0557						
3.7959	E+03	E+00	1.2566	E+05	E+03	7.1485	E+03	E+00						
-	1.0006	2.6971	-	1.5198	2.2271	-	6.0753	8.5706						
3.7959	E+03	E+00	1.2566	E+05	E+03	7.1485	E+03	E+00						
-	7.6516	1.3197	-	1.4508	9.4960	-	5.6414	6.0076						
3.7959	E+02	E+01	1.2566	E+05	E+03	7.1485	E+03	E+00						
-	7.0631	1.0500	-	1.3817	7.8308	-	5.2074	8.1774						
3.7959	E+02	E+01	1.2566	E+05	E+03	7.1485	E+03	E-01						
-	6.4745	2.6971	-	1.3126	1.9182	-	4.7735	4.0307						
3.7959	E+02	E+00	1.2566	E+05	E+04	7.1485	E+03	E+00						
-	5.8859	2.6971	-	1.2435	2.6858	-	4.3395	4.1115						
3.7959	E+02	E+00	1.2566	E+05	E+04	7.1485	E+03	E+00						
-	5.2973	1.8672	-	1.1744	1.7265	-	3.9056	4.1115						
3.7959	E+02	E+01	1.2566	E+05	E+04	7.1485	E+03	E+00						
-	4.7087	1.6697	-	1.1053	2.8260	-	3.4716	1.0410						
3.7959	E+02	E+01	1.2566	E+05	E+04	7.1485	E+03	E+01						
-	4.1201	1.6859	-	1.0363	4.4010	-	3.0377	1.4467						
3.7959	E+02	E+01	1.2566	E+05	E+04	7.1485	E+03	E+01						
-	3.5315	2.2091	-	9.6717	9.0888	-	2.1698	1.4755						
3.7959	E+02	E+01	1.2566	E+05	E+04	7.1485	E+03	E+01						
-	2.9429	2.7485	-	8.9809	1.1106	-	1.7358	2.5055						
3.7959	E+02	E+01	1.2566	E+05	E+05	7.1485	E+03	E-01						
-	2.3544	1.9844	-	8.2901	1.4755	-	1.3019	1.6966						
3.7959	E+02	E+01	1.2566	E+05	E+05	7.1485	E+03	E+02						
-	1.7658	2.1094	-	7.5992	2.3843	-	8.6791	3.2314						
3.7959	E+02	E+01	1.2566	E+05	E+05	7.1485	E+03	E+02						
-	1.1772	1.2153	-	6.9084	3.2787	-	4.3395	5.7866						
3.7959	E+02	E+02	1.2566	E+05	E+05	7.1485	E+03	E+03						
-	5.8859	2.1805	-	6.2175	6.2532	-	0.0000	2.7624						
3.7959	E+01	E+02	1.2566	E+05	E+05	7.1485	E+03	E+04						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	0.0000	4.3069	-	5.5267	1.0047	-	6.5093	1.1365						
3.7959	E+00	E+02	1.2566	E+04	E+06	7.7115	E+03	E+00						
-	1.8246	1.7500	-	4.8359	1.4240	-	5.6414	6.4802						
4.4615	E+03	E+00	1.2566	E+04	E+06	7.7115	E+03	E-01						
-	1.4715	1.3485	-	4.1450	2.2415	-	4.3395	4.1115						
4.4615	E+03	E+00	1.2566	E+04	E+06	7.7115	E+03	E+00						
-	1.2360	1.7500	-	3.4542	3.0423	-	3.4716	1.0557						
4.4615	E+03	E+00	1.2566	E+04	E+06	7.7115	E+03	E+00						
-	1.0006	3.5000	-	2.7634	3.9723	-	3.0377	2.4298						
4.4615	E+03	E+00	1.2566	E+04	E+06	7.7115	E+03	E+00						
-	8.8288	2.6971	-	2.0725	4.6859	-	2.6037	1.0557						
4.4615	E+02	E+00	1.2566	E+04	E+06	7.7115	E+03	E+00						
-	7.6516	1.6614	-	1.3817	4.2235	-	1.7358	7.5199						
4.4615	E+02	E+01	1.2566	E+04	E+06	7.7115	E+03	E+00						
-	6.4745	2.6971	-	6.9084	5.3878	-	1.3019	1.3796						
4.4615	E+02	E+00	1.2566	E+03	E+06	7.7115	E+03	E+01						
-	5.8859	9.6971	-	0.0000	1.6946	-	8.6791	4.9422						
4.4615	E+02	E+00	1.2566	E+00	E+07	7.7115	E+03	E+01						
-	5.2973	1.1591	-	1.5889	2.7477	-	4.3395	1.7589						
4.4615	E+02	E+01	1.3303	E+05	E+02	7.7115	E+03	E+03						
-	4.7087	1.1591	-	1.5198	7.9668	-	0.0000	3.9802						
4.4615	E+02	E+01	1.3303	E+05	E+02	7.7115	E+03	E+03						
-	4.1201	2.0197	-	1.4508	1.5454	-	6.5093	8.0833						
4.4615	E+02	E+01	1.3303	E+05	E+03	8.2745	E+03	E-02						
-	3.5315	7.0000	-	1.3817	5.0672	-	6.0753	1.1365						
4.4615	E+02	E+00	1.3303	E+05	E+03	8.2745	E+03	E+00						
-	2.9429	1.4079	-	1.3126	1.6889	-	5.6414	1.0557						
4.4615	E+02	E+01	1.3303	E+05	E+04	8.2745	E+03	E+00						
-	2.3544	6.2779	-	1.2435	2.2909	-	5.2074	8.0833						
4.4615	E+02	E+00	1.3303	E+05	E+04	8.2745	E+03	E-02						
-	1.7658	1.6985	-	1.1744	3.3200	-	4.7735	6.4802						
4.4615	E+02	E+01	1.3303	E+05	E+04	8.2745	E+03	E-01						
-	1.1772	7.0000	-	1.1053	5.7379	-	4.3395	1.2500						
4.4615	E+02	E+01	1.3303	E+05	E+04	8.2745	E+03	E+00						
-	5.8859	8.4999	-	1.0363	4.8965	-	3.0377	1.0557						
4.4615	E+01	E+01	1.3303	E+05	E+04	8.2745	E+03	E+00						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	0.0000	2.5965	-	9.6717	6.5716	-	2.1698	7.7874						
4.4615	E+00	E+02	1.3303	E+04	E+04	8.2745	E+03	E+00						
-	5.2973	6.1971	-	8.9809	1.0925	-	1.7358	1.4297						
5.1272	E+02	E+00	1.3303	E+04	E+05	8.2745	E+03	E+01						
-	4.1201	6.1971	-	8.2901	1.6320	-	1.3019	8.0833						
5.1272	E+02	E+00	1.3303	E+04	E+05	8.2745	E+03	E-02						
-	3.5315	2.6971	-	7.5992	2.8087	-	8.6791	3.6044						
5.1272	E+02	E+00	1.3303	E+04	E+05	8.2745	E+03	E+01						
-	2.9429	1.1591	-	6.9084	3.4682	-	4.3395	6.5540						
5.1272	E+02	E+01	1.3303	E+04	E+05	8.2745	E+03	E+01						
-	2.3544	8.0913	-	6.2175	6.1546	-	0.0000	2.4285						
5.1272	E+02	E+00	1.3303	E+04	E+05	8.2745	E+03	E+03						
-	1.7658	1.5894	-	5.5267	9.9376	-	6.9433	3.5000						
5.1272	E+02	E+01	1.3303	E+04	E+05	8.8374	E+03	E+00						
-	1.1772	1.7788	-	4.8359	1.4420	-	6.0753	1.6972						
5.1272	E+02	E+01	1.3303	E+04	E+06	8.8374	E+03	E-01						
-	5.8859	6.5663	-	4.1450	2.3676	-	3.4716	1.6972						
5.1272	E+02	E+01	1.3303	E+04	E+06	8.8374	E+03	E-01						
-	0.0000	1.8901	-	3.4542	3.5085	-	3.0377	6.4802						
5.1272	E+02	E+02	1.3303	E+04	E+06	8.8374	E+03	E-01						
-	7.0631	2.6971	-	2.7634	4.1896	-	1.3019	4.1115						
5.7928	E+02	E+00	1.3303	E+04	E+06	8.8374	E+03	E+00						
-	6.4745	5.3942	-	2.0725	4.8282	-	8.6791	6.9543						
5.7928	E+02	E+00	1.3303	E+04	E+06	8.8374	E+03	E+00						
-	4.7087	6.1971	-	1.3817	5.1743	-	4.3395	3.5871						
5.7928	E+02	E+00	1.3303	E+04	E+06	8.8374	E+03	E+02						
-	4.1201	6.1971	-	6.9084	5.8051	-	0.0000	2.5751						
5.7928	E+02	E+00	1.3303	E+03	E+06	8.8374	E+03	E+02						
-	3.5315	2.6971	-	0.0000	1.9772	-	1.3019	1.2254						
5.7928	E+02	E+00	1.3303	E+00	E+07	9.4004	E+03	E+00						
-	2.9429	6.1971	-	1.5889	1.1200	-	8.6791	3.3944						
5.7928	E+02	E+00	1.4039	E+05	E+03	9.4004	E+03	E-01						
-	2.3544	5.4750	-	1.4508	1.3192	-	4.3395	8.3086						
5.7928	E+02	E+00	1.4039	E+05	E+03	9.4004	E+03	E+00						
-	1.7658	1.8667	-	1.3817	2.0836	-	0.0000	1.9036						
5.7928	E+02	E+01	1.4039	E+05	E+03	9.4004	E+03	E+02						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.1772	1.2394	-	1.3126	8.7475	-	4.7735	8.0833						
5.7928	E+02	E+01	1.4039	E+05	E+03	9.9634	E+03	E-02						
-	5.8859	5.3153	-	1.2435	7.5693	-	1.3019	8.0833						
5.7928	E+02	E+01	1.4039	E+05	E+03	9.9634	E+03	E-02						
-	0.0000	2.2960	-	1.1744	1.8396	-	4.3395	1.0557						
5.7928	E+02	E+02	1.4039	E+05	E+04	9.9634	E+03	E+00						
-	3.5315	5.3942	-	1.1053	2.5404	-	0.0000	6.9725						
6.4584	E+02	E+00	1.4039	E+05	E+04	9.9634	E+03	E+01						
-	2.3544	8.0833	-	1.0363	5.0244	-	4.3395	5.0000						
6.4584	E+02	E-02	1.4039	E+05	E+04	1.0526	E+04	E+00						
-	1.1772	1.4447	-	9.6717	7.6849	-	0.0000	2.2681						
6.4584	E+02	E+01	1.4039	E+05	E+04	1.0526	E+04	E+00						
-	5.8859	2.8364	-	8.9809	1.3988	-	4.3395	5.2506						
6.4584	E+02	E+01	1.4039	E+05	E+05	1.1089	E+04	E+00						
-	0.0000	4.1191	-	8.2901	1.6477	-	0.0000	8.0833						
6.4584	E+02	E+01	1.4039	E+05	E+05	1.1089	E+04	E-02						
-	3.5315	2.6971	-	7.5992	2.7781	-	0.0000	8.0833						
7.1241	E+02	E+00	1.4039	E+05	E+05	1.1652	E+04	E-02						
-	1.7658	2.6971	-	6.9084	4.2590	-	0.0000	1.6972						
7.1241	E+02	E+00	1.4039	E+05	E+05	1.2215	E+04	E-01						
-	1.1772	6.1971	-	6.2175	7.1012	-	0.0000	3.5000						
7.1241	E+02	E+00	1.4039	E+05	E+05	1.2778	E+04	E+00						
-	5.8859	1.8591	-	5.5267	1.0746									
7.1241	E+02	E+01	1.4039	E+05	E+06									
-	0.0000	2.4591	-	4.8359	1.7449									
7.1241	E+02	E+01	1.4039	E+05	E+06									
-	5.8859	7.0000	-	4.1450	2.9068									
7.7897	E+02	E+00	1.4039	E+05	E+06									
-	0.0000	2.3788	-	3.4542	4.1083									
7.7897	E+02	E+01	1.4039	E+05	E+06									
-	0.0000	2.0114	-	2.7634	5.4907									
8.4554	E+02	E+01	1.4039	E+05	E+06									
			-	2.0725	5.7731									
			1.4039	E+05	E+06									
			-	1.3817	5.6939									
			1.4039	E+05	E+06									

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
			- 1.4039 E+05	6.9084 E+03	6.9416 E+06									
			- 1.4039 E+05	0.0000 E+00	2.2901 E+07									
			- 1.4776 E+05	1.5198 E+05	1.3485 E+00									
			- 1.4776 E+05	1.3817 E+05	1.0791 E+02									
			- 1.4776 E+05	1.3126 E+05	7.6045 E+02									
			- 1.4776 E+05	1.1744 E+05	1.5119 E+03									
			- 1.4776 E+05	1.1053 E+05	5.2675 E+03									
			- 1.4776 E+05	1.0363 E+05	1.4757 E+04									
			- 1.4776 E+05	9.6717 E+04	1.7227 E+04									
			- 1.4776 E+05	8.9809 E+04	5.0970 E+04									
			- 1.4776 E+05	8.2901 E+04	8.5399 E+04									
			- 1.4776 E+05	7.5992 E+04	1.8802 E+05									
			- 1.4776 E+05	6.9084 E+04	4.0521 E+05									
			- 1.4776 E+05	6.2175 E+04	7.1759 E+05									
			- 1.4776 E+05	5.5267 E+04	1.1962 E+06									
			- 1.4776 E+05	4.8359 E+04	2.2146 E+06									
			- 1.4776 E+05	4.1450 E+04	3.5993 E+06									
			- 1.4776 E+05	3.4542 E+04	5.2056 E+06									

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 Original Instruction: T05 0138-8633 VER 00
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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
			- 1.4776 E+05	2.7634 E+04	7.0428 E+06									
			- 1.4776 E+05	2.0725 E+04	7.5834 E+06									
			- 1.4776 E+05	1.3817 E+04	7.7758 E+06									
			- 1.4776 E+05	6.9084 E+03	8.8123 E+06									
			- 1.4776 E+05	0.0000 E+00	2.6560 E+07									
			- 1.5513 E+05	1.3817 E+05	1.3485 E+00									
			- 1.5513 E+05	1.2435 E+05	1.3485 E+00									
			- 1.5513 E+05	1.1744 E+05	1.3485 E+00									
			- 1.5513 E+05	1.1053 E+05	1.9917 E+02									
			- 1.5513 E+05	1.0363 E+05	1.4502 E+03									
			- 1.5513 E+05	9.6717 E+04	4.5523 E+03									
			- 1.5513 E+05	8.9809 E+04	1.8253 E+04									
			- 1.5513 E+05	8.2901 E+04	2.9292 E+04									
			- 1.5513 E+05	7.5992 E+04	6.9173 E+04									
			- 1.5513 E+05	6.9084 E+04	1.6236 E+05									
			- 1.5513 E+05	6.2175 E+04	3.3558 E+05									
			- 1.5513 E+05	5.5267 E+04	7.2288 E+05									
			- 1.5513 E+05	4.8359 E+04	1.2467 E+06									

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Markov Matrices

F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
			- 1.5513 E+05	4.1450 E+04	2.1035 E+06									
			- 1.5513 E+05	3.4542 E+04	3.3488 E+06									
			- 1.5513 E+05	2.7634 E+04	4.4482 E+06									
			- 1.5513 E+05	2.0725 E+04	5.1234 E+06									
			- 1.5513 E+05	1.3817 E+04	5.1783 E+06									
			- 1.5513 E+05	6.9084 E+03	6.6461 E+06									
			- 1.5513 E+05	0.0000 E+00	1.8815 E+07									
			- 1.6250 E+05	1.3817 E+05	1.3485 E+00									
			- 1.6250 E+05	1.0363 E+05	1.3485 E+00									
			- 1.6250 E+05	8.9809 E+04	5.2085 E+00									
			- 1.6250 E+05	7.5992 E+04	3.8330 E+03									
			- 1.6250 E+05	6.9084 E+04	1.2115 E+04									
			- 1.6250 E+05	6.2175 E+04	4.1071 E+04									
			- 1.6250 E+05	5.5267 E+04	8.3762 E+04									
			- 1.6250 E+05	4.8359 E+04	1.7432 E+05									
			- 1.6250 E+05	4.1450 E+04	4.1817 E+05									
			- 1.6250 E+05	3.4542 E+04	6.2758 E+05									
			- 1.6250 E+05	2.7634 E+04	8.4907 E+05									

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Markov Matrices

F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
			- 1.6250 E+05	2.0725 E+04	1.1303 E+06									
			- 1.6250 E+05	1.3817 E+04	1.0811 E+06									
			- 1.6250 E+05	6.9084 E+03	1.7085 E+06									
			- 1.6250 E+05	0.0000 E+00	8.2465 E+06									
			- 1.6987 E+05	8.2901 E+04	4.2626 E+02									
			- 1.6987 E+05	6.9084 E+04	5.3942 E+00									
			- 1.6987 E+05	6.2175 E+04	5.3942 E+00									
			- 1.6987 E+05	5.5267 E+04	4.0373 E+02									
			- 1.6987 E+05	4.8359 E+04	4.4240 E+03									
			- 1.6987 E+05	4.1450 E+04	1.5147 E+04									
			- 1.6987 E+05	3.4542 E+04	2.8736 E+04									
			- 1.6987 E+05	2.7634 E+04	4.7004 E+04									
			- 1.6987 E+05	2.0725 E+04	6.2470 E+04									
			- 1.6987 E+05	1.3817 E+04	9.4509 E+04									
			- 1.6987 E+05	6.9084 E+03	2.2746 E+05									
			- 1.6987 E+05	0.0000 E+00	2.3345 E+06									
			- 1.7724 E+05	5.5267 E+04	5.3942 E+00									
			- 1.7724 E+05	4.1450 E+04	1.0788 E+01									

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Markov Matrices

F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
			- 1.7724 E+05	3.4542 E+04	2.6971 E+00									
			- 1.7724 E+05	2.7634 E+04	1.0788 E+01									
			- 1.7724 E+05	2.0725 E+04	1.6183 E+01									
			- 1.7724 E+05	1.3817 E+04	7.8472 E+02									
			- 1.7724 E+05	6.9084 E+03	9.3338 E+03									
			- 1.7724 E+05	0.0000 E+00	4.5570 E+05									
			- 1.8461 E+05	3.4542 E+04	2.6971 E+00									
			- 1.8461 E+05	2.7634 E+04	1.0788 E+01									
			- 1.8461 E+05	2.0725 E+04	2.6971 E+00									
			- 1.8461 E+05	1.3817 E+04	2.6971 E+00									
			- 1.8461 E+05	6.9084 E+03	1.0377 E+03									
			- 1.8461 E+05	0.0000 E+00	3.0868 E+04									
			- 1.9198 E+05	3.4542 E+04	2.6971 E+00									
			- 1.9198 E+05	2.0725 E+04	2.6971 E+00									
			- 1.9198 E+05	6.9084 E+03	5.3942 E+00									
			- 1.9198 E+05	0.0000 E+00	2.3338 E+03									
			- 1.9934 E+05	6.9084 E+03	8.0913 E+00									
			- 1.9934 E+05	0.0000 E+00	1.3486 E+01									

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Class T05

Document:
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Description:
 Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices

F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles

Table 5-4 [2] Markov Matrix

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Appendix D. Markov matrices – issued from [3]

This appendix contains the Markov Matrices for the shear force, the bending moment and the torsional moment in the bottom of the tower, from ref. [3]. Foundation design must be verified for the most critical Markov matrices.

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.5112 E+03	0.0000 E+00	3.3713 E+00	1.4458 E+05	0.0000 E+00	3.3713 E+00	9.8902 E+03	1.2289 E+03	3.3713 E+00	6.6017 E+02	0.0000 E+00	1.5317 E+00	8.4896 E+04	3.6832 E+03	2.1215 E-01
1.4468 E+03	5.4678 E+01	1.7872 E+01	1.3708 E+05	0.0000 E+00	1.3021 E+01	9.8902 E+03	0.0000 E+00	3.3713 E+00	6.2293 E+02	0.0000 E+00	8.0856 E+00	7.6594 E+04	3.6832 E+03	2.1215 E-01
1.4468 E+03	0.0000 E+00	4.2076 E+03	1.2207 E+05	0.0000 E+00	1.3021 E+01	8.9055 E+03	2.8675 E+03	3.3713 E+00	5.8570 E+02	3.6498 E+01	5.0384 E+00	7.6594 E+04	0.0000 E+00	5.0000 E+00
1.3825 E+03	5.4678 E+01	2.4674 E+01	1.1456 E+05	6.3871 E+03	1.0243 E+01	8.4132 E+03	8.1928 E+02	3.3713 E+00	5.8570 E+02	0.0000 E+00	3.1935 E+01	7.2443 E+04	7.3665 E+03	5.0384 E+00
1.3825 E+03	0.0000 E+00	1.6118 E+03	1.1456 E+05	0.0000 E+00	1.0114 E+01	8.4132 E+03	0.0000 E+00	1.7872 E+01	5.4846 E+02	3.6498 E+01	2.7278 E+00	7.2443 E+04	3.6832 E+03	2.1215 E-01
1.3182 E+03	2.1871 E+02	3.3713 E+00	1.0706 E+05	2.5548 E+04	3.3713 E+00	7.9209 E+03	4.0964 E+02	1.0083 E-01	5.4846 E+02	0.0000 E+00	2.4891 E+02	7.2443 E+04	0.0000 E+00	1.6416 E+01
1.3182 E+03	5.4678 E+01	2.1028 E+03	1.0706 E+05	1.2774 E+04	3.3713 E+00	7.9209 E+03	0.0000 E+00	2.0833 E+02	5.1122 E+02	2.1899 E+02	5.0000 E+00	6.8292 E+04	3.6832 E+03	3.8368 E-01
1.3182 E+03	0.0000 E+00	4.6035 E+03	1.0706 E+05	6.3871 E+03	6.7426 E+00	7.4285 E+03	0.0000 E+00	1.5228 E+03	5.1122 E+02	7.2997 E+01	2.6344 E+00	6.8292 E+04	0.0000 E+00	2.2817 E+02
1.2539 E+03	2.7339 E+02	4.9792 E+02	1.0706 E+05	0.0000 E+00	2.3985 E+01	6.9362 E+03	2.8675 E+03	3.3713 E+00	5.1122 E+02	3.6498 E+01	1.0222 E+00	6.4141 E+04	7.3665 E+03	2.2788 E+00
1.2539 E+03	2.1871 E+02	1.9046 E+03	9.9553 E+04	6.3871 E+03	1.0371 E+01	6.9362 E+03	1.2289 E+03	1.3196 E+00	5.1122 E+02	0.0000 E+00	9.7344 E+01	6.4141 E+04	3.6832 E+03	5.0049 E+00
1.2539 E+03	1.6404 E+02	6.9368 E+02	9.9553 E+04	0.0000 E+00	2.7743 E+01	6.9362 E+03	4.0964 E+02	2.6708 E+02	4.7399 E+02	2.1899 E+02	5.0000 E+00	6.4141 E+04	0.0000 E+00	2.5689 E+01
1.2539 E+03	1.0936 E+02	5.0803 E+02	9.2048 E+04	6.3871 E+03	1.6392 E+01	6.9362 E+03	0.0000 E+00	1.8162 E+01	4.7399 E+02	1.8249 E+02	1.2782 E-01	5.9989 E+04	5.1565 E+04	1.0222 E+00
1.2539 E+03	5.4678 E+01	8.1613 E+03	9.2048 E+04	0.0000 E+00	5.7978 E+01	6.4438 E+03	7.3735 E+03	3.5000 E+00	4.7399 E+02	1.0949 E+02	2.0833 E+02	5.9989 E+04	2.2099 E+04	2.1215 E-01
1.2539 E+03	0.0000 E+00	3.0291 E+04	8.4542 E+04	2.5548 E+04	7.0000 E+00	6.4438 E+03	2.4578 E+03	3.5000 E+00	4.7399 E+02	7.2997 E+01	4.3668 E+00	5.9989 E+04	1.4733 E+04	7.6776 E+00
1.1896 E+03	3.2807 E+02	1.0083 E-01	8.4542 E+04	1.9161 E+04	1.0114 E+01	6.4438 E+03	8.1928 E+02	1.4090 E+01	4.7399 E+02	3.6498 E+01	2.1648 E+02	5.9989 E+04	1.1050 E+04	6.4162 E+00
1.1896 E+03	2.7339 E+02	2.6988 E+02	8.4542 E+04	6.3871 E+03	4.4985 E+01	6.4438 E+03	4.0964 E+02	3.5000 E+00	4.7399 E+02	0.0000 E+00	3.6790 E+02	5.9989 E+04	7.3665 E+03	2.1215 E-01
1.1896 E+03	2.1871 E+02	6.7426 E+00	8.4542 E+04	0.0000 E+00	7.7220 E+01	6.4438 E+03	0.0000 E+00	1.7208 E+03	4.3675 E+02	1.4599 E+02	5.2122 E+00	5.9989 E+04	3.6832 E+03	2.7985 E+01
1.1896 E+03	1.6404 E+02	7.0055 E+02	7.7037 E+04	1.9161 E+04	3.5000 E+00	5.9515 E+03	3.6868 E+03	3.3713 E+00	4.3675 E+02	1.0949 E+02	5.0000 E+00	5.9989 E+04	0.0000 E+00	4.9850 E+01
1.1896 E+03	1.0936 E+02	4.2878 E+04	7.7037 E+04	1.2774 E+04	1.3871 E+01	5.9515 E+03	2.4578 E+03	2.1303 E+01	4.3675 E+02	7.2997 E+01	1.2672 E+01	5.5838 E+04	4.0515 E+04	2.1215 E-01
1.1896 E+03	5.4678 E+01	8.7877 E+04	7.7037 E+04	6.3871 E+03	5.8599 E+01	5.9515 E+03	1.2289 E+03	3.5000 E+00	4.3675 E+02	3.6498 E+01	2.5157 E+02	5.5838 E+04	3.3149 E+04	2.1215 E-01
1.1896 E+03	0.0000 E+00	1.5398 E+05	7.7037 E+04	0.0000 E+00	9.4922 E+01	5.9515 E+03	8.1928 E+02	5.5795 E+00	4.3675 E+02	0.0000 E+00	1.0091 E+03	5.5838 E+04	2.9466 E+04	8.1003 E-01
1.1252 E+03	4.3743 E+02	3.3713 E+00	6.9532 E+04	4.4710 E+04	3.3713 E+00	5.9515 E+03	4.0964 E+02	8.7213 E+02	3.9951 E+02	5.4747 E+02	5.0000 E+00	5.5838 E+04	2.5783 E+04	5.0384 E+00
1.1252 E+03	3.8275 E+02	7.0000 E+02	6.9532 E+04	3.1935 E+04	3.3713 E+00	5.9515 E+03	0.0000 E+00	4.1094 E+03	3.9951 E+02	2.5549 E+02	4.8602 E-03	5.5838 E+04	2.2099 E+04	2.1296 E+00
1.1252 E+03	3.2807 E+02	1.3485 E+01	6.9532 E+04	2.5548 E+04	4.6213 E+00	5.4592 E+03	6.5543 E+03	1.7872 E+01	3.9951 E+02	1.8249 E+02	1.3004 E+00	5.5838 E+04	1.8416 E+04	6.0945 E+00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.1252	2.7339	2.0743	6.9532	1.9161	1.0371	5.4592	4.5061	7.0000	3.9951	1.0949	1.0457	5.5838	1.4733	1.2928
E+03	E+02	E+03	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+02	E+01	E+04	E+04	E+01
1.1252	2.1871	2.0710	6.9532	1.2774	3.2336	5.4592	4.0964	9.0795	3.9951	7.2997	6.4204	5.5838	1.1050	4.0519
E+03	E+02	E+04	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+01	E+00	E+04	E+04	E+01
1.1252	1.6404	7.4593	6.9532	6.3871	5.1571	5.4592	3.2771	5.5795	3.9951	3.6498	7.9717	5.5838	7.3665	7.1504
E+03	E+02	E+04	E+04	E+03	E+01	E+03	E+03	E+00	E+02	E+01	E+01	E+04	E+03	E+00
1.1252	1.0936	2.0518	6.9532	0.0000	9.2056	5.4592	2.4578	3.5000	3.9951	0.0000	2.8872	5.5838	3.6832	8.6051
E+03	E+02	E+05	E+04	E+00	E+01	E+03	E+03	E+00	E+02	E+00	E+03	E+04	E+03	E+00
1.1252	5.4678	5.6309	6.2027	1.6606	1.6856	5.4592	1.6386	6.7426	3.6228	2.5549	2.4238	5.5838	0.0000	3.6608
E+03	E+01	E+05	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+02	E-01	E+04	E+00	E+02
1.1252	0.0000	8.1096	6.2027	7.0258	3.3713	5.4592	1.2289	5.7692	3.6228	2.1899	3.7882	5.1687	8.4714	2.1215
E+03	E+00	E+05	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+04	E-01
1.0609	8.2018	6.2500	6.2027	5.7484	6.8713	5.4592	8.1928	1.0532	3.6228	1.8249	8.0957	5.1687	4.4199	2.8351
E+03	E+02	E-01	E+04	E+04	E+00	E+03	E+02	E+03	E+02	E+02	E+00	E+04	E+04	E+00
1.0609	6.5614	6.7426	6.2027	5.1097	3.3713	5.4592	4.0964	2.5242	3.6228	1.4599	1.2976	5.1687	4.0515	5.0384
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+02	E+03	E+02	E+02	E+01	E+04	E+04	E+00
1.0609	6.0146	3.3713	6.2027	3.8322	3.5000	5.4592	0.0000	3.0154	3.6228	1.0949	3.0981	5.1687	3.6832	2.8351
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+00	E+04	E+02	E+02	E+01	E+04	E+04	E+00
1.0609	5.4678	7.0562	6.2027	2.5548	7.0000	4.9668	6.9639	5.0384	3.6228	7.2997	6.7205	5.1687	2.9466	3.0285
E+03	E+02	E+02	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+01	E+02	E+04	E+04	E+00
1.0609	4.9211	1.6857	6.2027	1.9161	7.0000	4.9668	5.7350	7.1608	3.6228	3.6498	6.9362	5.1687	2.5783	5.2084
E+03	E+02	E+01	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+01	E+02	E+04	E+04	E+00
1.0609	4.3743	1.2473	6.2027	1.2774	1.7500	4.9668	4.0964	3.3713	3.6228	0.0000	4.8008	5.1687	2.2099	2.3907
E+03	E+02	E+03	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+00	E+03	E+04	E+04	E+01
1.0609	3.8275	3.7991	6.2027	6.3871	3.7728	4.9668	3.6868	4.6909	3.2504	8.7596	2.1215	5.1687	1.8416	2.2403
E+03	E+02	E+03	E+04	E+03	E+01	E+03	E+03	E+00	E+02	E+02	E-01	E+04	E+04	E+01
1.0609	3.2807	9.2478	6.2027	0.0000	1.2906	4.9668	2.8675	5.5795	3.2504	8.3946	8.1003	5.1687	1.4733	2.0569
E+03	E+02	E+03	E+04	E+00	E+02	E+03	E+03	E+00	E+02	E+02	E-01	E+04	E+04	E+00
1.0609	2.7339	2.8663	5.4522	1.6606	1.6856	4.9668	2.4578	9.9792	3.2504	4.3798	5.2051	5.1687	1.1050	3.2137
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+00
1.0609	2.1871	1.1649	5.4522	1.4690	1.6856	4.9668	2.0482	2.5230	3.2504	4.0148	5.0000	5.1687	7.3665	2.2016
E+03	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+03	E+02
1.0609	1.6404	5.0272	5.4522	1.4052	5.1856	4.9668	1.6386	2.1303	3.2504	2.9199	1.6667	5.1687	3.6832	1.3618
E+03	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+03	E+01
1.0609	1.0936	1.2900	5.4522	1.3413	6.8069	4.9668	1.2289	8.1391	3.2504	2.5549	4.2430	5.1687	0.0000	7.7087
E+03	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+00	E+02
1.0609	5.4678	2.9932	5.4522	7.6645	3.3713	4.9668	8.1928	2.2241	3.2504	2.1899	8.1003	4.7536	6.6298	2.1215
E+03	E+01	E+06	E+04	E+04	E+00	E+03	E+02	E+02	E+02	E+02	E-01	E+04	E+04	E-01
1.0609	0.0000	3.7302	5.4522	5.7484	3.3713	4.9668	4.0964	1.8575	3.2504	1.8249	1.0379	4.7536	5.8932	2.1296
E+03	E+00	E+06	E+04	E+04	E+00	E+03	E+02	E+04	E+02	E+02	E+01	E+04	E+04	E+00
9.9659	1.3123	3.3713	5.4522	4.4710	3.3713	4.9668	0.0000	7.2011	3.2504	1.4599	6.0598	4.7536	5.5248	6.5980
E+02	E+03	E+00	E+04	E+04	E+00	E+03	E+00	E+04	E+02	E+02	E+00	E+04	E+04	E-01
9.9659	1.2029	3.3713	5.4522	3.8322	6.8713	4.4745	1.3928	1.7500	3.2504	1.0949	1.7194	4.7536	5.1565	8.1003
E+02	E+03	E+00	E+04	E+04	E+00	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+04	E-01
9.9659	1.1482	3.3713	5.4522	3.1935	7.0000	4.4745	6.9639	2.7898	3.2504	7.2997	1.1748	4.7536	4.4199	2.1296
E+02	E+03	E+00	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+01	E+02	E+04	E+04	E+00
9.9659	1.0936	1.3148	5.4522	2.5548	2.6743	4.4745	6.5543	2.4948	3.2504	3.6498	3.1386	4.7536	4.0515	1.2662
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+01	E+03	E+04	E+04	E+01
9.9659	8.7485	3.3713	5.4522	1.9161	2.7743	4.4745	4.9157	1.1282	3.2504	0.0000	7.5858	4.7536	3.6832	1.2867
E+02	E+02	E+00	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+00	E+03	E+04	E+04	E+02
9.9659	8.2018	9.6699	5.4522	1.2774	4.1614	4.4745	4.0964	2.1303	2.8780	8.0296	6.5980	4.7536	3.3149	1.5551
E+02	E+02	E+02	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+04	E+01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
9.9659	7.6550	9.5060	5.4522	6.3871	8.5571	4.4745	3.6868	1.3021	2.8780	6.9347	2.1215	4.7536	2.9466	1.0289
E+02	E+02	E+02	E+04	E+03	E+01	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+04	E+01
9.9659	7.1082	1.3148	5.4522	0.0000	2.1571	4.4745	3.2771	5.5623	2.8780	6.2047	2.8351	4.7536	2.5783	4.1965
E+02	E+02	E+03	E+04	E+00	E+02	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+01
9.9659	6.5614	1.4533	4.7016	1.5329	5.1856	4.4745	2.8675	1.1350	2.8780	4.7448	1.0976	4.7536	2.2099	2.6290
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+04	E+02
9.9659	6.0146	1.4222	4.7016	1.4052	5.1213	4.4745	2.4578	1.5820	2.8780	4.3798	1.8656	4.7536	1.8416	3.1577
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+02
9.9659	5.4678	2.9211	4.7016	1.3413	5.1856	4.4745	2.0482	1.1569	2.8780	4.0148	1.7846	4.7536	1.4733	4.0833
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+04	E+01
9.9659	4.9211	6.9636	4.7016	1.2774	5.1213	4.4745	1.6386	2.5128	2.8780	3.6498	2.4168	4.7536	1.1050	4.4911
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+02
9.9659	4.3743	9.9705	4.7016	1.2135	6.8713	4.4745	1.2289	1.7011	2.8780	3.2848	1.3196	4.7536	7.3665	7.5231
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+03	E+01
9.9659	3.8275	1.2849	4.7016	1.1497	3.4356	4.4745	8.1928	7.8745	2.8780	2.9199	7.7817	4.7536	3.6832	2.8453
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+02	E+03	E+02	E+02	E+00	E+04	E+03	E+02
9.9659	3.2807	1.2414	4.7016	1.0858	1.7500	4.4745	4.0964	4.2159	2.8780	2.5549	1.2238	4.7536	0.0000	3.6850
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+02	E+04	E+02	E+02	E+00	E+04	E+00	E+03
9.9659	2.7339	3.0633	4.7016	8.3032	6.7426	4.4745	0.0000	2.2390	2.8780	2.1899	1.1831	4.3385	5.8932	8.1003
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+00	E+05	E+02	E+02	E+01	E+04	E+04	E-01
9.9659	2.1871	9.7826	4.7016	7.0258	3.3713	3.9821	1.1470	2.7898	2.8780	1.8249	3.9973	4.3385	5.5248	1.3196
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+04	E+00
9.9659	1.6404	2.4122	4.7016	6.3871	1.0500	3.9821	8.6025	2.0833	2.8780	1.4599	2.3801	4.3385	5.1565	1.5317
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+00
9.9659	1.0936	5.4305	4.7016	5.1097	3.5000	3.9821	6.9639	1.1908	2.8780	1.0949	6.8163	4.3385	4.7882	9.1744
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+00
9.9659	5.4678	9.8462	4.7016	4.4710	1.7371	3.9821	6.5543	1.1069	2.8780	7.2997	7.5094	4.3385	4.4199	3.4142
E+02	E+01	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+01	E+02	E+04	E+04	E+00
9.9659	0.0000	1.1187	4.7016	3.8322	1.1593	3.9821	6.1446	2.6282	2.8780	3.6498	7.6714	4.3385	4.0515	2.2406
E+02	E+00	E+07	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+01	E+03	E+04	E+04	E+01
9.3226	1.2576	1.6856	4.7016	3.1935	7.9926	3.9821	5.7350	5.3638	2.8780	0.0000	1.9492	4.3385	3.6832	3.5280
E+02	E+03	E+00	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+00	E+04	E+04	E+04	E+01
9.3226	1.2029	3.4347	4.7016	2.5548	1.5121	3.9821	5.3253	3.6057	2.5057	9.4896	1.3196	4.3385	3.3149	1.5615
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+01
9.3226	1.1482	5.0570	4.7016	1.9161	3.8243	3.9821	4.9157	5.1213	2.5057	8.3946	1.3196	4.3385	2.9466	2.1671
E+02	E+03	E+00	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E+02
9.3226	1.0936	2.0148	4.7016	1.2774	5.5864	3.9821	4.5061	1.0114	2.5057	8.0296	5.2506	4.3385	2.5783	1.5861
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+02
9.3226	1.0389	9.7315	4.7016	6.3871	1.0488	3.9821	4.0964	2.6968	2.5057	7.6646	5.2506	4.3385	2.2099	1.8437
E+02	E+03	E+02	E+04	E+03	E+02	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+02
9.3226	9.8421	5.2674	4.7016	0.0000	3.8914	3.9821	3.6868	1.1062	2.5057	7.2997	3.6451	4.3385	1.8416	1.0260
E+02	E+02	E+02	E+04	E+00	E+02	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+02
9.3226	9.2953	1.0451	3.9511	1.5329	1.7500	3.9821	3.2771	1.8436	2.5057	6.9347	1.0222	4.3385	1.4733	1.0946
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+02
9.3226	8.7485	4.0272	3.9511	1.4052	1.7500	3.9821	2.8675	9.5335	2.5057	6.5697	1.0607	4.3385	1.1050	4.7790
E+02	E+02	E+03	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E-01	E+04	E+04	E+02
9.3226	8.2018	3.2438	3.9511	1.3413	5.8106	3.9821	2.4578	4.3812	2.5057	5.8397	1.1324	4.3385	7.3665	6.7314
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+03	E+02
9.3226	7.6550	7.3555	3.9511	1.2774	8.6856	3.9821	2.0482	4.6924	2.5057	5.4747	5.1392	4.3385	3.6832	3.6130
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+03	E+02
9.3226	7.1082	1.0762	3.9511	1.2135	5.1856	3.9821	1.6386	1.3755	2.5057	5.1098	8.6648	4.3385	0.0000	2.5305
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+00	E+04

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
9.3226	6.5614	2.1649	3.9511	1.1497	5.1856	3.9821	1.2289	2.2873	2.5057	4.7448	1.7418	3.9234	1.3628	2.1215
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+01	E+04	E+05	E-01
9.3226	6.0146	4.2144	3.9511	1.0858	3.4356	3.9821	8.1928	6.1499	2.5057	4.3798	1.5707	3.9234	7.3665	1.5317
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+02	E+04	E+02	E+02	E+00	E+04	E+04	E+00
9.3226	5.4678	7.1092	3.9511	1.0219	7.0000	3.9821	4.0964	1.6002	2.5057	4.0148	6.9256	3.9234	6.6298	4.0501
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+02	E+05	E+02	E+02	E+00	E+04	E+04	E-01
9.3226	4.9211	1.1961	3.9511	9.5806	3.5000	3.9821	0.0000	4.7863	2.5057	3.6498	1.4617	3.9234	6.2615	1.3196
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+00	E+05	E+02	E+02	E+01	E+04	E+04	E+00
9.3226	4.3743	1.9494	3.9511	8.3032	1.7500	3.4898	1.5157	1.6856	2.5057	3.2848	2.7111	3.9234	5.5248	2.6200
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+04	E+00
9.3226	3.8275	3.0444	3.9511	7.0258	7.0000	3.4898	1.1060	6.8237	2.5057	2.9199	3.3937	3.9234	5.1565	1.6378
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+04	E+00
9.3226	3.2807	3.5033	3.9511	6.3871	1.0371	3.4898	1.0651	1.7872	2.5057	2.5549	2.7891	3.9234	4.7882	2.0289
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+04	E+01
9.3226	2.7339	3.7944	3.9511	5.7484	6.8713	3.4898	9.0121	1.9622	2.5057	2.1899	2.3128	3.9234	4.4199	1.7067
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E+01
9.3226	2.1871	5.3209	3.9511	5.1097	2.4371	3.4898	8.1928	1.2385	2.5057	1.8249	4.3665	3.9234	4.0515	3.9762
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+01
9.3226	1.6404	8.9740	3.9511	4.4710	1.3871	3.4898	7.7832	1.7872	2.5057	1.4599	9.1977	3.9234	3.6832	4.6099
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+01
9.3226	1.0936	1.5878	3.9511	3.8322	1.0500	3.4898	7.3735	2.9734	2.5057	1.0949	6.4685	3.9234	3.3149	2.3279
E+02	E+02	E+07	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E+02
9.3226	5.4678	2.6779	3.9511	3.1935	3.9101	3.4898	6.9639	3.4170	2.5057	7.2997	6.1626	3.9234	2.9466	2.4854
E+02	E+01	E+07	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+01	E+03	E+04	E+04	E+02
9.3226	0.0000	2.4171	3.9511	2.5548	4.1499	3.4898	6.5543	1.1341	2.5057	3.6498	2.3279	3.9234	2.5783	5.5779
E+02	E+00	E+07	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+01	E+04	E+04	E+04	E+02
8.6794	1.3670	7.0169	3.9511	1.9161	7.6958	3.4898	6.1446	2.9144	2.5057	0.0000	5.4739	3.9234	2.2099	1.0258
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+04	E+03
8.6794	1.3123	2.3549	3.9511	1.2774	1.4643	3.4898	5.7350	1.5817	2.1333	1.5329	1.0607	3.9234	1.8416	1.2144
E+02	E+03	E+03	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+03	E-01	E+04	E+04	E+03
8.6794	1.2576	3.1452	3.9511	6.3871	2.9695	3.4898	5.3253	1.1540	2.1333	1.3504	2.1215	3.9234	1.4733	5.0920
E+02	E+03	E+03	E+04	E+03	E+02	E+03	E+03	E+03	E+02	E+03	E-01	E+04	E+04	E+02
8.6794	1.2029	7.0169	3.9511	0.0000	5.5486	3.4898	4.9157	1.4598	2.1333	1.1314	2.1215	3.9234	1.1050	3.9122
E+02	E+03	E+02	E+04	E+00	E+03	E+03	E+03	E+03	E+02	E+03	E-01	E+04	E+04	E+02
8.6794	1.1482	4.3359	3.2006	1.4690	1.7500	3.4898	4.5061	1.4677	2.1333	9.4896	8.1003	3.9234	7.3665	1.8593
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E-01	E+04	E+03	E+03
8.6794	1.0936	8.2495	3.2006	1.4052	3.4356	3.4898	4.0964	4.4825	2.1333	9.1246	8.1003	3.9234	3.6832	6.7541
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E-01	E+04	E+03	E+03
8.6794	1.0389	1.6260	3.2006	1.3413	1.7500	3.4898	3.6868	2.2688	2.1333	8.7596	1.4204	3.9234	0.0000	1.2034
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+00	E+05
8.6794	9.8421	4.3766	3.2006	1.2774	1.0500	3.4898	3.2771	2.6543	2.1333	8.3946	2.1215	3.5083	1.6575	1.0607
E+02	E+02	E+04	E+04	E+05	E+01	E+03	E+03	E+04	E+02	E+02	E-01	E+04	E+05	E-01
8.6794	9.2953	5.5829	3.2006	1.2135	5.1856	3.4898	2.8675	2.9739	2.1333	8.0296	1.3021	3.5083	8.1031	2.1215
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E-01
8.6794	8.7485	1.3606	3.2006	1.1497	1.2746	3.4898	2.4578	1.6448	2.1333	7.6646	2.1296	3.5083	6.9981	8.6451
E+02	E+02	E+05	E+04	E+05	E+01	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+00
8.6794	8.2018	1.9103	3.2006	1.0858	8.6856	3.4898	2.0482	4.0812	2.1333	7.2997	8.1003	3.5083	6.2615	1.1943
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E-01	E+04	E+04	E+01
8.6794	7.6550	3.4203	3.2006	1.0219	1.7500	3.4898	1.6386	5.3917	2.1333	6.9347	3.4200	3.5083	5.8932	2.1215
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+01	E+04	E+04	E-01
8.6794	7.1082	5.4412	3.2006	9.5806	5.1856	3.4898	1.2289	5.1148	2.1333	6.5697	1.2627	3.5083	5.5248	2.1171
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+04	E+02	E+02	E+01	E+04	E+04	E+02

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.6794	6.5614	9.9439	3.2006	8.9419	5.0570	3.4898	8.1928	1.2105	2.1333	6.2047	2.3200	3.5083	5.1565	3.3332
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+02	E+05	E+02	E+02	E+02	E+04	E+04	E+01
8.6794	6.0146	1.6159	3.2006	8.3032	3.5000	3.4898	4.0964	4.2086	2.1333	5.8397	2.1335	3.5083	4.7882	6.5973
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+02	E+05	E+02	E+02	E+01	E+04	E+04	E+00
8.6794	5.4678	2.5607	3.2006	7.6645	3.5000	3.4898	0.0000	1.1013	2.1333	5.4747	1.3834	3.5083	4.4199	2.5353
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+00	E+06	E+02	E+02	E+01	E+04	E+04	E+02
8.6794	4.9211	3.8859	3.2006	7.0258	1.7243	2.9974	1.6795	3.4356	2.1333	5.1098	2.4867	3.5083	4.0515	2.4847
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+04	E+02
8.6794	4.3743	5.2001	3.2006	6.3871	1.3743	2.9974	1.1880	6.2500	2.1333	4.7448	7.6776	3.5083	3.6832	5.2665
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E-01	E+02	E+02	E+01	E+04	E+04	E+02
8.6794	3.8275	7.2501	3.2006	5.7484	2.0743	2.9974	1.0651	6.7541	2.1333	4.3798	2.1382	3.5083	3.3149	5.9143
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E-01	E+02	E+02	E+02	E+04	E+04	E+02
8.6794	3.2807	9.3368	3.2006	5.1097	3.1371	2.9974	1.0241	3.5000	2.1333	4.0148	3.8152	3.5083	2.9466	4.3075
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+04	E+02
8.6794	2.7339	1.0186	3.2006	4.4710	2.0972	2.9974	9.0121	2.3451	2.1333	3.6498	1.0886	3.5083	2.5783	6.7057
E+02	E+02	E+07	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+03	E+04	E+04	E+02
8.6794	2.1871	1.1785	3.2006	3.8322	3.4485	2.9974	8.6025	2.1128	2.1333	3.2848	6.3453	3.5083	2.2099	1.2583
E+02	E+02	E+07	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+03
8.6794	1.6404	1.7212	3.2006	3.1935	7.9450	2.9974	7.7832	6.5124	2.1333	2.9199	3.4014	3.5083	1.8416	2.8496
E+02	E+02	E+07	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E+03
8.6794	1.0936	2.8242	3.2006	2.5548	2.6229	2.9974	7.3735	2.4192	2.1333	2.5549	4.5376	3.5083	1.4733	1.5980
E+02	E+02	E+07	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+03
8.6794	5.4678	4.0962	3.2006	1.9161	1.2267	2.9974	6.9639	1.4134	2.1333	2.1899	9.4993	3.5083	1.1050	4.5752
E+02	E+01	E+07	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+03
8.6794	0.0000	3.7570	3.2006	1.2774	3.5008	2.9974	6.5543	4.5404	2.1333	1.8249	1.4776	3.5083	7.3665	7.4478
E+02	E+00	E+07	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+03	E+03
8.0362	1.6950	5.5065	3.2006	6.3871	1.1309	2.9974	6.1446	2.0097	2.1333	1.4599	1.0904	3.5083	3.6832	3.3737
E+02	E+03	E+02	E+04	E+03	E+04	E+03	E+03	E+03	E+02	E+02	E+03	E+04	E+03	E+04
8.0362	1.4763	1.9507	3.2006	0.0000	4.1810	2.9974	5.7350	1.1552	2.1333	1.0949	2.8367	3.5083	0.0000	4.5802
E+02	E+03	E+03	E+04	E+00	E+04	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+00	E+05
8.0362	1.4216	6.0988	2.4501	1.3413	1.6856	2.9974	5.3253	1.4371	2.1333	7.2997	1.5811	3.0932	1.6575	1.0607
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+01	E+04	E+04	E+05	E-01
8.0362	1.3670	8.3321	2.4501	1.2774	2.3750	2.9974	4.9157	3.1603	2.1333	3.6498	1.0052	3.0932	1.5101	2.1215
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+01	E+05	E+04	E+05	E-01
8.0362	1.3123	4.6874	2.4501	1.2135	4.0606	2.9974	4.5061	3.3860	2.1333	0.0000	2.4239	3.0932	1.4733	2.1215
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+00	E+05	E+04	E+05	E-01
8.0362	1.2576	5.2109	2.4501	1.1497	6.7426	2.9974	4.0964	5.8772	1.7609	1.2409	2.1215	3.0932	1.4365	2.1215
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+03	E-01	E+04	E+05	E-01
8.0362	1.2029	8.2454	2.4501	1.0858	6.8069	2.9974	3.6868	4.9031	1.7609	1.1679	1.0607	3.0932	1.2523	1.0607
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+03	E-01	E+04	E+05	E-01
8.0362	1.1482	1.7591	2.4501	1.0219	5.8750	2.9974	3.2771	6.9463	1.7609	1.1314	1.5317	3.0932	1.1786	8.1003
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+03	E+00	E+04	E+05	E-01
8.0362	1.0936	4.5830	2.4501	9.5806	6.9356	2.9974	2.8675	1.2644	1.7609	1.0949	2.1215	3.0932	1.1418	2.9412
E+02	E+03	E+04	E+04	E+04	E+00	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+05	E+00
8.0362	1.0389	4.9809	2.4501	8.9419	6.7426	2.9974	2.4578	9.4251	1.7609	1.0585	5.0384	3.0932	1.1050	1.0607
E+02	E+03	E+04	E+04	E+04	E+00	E+03	E+03	E+04	E+02	E+03	E+00	E+04	E+05	E-01
8.0362	9.8421	8.1236	2.4501	8.3032	7.0000	2.9974	2.0482	1.2985	1.7609	9.8545	3.0473	3.0932	1.0681	5.9429
E+02	E+02	E+04	E+04	E+04	E+00	E+03	E+03	E+05	E+02	E+02	E+00	E+04	E+05	E-01
8.0362	9.2953	1.2602	2.4501	7.6645	2.8172	2.9974	1.6386	1.2562	1.7609	9.4896	3.9474	3.0932	1.0313	4.0501
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+02	E+00	E+04	E+05	E-01
8.0362	8.7485	2.4160	2.4501	7.0258	7.0997	2.9974	1.2289	1.6461	1.7609	9.1246	2.8163	3.0932	9.9447	3.4949
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+02	E+00	E+04	E+04	E+00

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.0362	8.2018	3.2982	2.4501	6.3871	9.8521	2.9974	8.1928	3.2370	1.7609	8.7596	4.2373	3.0932	9.5764	1.4175
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+02	E+05	E+02	E+02	E+01	E+04	E+04	E+00
8.0362	7.6550	5.0259	2.4501	5.7484	7.8417	2.9974	4.0964	8.0496	1.7609	8.3946	5.8146	3.0932	9.2081	2.1215
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+02	E+05	E+02	E+02	E+00	E+04	E+04	E-01
8.0362	7.1082	6.8941	2.4501	5.1097	7.1022	2.9974	0.0000	2.0980	1.7609	8.0296	9.0004	3.0932	8.8397	3.8119
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+00	E+06	E+02	E+02	E+00	E+04	E+04	E+00
8.0362	6.5614	1.0667	2.4501	4.4710	1.4293	2.5051	1.8024	3.4118	1.7609	7.6646	1.3736	3.0932	8.4714	9.1777
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+04	E+00
8.0362	6.0146	1.5554	2.4501	3.8322	1.8017	2.5051	1.3518	2.7898	1.7609	7.2997	2.6369	3.0932	8.1031	1.1076
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+04	E+01
8.0362	5.4678	2.4730	2.4501	3.1935	3.2389	2.5051	1.2289	1.8004	1.7609	6.9347	2.6065	3.0932	7.7348	3.1595
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+04	E+01
8.0362	4.9211	3.6461	2.4501	2.5548	7.0481	2.5051	1.0651	5.7993	1.7609	6.5697	5.0308	3.0932	7.3665	3.5414
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+04	E+00
8.0362	4.3743	4.8507	2.4501	1.9161	4.9524	2.5051	1.0241	3.8967	1.7609	6.2047	2.3832	3.0932	6.9981	1.1640
E+02	E+02	E+06	E+04	E+04	E+03	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+04	E+01
8.0362	3.8275	6.8714	2.4501	1.2774	9.6656	2.5051	9.8314	1.2337	1.7609	5.8397	8.9647	3.0932	6.6298	7.9295
E+02	E+02	E+06	E+04	E+04	E+03	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+01
8.0362	3.2807	7.8246	2.4501	6.3871	3.2980	2.5051	9.4218	4.9871	1.7609	5.4747	2.9509	3.0932	6.2615	1.4178
E+02	E+02	E+06	E+04	E+03	E+04	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E+01
8.0362	2.7339	9.0035	2.4501	0.0000	1.2345	2.5051	9.0121	1.6552	1.7609	5.1098	3.1822	3.0932	5.8932	3.1471
E+02	E+02	E+06	E+04	E+00	E+05	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+01
8.0362	2.1871	1.0923	1.6996	1.5968	6.7541	2.5051	8.6025	3.4148	1.7609	4.7448	7.2150	3.0932	5.5248	1.3493
E+02	E+02	E+07	E+04	E+05	E-01	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E+02
8.0362	1.6404	1.7650	1.6996	1.4690	6.2500	2.5051	8.1928	8.2387	1.7609	4.3798	1.0714	3.0932	5.1565	2.3680
E+02	E+02	E+07	E+04	E+05	E-01	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+02
8.0362	1.0936	2.8419	1.6996	1.4052	6.7541	2.5051	7.7832	1.6175	1.7609	4.0148	5.0481	3.0932	4.7882	8.9179
E+02	E+02	E+07	E+04	E+05	E-01	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+01
8.0362	5.4678	4.6332	1.6996	1.2774	1.8750	2.5051	7.3735	3.4104	1.7609	3.6498	5.8520	3.0932	4.4199	8.5872
E+02	E+01	E+07	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+01
8.0362	0.0000	4.1740	1.6996	1.2135	6.2500	2.5051	6.9639	3.9190	1.7609	3.2848	7.2841	3.0932	4.0515	4.1945
E+02	E+00	E+07	E+04	E+05	E-01	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
7.3929	1.9137	2.5133	1.6996	1.1497	2.3106	2.5051	6.5543	1.3031	1.7609	2.9199	5.2052	3.0932	3.6832	6.1319
E+02	E+03	E+01	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+02
7.3929	1.7497	5.5070	1.6996	1.0858	3.6250	2.5051	6.1446	2.5942	1.7609	2.5549	1.6853	3.0932	3.3149	4.1667
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02
7.3929	1.6404	1.6524	1.6996	1.0219	6.2500	2.5051	5.7350	3.7479	1.7609	2.1899	2.4945	3.0932	2.9466	1.2293
E+02	E+03	E+03	E+04	E+05	E-01	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+03
7.3929	1.5857	6.2500	1.6996	9.5806	1.2500	2.5051	5.3253	7.5700	1.7609	1.8249	1.3881	3.0932	2.5783	1.1334
E+02	E+03	E-01	E+04	E+04	E+00	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+03
7.3929	1.5310	4.2050	1.6996	8.9419	1.8369	2.5051	4.9157	5.7767	1.7609	1.4599	4.4304	3.0932	2.2099	2.1155
E+02	E+03	E+03	E+04	E+04	E+00	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+03
7.3929	1.4763	4.3382	1.6996	8.3032	1.0907	2.5051	4.5061	1.1097	1.7609	1.0949	1.7865	3.0932	1.8416	4.5007
E+02	E+03	E+03	E+04	E+04	E+03	E+03	E+03	E+05	E+02	E+02	E+04	E+04	E+04	E+03
7.3929	1.4216	3.0515	1.6996	7.6645	1.7114	2.5051	4.0964	1.0654	1.7609	7.2997	1.3199	3.0932	1.4733	7.4635
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+01	E+05	E+04	E+04	E+03
7.3929	1.3670	1.2544	1.6996	7.0258	2.8638	2.5051	3.6868	1.7874	1.7609	3.6498	6.0722	3.0932	1.1050	1.5408
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+01	E+05	E+04	E+04	E+04
7.3929	1.3123	4.9540	1.6996	6.3871	3.1185	2.5051	3.2771	2.2738	1.7609	0.0000	1.0377	3.0932	7.3665	4.6879
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+00	E+06	E+04	E+03	E+04
7.3929	1.2576	7.2689	1.6996	5.7484	2.2164	2.5051	2.8675	2.7919	1.3886	1.6059	2.1215	3.0932	3.6832	1.7350
E+02	E+03	E+03	E+04	E+04	E+02	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+03	E+05

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
7.3929	1.2029	1.5709	1.6996	5.1097	1.0126	2.5051	2.4578	4.4967	1.3886	1.5694	2.1215	3.0932	0.0000	1.4624
E+02	E+03	E+04	E+04	E+04	E+04	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+00	E+06
7.3929	1.1482	3.3157	1.6996	4.4710	2.9864	2.5051	2.0482	1.8758	1.3886	1.4964	3.1822	2.6781	1.8416	1.0607
E+02	E+03	E+04	E+04	E+04	E+02	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+05	E-01
7.3929	1.0936	5.5641	1.6996	3.8322	1.6108	2.5051	1.6386	3.1437	1.3886	1.3139	2.8182	2.6781	1.7311	1.0607
E+02	E+03	E+04	E+04	E+04	E+04	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+05	E-01
7.3929	1.0389	7.3002	1.6996	3.1935	4.7080	2.5051	1.2289	3.5165	1.3886	1.2774	8.1003	2.6781	1.5101	6.1716
E+02	E+03	E+04	E+04	E+04	E+03	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+05	E-01
7.3929	9.8421	6.8094	1.6996	2.5548	1.0916	2.5051	8.1928	5.7152	1.3886	1.2409	1.8849	2.6781	1.3628	1.8226
E+02	E+02	E+04	E+04	E+04	E+04	E+03	E+02	E+05	E+02	E+03	E+01	E+04	E+05	E+00
7.3929	9.2953	9.6610	1.6996	1.9161	6.0539	2.5051	4.0964	1.6547	1.3886	1.1679	8.0496	2.6781	1.2523	1.5236
E+02	E+02	E+04	E+04	E+04	E+03	E+03	E+02	E+06	E+02	E+03	E+00	E+04	E+05	E+00
7.3929	8.7485	1.3507	1.6996	1.2774	3.5897	2.5051	0.0000	3.7397	1.3886	1.1314	1.0607	2.6781	1.2155	1.7358
E+02	E+02	E+05	E+04	E+04	E+04	E+03	E+00	E+06	E+02	E+03	E-01	E+04	E+05	E+00
7.3929	8.2018	2.2726	1.6996	6.3871	6.7444	2.0128	1.9253	1.7872	1.3886	1.0949	5.0731	2.6781	1.1418	2.2672
E+02	E+02	E+05	E+04	E+03	E+04	E+03	E+04	E+01	E+02	E+03	E+00	E+04	E+05	E+01
7.3929	7.6550	3.6572	1.6996	0.0000	4.3728	2.0128	1.8024	3.4118	1.3886	1.0585	7.0974	2.6781	1.1050	4.8698
E+02	E+02	E+05	E+04	E+00	E+05	E+03	E+04	E+01	E+02	E+03	E+00	E+04	E+05	E+00
7.3929	7.1082	6.4004	9.4903	1.4690	6.2500	2.0128	1.5566	1.1942	1.3886	1.0220	6.0760	2.6781	1.0681	4.1121
E+02	E+02	E+05	E+03	E+05	E-01	E+03	E+04	E+02	E+02	E+03	E+00	E+04	E+05	E+00
7.3929	6.5614	9.3312	9.4903	1.4052	1.6856	2.0128	1.3928	2.5192	1.3886	9.8545	1.9382	2.6781	1.0313	9.9781
E+02	E+02	E+05	E+03	E+05	E+00	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+05	E+00
7.3929	6.0146	1.4444	9.4903	1.2774	1.6856	2.0128	1.2699	1.8004	1.3886	9.4896	1.1277	2.6781	9.9447	1.2647
E+02	E+02	E+06	E+03	E+05	E+00	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+04	E+01
7.3929	5.4678	1.9324	9.4903	1.2135	4.6213	2.0128	1.2289	5.0415	1.3886	9.1246	1.5854	2.6781	9.5764	1.2318
E+02	E+02	E+06	E+03	E+05	E+00	E+03	E+04	E-02	E+02	E+02	E+01	E+04	E+04	E+01
7.3929	4.9211	3.0618	9.4903	1.1497	4.2361	2.0128	1.1470	7.0578	1.3886	8.7596	1.2482	2.6781	9.2081	1.2341
E+02	E+02	E+06	E+03	E+05	E+00	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+04	E+02
7.3929	4.3743	4.3744	9.4903	1.0858	3.0365	2.0128	1.0651	3.4413	1.3886	8.3946	1.7277	2.6781	8.8397	1.2943
E+02	E+02	E+06	E+03	E+05	E+00	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+04	E+01
7.3929	3.8275	5.2358	9.4903	1.0219	3.0217	2.0128	1.0241	1.5474	1.3886	8.0296	4.4441	2.6781	8.4714	1.6016
E+02	E+02	E+06	E+03	E+05	E+01	E+03	E+04	E+02	E+02	E+02	E+01	E+04	E+04	E+01
7.3929	3.2807	6.6070	9.4903	9.5806	6.3131	2.0128	9.8314	1.2514	1.3886	7.6646	6.2023	2.6781	8.1031	4.8332
E+02	E+02	E+06	E+03	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+01
7.3929	2.7339	7.3597	9.4903	8.9419	4.2116	2.0128	9.4218	3.7110	1.3886	7.2997	3.1201	2.6781	7.7348	6.6090
E+02	E+02	E+06	E+03	E+04	E+03	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+01
7.3929	2.1871	8.9139	9.4903	8.3032	2.1236	2.0128	9.0121	2.1446	1.3886	6.9347	7.5040	2.6781	7.3665	2.6813
E+02	E+02	E+06	E+03	E+04	E+03	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
7.3929	1.6404	1.3393	9.4903	7.6645	4.2326	2.0128	8.6025	1.6002	1.3886	6.5697	3.1725	2.6781	6.9981	3.2546
E+02	E+02	E+07	E+03	E+04	E+03	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
7.3929	1.0936	2.4152	9.4903	7.0258	7.4849	2.0128	8.1928	2.8526	1.3886	6.2047	6.9546	2.6781	6.6298	1.0127
E+02	E+02	E+07	E+03	E+04	E+03	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
7.3929	5.4678	3.9959	9.4903	6.3871	6.3901	2.0128	7.7832	7.2308	1.3886	5.8397	8.0796	2.6781	6.2615	3.2420
E+02	E+01	E+07	E+03	E+04	E+03	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
7.3929	0.0000	3.9886	9.4903	5.7484	2.2659	2.0128	7.3735	1.0372	1.3886	5.4747	1.0117	2.6781	5.8932	4.5288
E+02	E+00	E+07	E+03	E+04	E+04	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02
6.7497	2.0231	2.5133	9.4903	5.1097	2.6655	2.0128	6.9639	2.5783	1.3886	5.1098	6.2874	2.6781	5.5248	3.9766
E+02	E+03	E+01	E+03	E+04	E+04	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+02
6.7497	1.8591	2.7898	9.4903	4.4710	3.3770	2.0128	6.5543	3.2980	1.3886	4.7448	1.2983	2.6781	5.1565	3.9457
E+02	E+03	E+00	E+03	E+04	E+04	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02
6.7497	1.8044	1.3944	9.4903	3.8322	4.8437	2.0128	6.1446	3.3109	1.3886	4.3798	2.0927	2.6781	4.7882	5.2438
E+02	E+03	E+02	E+03	E+04	E+04	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.7497	1.7497	1.0607	9.4903	3.1935	7.3892	2.0128	5.7350	6.3624	1.3886	4.0148	2.1948	2.6781	4.4199	8.0788
E+02	E+03	E-01	E+03	E+04	E+04	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02
6.7497	1.6950	9.5965	9.4903	2.5548	1.3382	2.0128	5.3253	9.4978	1.3886	3.6498	2.8776	2.6781	4.0515	2.0561
E+02	E+03	E+01	E+03	E+04	E+05	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+03
6.7497	1.6404	1.7872	9.4903	1.9161	1.8566	2.0128	4.9157	1.6042	1.3886	3.2848	4.4506	2.6781	3.6832	1.8277
E+02	E+03	E+01	E+03	E+04	E+05	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+03
6.7497	1.5857	5.5344	9.4903	1.2774	4.4242	2.0128	4.5061	2.1191	1.3886	2.9199	5.5150	2.6781	3.3149	1.7626
E+02	E+03	E+02	E+03	E+04	E+05	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+03
6.7497	1.5310	9.5466	9.4903	6.3871	1.1005	2.0128	4.0964	3.4323	1.3886	2.5549	5.2613	2.6781	2.9466	2.7371
E+02	E+03	E+02	E+03	E+03	E+06	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+03
6.7497	1.4763	1.0884	9.4903	0.0000	5.3221	2.0128	3.6868	3.1418	1.3886	2.1899	7.7613	2.6781	2.5783	3.8227
E+02	E+03	E+03	E+03	E+00	E+06	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+03
6.7497	1.4216	3.4598	1.9851	2.0439	5.0415	2.0128	3.2771	4.6456	1.3886	1.8249	1.7687	2.6781	2.2099	4.7877
E+02	E+03	E+03	E+03	E+05	E-02	E+03	E+03	E+05	E+02	E+02	E+04	E+04	E+04	E+03
6.7497	1.3670	8.8722	1.9851	1.9161	5.0415	2.0128	2.8675	5.3858	1.3886	1.4599	4.8106	2.6781	1.8416	1.0021
E+02	E+03	E+02	E+03	E+05	E-02	E+03	E+03	E+05	E+02	E+02	E+04	E+04	E+04	E+04
6.7497	1.3123	6.1162	1.9851	1.5329	1.7361	2.0128	2.4578	5.8832	1.3886	1.0949	1.7738	2.6781	1.4733	2.6245
E+02	E+03	E+03	E+03	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+05	E+04	E+04	E+04
6.7497	1.2576	1.2043	1.9851	1.4690	1.6856	2.0128	2.0482	5.2707	1.3886	7.2997	6.4153	2.6781	1.1050	5.7493
E+02	E+03	E+04	E+03	E+05	E+00	E+03	E+03	E+05	E+02	E+01	E+05	E+04	E+04	E+04
6.7497	1.2029	1.2702	1.9851	1.4052	6.2500	2.0128	1.6386	3.6454	1.3886	3.6498	2.6060	2.6781	7.3665	1.4639
E+02	E+03	E+04	E+03	E+05	E-01	E+03	E+03	E+05	E+02	E+01	E+06	E+04	E+03	E+05
6.7497	1.1482	1.8068	1.9851	1.3413	2.4139	2.0128	1.2289	5.7276	1.3886	0.0000	4.3683	2.6781	3.6832	5.2218
E+02	E+03	E+04	E+03	E+05	E+00	E+03	E+03	E+05	E+02	E+00	E+06	E+04	E+03	E+05
6.7497	1.0936	3.0999	1.9851	1.2135	1.8873	2.0128	8.1928	1.0208	1.0162	1.4964	4.0501	2.6781	0.0000	4.0957
E+02	E+03	E+04	E+03	E+05	E+00	E+03	E+02	E+06	E+02	E+03	E-01	E+04	E+00	E+06
6.7497	1.0389	5.4524	1.9851	1.1497	6.3069	2.0128	4.0964	2.9635	1.0162	1.4599	1.0222	2.2630	1.5838	4.0501
E+02	E+03	E+04	E+03	E+05	E+00	E+03	E+02	E+06	E+02	E+03	E+00	E+04	E+05	E-01
6.7497	9.8421	9.5500	1.9851	1.0858	2.2279	2.0128	0.0000	7.0536	1.0162	1.3869	3.1822	2.2630	1.5101	6.5980
E+02	E+02	E+04	E+03	E+05	E+00	E+03	E+00	E+06	E+02	E+03	E-01	E+04	E+05	E-01
6.7497	9.2953	1.5414	1.9851	1.0219	2.1406	1.5204	1.6386	1.1942	1.0162	1.3504	1.0607	2.2630	1.4365	1.6297
E+02	E+02	E+05	E+03	E+05	E+00	E+03	E+04	E+02	E+02	E+03	E-01	E+04	E+05	E+00
6.7497	8.7485	2.1886	1.9851	9.5806	1.0826	1.5204	1.5157	2.7898	1.0162	1.3139	9.3281	2.2630	1.3996	4.0501
E+02	E+02	E+05	E+03	E+04	E+03	E+03	E+04	E+00	E+02	E+03	E+00	E+04	E+05	E-01
6.7497	8.2018	2.6115	1.9851	8.9419	2.1049	1.5204	1.4747	4.2590	1.0162	1.2774	5.7465	2.2630	1.3628	2.1215
E+02	E+02	E+05	E+03	E+04	E+03	E+03	E+04	E+01	E+02	E+03	E+00	E+04	E+05	E-01
6.7497	7.6550	4.9186	1.9851	8.3032	3.1983	1.5204	1.4337	7.5366	1.0162	1.2409	9.8976	2.2630	1.3260	9.9011
E+02	E+02	E+05	E+03	E+04	E+03	E+03	E+04	E+01	E+02	E+03	E+00	E+04	E+05	E+00
6.7497	7.1082	5.4407	1.9851	7.6645	8.4767	1.5204	1.3928	1.1276	1.0162	1.2044	2.3852	2.2630	1.2891	1.1402
E+02	E+02	E+05	E+03	E+04	E+03	E+03	E+04	E+01	E+02	E+03	E+01	E+04	E+05	E+02
6.7497	6.5614	9.5996	1.9851	7.0258	1.5183	1.5204	1.3518	7.9797	1.0162	1.1679	2.1260	2.2630	1.2523	1.0822
E+02	E+02	E+05	E+03	E+04	E+04	E+03	E+04	E+01	E+02	E+03	E+02	E+04	E+05	E+02
6.7497	6.0146	1.5498	1.9851	6.3871	3.8545	1.5204	1.3109	3.9031	1.0162	1.1314	2.1571	2.2630	1.2155	1.4699
E+02	E+02	E+06	E+03	E+04	E+04	E+03	E+04	E+01	E+02	E+03	E+01	E+04	E+05	E+01
6.7497	5.4678	2.1760	1.9851	5.7484	2.2807	1.5204	1.2699	5.4423	1.0162	1.0949	2.1467	2.2630	1.1786	1.4048
E+02	E+02	E+06	E+03	E+04	E+04	E+03	E+04	E+02	E+02	E+03	E+01	E+04	E+05	E+02
6.7497	4.9211	2.8036	1.9851	5.1097	8.9511	1.5204	1.2289	1.0651	1.0162	1.0585	3.7776	2.2630	1.1418	1.1336
E+02	E+02	E+06	E+03	E+04	E+04	E+03	E+04	E+01	E+02	E+03	E+01	E+04	E+05	E+01
6.7497	4.3743	3.7892	1.9851	4.4710	1.0966	1.5204	1.1880	8.9360	1.0162	1.0220	3.6453	2.2630	1.1050	1.0702
E+02	E+02	E+06	E+03	E+04	E+05	E+03	E+04	E+00	E+02	E+03	E+02	E+04	E+05	E+01
6.7497	3.8275	4.5558	1.9851	3.8322	2.3160	1.5204	1.1470	6.1569	1.0162	9.8545	6.8041	2.2630	1.0681	2.9276
E+02	E+02	E+06	E+03	E+04	E+05	E+03	E+04	E+02	E+02	E+02	E+01	E+04	E+05	E+01



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.7497 E+02	3.2807 E+02	5.0201 E+06	1.9851 E+03	3.1935 E+04	2.1097 E+05	1.5204 E+03	1.1060 E+04	3.3931 E+02	1.0162 E+02	9.4896 E+02	9.7856 E+01	2.2630 E+04	1.0313 E+05	3.8062 E+01
6.7497 E+02	2.7339 E+02	6.0675 E+06	1.9851 E+03	2.5548 E+04	3.5802 E+05	1.5204 E+03	1.0651 E+04	5.5781 E+01	1.0162 E+02	9.1246 E+02	2.4208 E+02	2.2630 E+04	9.9447 E+04	1.5232 E+02
6.7497 E+02	2.1871 E+02	7.2592 E+06	1.9851 E+03	1.9161 E+04	1.1049 E+06	1.5204 E+03	1.0241 E+04	2.6887 E+03	1.0162 E+02	8.7596 E+02	5.6922 E+02	2.2630 E+04	9.5764 E+04	4.6806 E+01
6.7497 E+02	1.6404 E+02	9.7280 E+06	1.9851 E+03	1.2774 E+04	2.4709 E+06	1.5204 E+03	9.8314 E+03	2.2510 E+03	1.0162 E+02	8.3946 E+02	4.9537 E+02	2.2630 E+04	9.2081 E+04	1.7808 E+02
6.7497 E+02	1.0936 E+02	1.7284 E+07	1.9851 E+03	6.3871 E+03	5.3390 E+06	1.5204 E+03	9.4218 E+03	2.2924 E+03	1.0162 E+02	8.0296 E+02	7.5972 E+02	2.2630 E+04	8.8397 E+04	9.0801 E+01
6.7497 E+02	5.4678 E+01	3.1049 E+07	1.9851 E+03	0.0000 E+00	1.3575 E+07	1.5204 E+03	9.0121 E+03	5.0186 E+03	1.0162 E+02	7.6646 E+02	6.9704 E+02	2.2630 E+04	8.4714 E+04	1.0921 E+02
6.7497 E+02	0.0000 E+00	3.3965 E+07	- 5.5201 E+03	3.0658 E+05	1.6856 E+00	1.5204 E+03	8.6025 E+03	3.5305 E+03	1.0162 E+02	7.2997 E+02	1.3109 E+03	2.2630 E+04	8.1031 E+04	6.7449 E+02
6.1065 E+02	2.3512 E+03	1.0607 E-01	- 5.5201 E+03	1.9800 E+05	5.0415 E-02	1.5204 E+03	8.1928 E+03	1.9912 E+04	1.0162 E+02	6.9347 E+02	2.2240 E+03	2.2630 E+04	7.7348 E+04	3.9217 E+02
6.1065 E+02	2.2965 E+03	2.5192 E+00	- 5.5201 E+03	1.9161 E+05	1.0083 E-01	1.5204 E+03	7.7832 E+03	1.2855 E+04	1.0162 E+02	6.5697 E+02	1.4890 E+03	2.2630 E+04	7.3665 E+04	8.7048 E+02
6.1065 E+02	2.0231 E+03	2.7606 E-01	- 5.5201 E+03	1.7884 E+05	1.0083 E-01	1.5204 E+03	7.3735 E+03	2.1155 E+04	1.0162 E+02	6.2047 E+02	2.4089 E+03	2.2630 E+04	6.9981 E+04	1.3903 E+03
6.1065 E+02	1.9684 E+03	5.1035 E+00	- 5.5201 E+03	1.6606 E+05	5.0415 E-02	1.5204 E+03	6.9639 E+03	2.4993 E+04	1.0162 E+02	5.8397 E+02	1.9700 E+03	2.2630 E+04	6.6298 E+04	1.1070 E+03
6.1065 E+02	1.9137 E+03	6.0692 E+00	- 5.5201 E+03	1.5329 E+05	5.0415 E-02	1.5204 E+03	6.5543 E+03	3.9089 E+04	1.0162 E+02	5.4747 E+02	2.7696 E+03	2.2630 E+04	6.2615 E+04	1.3188 E+03
6.1065 E+02	1.8591 E+03	3.5438 E+01	- 5.5201 E+03	1.3413 E+05	2.5504 E+00	1.5204 E+03	6.1446 E+03	5.7696 E+04	1.0162 E+02	5.1098 E+02	3.1225 E+03	2.2630 E+04	5.8932 E+04	2.1055 E+03
6.1065 E+02	1.8044 E+03	1.0974 E+02	- 5.5201 E+03	1.2774 E+05	6.5530 E-02	1.5204 E+03	5.7350 E+03	1.4182 E+05	1.0162 E+02	4.7448 E+02	3.8631 E+03	2.2630 E+04	5.5248 E+04	1.7445 E+03
6.1065 E+02	1.6950 E+03	1.3912 E+03	- 5.5201 E+03	1.2135 E+05	1.1161 E+01	1.5204 E+03	5.3253 E+03	1.8294 E+05	1.0162 E+02	4.3798 E+02	5.3884 E+03	2.2630 E+04	5.1565 E+04	3.7384 E+03
6.1065 E+02	1.6404 E+03	3.3514 E+02	- 5.5201 E+03	1.1497 E+05	5.7886 E+00	1.5204 E+03	4.9157 E+03	2.2595 E+05	1.0162 E+02	4.0148 E+02	7.5702 E+03	2.2630 E+04	4.7882 E+04	3.3584 E+03
6.1065 E+02	1.5857 E+03	1.0223 E+03	- 5.5201 E+03	1.0858 E+05	1.0637 E+01	1.5204 E+03	4.5061 E+03	4.5536 E+05	1.0162 E+02	3.6498 E+02	1.0533 E+04	2.2630 E+04	4.4199 E+04	4.5776 E+03
6.1065 E+02	1.5310 E+03	9.0006 E+02	- 5.5201 E+03	1.0219 E+05	1.0602 E+02	1.5204 E+03	4.0964 E+03	3.9993 E+05	1.0162 E+02	3.2848 E+02	1.8046 E+04	2.2630 E+04	4.0515 E+04	7.1117 E+03
6.1065 E+02	1.4763 E+03	2.3854 E+03	- 5.5201 E+03	9.5806 E+04	4.3799 E+01	1.5204 E+03	3.6868 E+03	6.3390 E+05	1.0162 E+02	2.9199 E+02	2.4214 E+04	2.2630 E+04	3.6832 E+04	9.9221 E+03
6.1065 E+02	1.4216 E+03	9.9077 E+03	- 5.5201 E+03	8.9419 E+04	2.8268 E+03	1.5204 E+03	3.2771 E+03	8.9432 E+05	1.0162 E+02	2.5549 E+02	3.3905 E+04	2.2630 E+04	3.3149 E+04	1.0398 E+04

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.1065 E+02	1.3670 E+03	1.1898 E+04	- 5.5201 E+03	8.3032 E+04	7.8457 E+03	1.5204 E+03	2.8675 E+03	1.0629 E+06	1.0162 E+02	2.1899 E+02	7.9842 E+04	2.2630 E+04	2.9466 E+04	1.6280 E+04
6.1065 E+02	1.3123 E+03	2.1741 E+04	- 5.5201 E+03	7.6645 E+04	9.4201 E+03	1.5204 E+03	2.4578 E+03	1.1454 E+06	1.0162 E+02	1.8249 E+02	1.6418 E+05	2.2630 E+04	2.5783 E+04	2.2102 E+04
6.1065 E+02	1.2576 E+03	9.0628 E+03	- 5.5201 E+03	7.0258 E+04	8.5481 E+03	1.5204 E+03	2.0482 E+03	1.3651 E+06	1.0162 E+02	1.4599 E+02	3.9304 E+05	2.2630 E+04	2.2099 E+04	2.0975 E+04
6.1065 E+02	1.2029 E+03	1.8953 E+04	- 5.5201 E+03	6.3871 E+04	2.8425 E+04	1.5204 E+03	1.6386 E+03	1.3767 E+06	1.0162 E+02	1.0949 E+02	9.5728 E+05	2.2630 E+04	1.8416 E+04	3.6506 E+04
6.1065 E+02	1.1482 E+03	2.8965 E+04	- 5.5201 E+03	5.7484 E+04	6.5715 E+04	1.5204 E+03	1.2289 E+03	1.2657 E+06	1.0162 E+02	7.2997 E+01	2.9749 E+06	2.2630 E+04	1.4733 E+04	6.8010 E+04
6.1065 E+02	1.0936 E+03	4.5795 E+04	- 5.5201 E+03	5.1097 E+04	7.8689 E+04	1.5204 E+03	8.1928 E+02	2.0557 E+06	1.0162 E+02	3.6498 E+01	1.1371 E+07	2.2630 E+04	1.1050 E+04	2.0489 E+05
6.1065 E+02	1.0389 E+03	5.8051 E+04	- 5.5201 E+03	4.4710 E+04	1.3704 E+05	1.5204 E+03	4.0964 E+02	5.1837 E+06	1.0162 E+02	0.0000 E+00	1.9656 E+07	2.2630 E+04	7.3665 E+03	5.9191 E+05
6.1065 E+02	9.8421 E+02	9.8951 E+04	- 5.5201 E+03	3.8322 E+04	1.3310 E+05	1.5204 E+03	0.0000 E+00	1.3012 E+07	6.4384 E+01	1.8249 E+03	1.0607 E-01	2.2630 E+04	3.6832 E+03	1.8464 E+06
6.1065 E+02	9.2953 E+02	1.7963 E+05	- 5.5201 E+03	3.1935 E+04	3.5498 E+05	1.0281 E+03	1.5566 E+04	3.7382 E+01	6.4384 E+01	1.7884 E+03	2.1215 E-01	2.2630 E+04	0.0000 E+00	1.1628 E+07
6.1065 E+02	8.7485 E+02	3.2077 E+05	- 5.5201 E+03	2.5548 E+04	4.6685 E+05	1.0281 E+03	1.5157 E+04	2.5192 E+00	6.4384 E+01	1.6059 E+03	2.5000 E+00	1.8479 E+04	1.5470 E+05	6.5980 E-01
6.1065 E+02	8.2018 E+02	3.8513 E+05	- 5.5201 E+03	1.9161 E+04	8.9457 E+05	1.0281 E+03	1.4747 E+04	1.7872 E+01	6.4384 E+01	1.5694 E+03	1.0607 E-01	1.8479 E+04	1.4733 E+05	1.0607 E-01
6.1065 E+02	7.6550 E+02	5.5230 E+05	- 5.5201 E+03	1.2774 E+04	1.1532 E+06	1.0281 E+03	1.4337 E+04	6.8862 E+01	6.4384 E+01	1.5329 E+03	2.1215 E-01	1.8479 E+04	1.4365 E+05	7.6587 E-01
6.1065 E+02	7.1082 E+02	8.5419 E+05	- 5.5201 E+03	6.3871 E+03	2.0000 E+06	1.0281 E+03	1.3928 E+04	1.1311 E+01	6.4384 E+01	1.4964 E+03	2.1215 E-01	1.8479 E+04	1.3996 E+05	8.9231 E+00
6.1065 E+02	6.5614 E+02	1.2083 E+06	- 5.5201 E+03	0.0000 E+00	5.2221 E+06	1.0281 E+03	1.3518 E+04	1.8702 E+01	6.4384 E+01	1.4599 E+03	4.0501 E-01	1.8479 E+04	1.3628 E+05	1.0222 E+00
6.1065 E+02	6.0146 E+02	1.7100 E+06	- 1.3025 E+04	3.1297 E+05	6.5105 E+00	1.0281 E+03	1.3109 E+04	1.4257 E+00	6.4384 E+01	1.4234 E+03	4.0501 E-01	1.8479 E+04	1.3260 E+05	5.4574 E+00
6.1065 E+02	5.4678 E+02	2.1521 E+06	- 1.3025 E+04	3.0658 E+05	1.6856 E+00	1.0281 E+03	1.2699 E+04	3.7027 E+02	6.4384 E+01	1.3869 E+03	1.1201 E+01	1.8479 E+04	1.2891 E+05	7.0637 E+00
6.1065 E+02	4.9211 E+02	2.7600 E+06	- 1.3025 E+04	2.8103 E+05	1.7500 E+00	1.0281 E+03	1.2289 E+04	1.3331 E+02	6.4384 E+01	1.3504 E+03	5.6982 E+00	1.8479 E+04	1.2523 E+05	1.1209 E+01
6.1065 E+02	4.3743 E+02	3.5820 E+06	- 1.3025 E+04	2.6826 E+05	1.7500 E+00	1.0281 E+03	1.1880 E+04	6.2771 E+02	6.4384 E+01	1.3139 E+03	1.5266 E+01	1.8479 E+04	1.2155 E+05	1.1940 E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.1065 E+02	3.8275 E+02	4.0783 E+06	- 1.3025 E+04	2.4271 E+05	1.7500 E+00	1.0281 E+03	1.1470 E+04	3.0129 E+02	6.4384 E+01	1.2774 E+03	9.8928 E+00	1.8479 E+04	1.1786 E+05	1.5419 E+01
6.1065 E+02	3.2807 E+02	4.5739 E+06	- 1.3025 E+04	1.9800 E+05	5.0415 E-02	1.0281 E+03	1.1060 E+04	6.8497 E+02	6.4384 E+01	1.2409 E+03	6.1419 E+00	1.8479 E+04	1.1418 E+05	5.3646 E+01
6.1065 E+02	2.7339 E+02	4.7402 E+06	- 1.3025 E+04	1.6606 E+05	5.0415 E-02	1.0281 E+03	1.0651 E+04	3.3567 E+03	6.4384 E+01	1.2044 E+03	2.7883 E+01	1.8479 E+04	1.1050 E+05	5.1154 E+01
6.1065 E+02	2.1871 E+02	4.8870 E+06	- 1.3025 E+04	1.5968 E+05	1.7865 E+00	1.0281 E+03	1.0241 E+04	3.5810 E+03	6.4384 E+01	1.1679 E+03	2.6420 E+02	1.8479 E+04	1.0681 E+05	3.0093 E+01
6.1065 E+02	1.6404 E+02	7.0132 E+06	- 1.3025 E+04	1.4690 E+05	1.9446 E+01	1.0281 E+03	9.8314 E+03	2.9961 E+03	6.4384 E+01	1.1314 E+03	4.9018 E+01	1.8479 E+04	1.0313 E+05	4.2347 E+02
6.1065 E+02	1.0936 E+02	1.2446 E+07	- 1.3025 E+04	1.3413 E+05	2.9361 E+00	1.0281 E+03	9.4218 E+03	5.0824 E+03	6.4384 E+01	1.0949 E+03	1.7624 E+02	1.8479 E+04	9.9447 E+04	1.8711 E+02
6.1065 E+02	5.4678 E+01	2.4159 E+07	- 1.3025 E+04	1.2774 E+05	7.4115 E+00	1.0281 E+03	9.0121 E+03	2.4651 E+04	6.4384 E+01	1.0585 E+03	4.1015 E+02	1.8479 E+04	9.5764 E+04	1.2187 E+02
6.1065 E+02	0.0000 E+00	2.8773 E+07	- 1.3025 E+04	1.2135 E+05	1.0083 E-01	1.0281 E+03	8.6025 E+03	2.1328 E+04	6.4384 E+01	1.0220 E+03	5.3410 E+02	1.8479 E+04	9.2081 E+04	4.3799 E+02
5.4632 E+02	2.6246 E+03	1.0607 E-01	- 1.3025 E+04	1.1497 E+05	2.0781 E+01	1.0281 E+03	8.1928 E+03	1.7701 E+04	6.4384 E+01	9.8545 E+02	2.1090 E+02	1.8479 E+04	8.8397 E+04	6.2393 E+02
5.4632 E+02	2.5152 E+03	1.0607 E-01	- 1.3025 E+04	1.0858 E+05	8.1845 E+01	1.0281 E+03	7.7832 E+03	2.1785 E+04	6.4384 E+01	9.4896 E+02	1.1171 E+03	1.8479 E+04	8.4714 E+04	7.8446 E+02
5.4632 E+02	2.4058 E+03	2.5192 E+00	- 1.3025 E+04	1.0219 E+05	5.8802 E+01	1.0281 E+03	7.3735 E+03	5.3360 E+04	6.4384 E+01	9.1246 E+02	1.8383 E+03	1.8479 E+04	8.1031 E+04	1.4412 E+03
5.4632 E+02	2.1871 E+03	4.6123 E+00	- 1.3025 E+04	9.5806 E+04	2.1548 E+03	1.0281 E+03	6.9639 E+03	7.0878 E+04	6.4384 E+01	8.7596 E+02	9.8461 E+02	1.8479 E+04	7.7348 E+04	9.8265 E+02
5.4632 E+02	2.1325 E+03	5.6856 E+00	- 1.3025 E+04	8.9419 E+04	4.5727 E+01	1.0281 E+03	6.5543 E+03	1.4191 E+05	6.4384 E+01	8.3946 E+02	1.5431 E+03	1.8479 E+04	7.3665 E+04	1.2108 E+03
5.4632 E+02	2.0778 E+03	1.4013 E+01	- 1.3025 E+04	8.3032 E+04	1.6272 E+03	1.0281 E+03	6.1446 E+03	1.5820 E+05	6.4384 E+01	8.0296 E+02	2.0545 E+03	1.8479 E+04	6.9981 E+04	2.4656 E+03
5.4632 E+02	2.0231 E+03	2.4085 E+01	- 1.3025 E+04	7.6645 E+04	2.8757 E+03	1.0281 E+03	5.7350 E+03	2.0111 E+05	6.4384 E+01	7.6646 E+02	2.3659 E+03	1.8479 E+04	6.6298 E+04	2.6992 E+03
5.4632 E+02	1.9684 E+03	1.7909 E+01	- 1.3025 E+04	7.0258 E+04	2.4685 E+03	1.0281 E+03	5.3253 E+03	2.9853 E+05	6.4384 E+01	7.2997 E+02	3.1881 E+03	1.8479 E+04	6.2615 E+04	2.8235 E+03
5.4632 E+02	1.9137 E+03	1.4762 E+01	- 1.3025 E+04	6.3871 E+04	1.5722 E+03	1.0281 E+03	4.9157 E+03	3.7178 E+05	6.4384 E+01	6.9347 E+02	3.4874 E+03	1.8479 E+04	5.8932 E+04	6.9641 E+03
5.4632 E+02	1.8591 E+03	4.0324 E+01	- 1.3025 E+04	5.7484 E+04	2.7883 E+03	1.0281 E+03	4.5061 E+03	4.4592 E+05	6.4384 E+01	6.5697 E+02	5.2607 E+03	1.8479 E+04	5.5248 E+04	5.8519 E+03

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.4632 E+02	1.8044 E+03	1.5128 E+02	- 1.3025 E+04	5.1097 E+04	6.0464 E+03	1.0281 E+03	4.0964 E+03	6.7748 E+05	6.4384 E+01	6.2047 E+02	7.0785 E+03	1.8479 E+04	5.1565 E+04	1.3986 E+04
5.4632 E+02	1.7497 E+03	3.1529 E+02	- 1.3025 E+04	4.4710 E+04	3.5842 E+04	1.0281 E+03	3.6868 E+03	9.4529 E+05	6.4384 E+01	5.8397 E+02	9.7425 E+03	1.8479 E+04	4.7882 E+04	2.0062 E+04
5.4632 E+02	1.6950 E+03	2.8943 E+02	- 1.3025 E+04	3.8322 E+04	1.1072 E+05	1.0281 E+03	3.2771 E+03	1.4410 E+06	6.4384 E+01	5.4747 E+02	1.1521 E+04	1.8479 E+04	4.4199 E+04	3.1640 E+04
5.4632 E+02	1.6404 E+03	2.7283 E+03	- 1.3025 E+04	3.1935 E+04	3.1455 E+05	1.0281 E+03	2.8675 E+03	1.7836 E+06	6.4384 E+01	5.1098 E+02	1.6565 E+04	1.8479 E+04	4.0515 E+04	6.0757 E+04
5.4632 E+02	1.5857 E+03	1.7787 E+03	- 1.3025 E+04	2.5548 E+04	6.9706 E+05	1.0281 E+03	2.4578 E+03	2.2502 E+06	6.4384 E+01	4.7448 E+02	2.3226 E+04	1.8479 E+04	3.6832 E+04	8.1625 E+04
5.4632 E+02	1.5310 E+03	1.1685 E+03	- 1.3025 E+04	1.9161 E+04	1.1720 E+06	1.0281 E+03	2.0482 E+03	2.3110 E+06	6.4384 E+01	4.3798 E+02	4.1306 E+04	1.8479 E+04	3.3149 E+04	1.0428 E+05
5.4632 E+02	1.4763 E+03	3.7290 E+03	- 1.3025 E+04	1.2774 E+04	1.5378 E+06	1.0281 E+03	1.6386 E+03	2.7421 E+06	6.4384 E+01	4.0148 E+02	6.2820 E+04	1.8479 E+04	2.9466 E+04	1.5633 E+05
5.4632 E+02	1.4216 E+03	2.0426 E+03	- 1.3025 E+04	6.3871 E+03	2.4458 E+06	1.0281 E+03	1.2289 E+03	2.4280 E+06	6.4384 E+01	3.6498 E+02	9.8032 E+04	1.8479 E+04	2.5783 E+04	2.1857 E+05
5.4632 E+02	1.3670 E+03	4.0483 E+03	- 1.3025 E+04	0.0000 E+00	9.2639 E+06	1.0281 E+03	8.1928 E+02	3.4918 E+06	6.4384 E+01	3.2848 E+02	1.6033 E+05	1.8479 E+04	2.2099 E+04	2.9197 E+05
5.4632 E+02	1.3123 E+03	6.6454 E+03	- 2.0531 E+04	3.1935 E+05	6.5105 E+00	1.0281 E+03	4.0964 E+02	9.1171 E+06	6.4384 E+01	2.9199 E+02	2.3144 E+05	1.8479 E+04	1.8416 E+04	4.7114 E+05
5.4632 E+02	1.2576 E+03	1.1081 E+04	- 2.0531 E+04	2.8742 E+05	1.6856 E+00	1.0281 E+03	0.0000 E+00	2.1354 E+07	6.4384 E+01	2.5549 E+02	4.0281 E+05	1.8479 E+04	1.4733 E+04	6.1295 E+05
5.4632 E+02	1.2029 E+03	2.3332 E+04	- 2.0531 E+04	2.7464 E+05	1.6856 E+00	5.3573 E+02	1.6386 E+04	3.1948 E+00	6.4384 E+01	2.1899 E+02	7.3625 E+05	1.8479 E+04	1.1050 E+04	9.8816 E+05
5.4632 E+02	1.1482 E+03	4.7431 E+04	- 2.0531 E+04	2.5548 E+05	1.6856 E+00	5.3573 E+02	1.5976 E+04	1.0607 E-01	6.4384 E+01	1.8249 E+02	1.4132 E+06	1.8479 E+04	7.3665 E+03	2.2439 E+06
5.4632 E+02	1.0936 E+03	5.6340 E+04	- 2.0531 E+04	2.4271 E+05	2.3750 E+00	5.3573 E+02	1.5566 E+04	5.1109 E-01	6.4384 E+01	1.4599 E+02	2.8724 E+06	1.8479 E+04	3.6832 E+03	7.0431 E+06
5.4632 E+02	1.0389 E+03	8.3986 E+04	- 2.0531 E+04	2.3632 E+05	1.7500 E+00	5.3573 E+02	1.5157 E+04	8.3457 E+01	6.4384 E+01	1.0949 E+02	6.1507 E+06	1.8479 E+04	0.0000 E+00	3.6166 E+07
5.4632 E+02	9.8421 E+02	9.5556 E+04	- 2.0531 E+04	2.2993 E+05	1.2500 E+00	5.3573 E+02	1.4747 E+04	5.3769 E+01	6.4384 E+01	7.2997 E+01	1.8204 E+07	1.4328 E+04	1.5470 E+05	2.1215 E-01
5.4632 E+02	9.2953 E+02	1.8874 E+05	- 2.0531 E+04	2.1716 E+05	6.7541 E-01	5.3573 E+02	1.4337 E+04	9.4091 E+02	6.4384 E+01	3.6498 E+01	6.0263 E+07	1.4328 E+04	1.5101 E+05	1.0607 E-01
5.4632 E+02	8.7485 E+02	2.4391 E+05	- 2.0531 E+04	2.1077 E+05	1.2500 E+00	5.3573 E+02	1.3928 E+04	1.2007 E+02	6.4384 E+01	0.0000 E+00	8.9068 E+07	1.4328 E+04	1.4733 E+05	1.0607 E-01

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.4632 E+02	8.2018 E+02	3.5711 E+05	- 2.0531 E+04	2.0439 E+05	6.2500 E-01	5.3573 E+02	1.3518 E+04	1.1183 E+02	2.7147 E+01	1.6789 E+03	2.5000 E+00	1.4328 E+04	1.3996 E+05	3.3719 E+00
5.4632 E+02	7.6550 E+02	4.5646 E+05	- 2.0531 E+04	1.9161 E+05	6.7541 E-01	5.3573 E+02	1.3109 E+04	8.5488 E+01	2.7147 E+01	1.5329 E+03	2.5000 E+00	1.4328 E+04	1.3628 E+05	8.2978 E-01
5.4632 E+02	7.1082 E+02	7.5090 E+05	- 2.0531 E+04	1.8523 E+05	2.5000 E+00	5.3573 E+02	1.2699 E+04	2.6269 E+02	2.7147 E+01	1.4599 E+03	2.1296 E+00	1.4328 E+04	1.3260 E+05	6.7231 E+00
5.4632 E+02	6.5614 E+02	1.0079 E+06	- 2.0531 E+04	1.7884 E+05	1.0083 E-01	5.3573 E+02	1.2289 E+04	1.9036 E+03	2.7147 E+01	1.4234 E+03	1.4257 E+00	1.4328 E+04	1.2891 E+05	6.3021 E+00
5.4632 E+02	6.0146 E+02	1.4001 E+06	- 2.0531 E+04	1.6606 E+05	1.5124 E-01	5.3573 E+02	1.1880 E+04	1.1673 E+03	2.7147 E+01	1.3869 E+03	7.6587 E-01	1.4328 E+04	1.2523 E+05	5.5961 E+00
5.4632 E+02	5.4678 E+02	1.9075 E+06	- 2.0531 E+04	1.5968 E+05	2.0166 E-01	5.3573 E+02	1.1470 E+04	1.1714 E+03	2.7147 E+01	1.3504 E+03	2.0298 E+00	1.4328 E+04	1.2155 E+05	9.0297 E+00
5.4632 E+02	4.9211 E+02	2.6475 E+06	- 2.0531 E+04	1.4690 E+05	5.0415 E-02	5.3573 E+02	1.1060 E+04	4.8140 E+03	2.7147 E+01	1.3139 E+03	1.3700 E+00	1.4328 E+04	1.1786 E+05	2.1969 E+02
5.4632 E+02	4.3743 E+02	3.0527 E+06	- 2.0531 E+04	1.4052 E+05	1.7361 E+00	5.3573 E+02	1.0651 E+04	2.0674 E+03	2.7147 E+01	1.2774 E+03	1.7939 E+01	1.4328 E+04	1.1418 E+05	1.2865 E+02
5.4632 E+02	3.8275 E+02	3.7439 E+06	- 2.0531 E+04	1.3413 E+05	1.0083 E-01	5.3573 E+02	1.0241 E+04	5.2400 E+03	2.7147 E+01	1.2409 E+03	2.1865 E+01	1.4328 E+04	1.1050 E+05	3.3947 E+02
5.4632 E+02	3.2807 E+02	4.2129 E+06	- 2.0531 E+04	1.2774 E+05	1.3122 E+01	5.3573 E+02	9.8314 E+03	9.5482 E+03	2.7147 E+01	1.2044 E+03	5.4919 E+00	1.4328 E+04	1.0681 E+05	3.5039 E+01
5.4632 E+02	2.7339 E+02	4.3886 E+06	- 2.0531 E+04	1.2135 E+05	2.0903 E+02	5.3573 E+02	9.4218 E+03	2.3488 E+04	2.7147 E+01	1.1679 E+03	5.6723 E+01	1.4328 E+04	1.0313 E+05	4.6870 E+02
5.4632 E+02	2.1871 E+02	4.1921 E+06	- 2.0531 E+04	1.1497 E+05	5.5579 E+00	5.3573 E+02	9.0121 E+03	1.3484 E+04	2.7147 E+01	1.1314 E+03	1.0088 E+02	1.4328 E+04	9.9447 E+04	5.3602 E+02
5.4632 E+02	1.6404 E+02	4.8183 E+06	- 2.0531 E+04	1.0858 E+05	1.0405 E+00	5.3573 E+02	8.6025 E+03	3.3383 E+04	2.7147 E+01	1.0949 E+03	2.6376 E+02	1.4328 E+04	9.5764 E+04	8.6742 E+02
5.4632 E+02	1.0936 E+02	7.5294 E+06	- 2.0531 E+04	1.0219 E+05	7.8002 E+01	5.3573 E+02	8.1928 E+03	4.4660 E+04	2.7147 E+01	1.0585 E+03	2.1483 E+02	1.4328 E+04	9.2081 E+04	1.1375 E+03
5.4632 E+02	5.4678 E+01	1.8375 E+07	- 2.0531 E+04	9.5806 E+04	4.3000 E+03	5.3573 E+02	7.7832 E+03	5.0717 E+04	2.7147 E+01	1.0220 E+03	3.6033 E+02	1.4328 E+04	8.8397 E+04	3.4426 E+02
5.4632 E+02	0.0000 E+00	2.7016 E+07	- 2.0531 E+04	8.9419 E+04	7.7361 E+01	5.3573 E+02	7.3735 E+03	7.3812 E+04	2.7147 E+01	9.8545 E+02	8.1926 E+02	1.4328 E+04	8.4714 E+04	1.4755 E+03
4.8200 E+02	2.6792 E+03	1.0607 E-01	- 2.0531 E+04	8.3032 E+04	1.6257 E+03	5.3573 E+02	6.9639 E+03	9.8337 E+04	2.7147 E+01	9.4896 E+02	2.2174 E+02	1.4328 E+04	8.1031 E+04	1.8295 E+03
4.8200 E+02	2.3512 E+03	2.1215 E-01	- 2.0531 E+04	7.6645 E+04	3.6100 E+03	5.3573 E+02	6.5543 E+03	1.4333 E+05	2.7147 E+01	9.1246 E+02	1.2246 E+03	1.4328 E+04	7.7348 E+04	9.0810 E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.8200 E+02	2.2965 E+03	2.3454 E+00	- 2.0531 E+04	7.0258 E+04	3.2717 E+03	5.3573 E+02	6.1446 E+03	1.9819 E+05	2.7147 E+01	8.7596 E+02	1.0121 E+03	1.4328 E+04	7.3665 E+04	2.0228 E+03
4.8200 E+02	2.2418 E+03	8.7145 E+00	- 2.0531 E+04	6.3871 E+04	8.3433 E+03	5.3573 E+02	5.7350 E+03	2.8826 E+05	2.7147 E+01	8.3946 E+02	1.6416 E+03	1.4328 E+04	6.9981 E+04	5.4239 E+03
4.8200 E+02	2.1871 E+03	4.3109 E+00	- 2.0531 E+04	5.7484 E+04	1.1092 E+04	5.3573 E+02	5.3253 E+03	3.8497 E+05	2.7147 E+01	8.0296 E+02	2.2869 E+03	1.4328 E+04	6.6298 E+04	7.6940 E+03
4.8200 E+02	2.1325 E+03	4.1094 E+00	- 2.0531 E+04	5.1097 E+04	4.2252 E+04	5.3573 E+02	4.9157 E+03	4.8812 E+05	2.7147 E+01	7.6646 E+02	3.7403 E+03	1.4328 E+04	6.2615 E+04	8.5739 E+03
4.8200 E+02	2.0778 E+03	1.6019 E+01	- 2.0531 E+04	4.4710 E+04	5.5841 E+04	5.3573 E+02	4.5061 E+03	7.6122 E+05	2.7147 E+01	7.2997 E+02	4.6791 E+03	1.4328 E+04	5.8932 E+04	2.2341 E+04
4.8200 E+02	2.0231 E+03	1.1379 E+02	- 2.0531 E+04	3.8322 E+04	1.4397 E+05	5.3573 E+02	4.0964 E+03	1.0358 E+06	2.7147 E+01	6.9347 E+02	9.4810 E+03	1.4328 E+04	5.5248 E+04	3.4651 E+04
4.8200 E+02	1.9684 E+03	1.2762 E+02	- 2.0531 E+04	3.1935 E+04	3.9387 E+05	5.3573 E+02	3.6868 E+03	1.3764 E+06	2.7147 E+01	6.5697 E+02	7.7131 E+03	1.4328 E+04	5.1565 E+04	5.6527 E+04
4.8200 E+02	1.9137 E+03	1.4260 E+02	- 2.0531 E+04	2.5548 E+04	1.0387 E+06	5.3573 E+02	3.2771 E+03	1.9793 E+06	2.7147 E+01	6.2047 E+02	1.9314 E+04	1.4328 E+04	4.7882 E+04	1.0614 E+05
4.8200 E+02	1.8591 E+03	1.9785 E+02	- 2.0531 E+04	1.9161 E+04	2.6190 E+06	5.3573 E+02	2.8675 E+03	2.3191 E+06	2.7147 E+01	5.8397 E+02	2.9163 E+04	1.4328 E+04	4.4199 E+04	1.1974 E+05
4.8200 E+02	1.8044 E+03	1.0073 E+02	- 2.0531 E+04	1.2774 E+04	4.1407 E+06	5.3573 E+02	2.4578 E+03	3.1164 E+06	2.7147 E+01	5.4747 E+02	4.3680 E+04	1.4328 E+04	4.0515 E+04	1.9757 E+05
4.8200 E+02	1.7497 E+03	3.3509 E+02	- 2.0531 E+04	6.3871 E+03	6.0991 E+06	5.3573 E+02	2.0482 E+03	3.7207 E+06	2.7147 E+01	5.1098 E+02	8.6566 E+04	1.4328 E+04	3.6832 E+04	3.0552 E+05
4.8200 E+02	1.6950 E+03	1.2007 E+03	- 2.0531 E+04	0.0000 E+00	1.9403 E+07	5.3573 E+02	1.6386 E+03	3.6564 E+06	2.7147 E+01	4.7448 E+02	1.4873 E+05	1.4328 E+04	3.3149 E+04	3.9259 E+05
4.8200 E+02	1.6404 E+03	4.2832 E+02	- 2.8036 E+04	3.0658 E+05	1.6856 E+00	5.3573 E+02	1.2289 E+03	4.1154 E+06	2.7147 E+01	4.3798 E+02	2.8054 E+05	1.4328 E+04	2.9466 E+04	6.7132 E+05
4.8200 E+02	1.5857 E+03	1.4123 E+03	- 2.8036 E+04	3.0019 E+05	5.2500 E+00	5.3573 E+02	8.1928 E+02	5.8870 E+06	2.7147 E+01	4.0148 E+02	4.9688 E+05	1.4328 E+04	2.5783 E+04	1.1201 E+06
4.8200 E+02	1.5310 E+03	1.8167 E+03	- 2.8036 E+04	2.9381 E+05	6.8713 E+00	5.3573 E+02	4.0964 E+02	1.4666 E+07	2.7147 E+01	3.6498 E+02	8.9189 E+05	1.4328 E+04	2.2099 E+04	1.6656 E+06
4.8200 E+02	1.4763 E+03	2.1771 E+03	- 2.8036 E+04	2.8103 E+05	5.1856 E+00	5.3573 E+02	0.0000 E+00	3.3936 E+07	2.7147 E+01	3.2848 E+02	1.6241 E+06	1.4328 E+04	1.8416 E+04	2.4015 E+06
4.8200 E+02	1.4216 E+03	3.8536 E+03	- 2.8036 E+04	2.7464 E+05	3.5000 E+00	4.3387 E+01	1.7615 E+04	2.7898 E+00	2.7147 E+01	2.9199 E+02	2.9200 E+06	1.4328 E+04	1.4733 E+04	3.3703 E+06
4.8200 E+02	1.3670 E+03	5.2515 E+03	- 2.8036 E+04	2.6826 E+05	7.0000 E+00	4.3387 E+01	1.7205 E+04	2.5192 E+00	2.7147 E+01	2.5549 E+02	5.3743 E+06	1.4328 E+04	1.1050 E+04	4.2257 E+06

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.8200 E+02	1.3123 E+03	9.5206 E+03	- 2.8036 E+04	2.6187 E+05	3.5000 E+00	4.3387 E+01	1.6795 E+04	1.0985 E+02	2.7147 E+01	2.1899 E+02	1.0180 E+07	1.4328 E+04	7.3665 E+03	6.8572 E+06
4.8200 E+02	1.2576 E+03	1.1252 E+04	- 2.8036 E+04	2.4910 E+05	3.6008 E+00	4.3387 E+01	1.6386 E+04	1.1600 E+02	2.7147 E+01	1.8249 E+02	1.8280 E+07	1.4328 E+04	3.6832 E+03	1.8363 E+07
4.8200 E+02	1.2029 E+03	1.1148 E+04	- 2.8036 E+04	2.4271 E+05	8.6856 E+00	4.3387 E+01	1.5976 E+04	9.0421 E+00	2.7147 E+01	1.4599 E+02	3.2816 E+07	1.4328 E+04	0.0000 E+00	8.4607 E+07
4.8200 E+02	1.1482 E+03	2.7904 E+04	- 2.8036 E+04	2.3632 E+05	2.3750 E+00	4.3387 E+01	1.5566 E+04	7.0514 E+01	2.7147 E+01	1.0949 E+02	5.6460 E+07	1.0177 E+04	1.5101 E+05	2.5000 E+00
4.8200 E+02	1.0936 E+03	3.3205 E+04	- 2.8036 E+04	2.2355 E+05	1.7500 E+00	4.3387 E+01	1.5157 E+04	3.8649 E+02	2.7147 E+01	7.2997 E+01	9.8599 E+07	1.0177 E+04	1.4733 E+05	6.5980 E-01
4.8200 E+02	1.0389 E+03	3.9857 E+04	- 2.8036 E+04	2.1716 E+05	1.8750 E+00	4.3387 E+01	1.4747 E+04	1.1419 E+03	2.7147 E+01	3.6498 E+01	2.1537 E+08	1.0177 E+04	1.4365 E+05	5.1061 E+00
4.8200 E+02	9.8421 E+02	7.3749 E+04	- 2.8036 E+04	2.1077 E+05	1.7500 E+00	4.3387 E+01	1.4337 E+04	1.0802 E+03	2.7147 E+01	0.0000 E+00	3.8793 E+08	1.0177 E+04	1.3628 E+05	4.0501 E-01
4.8200 E+02	9.2953 E+02	1.1662 E+05	- 2.8036 E+04	2.0439 E+05	6.2500 E-01	4.3387 E+01	1.3928 E+04	2.0844 E+03	- 1.0090 E+01	1.6424 E+03	1.0607 E-01	1.0177 E+04	1.3260 E+05	2.5000 E+00
4.8200 E+02	8.7485 E+02	1.5090 E+05	- 2.8036 E+04	1.9800 E+05	1.8750 E+00	4.3387 E+01	1.3518 E+04	9.7662 E+02	- 1.0090 E+01	1.5694 E+03	6.5980 E-01	1.0177 E+04	1.2891 E+05	3.7882 E-01
4.8200 E+02	8.2018 E+02	1.8653 E+05	- 2.8036 E+04	1.9161 E+05	7.7629 E+00	4.3387 E+01	1.3109 E+04	2.4178 E+03	- 1.0090 E+01	1.5329 E+03	6.5980 E-01	1.0177 E+04	1.2523 E+05	6.5569 E+00
4.8200 E+02	7.6550 E+02	2.1235 E+05	- 2.8036 E+04	1.7245 E+05	3.1250 E+00	4.3387 E+01	1.2699 E+04	5.8730 E+03	- 1.0090 E+01	1.4964 E+03	6.5980 E-01	1.0177 E+04	1.2155 E+05	2.3485 E+01
4.8200 E+02	7.1082 E+02	4.0381 E+05	- 2.8036 E+04	1.6606 E+05	6.2500 E-01	4.3387 E+01	1.2289 E+04	6.3159 E+03	- 1.0090 E+01	1.3869 E+03	2.0855 E+00	1.0177 E+04	1.1786 E+05	2.9429 E+01
4.8200 E+02	6.5614 E+02	4.5146 E+05	- 2.8036 E+04	1.5968 E+05	5.0415 E-02	4.3387 E+01	1.1880 E+04	6.5248 E+03	- 1.0090 E+01	1.3504 E+03	2.9050 E+00	1.0177 E+04	1.1418 E+05	3.2968 E+02
4.8200 E+02	6.0146 E+02	6.5182 E+05	- 2.8036 E+04	1.5329 E+05	5.0415 E-02	4.3387 E+01	1.1470 E+04	2.2852 E+04	- 1.0090 E+01	1.3139 E+03	1.5469 E+00	1.0177 E+04	1.1050 E+05	1.5843 E+02
4.8200 E+02	5.4678 E+02	1.1774 E+06	- 2.8036 E+04	1.4690 E+05	1.3021 E+00	4.3387 E+01	1.1060 E+04	2.5195 E+04	- 1.0090 E+01	1.2774 E+03	6.7039 E+00	1.0177 E+04	1.0681 E+05	2.7790 E+02
4.8200 E+02	4.9211 E+02	1.2112 E+06	- 2.8036 E+04	1.4052 E+05	1.9597 E+01	4.3387 E+01	1.0651 E+04	1.6626 E+04	- 1.0090 E+01	1.2409 E+03	3.2330 E+01	1.0177 E+04	1.0313 E+05	3.6624 E+02
4.8200 E+02	4.3743 E+02	1.7093 E+06	- 2.8036 E+04	1.3413 E+05	1.7047 E+01	4.3387 E+01	1.0241 E+04	1.2282 E+04	- 1.0090 E+01	1.2044 E+03	9.9903 E+00	1.0177 E+04	9.9447 E+04	2.9961 E+02
4.8200 E+02	3.8275 E+02	2.7840 E+06	- 2.8036 E+04	1.2774 E+05	3.1341 E+01	4.3387 E+01	9.8314 E+03	1.1677 E+04	- 1.0090 E+01	1.1679 E+03	1.3266 E+01	1.0177 E+04	9.5764 E+04	3.2080 E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE

Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.8200 E+02	3.2807 E+02	3.1769 E+06	- 2.8036 E+04	1.2135 E+05	3.1456 E+01	4.3387 E+01	9.4218 E+03	2.8628 E+04	- 1.0090 E+01	1.1314 E+03	4.8569 E+01	1.0177 E+04	9.2081 E+04	6.0071 E+02
4.8200 E+02	2.7339 E+02	3.5482 E+06	- 2.8036 E+04	1.1497 E+05	5.4361 E+00	4.3387 E+01	9.0121 E+03	5.8398 E+04	- 1.0090 E+01	1.0949 E+03	2.5627 E+02	1.0177 E+04	8.8397 E+04	1.6695 E+02
4.8200 E+02	2.1871 E+02	4.0965 E+06	- 2.8036 E+04	1.0858 E+05	5.6188 E+00	4.3387 E+01	8.6025 E+03	4.8530 E+04	- 1.0090 E+01	1.0585 E+03	3.9288 E+02	1.0177 E+04	8.4714 E+04	2.4896 E+02
4.8200 E+02	1.6404 E+02	4.2976 E+06	- 2.8036 E+04	1.0219 E+05	1.0823 E+03	4.3387 E+01	8.1928 E+03	6.4081 E+04	- 1.0090 E+01	1.0220 E+03	2.1841 E+02	1.0177 E+04	8.1031 E+04	1.4096 E+03
4.8200 E+02	1.0936 E+02	6.1986 E+06	- 2.8036 E+04	9.5806 E+04	1.9651 E+01	4.3387 E+01	7.7832 E+03	7.8519 E+04	- 1.0090 E+01	9.8545 E+02	2.9627 E+02	1.0177 E+04	7.7348 E+04	2.3191 E+03
4.8200 E+02	5.4678 E+01	1.7479 E+07	- 2.8036 E+04	8.9419 E+04	1.2784 E+03	4.3387 E+01	7.3735 E+03	1.3895 E+05	- 1.0090 E+01	9.4896 E+02	4.6725 E+02	1.0177 E+04	7.3665 E+04	2.0948 E+03
4.8200 E+02	0.0000 E+00	2.9276 E+07	- 2.8036 E+04	8.3032 E+04	3.8011 E+03	4.3387 E+01	6.9639 E+03	1.3554 E+05	- 1.0090 E+01	9.1246 E+02	5.0189 E+02	1.0177 E+04	6.9981 E+04	5.6443 E+03
4.1767 E+02	2.4605 E+03	1.6856 E+00	- 2.8036 E+04	7.6645 E+04	3.6578 E+03	4.3387 E+01	6.5543 E+03	1.9376 E+05	- 1.0090 E+01	8.7596 E+02	6.8753 E+02	1.0177 E+04	6.6298 E+04	1.0427 E+04
4.1767 E+02	2.4058 E+03	6.5980 E-01	- 2.8036 E+04	7.0258 E+04	1.6508 E+04	4.3387 E+01	6.1446 E+03	2.6837 E+05	- 1.0090 E+01	8.3946 E+02	4.4584 E+02	1.0177 E+04	6.2615 E+04	2.0133 E+04
4.1767 E+02	2.3512 E+03	4.0501 E-01	- 2.8036 E+04	6.3871 E+04	1.1935 E+04	4.3387 E+01	5.7350 E+03	3.3792 E+05	- 1.0090 E+01	8.0296 E+02	1.0749 E+03	1.0177 E+04	5.8932 E+04	3.5268 E+04
4.1767 E+02	2.2965 E+03	6.5980 E-01	- 2.8036 E+04	5.7484 E+04	1.1654 E+04	4.3387 E+01	5.3253 E+03	5.2524 E+05	- 1.0090 E+01	7.6646 E+02	1.3113 E+03	1.0177 E+04	5.5248 E+04	4.7231 E+04
4.1767 E+02	2.2418 E+03	8.1603 E+00	- 2.8036 E+04	5.1097 E+04	5.3198 E+04	4.3387 E+01	4.9157 E+03	7.1053 E+05	- 1.0090 E+01	7.2997 E+02	3.5165 E+03	1.0177 E+04	5.1565 E+04	1.0814 E+05
4.1767 E+02	2.1871 E+03	2.8958 E+00	- 2.8036 E+04	4.4710 E+04	8.4369 E+04	4.3387 E+01	4.5061 E+03	9.9830 E+05	- 1.0090 E+01	6.9347 E+02	4.9347 E+03	1.0177 E+04	4.7882 E+04	1.5524 E+05
4.1767 E+02	2.1325 E+03	3.6049 E+00	- 2.8036 E+04	3.8322 E+04	1.4176 E+05	4.3387 E+01	4.0964 E+03	1.3041 E+06	- 1.0090 E+01	6.5697 E+02	6.9319 E+03	1.0177 E+04	4.4199 E+04	1.8855 E+05
4.1767 E+02	2.0778 E+03	1.0496 E+01	- 2.8036 E+04	3.1935 E+04	4.0841 E+05	4.3387 E+01	3.6868 E+03	2.0029 E+06	- 1.0090 E+01	6.2047 E+02	1.5552 E+04	1.0177 E+04	4.0515 E+04	2.6780 E+05
4.1767 E+02	2.0231 E+03	2.8366 E+01	- 2.8036 E+04	2.5548 E+04	8.9577 E+05	4.3387 E+01	3.2771 E+03	2.3156 E+06	- 1.0090 E+01	5.8397 E+02	4.5523 E+04	1.0177 E+04	3.6832 E+04	3.2612 E+05
4.1767 E+02	1.9684 E+03	4.6426 E+01	- 2.8036 E+04	1.9161 E+04	2.6493 E+06	4.3387 E+01	2.8675 E+03	3.0593 E+06	- 1.0090 E+01	5.4747 E+02	4.7040 E+04	1.0177 E+04	3.3149 E+04	4.2881 E+05
4.1767 E+02	1.9137 E+03	9.1222 E+01	- 2.8036 E+04	1.2774 E+04	5.5482 E+06	4.3387 E+01	2.4578 E+03	4.2529 E+06	- 1.0090 E+01	5.1098 E+02	8.0570 E+04	1.0177 E+04	2.9466 E+04	5.6040 E+05

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.1767 E+02	1.8591 E+03	1.7329 E+02	- 2.8036 E+04	6.3871 E+03	7.5308 E+06	4.3387 E+01	2.0482 E+03	5.1679 E+06	- 1.0090 E+01	4.7448 E+02	1.0541 E+05	1.0177 E+04	2.5783 E+04	8.1179 E+05
4.1767 E+02	1.8044 E+03	1.8794 E+02	- 2.8036 E+04	0.0000 E+00	2.7459 E+07	4.3387 E+01	1.6386 E+03	6.1351 E+06	- 1.0090 E+01	4.3798 E+02	2.1783 E+05	1.0177 E+04	2.2099 E+04	1.3609 E+06
4.1767 E+02	1.7497 E+03	2.4960 E+02	- 3.5541 E+04	3.1935 E+05	1.6856 E+00	4.3387 E+01	1.2289 E+03	6.3621 E+06	- 1.0090 E+01	4.0148 E+02	3.5616 E+05	1.0177 E+04	1.8416 E+04	2.7252 E+06
4.1767 E+02	1.6950 E+03	3.1610 E+02	- 3.5541 E+04	3.1297 E+05	3.3713 E+00	4.3387 E+01	8.1928 E+02	8.5336 E+06	- 1.0090 E+01	3.6498 E+02	5.6352 E+05	1.0177 E+04	1.4733 E+04	4.6144 E+06
4.1767 E+02	1.6404 E+03	5.5801 E+02	- 3.5541 E+04	3.0658 E+05	1.6856 E+00	4.3387 E+01	4.0964 E+02	2.2095 E+07	- 1.0090 E+01	3.2848 E+02	1.3222 E+06	1.0177 E+04	1.1050 E+04	7.9658 E+06
4.1767 E+02	1.5857 E+03	4.5798 E+02	- 3.5541 E+04	2.8103 E+05	3.4356 E+00	4.3387 E+01	0.0000 E+00	5.3867 E+07	- 1.0090 E+01	2.9199 E+02	2.4880 E+06	1.0177 E+04	7.3665 E+03	1.3168 E+07
4.1767 E+02	1.5310 E+03	3.6202 E+03	- 3.5541 E+04	2.7464 E+05	1.6868 E+01	- 4.4896 E+02	2.0072 E+04	2.7898 E+00	- 1.0090 E+01	2.5549 E+02	4.6792 E+06	1.0177 E+04	3.6832 E+03	3.5042 E+07
4.1767 E+02	1.4763 E+03	1.6689 E+03	- 3.5541 E+04	2.6826 E+05	5.2500 E+00	- 4.4896 E+02	1.8844 E+04	6.5340 E+01	- 1.0090 E+01	2.1899 E+02	7.5413 E+06	1.0177 E+04	0.0000 E+00	1.4770 E+08
4.1767 E+02	1.4216 E+03	2.3664 E+03	- 3.5541 E+04	2.6187 E+05	5.1856 E+00	- 4.4896 E+02	1.8434 E+04	1.0651 E+01	- 1.0090 E+01	1.8249 E+02	1.2896 E+07	6.0258 E+03	1.8048 E+05	2.5000 E+00
4.1767 E+02	1.3670 E+03	3.3461 E+03	- 3.5541 E+04	2.5548 E+05	3.5000 E+00	- 4.4896 E+02	1.8024 E+04	2.7898 E+00	- 1.0090 E+01	1.4599 E+02	2.4469 E+07	6.0258 E+03	1.7679 E+05	2.5000 E+00
4.1767 E+02	1.3123 E+03	2.5574 E+03	- 3.5541 E+04	2.4910 E+05	7.0000 E+00	- 4.4896 E+02	1.7615 E+04	1.0702 E+01	- 1.0090 E+01	1.0949 E+02	4.6045 E+07	6.0258 E+03	1.5838 E+05	5.6598 E+00
4.1767 E+02	1.2576 E+03	4.1662 E+03	- 3.5541 E+04	2.4271 E+05	7.0504 E+00	- 4.4896 E+02	1.7205 E+04	5.0722 E+01	- 1.0090 E+01	7.2997 E+01	1.0397 E+08	6.0258 E+03	1.4733 E+05	1.0607 E-01
4.1767 E+02	1.2029 E+03	9.5470 E+03	- 3.5541 E+04	2.2993 E+05	6.7541 E-01	- 4.4896 E+02	1.6795 E+04	2.5779 E+02	- 1.0090 E+01	3.6498 E+01	2.6773 E+08	6.0258 E+03	1.4365 E+05	2.4301 E-03
4.1767 E+02	1.1482 E+03	8.7054 E+03	- 3.5541 E+04	2.2355 E+05	3.4356 E+00	- 4.4896 E+02	1.6386 E+04	5.6803 E+00	- 1.0090 E+01	0.0000 E+00	6.1024 E+08	6.0258 E+03	1.3628 E+05	1.0427 E+02
4.1767 E+02	1.0936 E+03	2.1611 E+04	- 3.5541 E+04	2.1077 E+05	5.0415 E-02	- 4.4896 E+02	1.5976 E+04	8.2695 E+01	- 4.7326 E+01	1.6424 E+03	6.5980 E-01	6.0258 E+03	1.3260 E+05	1.0057 E+00
4.1767 E+02	1.0389 E+03	2.1477 E+04	- 3.5541 E+04	2.0439 E+05	6.7541 E-01	- 4.4896 E+02	1.5566 E+04	1.0041 E+02	- 4.7326 E+01	1.5329 E+03	6.5980 E-01	6.0258 E+03	1.2891 E+05	5.3281 E-01
4.1767 E+02	9.8421 E+02	2.6759 E+04	- 3.5541 E+04	1.9800 E+05	3.8004 E+00	- 4.4896 E+02	1.5157 E+04	1.1769 E+03	- 4.7326 E+01	1.4964 E+03	1.5115 E-02	6.0258 E+03	1.2523 E+05	6.3700 E+00
4.1767 E+02	9.2953 E+02	3.2299 E+04	- 3.5541 E+04	1.9161 E+05	1.9909 E+00	- 4.4896 E+02	1.4747 E+04	6.5244 E+02	- 4.7326 E+01	1.4234 E+03	3.0230 E-02	6.0258 E+03	1.2155 E+05	5.8306 E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.1767 E+02	8.7485 E+02	2.9570 E+04	- 3.5541 E+04	1.8523 E+05	1.3004 E+00	- 4.4896 E+02	1.4337 E+04	1.2367 E+03	- 4.7326 E+01	1.3504 E+03	1.6820 E+00	6.0258 E+03	1.1786 E+05	1.3684 E+02
4.1767 E+02	8.2018 E+02	5.9928 E+04	- 3.5541 E+04	1.7884 E+05	1.7948 E+00	- 4.4896 E+02	1.3928 E+04	6.1025 E+03	- 4.7326 E+01	1.3139 E+03	2.3751 E+01	6.0258 E+03	1.1418 E+05	3.7890 E+01
4.1767 E+02	7.6550 E+02	9.5172 E+04	- 3.5541 E+04	1.7245 E+05	1.4690 E+00	- 4.4896 E+02	1.3518 E+04	4.7355 E+03	- 4.7326 E+01	1.2409 E+03	1.3556 E+01	6.0258 E+03	1.1050 E+05	3.4627 E+01
4.1767 E+02	7.1082 E+02	1.0296 E+05	- 3.5541 E+04	1.6606 E+05	2.4254 E+00	- 4.4896 E+02	1.3109 E+04	1.7545 E+04	- 4.7326 E+01	1.2044 E+03	2.6256 E-01	6.0258 E+03	1.0681 E+05	1.5881 E+02
4.1767 E+02	6.5614 E+02	1.9313 E+05	- 3.5541 E+04	1.5968 E+05	3.2762 E+00	- 4.4896 E+02	1.2699 E+04	1.2456 E+04	- 4.7326 E+01	1.1679 E+03	2.0175 E+01	6.0258 E+03	1.0313 E+05	4.2839 E+01
4.1767 E+02	6.0146 E+02	3.1424 E+05	- 3.5541 E+04	1.5329 E+05	1.0687 E+02	- 4.4896 E+02	1.2289 E+04	3.1785 E+04	- 4.7326 E+01	1.1314 E+03	1.1470 E+01	6.0258 E+03	9.9447 E+04	2.7113 E+02
4.1767 E+02	5.4678 E+02	3.7872 E+05	- 3.5541 E+04	1.4690 E+05	7.5504 E+00	- 4.4896 E+02	1.1880 E+04	3.4756 E+04	- 4.7326 E+01	1.0949 E+03	6.3645 E-01	6.0258 E+03	9.5764 E+04	6.9406 E+02
4.1767 E+02	4.9211 E+02	6.3675 E+05	- 3.5541 E+04	1.4052 E+05	1.0888 E+02	- 4.4896 E+02	1.1470 E+04	3.9213 E+04	- 4.7326 E+01	1.0585 E+03	3.3497 E+01	6.0258 E+03	9.2081 E+04	1.8014 E+02
4.1767 E+02	4.3743 E+02	1.1670 E+06	- 3.5541 E+04	1.3413 E+05	1.9754 E+01	- 4.4896 E+02	1.1060 E+04	2.6409 E+04	- 4.7326 E+01	1.0220 E+03	6.4215 E+01	6.0258 E+03	8.8397 E+04	3.8913 E+02
4.1767 E+02	3.8275 E+02	1.6497 E+06	- 3.5541 E+04	1.2774 E+05	5.0293 E+00	- 4.4896 E+02	1.0651 E+04	7.6290 E+04	- 4.7326 E+01	9.8545 E+02	2.9446 E+01	6.0258 E+03	8.4714 E+04	3.9639 E+02
4.1767 E+02	3.2807 E+02	2.4907 E+06	- 3.5541 E+04	1.2135 E+05	2.5668 E+01	- 4.4896 E+02	1.0241 E+04	5.7609 E+04	- 4.7326 E+01	9.4896 E+02	1.4964 E+02	6.0258 E+03	8.1031 E+04	5.7129 E+02
4.1767 E+02	2.7339 E+02	3.6439 E+06	- 3.5541 E+04	1.1497 E+05	2.3230 E+01	- 4.4896 E+02	9.8314 E+03	3.9923 E+04	- 4.7326 E+01	9.1246 E+02	4.6786 E+01	6.0258 E+03	7.7348 E+04	2.8648 E+02
4.1767 E+02	2.1871 E+02	4.4530 E+06	- 3.5541 E+04	1.0858 E+05	2.3085 E+02	- 4.4896 E+02	9.4218 E+03	5.7045 E+04	- 4.7326 E+01	8.7596 E+02	7.3476 E+01	6.0258 E+03	7.3665 E+04	1.5510 E+03
4.1767 E+02	1.6404 E+02	4.9242 E+06	- 3.5541 E+04	1.0219 E+05	3.9763 E+01	- 4.4896 E+02	9.0121 E+03	5.5191 E+04	- 4.7326 E+01	8.3946 E+02	4.0860 E+02	6.0258 E+03	6.9981 E+04	1.7381 E+03
4.1767 E+02	1.0936 E+02	6.5885 E+06	- 3.5541 E+04	9.5806 E+04	1.1825 E+03	- 4.4896 E+02	8.6025 E+03	7.0886 E+04	- 4.7326 E+01	8.0296 E+02	1.7709 E+02	6.0258 E+03	6.6298 E+04	1.0977 E+03
4.1767 E+02	5.4678 E+01	1.9631 E+07	- 3.5541 E+04	8.9419 E+04	1.4475 E+03	- 4.4896 E+02	8.1928 E+03	1.0229 E+05	- 4.7326 E+01	7.6646 E+02	2.0835 E+02	6.0258 E+03	6.2615 E+04	3.1625 E+03
4.1767 E+02	0.0000 E+00	3.5370 E+07	- 3.5541 E+04	8.3032 E+04	2.7345 E+03	- 4.4896 E+02	7.7832 E+03	1.3096 E+05	- 4.7326 E+01	7.2997 E+02	3.8784 E+02	6.0258 E+03	5.8932 E+04	5.9445 E+03
3.5335 E+02	2.5152 E+03	5.0415 E-02	- 3.5541 E+04	7.6645 E+04	6.5819 E+03	- 4.4896 E+02	7.3735 E+03	1.5954 E+05	- 4.7326 E+01	6.9347 E+02	3.1777 E+02	6.0258 E+03	5.5248 E+04	7.4594 E+03

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.5335 E+02	2.4605 E+03	2.3454 E+00	- 3.5541 E+04	7.0258 E+04	4.7320 E+03	- 4.4896 E+02	6.9639 E+03	2.3708 E+05	- 4.7326 E+01	6.5697 E+02	6.1755 E+02	6.0258 E+03	5.1565 E+04	1.9839 E+04
3.5335 E+02	2.4058 E+03	1.0607 E-01	- 3.5541 E+04	6.3871 E+04	1.6840 E+04	- 4.4896 E+02	6.5543 E+03	1.9190 E+05	- 4.7326 E+01	6.2047 E+02	1.6074 E+03	6.0258 E+03	4.7882 E+04	3.9660 E+04
3.5335 E+02	2.3512 E+03	8.7195 E-01	- 3.5541 E+04	5.7484 E+04	3.1404 E+04	- 4.4896 E+02	6.1446 E+03	3.7286 E+05	- 4.7326 E+01	5.8397 E+02	1.4874 E+03	6.0258 E+03	4.4199 E+04	7.6057 E+04
3.5335 E+02	2.2965 E+03	1.6856 E+00	- 3.5541 E+04	5.1097 E+04	4.5017 E+04	- 4.4896 E+02	5.7350 E+03	6.1939 E+05	- 4.7326 E+01	5.4747 E+02	1.3320 E+03	6.0258 E+03	4.0515 E+04	1.0799 E+05
3.5335 E+02	2.1871 E+03	2.8217 E+00	- 3.5541 E+04	4.4710 E+04	6.5757 E+04	- 4.4896 E+02	5.3253 E+03	6.1017 E+05	- 4.7326 E+01	5.1098 E+02	2.8178 E+03	6.0258 E+03	3.6832 E+04	1.2754 E+05
3.5335 E+02	2.1325 E+03	1.5237 E+01	- 3.5541 E+04	3.8322 E+04	1.3140 E+05	- 4.4896 E+02	4.9157 E+03	9.9295 E+05	- 4.7326 E+01	4.7448 E+02	3.7547 E+03	6.0258 E+03	3.3149 E+04	1.5888 E+05
3.5335 E+02	2.0778 E+03	5.6665 E+00	- 3.5541 E+04	3.1935 E+04	3.7679 E+05	- 4.4896 E+02	4.5061 E+03	1.1710 E+06	- 4.7326 E+01	4.3798 E+02	6.7994 E+03	6.0258 E+03	2.9466 E+04	2.6173 E+05
3.5335 E+02	2.0231 E+03	9.7066 E+00	- 3.5541 E+04	2.5548 E+04	9.6730 E+05	- 4.4896 E+02	4.0964 E+03	1.5504 E+06	- 4.7326 E+01	4.0148 E+02	5.7635 E+03	6.0258 E+03	2.5783 E+04	5.5357 E+05
3.5335 E+02	1.9684 E+03	1.4682 E+01	- 3.5541 E+04	1.9161 E+04	2.6905 E+06	- 4.4896 E+02	3.6868 E+03	2.1135 E+06	- 4.7326 E+01	3.6498 E+02	1.0295 E+04	6.0258 E+03	2.2099 E+04	1.2678 E+06
3.5335 E+02	1.9137 E+03	4.6968 E+01	- 3.5541 E+04	1.2774 E+04	5.6549 E+06	- 4.4896 E+02	3.2771 E+03	2.9330 E+06	- 4.7326 E+01	3.2848 E+02	2.2374 E+04	6.0258 E+03	1.8416 E+04	2.8115 E+06
3.5335 E+02	1.8591 E+03	6.6772 E+01	- 3.5541 E+04	6.3871 E+03	8.5798 E+06	- 4.4896 E+02	2.8675 E+03	3.8483 E+06	- 4.7326 E+01	2.9199 E+02	2.5568 E+04	6.0258 E+03	1.4733 E+04	6.3649 E+06
3.5335 E+02	1.8044 E+03	1.0790 E+02	- 3.5541 E+04	0.0000 E+00	2.8092 E+07	- 4.4896 E+02	2.4578 E+03	4.9560 E+06	- 4.7326 E+01	2.5549 E+02	4.3659 E+04	6.0258 E+03	1.1050 E+04	1.2154 E+07
3.5335 E+02	1.7497 E+03	8.4898 E+01	- 4.3046 E+04	3.0658 E+05	1.6856 E+00	- 4.4896 E+02	2.0482 E+03	6.0809 E+06	- 4.7326 E+01	2.1899 E+02	1.2550 E+05	6.0258 E+03	7.3665 E+03	2.0225 E+07
3.5335 E+02	1.6950 E+03	1.3678 E+02	- 4.3046 E+04	3.0019 E+05	1.6856 E+00	- 4.4896 E+02	1.6386 E+03	6.1591 E+06	- 4.7326 E+01	1.8249 E+02	3.4555 E+05	6.0258 E+03	3.6832 E+03	3.9434 E+07
3.5335 E+02	1.6404 E+03	2.2693 E+02	- 4.3046 E+04	2.8742 E+05	8.1961 E+00	- 4.4896 E+02	1.2289 E+03	6.0784 E+06	- 4.7326 E+01	1.4599 E+02	7.5618 E+05	6.0258 E+03	0.0000 E+00	1.5578 E+08
3.5335 E+02	1.5857 E+03	1.5452 E+03	- 4.3046 E+04	2.7464 E+05	1.6856 E+00	- 4.4896 E+02	8.1928 E+02	8.5763 E+06	- 4.7326 E+01	1.0949 E+02	1.8539 E+06	1.8748 E+03	1.6575 E+05	2.5000 E+00
3.5335 E+02	1.5310 E+03	1.1457 E+03	- 4.3046 E+04	2.6826 E+05	1.7500 E+00	- 4.4896 E+02	4.0964 E+02	2.0765 E+07	- 4.7326 E+01	7.2997 E+01	6.8465 E+06	1.8748 E+03	1.6206 E+05	5.0000 E+00
3.5335 E+02	1.4763 E+03	1.5106 E+03	- 4.3046 E+04	2.5548 E+05	1.1696 E+01	- 4.4896 E+02	0.0000 E+00	4.7906 E+07	- 4.7326 E+01	3.6498 E+01	2.9304 E+07	1.8748 E+03	1.5470 E+05	2.5000 E+00

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.5335 E+02	1.4216 E+03	7.2111 E+02	- 4.3046 E+04	2.4910 E+05	5.2361 E+00	- 9.4130 E+02	1.9663 E+04	2.7898 E+00	- 4.7326 E+01	0.0000 E+00	7.1260 E+07	1.8748 E+03	1.4733 E+05	7.5000 E+00
3.5335 E+02	1.3670 E+03	2.4416 E+03	- 4.3046 E+04	2.3632 E+05	3.5504 E+00	- 9.4130 E+02	1.9253 E+04	2.7898 E+00	- 8.4563 E+01	1.5694 E+03	6.5980 E-01	1.8748 E+03	1.4365 E+05	2.5000 E+00
3.5335 E+02	1.3123 E+03	4.1221 E+03	- 4.3046 E+04	2.2993 E+05	3.5000 E+00	- 9.4130 E+02	1.7615 E+04	1.0651 E+01	- 8.4563 E+01	1.4234 E+03	5.0000 E+00	1.8748 E+03	1.3996 E+05	2.5192 E+00
3.5335 E+02	1.2576 E+03	5.9138 E+03	- 4.3046 E+04	2.2355 E+05	1.7500 E+00	- 9.4130 E+02	1.7205 E+04	5.1382 E+01	- 8.4563 E+01	1.3869 E+03	1.5115 E-02	1.8748 E+03	1.3628 E+05	3.1790 E+00
3.5335 E+02	1.2029 E+03	2.8783 E+03	- 4.3046 E+04	2.1716 E+05	6.5105 E+00	- 9.4130 E+02	1.6795 E+04	1.4600 E+01	- 8.4563 E+01	1.3504 E+03	2.1215 E-01	1.8748 E+03	1.3260 E+05	1.0988 E+02
3.5335 E+02	1.1482 E+03	3.0298 E+03	- 4.3046 E+04	2.1077 E+05	2.4254 E+00	- 9.4130 E+02	1.6386 E+04	7.9461 E-01	- 8.4563 E+01	1.2774 E+03	4.0501 E-01	1.8748 E+03	1.2891 E+05	5.0000 E+00
3.5335 E+02	1.0936 E+03	1.0881 E+04	- 4.3046 E+04	2.0439 E+05	1.4365 E+01	- 9.4130 E+02	1.5976 E+04	1.8184 E+02	- 8.4563 E+01	1.1679 E+03	2.5192 E+00	1.8748 E+03	1.2523 E+05	3.1598 E+00
3.5335 E+02	1.0389 E+03	6.9212 E+03	- 4.3046 E+04	1.9800 E+05	1.2716 E+01	- 9.4130 E+02	1.5566 E+04	7.3572 E+02	- 8.4563 E+01	1.1314 E+03	6.4176 E+00	1.8748 E+03	1.2155 E+05	2.6159 E+00
3.5335 E+02	9.8421 E+02	1.4556 E+04	- 4.3046 E+04	1.9161 E+05	7.8974 E-01	- 9.4130 E+02	1.5157 E+04	1.3714 E+03	- 8.4563 E+01	1.0949 E+03	1.3700 E+00	1.8748 E+03	1.1786 E+05	8.6772 E+00
3.5335 E+02	9.2953 E+02	1.8967 E+04	- 4.3046 E+04	1.8523 E+05	5.1805 E+00	- 9.4130 E+02	1.4747 E+04	9.5693 E+02	- 8.4563 E+01	1.0585 E+03	7.5000 E+00	1.8748 E+03	1.1418 E+05	1.1130 E+01
3.5335 E+02	8.7485 E+02	2.4988 E+04	- 4.3046 E+04	1.7884 E+05	2.4513 E+01	- 9.4130 E+02	1.4337 E+04	4.3419 E+03	- 8.4563 E+01	1.0220 E+03	2.7122 E+00	1.8748 E+03	1.1050 E+05	1.4755 E+01
3.5335 E+02	8.2018 E+02	3.4193 E+04	- 4.3046 E+04	1.7245 E+05	2.8120 E+00	- 9.4130 E+02	1.3928 E+04	7.0153 E+03	- 8.4563 E+01	9.8545 E+02	4.3820 E+00	1.8748 E+03	1.0681 E+05	1.2291 E+02
3.5335 E+02	7.6550 E+02	6.0161 E+04	- 4.3046 E+04	1.6606 E+05	3.4604 E+00	- 9.4130 E+02	1.3518 E+04	1.2162 E+04	- 8.4563 E+01	9.4896 E+02	1.4175 E+00	1.8748 E+03	1.0313 E+05	1.1200 E+01
3.5335 E+02	7.1082 E+02	5.1258 E+04	- 4.3046 E+04	1.5968 E+05	2.6647 E+00	- 9.4130 E+02	1.3109 E+04	6.6341 E+03	- 8.4563 E+01	9.1246 E+02	1.9924 E+01	1.8748 E+03	9.9447 E+04	3.0427 E+01
3.5335 E+02	6.5614 E+02	3.5795 E+04	- 4.3046 E+04	1.5329 E+05	3.9316 E+00	- 9.4130 E+02	1.2699 E+04	2.2299 E+04	- 8.4563 E+01	8.7596 E+02	8.2022 E+00	1.8748 E+03	9.5764 E+04	1.1536 E+02
3.5335 E+02	6.0146 E+02	9.8240 E+04	- 4.3046 E+04	1.4690 E+05	2.3488 E+00	- 9.4130 E+02	1.2289 E+04	2.0541 E+04	- 8.4563 E+01	8.3946 E+02	2.0012 E+01	1.8748 E+03	9.2081 E+04	1.4884 E+02
3.5335 E+02	5.4678 E+02	1.7241 E+05	- 4.3046 E+04	1.4052 E+05	1.4885 E+01	- 9.4130 E+02	1.1880 E+04	3.7753 E+04	- 8.4563 E+01	8.0296 E+02	2.8373 E+02	1.8748 E+03	8.8397 E+04	1.5681 E+02
3.5335 E+02	4.9211 E+02	2.2169 E+05	- 4.3046 E+04	1.3413 E+05	6.7672 E+00	- 9.4130 E+02	1.1470 E+04	3.4440 E+04	- 8.4563 E+01	7.6646 E+02	2.4337 E+02	1.8748 E+03	8.4714 E+04	2.7862 E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.5335 E+02	4.3743 E+02	3.8334 E+05	- 4.3046 E+04	1.2774 E+05	7.4692 E+00	- 9.4130 E+02	1.1060 E+04	7.1146 E+04	- 8.4563 E+01	7.2997 E+02	2.4020 E+02	1.8748 E+03	8.1031 E+04	3.0635 E+02
3.5335 E+02	3.8275 E+02	6.3357 E+05	- 4.3046 E+04	1.2135 E+05	1.8960 E+02	- 9.4130 E+02	1.0651 E+04	9.2322 E+04	- 8.4563 E+01	6.9347 E+02	8.0151 E+01	1.8748 E+03	7.7348 E+04	1.2615 E+03
3.5335 E+02	3.2807 E+02	1.2515 E+06	- 4.3046 E+04	1.1497 E+05	6.2190 E+01	- 9.4130 E+02	1.0241 E+04	5.7560 E+04	- 8.4563 E+01	6.5697 E+02	2.7531 E+02	1.8748 E+03	7.3665 E+04	1.3606 E+03
3.5335 E+02	2.7339 E+02	2.8522 E+06	- 4.3046 E+04	1.0858 E+05	6.9630 E+02	- 9.4130 E+02	9.8314 E+03	8.9001 E+04	- 8.4563 E+01	6.2047 E+02	3.2043 E+02	1.8748 E+03	6.9981 E+04	1.3251 E+02
3.5335 E+02	2.1871 E+02	4.5395 E+06	- 4.3046 E+04	1.0219 E+05	2.2160 E+03	- 9.4130 E+02	9.4218 E+03	1.5208 E+05	- 8.4563 E+01	5.8397 E+02	3.6669 E+02	1.8748 E+03	6.6298 E+04	5.0010 E+02
3.5335 E+02	1.6404 E+02	5.6319 E+06	- 4.3046 E+04	9.5806 E+04	3.3112 E+03	- 9.4130 E+02	9.0121 E+03	7.3429 E+04	- 8.4563 E+01	5.4747 E+02	2.1528 E+02	1.8748 E+03	6.2615 E+04	2.5947 E+03
3.5335 E+02	1.0936 E+02	7.4031 E+06	- 4.3046 E+04	8.9419 E+04	5.1794 E+02	- 9.4130 E+02	8.6025 E+03	5.3977 E+04	- 8.4563 E+01	5.1098 E+02	8.0899 E+02	1.8748 E+03	5.8932 E+04	3.2711 E+03
3.5335 E+02	5.4678 E+01	2.2213 E+07	- 4.3046 E+04	8.3032 E+04	5.9249 E+03	- 9.4130 E+02	8.1928 E+03	1.1835 E+05	- 8.4563 E+01	4.7448 E+02	8.3666 E+02	1.8748 E+03	5.5248 E+04	2.4827 E+03
3.5335 E+02	0.0000 E+00	4.1323 E+07	- 4.3046 E+04	7.6645 E+04	7.4576 E+03	- 9.4130 E+02	7.7832 E+03	1.5433 E+05	- 8.4563 E+01	4.3798 E+02	9.7223 E+02	1.8748 E+03	5.1565 E+04	2.5020 E+03
2.8903 E+02	2.5152 E+03	1.6856 E+00	- 4.3046 E+04	7.0258 E+04	5.0803 E+03	- 9.4130 E+02	7.3735 E+03	1.9009 E+05	- 8.4563 E+01	4.0148 E+02	1.6542 E+03	1.8748 E+03	4.7882 E+04	1.3014 E+04
2.8903 E+02	2.3512 E+03	1.0648 E+00	- 4.3046 E+04	6.3871 E+04	4.3170 E+03	- 9.4130 E+02	6.9639 E+03	2.0748 E+05	- 8.4563 E+01	3.6498 E+02	2.1819 E+03	1.8748 E+03	4.4199 E+04	2.4803 E+04
2.8903 E+02	2.2965 E+03	1.3909 E+00	- 4.3046 E+04	5.7484 E+04	2.4568 E+04	- 9.4130 E+02	6.5543 E+03	3.4567 E+05	- 8.4563 E+01	3.2848 E+02	2.3428 E+03	1.8748 E+03	4.0515 E+04	4.7023 E+04
2.8903 E+02	2.1871 E+03	5.0315 E+00	- 4.3046 E+04	5.1097 E+04	1.1954 E+04	- 9.4130 E+02	6.1446 E+03	3.5519 E+05	- 8.4563 E+01	2.9199 E+02	3.0896 E+03	1.8748 E+03	3.6832 E+04	9.2980 E+04
2.8903 E+02	2.1325 E+03	7.5879 E+00	- 4.3046 E+04	4.4710 E+04	6.2278 E+04	- 9.4130 E+02	5.7350 E+03	4.7894 E+05	- 8.4563 E+01	2.5549 E+02	8.6448 E+03	1.8748 E+03	3.3149 E+04	1.4780 E+05
2.8903 E+02	2.0778 E+03	2.4278 E+00	- 4.3046 E+04	3.8322 E+04	1.4558 E+05	- 9.4130 E+02	5.3253 E+03	7.0435 E+05	- 8.4563 E+01	2.1899 E+02	2.3246 E+04	1.8748 E+03	2.9466 E+04	2.9559 E+05
2.8903 E+02	2.0231 E+03	1.1229 E+01	- 4.3046 E+04	3.1935 E+04	2.8411 E+05	- 9.4130 E+02	4.9157 E+03	9.5865 E+05	- 8.4563 E+01	1.8249 E+02	3.4053 E+04	1.8748 E+03	2.5783 E+04	7.4380 E+05
2.8903 E+02	1.9684 E+03	1.6620 E+01	- 4.3046 E+04	2.5548 E+04	7.6865 E+05	- 9.4130 E+02	4.5061 E+03	1.2367 E+06	- 8.4563 E+01	1.4599 E+02	1.4971 E+05	1.8748 E+03	2.2099 E+04	1.5935 E+06
2.8903 E+02	1.9137 E+03	3.1137 E+01	- 4.3046 E+04	1.9161 E+04	1.8464 E+06	- 9.4130 E+02	4.0964 E+03	1.4291 E+06	- 8.4563 E+01	1.0949 E+02	4.9209 E+05	1.8748 E+03	1.8416 E+04	4.2072 E+06

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.8903 E+02	1.8591 E+03	3.0774 E+01	- 4.3046 E+04	1.2774 E+04	4.1346 E+06	- 9.4130 E+02	3.6868 E+03	2.2483 E+06	- 8.4563 E+01	7.2997 E+01	1.3585 E+06	1.8748 E+03	1.4733 E+04	8.2933 E+06
2.8903 E+02	1.8044 E+03	6.5988 E+02	- 4.3046 E+04	6.3871 E+03	5.9241 E+06	- 9.4130 E+02	3.2771 E+03	3.0736 E+06	- 8.4563 E+01	3.6498 E+01	5.3735 E+06	1.8748 E+03	1.1050 E+04	1.6472 E+07
2.8903 E+02	1.7497 E+03	3.1057 E+01	- 4.3046 E+04	0.0000 E+00	2.1959 E+07	- 9.4130 E+02	2.8675 E+03	3.6160 E+06	- 8.4563 E+01	0.0000 E+00	1.2856 E+07	1.8748 E+03	7.3665 E+03	3.1437 E+07
2.8903 E+02	1.6950 E+03	2.7090 E+02	- 5.0551 E+04	2.8103 E+05	1.6856 E+00	- 9.4130 E+02	2.4578 E+03	4.2339 E+06	- 1.2180 E+02	1.3869 E+03	2.5000 E+00	1.8748 E+03	3.6832 E+03	5.7985 E+07
2.8903 E+02	1.6404 E+03	2.8582 E+01	- 5.0551 E+04	2.7464 E+05	5.1213 E+00	- 9.4130 E+02	2.0482 E+03	4.5335 E+06	- 1.2180 E+02	1.2409 E+03	5.0000 E+00	1.8748 E+03	0.0000 E+00	1.7033 E+08
2.8903 E+02	1.5857 E+03	1.1115 E+02	- 5.0551 E+04	2.6826 E+05	5.0415 E-02	- 9.4130 E+02	1.6386 E+03	4.9302 E+06	- 1.2180 E+02	1.0949 E+03	2.5000 E+00	- 2.2763 E+03	1.7679 E+05	5.0000 E+00
2.8903 E+02	1.5310 E+03	6.5521 E+01	- 5.0551 E+04	2.6187 E+05	1.3253 E+01	- 9.4130 E+02	1.2289 E+03	5.3312 E+06	- 1.2180 E+02	1.0585 E+03	1.3196 E+00	- 2.2763 E+03	1.5101 E+05	2.5000 E+00
2.8903 E+02	1.4763 E+03	1.9318 E+03	- 5.0551 E+04	2.5548 E+05	1.1696 E+01	- 9.4130 E+02	8.1928 E+02	6.8893 E+06	- 1.2180 E+02	9.8545 E+02	3.0230 E-02	- 2.2763 E+03	1.4365 E+05	2.5000 E+00
2.8903 E+02	1.4216 E+03	3.9461 E+02	- 5.0551 E+04	2.4910 E+05	8.2605 E+00	- 9.4130 E+02	4.0964 E+02	1.7379 E+07	- 1.2180 E+02	9.4896 E+02	7.5000 E+00	- 2.2763 E+03	1.3996 E+05	6.5980 E-01
2.8903 E+02	1.3670 E+03	3.1492 E+02	- 5.0551 E+04	2.4271 E+05	1.6856 E+00	- 9.4130 E+02	0.0000 E+00	3.9748 E+07	- 1.2180 E+02	9.1246 E+02	3.0230 E-02	- 2.2763 E+03	1.3260 E+05	2.5000 E+00
2.8903 E+02	1.3123 E+03	2.9826 E+03	- 5.0551 E+04	2.3632 E+05	5.2500 E+00	- 1.4336 E+03	1.7205 E+04	2.5133 E+01	- 1.2180 E+02	8.7596 E+02	2.1215 E-01	- 2.2763 E+03	1.2155 E+05	1.0672 E+02
2.8903 E+02	1.2576 E+03	2.1455 E+03	- 5.0551 E+04	2.2993 E+05	1.2615 E+01	- 1.4336 E+03	1.6795 E+04	2.5192 E+00	- 1.2180 E+02	8.3946 E+02	2.1215 E-01	- 2.2763 E+03	1.1786 E+05	2.5504 E+00
2.8903 E+02	1.2029 E+03	3.2432 E+03	- 5.0551 E+04	2.2355 E+05	6.5105 E+00	- 1.4336 E+03	1.6386 E+04	1.2625 E+01	- 1.2180 E+02	8.0296 E+02	4.3976 E+01	- 2.2763 E+03	1.1418 E+05	1.0217 E+01
2.8903 E+02	1.1482 E+03	6.0320 E+03	- 5.0551 E+04	2.1716 E+05	1.7500 E+00	- 1.4336 E+03	1.5976 E+04	3.5441 E+02	- 1.2180 E+02	7.6646 E+02	7.8706 E+00	- 2.2763 E+03	1.1050 E+05	2.0691 E-01
2.8903 E+02	1.0936 E+03	3.4974 E+03	- 5.0551 E+04	2.0439 E+05	2.7061 E+01	- 1.4336 E+03	1.5566 E+04	1.2938 E+02	- 1.2180 E+02	7.2997 E+02	9.6174 E+00	- 2.2763 E+03	1.0681 E+05	1.1266 E+02
2.8903 E+02	1.0389 E+03	3.3380 E+03	- 5.0551 E+04	1.9800 E+05	1.4396 E+01	- 1.4336 E+03	1.5157 E+04	2.0124 E+03	- 1.2180 E+02	6.9347 E+02	2.8514 E+00	- 2.2763 E+03	1.0313 E+05	3.5445 E-01
2.8903 E+02	9.8421 E+02	5.2692 E+03	- 5.0551 E+04	1.9161 E+05	1.2921 E+01	- 1.4336 E+03	1.4747 E+04	2.3615 E+03	- 1.2180 E+02	6.5697 E+02	8.2407 E+00	- 2.2763 E+03	9.9447 E+04	2.0156 E+01
2.8903 E+02	9.2953 E+02	4.7857 E+03	- 5.0551 E+04	1.8523 E+05	3.4130 E+00	- 1.4336 E+03	1.4337 E+04	3.2468 E+03	- 1.2180 E+02	6.2047 E+02	4.4647 E+02	- 2.2763 E+03	9.5764 E+04	9.6853 E+00

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.8903 E+02	8.7485 E+02	1.1643 E+04	- 5.0551 E+04	1.7884 E+05	2.0763 E+01	- 1.4336 E+03	1.3928 E+04	2.9222 E+03	- 1.2180 E+02	5.8397 E+02	8.9284 E+01	- 2.2763 E+03	9.2081 E+04	2.1517 E+01
2.8903 E+02	8.2018 E+02	7.6846 E+03	- 5.0551 E+04	1.7245 E+05	2.3917 E+01	- 1.4336 E+03	1.3518 E+04	9.2980 E+03	- 1.2180 E+02	5.4747 E+02	2.2945 E+02	- 2.2763 E+03	8.8397 E+04	4.7048 E+02
2.8903 E+02	7.6550 E+02	1.4133 E+04	- 5.0551 E+04	1.6606 E+05	5.4846 E+00	- 1.4336 E+03	1.3109 E+04	9.9282 E+03	- 1.2180 E+02	5.1098 E+02	6.5563 E+01	- 2.2763 E+03	8.4714 E+04	2.2550 E+03
2.8903 E+02	7.1082 E+02	4.2147 E+04	- 5.0551 E+04	1.5968 E+05	1.7681 E+01	- 1.4336 E+03	1.2699 E+04	1.3018 E+04	- 1.2180 E+02	4.7448 E+02	3.5672 E+02	- 2.2763 E+03	8.1031 E+04	3.5366 E+03
2.8903 E+02	6.5614 E+02	2.6861 E+04	- 5.0551 E+04	1.5329 E+05	8.5685 E-01	- 1.4336 E+03	1.2289 E+04	1.0254 E+04	- 1.2180 E+02	4.3798 E+02	1.2274 E+02	- 2.2763 E+03	7.7348 E+04	2.5614 E+03
2.8903 E+02	6.0146 E+02	2.3490 E+04	- 5.0551 E+04	1.4690 E+05	1.1038 E+02	- 1.4336 E+03	1.1880 E+04	1.0927 E+04	- 1.2180 E+02	4.0148 E+02	5.0641 E+01	- 2.2763 E+03	7.3665 E+04	1.5282 E+03
2.8903 E+02	5.4678 E+02	5.1866 E+04	- 5.0551 E+04	1.4052 E+05	1.8414 E+01	- 1.4336 E+03	1.1470 E+04	1.6471 E+04	- 1.2180 E+02	3.6498 E+02	3.0993 E+02	- 2.2763 E+03	6.9981 E+04	4.6270 E+03
2.8903 E+02	4.9211 E+02	9.4030 E+04	- 5.0551 E+04	1.3413 E+05	3.4544 E+01	- 1.4336 E+03	1.1060 E+04	2.5330 E+04	- 1.2180 E+02	3.2848 E+02	8.3191 E+02	- 2.2763 E+03	6.6298 E+04	7.9165 E+03
2.8903 E+02	4.3743 E+02	1.7866 E+05	- 5.0551 E+04	1.2774 E+05	3.9655 E+01	- 1.4336 E+03	1.0651 E+04	4.7700 E+04	- 1.2180 E+02	2.9199 E+02	1.7829 E+02	- 2.2763 E+03	6.2615 E+04	2.6903 E+03
2.8903 E+02	3.8275 E+02	4.6935 E+05	- 5.0551 E+04	1.2135 E+05	3.2573 E+02	- 1.4336 E+03	1.0241 E+04	7.9010 E+04	- 1.2180 E+02	2.5549 E+02	1.0974 E+03	- 2.2763 E+03	5.8932 E+04	7.5065 E+03
2.8903 E+02	3.2807 E+02	1.0017 E+06	- 5.0551 E+04	1.1497 E+05	6.3313 E+02	- 1.4336 E+03	9.8314 E+03	7.7191 E+04	- 1.2180 E+02	2.1899 E+02	2.7871 E+03	- 2.2763 E+03	5.5248 E+04	5.1019 E+03
2.8903 E+02	2.7339 E+02	1.7640 E+06	- 5.0551 E+04	1.0858 E+05	4.5283 E+02	- 1.4336 E+03	9.4218 E+03	1.0933 E+05	- 1.2180 E+02	1.8249 E+02	1.1224 E+04	- 2.2763 E+03	5.1565 E+04	1.1924 E+04
2.8903 E+02	2.1871 E+02	3.0360 E+06	- 5.0551 E+04	1.0219 E+05	4.2340 E+02	- 1.4336 E+03	9.0121 E+03	1.7309 E+05	- 1.2180 E+02	1.4599 E+02	2.2190 E+04	- 2.2763 E+03	4.7882 E+04	2.0665 E+04
2.8903 E+02	1.6404 E+02	5.2321 E+06	- 5.0551 E+04	9.5806 E+04	1.6506 E+03	- 1.4336 E+03	8.6025 E+03	1.5718 E+05	- 1.2180 E+02	1.0949 E+02	8.4218 E+04	- 2.2763 E+03	4.4199 E+04	5.9476 E+04
2.8903 E+02	1.0936 E+02	7.7601 E+06	- 5.0551 E+04	8.9419 E+04	4.3875 E+03	- 1.4336 E+03	8.1928 E+03	2.2508 E+05	- 1.2180 E+02	7.2997 E+01	3.1952 E+05	- 2.2763 E+03	4.0515 E+04	6.6308 E+04
2.8903 E+02	5.4678 E+01	2.3724 E+07	- 5.0551 E+04	8.3032 E+04	3.9779 E+03	- 1.4336 E+03	7.7832 E+03	1.4931 E+05	- 1.2180 E+02	3.6498 E+01	1.1690 E+06	- 2.2763 E+03	3.6832 E+04	6.3256 E+04
2.8903 E+02	0.0000 E+00	5.3523 E+07	- 5.0551 E+04	7.6645 E+04	1.0092 E+04	- 1.4336 E+03	7.3735 E+03	1.9730 E+05	- 1.2180 E+02	0.0000 E+00	2.7115 E+06	- 2.2763 E+03	3.3149 E+04	9.2962 E+04
2.2470 E+02	2.3512 E+03	1.6856 E+00	- 5.0551 E+04	7.0258 E+04	3.7344 E+03	- 1.4336 E+03	6.9639 E+03	2.6989 E+05	- 1.5904 E+02	9.1246 E+02	2.4238 E-01	- 2.2763 E+03	2.9466 E+04	1.5653 E+05

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/R/E



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.2470 E+02	2.2965 E+03	1.7500 E+00	- 5.0551 E+04	6.3871 E+04	1.6617 E+04	- 1.4336 E+03	6.5543 E+03	4.2653 E+05	- 1.5904 E+02	8.3946 E+02	5.0000 E+00	- 2.2763 E+03	2.5783 E+04	2.7200 E+05
2.2470 E+02	2.2418 E+03	5.6819 E+00	- 5.0551 E+04	5.7484 E+04	8.9302 E+03	- 1.4336 E+03	6.1446 E+03	5.4379 E+05	- 1.5904 E+02	8.0296 E+02	1.2343 E+00	- 2.2763 E+03	2.2099 E+04	3.9814 E+05
2.2470 E+02	2.1871 E+03	5.5628 E+00	- 5.0551 E+04	5.1097 E+04	4.0164 E+04	- 1.4336 E+03	5.7350 E+03	6.1353 E+05	- 1.5904 E+02	7.6646 E+02	5.0384 E+00	- 2.2763 E+03	1.8416 E+04	5.4904 E+05
2.2470 E+02	2.1325 E+03	7.1339 E+00	- 5.0551 E+04	4.4710 E+04	4.1039 E+04	- 1.4336 E+03	5.3253 E+03	9.1196 E+05	- 1.5904 E+02	6.9347 E+02	5.0384 E+00	- 2.2763 E+03	1.4733 E+04	1.0665 E+06
2.2470 E+02	2.0778 E+03	9.3750 E+00	- 5.0551 E+04	3.8322 E+04	8.7394 E+04	- 1.4336 E+03	4.9157 E+03	1.0502 E+06	- 1.5904 E+02	6.5697 E+02	6.3580 E+00	- 2.2763 E+03	1.1050 E+04	2.9113 E+06
2.2470 E+02	2.0231 E+03	5.1856 E+00	- 5.0551 E+04	3.1935 E+04	2.2977 E+05	- 1.4336 E+03	4.5061 E+03	1.2698 E+06	- 1.5904 E+02	6.2047 E+02	1.6022 E+01	- 2.2763 E+03	7.3665 E+03	1.2256 E+07
2.2470 E+02	1.9684 E+03	4.1111 E+00	- 5.0551 E+04	2.5548 E+04	6.1104 E+05	- 1.4336 E+03	4.0964 E+03	1.7042 E+06	- 1.5904 E+02	5.8397 E+02	6.2153 E+00	- 2.2763 E+03	3.6832 E+03	4.2436 E+07
2.2470 E+02	1.9137 E+03	8.7019 E+00	- 5.0551 E+04	1.9161 E+04	1.7110 E+06	- 1.4336 E+03	3.6868 E+03	2.2935 E+06	- 1.5904 E+02	5.4747 E+02	2.3058 E+01	- 2.2763 E+03	0.0000 E+00	1.4039 E+08
2.2470 E+02	1.8591 E+03	2.5970 E+01	- 5.0551 E+04	1.2774 E+04	2.4310 E+06	- 1.4336 E+03	3.2771 E+03	2.7364 E+06	- 1.5904 E+02	5.1098 E+02	5.8925 E+00	- 6.4273 E+03	1.2523 E+05	3.0230 E-02
2.2470 E+02	1.8044 E+03	6.5908 E+00	- 5.0551 E+04	6.3871 E+03	3.8529 E+06	- 1.4336 E+03	2.8675 E+03	3.1109 E+06	- 1.5904 E+02	4.7448 E+02	2.4406 E+01	- 6.4273 E+03	1.1786 E+05	6.0635 E+00
2.2470 E+02	1.7497 E+03	1.3830 E+01	- 5.0551 E+04	0.0000 E+00	1.3906 E+07	- 1.4336 E+03	2.4578 E+03	3.7173 E+06	- 1.5904 E+02	4.3798 E+02	1.4899 E+01	- 6.4273 E+03	1.1050 E+05	1.0428 E+02
2.2470 E+02	1.6950 E+03	7.4547 E+00	- 5.8057 E+04	3.0658 E+05	1.6856 E+00	- 1.4336 E+03	2.0482 E+03	3.9249 E+06	- 1.5904 E+02	4.0148 E+02	2.0968 E+01	- 6.4273 E+03	1.0313 E+05	7.5000 E+00
2.2470 E+02	1.6404 E+03	6.3796 E+02	- 5.8057 E+04	2.8103 E+05	5.0570 E+00	- 1.4336 E+03	1.6386 E+03	4.0435 E+06	- 1.5904 E+02	3.6498 E+02	3.8133 E+01	- 6.4273 E+03	9.9447 E+04	7.5875 E-01
2.2470 E+02	1.5857 E+03	1.1091 E+02	- 5.8057 E+04	2.7464 E+05	1.6856 E+00	- 1.4336 E+03	1.2289 E+03	3.8076 E+06	- 1.5904 E+02	3.2848 E+02	4.8361 E+01	- 6.4273 E+03	9.5764 E+04	1.0715 E+02
2.2470 E+02	1.5310 E+03	3.8081 E+01	- 5.8057 E+04	2.6826 E+05	3.3713 E+00	- 1.4336 E+03	8.1928 E+02	5.8647 E+06	- 1.5904 E+02	2.9199 E+02	2.6086 E+02	- 6.4273 E+03	9.2081 E+04	7.7346 E+00
2.2470 E+02	1.4763 E+03	1.6941 E+01	- 5.8057 E+04	2.6187 E+05	3.3713 E+00	- 1.4336 E+03	4.0964 E+02	1.4335 E+07	- 1.5904 E+02	2.5549 E+02	1.1046 E+02	- 6.4273 E+03	8.8397 E+04	3.2587 E+00
2.2470 E+02	1.4216 E+03	2.4719 E+01	- 5.8057 E+04	2.5548 E+05	1.7361 E+00	- 1.4336 E+03	0.0000 E+00	3.1625 E+07	- 1.5904 E+02	2.1899 E+02	1.3414 E+02	- 6.4273 E+03	8.4714 E+04	2.1376 E+02
2.2470 E+02	1.3670 E+03	2.4161 E+02	- 5.8057 E+04	2.4910 E+05	1.6856 E+00	- 1.9260 E+03	2.0482 E+04	5.0415 E-02	- 1.5904 E+02	1.8249 E+02	1.5719 E+03	- 6.4273 E+03	8.1031 E+04	2.1444 E+03

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Document:
 0138-8633 VER 00

Description:
 Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

Page
 134/410

Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.2470 E+02	1.3123 E+03	6.6138 E+02	- 5.8057 E+04	2.3632 E+05	2.6042 E+01	- 1.9260 E+03	1.9253 E+04	6.5980 E-01	- 1.5904 E+02	1.4599 E+02	6.7516 E+03	- 6.4273 E+03	7.7348 E+04	1.2580 E+02
2.2470 E+02	1.2576 E+03	1.5411 E+02	- 5.8057 E+04	2.2993 E+05	6.2500 E-01	- 1.9260 E+03	1.8024 E+04	1.0607 E-01	- 1.5904 E+02	1.0949 E+02	2.0116 E+04	- 6.4273 E+03	7.3665 E+04	1.2690 E+03
2.2470 E+02	1.2029 E+03	4.5306 E+02	- 5.8057 E+04	2.2355 E+05	1.8434 E+01	- 1.9260 E+03	1.7615 E+04	6.3333 E+01	- 1.5904 E+02	7.2997 E+01	4.2374 E+04	- 6.4273 E+03	6.9981 E+04	4.5010 E+02
2.2470 E+02	1.1482 E+03	1.6706 E+02	- 5.8057 E+04	2.1716 E+05	1.5266 E+01	- 1.9260 E+03	1.7205 E+04	6.2585 E+01	- 1.5904 E+02	3.6498 E+01	2.4623 E+05	- 6.4273 E+03	6.6298 E+04	9.4673 E+01
2.2470 E+02	1.0936 E+03	1.2586 E+02	- 5.8057 E+04	2.1077 E+05	3.6702 E+01	- 1.9260 E+03	1.6386 E+04	2.3963 E+02	- 1.5904 E+02	0.0000 E+00	5.8726 E+05	- 6.4273 E+03	6.2615 E+04	3.4874 E+03
2.2470 E+02	1.0389 E+03	3.7585 E+02	- 5.8057 E+04	2.0439 E+05	2.7576 E+01	- 1.9260 E+03	1.5976 E+04	1.3321 E+02	- 1.9627 E+02	9.1246 E+02	5.0415 E-02	- 6.4273 E+03	5.8932 E+04	1.2098 E+03
2.2470 E+02	9.8421 E+02	4.4887 E+02	- 5.8057 E+04	1.9800 E+05	7.1725 E+00	- 1.9260 E+03	1.5566 E+04	2.4966 E+02	- 1.9627 E+02	8.7596 E+02	1.3196 E+00	- 6.4273 E+03	5.5248 E+04	1.5838 E+02
2.2470 E+02	9.2953 E+02	4.2453 E+02	- 5.8057 E+04	1.9161 E+05	1.2883 E+01	- 1.9260 E+03	1.5157 E+04	2.1924 E+02	- 1.9627 E+02	8.0296 E+02	3.0230 E-02	- 6.4273 E+03	5.1565 E+04	2.4515 E+03
2.2470 E+02	8.7485 E+02	2.9464 E+03	- 5.8057 E+04	1.8523 E+05	1.4204 E+00	- 1.9260 E+03	1.4747 E+04	8.5800 E+01	- 1.9627 E+02	7.2997 E+02	3.0230 E-02	- 6.4273 E+03	4.7882 E+04	6.3283 E+02
2.2470 E+02	8.2018 E+02	2.2926 E+03	- 5.8057 E+04	1.7884 E+05	1.6526 E+01	- 1.9260 E+03	1.4337 E+04	1.5328 E+03	- 1.9627 E+02	6.5697 E+02	5.0000 E+00	- 6.4273 E+03	4.4199 E+04	3.3110 E+03
2.2470 E+02	7.6550 E+02	6.0648 E+03	- 5.8057 E+04	1.7245 E+05	1.1545 E+02	- 1.9260 E+03	1.3928 E+04	2.3485 E+03	- 1.9627 E+02	5.1098 E+02	7.6042 E+00	- 6.4273 E+03	4.0515 E+04	3.4532 E+03
2.2470 E+02	7.1082 E+02	8.5240 E+03	- 5.8057 E+04	1.6606 E+05	9.6425 E+00	- 1.9260 E+03	1.3518 E+04	1.3363 E+03	- 1.9627 E+02	4.7448 E+02	1.3196 E+00	- 6.4273 E+03	3.6832 E+04	1.6915 E+03
2.2470 E+02	6.5614 E+02	1.9791 E+04	- 5.8057 E+04	1.5968 E+05	3.0303 E+00	- 1.9260 E+03	1.3109 E+04	1.7225 E+03	- 1.9627 E+02	4.0148 E+02	5.2424 E+00	- 6.4273 E+03	3.3149 E+04	9.4822 E+02
2.2470 E+02	6.0146 E+02	3.0978 E+04	- 5.8057 E+04	1.5329 E+05	1.1089 E+02	- 1.9260 E+03	1.2699 E+04	2.3231 E+03	- 1.9627 E+02	3.6498 E+02	1.0892 E+01	- 6.4273 E+03	2.9466 E+04	1.6453 E+03
2.2470 E+02	5.4678 E+02	6.2577 E+04	- 5.8057 E+04	1.4690 E+05	3.2536 E+01	- 1.9260 E+03	1.2289 E+04	3.2747 E+03	- 1.9627 E+02	3.2848 E+02	4.3079 E+01	- 6.4273 E+03	2.5783 E+04	1.4963 E+03
2.2470 E+02	4.9211 E+02	1.4036 E+05	- 5.8057 E+04	1.4052 E+05	5.6369 E+01	- 1.9260 E+03	1.1880 E+04	1.0543 E+04	- 1.9627 E+02	2.9199 E+02	2.2597 E+01	- 6.4273 E+03	2.2099 E+04	1.9639 E+03
2.2470 E+02	4.3743 E+02	2.6173 E+05	- 5.8057 E+04	1.3413 E+05	1.7391 E+02	- 1.9260 E+03	1.1470 E+04	1.8737 E+04	- 1.9627 E+02	2.5549 E+02	2.7813 E+02	- 6.4273 E+03	1.8416 E+04	2.3987 E+03
2.2470 E+02	3.8275 E+02	5.9916 E+05	- 5.8057 E+04	1.2774 E+05	5.2223 E+02	- 1.9260 E+03	1.1060 E+04	1.3679 E+04	- 1.9627 E+02	2.1899 E+02	2.7491 E+02	- 6.4273 E+03	1.4733 E+04	3.2509 E+03

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.2470 E+02	3.2807 E+02	1.0833 E+06	- 5.8057 E+04	1.2135 E+05	3.0072 E+02	- 1.9260 E+03	1.0651 E+04	1.9136 E+04	- 1.9627 E+02	1.8249 E+02	7.2464 E+02	- 6.4273 E+03	1.1050 E+04	1.1228 E+04
2.2470 E+02	2.7339 E+02	2.3883 E+06	- 5.8057 E+04	1.1497 E+05	9.9357 E+02	- 1.9260 E+03	1.0241 E+04	2.2062 E+04	- 1.9627 E+02	1.4599 E+02	1.3972 E+03	- 6.4273 E+03	7.3665 E+03	8.1595 E+04
2.2470 E+02	2.1871 E+02	4.9850 E+06	- 5.8057 E+04	1.0858 E+05	4.6441 E+02	- 1.9260 E+03	9.8314 E+03	4.8033 E+04	- 1.9627 E+02	1.0949 E+02	1.5408 E+03	- 6.4273 E+03	3.6832 E+03	5.9961 E+05
2.2470 E+02	1.6404 E+02	9.7523 E+06	- 5.8057 E+04	1.0219 E+05	3.0398 E+03	- 1.9260 E+03	9.4218 E+03	6.7626 E+04	- 1.9627 E+02	7.2997 E+01	1.1375 E+04	- 6.4273 E+03	0.0000 E+00	5.7234 E+06
2.2470 E+02	1.0936 E+02	1.3362 E+07	- 5.8057 E+04	9.5806 E+04	1.2390 E+03	- 1.9260 E+03	9.0121 E+03	8.4229 E+04	- 1.9627 E+02	3.6498 E+01	4.5396 E+04	- 1.0578 E+04	1.4733 E+05	1.5115 E-02
2.2470 E+02	5.4678 E+01	3.1034 E+07	- 5.8057 E+04	8.9419 E+04	2.2542 E+03	- 1.9260 E+03	8.6025 E+03	1.2896 E+05	- 1.9627 E+02	0.0000 E+00	1.2989 E+05	- 1.0578 E+04	1.4365 E+05	1.5115 E-02
2.2470 E+02	0.0000 E+00	7.2546 E+07	- 5.8057 E+04	8.3032 E+04	2.1913 E+03	- 1.9260 E+03	8.1928 E+03	2.0331 E+05	- 2.3351 E+02	7.2997 E+02	6.5980 E-01	- 1.0578 E+04	1.3260 E+05	5.0000 E+00
1.6038 E+02	2.7339 E+03	1.6856 E+00	- 5.8057 E+04	7.6645 E+04	1.1130 E+04	- 1.9260 E+03	7.7832 E+03	2.0589 E+05	- 2.3351 E+02	4.7448 E+02	5.2122 E+00	- 1.0578 E+04	1.1418 E+05	2.4301 E-03
1.6038 E+02	2.6246 E+03	1.6856 E+00	- 5.8057 E+04	7.0258 E+04	2.2479 E+04	- 1.9260 E+03	7.3735 E+03	2.7995 E+05	- 2.3351 E+02	4.0148 E+02	1.3196 E+00	- 1.0578 E+04	1.0313 E+05	8.5635 E+00
1.6038 E+02	2.5152 E+03	5.0415 E-02	- 5.8057 E+04	6.3871 E+04	2.8362 E+04	- 1.9260 E+03	6.9639 E+03	3.3591 E+05	- 2.3351 E+02	3.6498 E+02	1.0101 E+01	- 1.0578 E+04	9.9447 E+04	2.5000 E+00
1.6038 E+02	2.4605 E+03	1.7361 E+00	- 5.8057 E+04	5.7484 E+04	9.2958 E+03	- 1.9260 E+03	6.5543 E+03	3.6627 E+05	- 2.3351 E+02	3.2848 E+02	8.1003 E-01	- 1.0578 E+04	9.5764 E+04	5.1008 E+00
1.6038 E+02	2.3512 E+03	3.4356 E+00	- 5.8057 E+04	5.1097 E+04	4.5706 E+04	- 1.9260 E+03	6.1446 E+03	5.2449 E+05	- 2.3351 E+02	2.9199 E+02	1.0202 E+01	- 1.0578 E+04	8.8397 E+04	7.5655 E+00
1.6038 E+02	2.2965 E+03	3.4356 E+00	- 5.8057 E+04	4.4710 E+04	8.8553 E+04	- 1.9260 E+03	5.7350 E+03	5.8247 E+05	- 2.3351 E+02	2.5549 E+02	7.6093 E+00	- 1.0578 E+04	8.4714 E+04	1.6474 E-01
1.6038 E+02	2.2418 E+03	1.7500 E+00	- 5.8057 E+04	3.8322 E+04	1.4010 E+05	- 1.9260 E+03	5.3253 E+03	9.6421 E+05	- 2.3351 E+02	2.1899 E+02	2.2564 E+01	- 1.0578 E+04	8.1031 E+04	7.6008 E+00
1.6038 E+02	2.1871 E+03	5.1213 E+00	- 5.8057 E+04	3.1935 E+04	5.3035 E+05	- 1.9260 E+03	4.9157 E+03	1.1750 E+06	- 2.3351 E+02	1.8249 E+02	2.1890 E+02	- 1.0578 E+04	7.7348 E+04	1.0945 E+02
1.6038 E+02	2.1325 E+03	5.2865 E+00	- 5.8057 E+04	2.5548 E+04	9.2980 E+05	- 1.9260 E+03	4.5061 E+03	1.4401 E+06	- 2.3351 E+02	1.4599 E+02	7.0085 E+02	- 1.0578 E+04	7.3665 E+04	1.3543 E+01
1.6038 E+02	2.0778 E+03	6.4878 E+00	- 5.8057 E+04	1.9161 E+04	2.1095 E+06	- 1.9260 E+03	4.0964 E+03	1.6728 E+06	- 2.3351 E+02	1.0949 E+02	2.6474 E+03	- 1.0578 E+04	6.9981 E+04	2.0383 E+01
1.6038 E+02	2.0231 E+03	5.9878 E+00	- 5.8057 E+04	1.2774 E+04	3.7926 E+06	- 1.9260 E+03	3.6868 E+03	2.2618 E+06	- 2.3351 E+02	7.2997 E+01	1.4857 E+03	- 1.0578 E+04	6.6298 E+04	2.8087 E+01

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.6038 E+02	1.9684 E+03	3.5000 E+00	- 5.8057 E+04	6.3871 E+03	4.5133 E+06	- 1.9260 E+03	3.2771 E+03	2.6526 E+06	- 2.3351 E+02	3.6498 E+01	1.0228 E+04	- 1.0578 E+04	6.2615 E+04	3.4873 E+02
1.6038 E+02	1.9137 E+03	4.2500 E+00	- 5.8057 E+04	0.0000 E+00	1.5044 E+07	- 1.9260 E+03	2.8675 E+03	3.0229 E+06	- 2.3351 E+02	0.0000 E+00	6.4080 E+04	- 1.0578 E+04	5.8932 E+04	3.2279 E+01
1.6038 E+02	1.8591 E+03	6.2500 E-01	- 6.5562 E+04	2.6826 E+05	3.3713 E+00	- 1.9260 E+03	2.4578 E+03	3.2610 E+06	- 2.7075 E+02	9.1246 E+02	1.3196 E+00	- 1.0578 E+04	5.5248 E+04	2.6205 E+02
1.6038 E+02	1.8044 E+03	7.0000 E+00	- 6.5562 E+04	2.6187 E+05	3.3713 E+00	- 1.9260 E+03	2.0482 E+03	3.1442 E+06	- 2.7075 E+02	4.3798 E+02	1.2782 E-01	- 1.0578 E+04	5.1565 E+04	8.9031 E+02
1.6038 E+02	1.7497 E+03	6.2500 E-01	- 6.5562 E+04	2.5548 E+05	3.3713 E+00	- 1.9260 E+03	1.6386 E+03	2.5995 E+06	- 2.7075 E+02	3.2848 E+02	5.0000 E+00	- 1.0578 E+04	4.7882 E+04	2.7832 E+02
1.6038 E+02	1.6950 E+03	6.2500 E-01	- 6.5562 E+04	2.4910 E+05	8.1961 E+00	- 1.9260 E+03	1.2289 E+03	3.0374 E+06	- 2.7075 E+02	2.9199 E+02	5.0000 E+00	- 1.0578 E+04	4.4199 E+04	4.9531 E+02
1.6038 E+02	1.6404 E+03	3.9550 E+00	- 6.5562 E+04	2.4271 E+05	1.6856 E+00	- 1.9260 E+03	8.1928 E+02	5.5422 E+06	- 2.7075 E+02	2.5549 E+02	1.0000 E+01	- 1.0578 E+04	4.0515 E+04	1.5594 E+02
1.6038 E+02	1.5857 E+03	7.8932 E+00	- 6.5562 E+04	2.2993 E+05	1.2214 E+01	- 1.9260 E+03	4.0964 E+02	1.2775 E+07	- 2.7075 E+02	2.1899 E+02	1.1250 E+01	- 1.0578 E+04	3.6832 E+04	5.9641 E+02
1.6038 E+02	1.5310 E+03	1.4988 E+01	- 6.5562 E+04	2.2355 E+05	2.6921 E+01	- 1.9260 E+03	0.0000 E+00	2.4499 E+07	- 2.7075 E+02	1.8249 E+02	2.5855 E+02	- 1.0578 E+04	3.3149 E+04	8.1772 E+02
1.6038 E+02	1.4763 E+03	1.3671 E+01	- 6.5562 E+04	2.1716 E+05	3.2284 E+01	- 2.4183 E+03	1.8844 E+04	8.9360 E+00	- 2.7075 E+02	1.4599 E+02	2.0499 E+01	- 1.0578 E+04	2.9466 E+04	1.0766 E+03
1.6038 E+02	1.4216 E+03	4.0117 E+01	- 6.5562 E+04	2.1077 E+05	3.3535 E+01	- 2.4183 E+03	1.8434 E+04	6.3910 E-02	- 2.7075 E+02	1.0949 E+02	4.2567 E+01	- 1.0578 E+04	2.5783 E+04	7.9190 E+02
1.6038 E+02	1.3670 E+03	2.0155 E+01	- 6.5562 E+04	2.0439 E+05	3.0516 E+00	- 2.4183 E+03	1.7615 E+04	6.5509 E+01	- 2.7075 E+02	7.2997 E+01	2.1989 E+03	- 1.0578 E+04	2.2099 E+04	8.6499 E+02
1.6038 E+02	1.3123 E+03	4.8542 E+01	- 6.5562 E+04	1.9800 E+05	1.3143 E+01	- 2.4183 E+03	1.7205 E+04	3.7298 E+01	- 2.7075 E+02	3.6498 E+01	5.5067 E+03	- 1.0578 E+04	1.8416 E+04	7.1232 E+02
1.6038 E+02	1.2576 E+03	3.0602 E+01	- 6.5562 E+04	1.9161 E+05	9.6079 E+00	- 2.4183 E+03	1.6795 E+04	5.7644 E+00	- 2.7075 E+02	0.0000 E+00	1.2481 E+04	- 1.0578 E+04	1.4733 E+04	9.2504 E+02
1.6038 E+02	1.2029 E+03	7.3383 E+01	- 6.5562 E+04	1.8523 E+05	4.7096 E+01	- 2.4183 E+03	1.6386 E+04	2.3173 E+02	- 3.0798 E+02	4.3798 E+02	1.0083 E-01	- 1.0578 E+04	1.1050 E+04	5.6788 E+03
1.6038 E+02	1.1482 E+03	3.9378 E+01	- 6.5562 E+04	1.7884 E+05	3.0516 E+00	- 2.4183 E+03	1.5976 E+04	4.1014 E+00	- 3.0798 E+02	2.9199 E+02	5.0000 E+00	- 1.0578 E+04	7.3665 E+03	2.3034 E+04
1.6038 E+02	1.0936 E+03	1.3073 E+02	- 6.5562 E+04	1.7245 E+05	4.8731 E+00	- 2.4183 E+03	1.5566 E+04	3.9618 E+01	- 3.0798 E+02	2.1899 E+02	1.1351 E+01	- 1.0578 E+04	3.6832 E+03	2.0430 E+05
1.6038 E+02	1.0389 E+03	3.9304 E+02	- 6.5562 E+04	1.6606 E+05	1.2698 E+01	- 2.4183 E+03	1.5157 E+04	1.1744 E+02	- 3.0798 E+02	1.8249 E+02	5.0000 E+00	- 1.0578 E+04	0.0000 E+00	1.6112 E+06

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE

Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.6038 E+02	9.8421 E+02	1.6353 E+02	- 6.5562 E+04	1.5968 E+05	1.0781 E+02	- 2.4183 E+03	1.4747 E+04	5.0902 E+01	- 3.0798 E+02	1.4599 E+02	1.5000 E+01	- 1.4729 E+04	1.4365 E+05	2.5000 E+00
1.6038 E+02	9.2953 E+02	4.6649 E+02	- 6.5562 E+04	1.5329 E+05	1.1699 E+01	- 2.4183 E+03	1.4337 E+04	4.8453 E+01	- 3.0798 E+02	1.0949 E+02	4.4254 E+01	- 1.4729 E+04	8.4714 E+04	5.0415 E-02
1.6038 E+02	8.7485 E+02	7.3022 E+02	- 6.5562 E+04	1.4690 E+05	8.8390 E+02	- 2.4183 E+03	1.3928 E+04	1.1431 E+02	- 3.0798 E+02	7.2997 E+01	2.9529 E+01	- 1.4729 E+04	7.7348 E+04	1.0083 E-01
1.6038 E+02	8.2018 E+02	1.0913 E+03	- 6.5562 E+04	1.4052 E+05	6.5894 E+01	- 2.4183 E+03	1.3518 E+04	6.9845 E+01	- 3.0798 E+02	3.6498 E+01	4.7224 E+02	- 1.4729 E+04	7.3665 E+04	1.0050 E+01
1.6038 E+02	7.6550 E+02	3.0056 E+03	- 6.5562 E+04	1.3413 E+05	7.1952 E+02	- 2.4183 E+03	1.3109 E+04	3.3641 E+02	- 3.0798 E+02	0.0000 E+00	4.3334 E+03	- 1.4729 E+04	6.6298 E+04	1.4708 E+00
1.6038 E+02	7.1082 E+02	1.2539 E+04	- 6.5562 E+04	1.2774 E+05	6.8900 E+02	- 2.4183 E+03	1.2699 E+04	1.9223 E+03	- 3.4522 E+02	2.5549 E+02	1.0000 E+01	- 1.4729 E+04	6.2615 E+04	3.1263 E+02
1.6038 E+02	6.5614 E+02	1.2350 E+04	- 6.5562 E+04	1.2135 E+05	1.2057 E+02	- 2.4183 E+03	1.2289 E+04	3.4602 E+02	- 3.4522 E+02	1.8249 E+02	5.0000 E+00	- 1.4729 E+04	5.8932 E+04	1.6250 E+01
1.6038 E+02	6.0146 E+02	3.5148 E+04	- 6.5562 E+04	1.1497 E+05	3.0088 E+03	- 2.4183 E+03	1.1880 E+04	1.3394 E+03	- 3.4522 E+02	1.4599 E+02	5.0000 E+00	- 1.4729 E+04	5.5248 E+04	2.2998 E+02
1.6038 E+02	5.4678 E+02	5.5233 E+04	- 6.5562 E+04	1.0858 E+05	3.2972 E+02	- 2.4183 E+03	1.1470 E+04	1.4390 E+03	- 3.4522 E+02	1.0949 E+02	2.2458 E+02	- 1.4729 E+04	5.1565 E+04	3.9974 E+01
1.6038 E+02	4.9211 E+02	9.0605 E+04	- 6.5562 E+04	1.0219 E+05	1.0365 E+03	- 2.4183 E+03	1.1060 E+04	1.5305 E+03	- 3.4522 E+02	7.2997 E+01	2.0010 E+01	- 1.4729 E+04	4.7882 E+04	3.6282 E+01
1.6038 E+02	4.3743 E+02	2.3997 E+05	- 6.5562 E+04	9.5806 E+04	1.6695 E+03	- 2.4183 E+03	1.0651 E+04	7.8166 E+03	- 3.4522 E+02	3.6498 E+01	1.7738 E+02	- 1.4729 E+04	4.4199 E+04	2.3326 E+02
1.6038 E+02	3.8275 E+02	5.1113 E+05	- 6.5562 E+04	8.9419 E+04	2.7363 E+03	- 2.4183 E+03	1.0241 E+04	6.6021 E+03	- 3.4522 E+02	0.0000 E+00	1.9679 E+03	- 1.4729 E+04	4.0515 E+04	3.1827 E+02
1.6038 E+02	3.2807 E+02	1.1502 E+06	- 6.5562 E+04	8.3032 E+04	3.3591 E+03	- 2.4183 E+03	9.8314 E+03	7.9298 E+03	- 3.8246 E+02	1.8249 E+02	5.0000 E+00	- 1.4729 E+04	3.6832 E+04	9.1965 E+01
1.6038 E+02	2.7339 E+02	2.4358 E+06	- 6.5562 E+04	7.6645 E+04	4.8901 E+03	- 2.4183 E+03	9.4218 E+03	2.1000 E+04	- 3.8246 E+02	1.4599 E+02	5.0000 E+00	- 1.4729 E+04	3.3149 E+04	4.8321 E+02
1.6038 E+02	2.1871 E+02	5.1437 E+06	- 6.5562 E+04	7.0258 E+04	1.4001 E+04	- 2.4183 E+03	9.0121 E+03	5.1199 E+04	- 3.8246 E+02	1.0949 E+02	5.0000 E+00	- 1.4729 E+04	2.9466 E+04	9.1618 E+01
1.6038 E+02	1.6404 E+02	8.1231 E+06	- 6.5562 E+04	6.3871 E+04	2.4034 E+04	- 2.4183 E+03	8.6025 E+03	6.9172 E+04	- 3.8246 E+02	7.2997 E+01	3.1404 E+01	- 1.4729 E+04	2.5783 E+04	5.1802 E+02
1.6038 E+02	1.0936 E+02	1.1615 E+07	- 6.5562 E+04	5.7484 E+04	3.6987 E+04	- 2.4183 E+03	8.1928 E+03	1.1277 E+05	- 3.8246 E+02	3.6498 E+01	2.5637 E+02	- 1.4729 E+04	2.2099 E+04	2.2698 E+02
1.6038 E+02	5.4678 E+01	2.8766 E+07	- 6.5562 E+04	5.1097 E+04	6.5464 E+04	- 2.4183 E+03	7.7832 E+03	1.6347 E+05	- 3.8246 E+02	0.0000 E+00	8.4161 E+02	- 1.4729 E+04	1.8416 E+04	3.2935 E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.6038 E+02	0.0000 E+00	6.6071 E+07	- 6.5562 E+04	4.4710 E+04	6.7664 E+04	- 2.4183 E+03	7.3735 E+03	2.1550 E+05	- 4.1969 E+02	3.6498 E+02	5.0000 E+00	- 1.4729 E+04	1.4733 E+04	2.6747 E+02
9.6058 E+01	2.5152 E+03	6.5105 E+00	- 6.5562 E+04	3.8322 E+04	1.8931 E+05	- 2.4183 E+03	6.9639 E+03	3.0811 E+05	- 4.1969 E+02	1.0949 E+02	1.0000 E+01	- 1.4729 E+04	1.1050 E+04	7.1329 E+02
9.6058 E+01	2.3512 E+03	1.6856 E+00	- 6.5562 E+04	3.1935 E+04	4.6893 E+05	- 2.4183 E+03	6.5543 E+03	4.7873 E+05	- 4.1969 E+02	7.2997 E+01	5.5795 E+00	- 1.4729 E+04	7.3665 E+03	4.1569 E+03
9.6058 E+01	2.2965 E+03	5.1856 E+00	- 6.5562 E+04	2.5548 E+04	1.2431 E+06	- 2.4183 E+03	6.1446 E+03	5.1295 E+05	- 4.1969 E+02	3.6498 E+01	1.7585 E+01	- 1.4729 E+04	3.6832 E+03	5.1631 E+04
9.6058 E+01	2.2418 E+03	3.4356 E+00	- 6.5562 E+04	1.9161 E+04	2.7174 E+06	- 2.4183 E+03	5.7350 E+03	7.1626 E+05	- 4.1969 E+02	0.0000 E+00	5.2968 E+01	- 1.4729 E+04	0.0000 E+00	5.9089 E+05
9.6058 E+01	2.1325 E+03	1.6856 E+00	- 6.5562 E+04	1.2774 E+04	4.1362 E+06	- 2.4183 E+03	5.3253 E+03	8.4421 E+05	- 4.5693 E+02	1.4599 E+02	5.0000 E+00	- 1.8880 E+04	8.1031 E+04	5.0000 E+00
9.6058 E+01	2.0778 E+03	3.5000 E+00	- 6.5562 E+04	6.3871 E+03	5.1165 E+06	- 2.4183 E+03	4.9157 E+03	1.1788 E+06	- 4.5693 E+02	3.6498 E+01	1.2639 E+01	- 1.8880 E+04	7.3665 E+04	7.5000 E+00
9.6058 E+01	2.0231 E+03	5.0415 E-02	- 6.5562 E+04	0.0000 E+00	1.5045 E+07	- 2.4183 E+03	4.5061 E+03	1.3891 E+06	- 4.5693 E+02	0.0000 E+00	5.5403 E+01	- 1.8880 E+04	6.9981 E+04	5.0415 E-02
9.6058 E+01	1.9684 E+03	1.6856 E+00	- 7.3067 E+04	2.6826 E+05	1.6856 E+00	- 2.4183 E+03	4.0964 E+03	1.5788 E+06	- 4.9417 E+02	1.0949 E+02	5.0000 E+00	- 1.8880 E+04	6.2615 E+04	2.2228 E+01
9.6058 E+01	1.9137 E+03	3.5000 E+00	- 7.3067 E+04	2.6187 E+05	1.6856 E+00	- 2.4183 E+03	3.6868 E+03	2.0409 E+06	- 4.9417 E+02	7.2997 E+01	5.0000 E+00	- 1.8880 E+04	5.8932 E+04	3.0230 E-02
9.6058 E+01	1.8591 E+03	3.4356 E+00	- 7.3067 E+04	2.5548 E+05	3.3713 E+00	- 2.4183 E+03	3.2771 E+03	2.2318 E+06	- 4.9417 E+02	3.6498 E+01	6.3580 E+00	- 1.8880 E+04	5.5248 E+04	2.1340 E+02
9.6058 E+01	1.6950 E+03	5.0415 E-02	- 7.3067 E+04	2.4910 E+05	3.3713 E+00	- 2.4183 E+03	2.8675 E+03	2.6012 E+06	- 4.9417 E+02	0.0000 E+00	8.6614 E+00	- 1.8880 E+04	5.1565 E+04	1.5379 E+01
9.6058 E+01	1.5857 E+03	2.2263 E+01	- 7.3067 E+04	2.2355 E+05	3.3713 E+00	- 2.4183 E+03	2.4578 E+03	2.6489 E+06	- 5.3140 E+02	7.2997 E+01	5.0000 E+00	- 1.8880 E+04	4.7882 E+04	1.3871 E+01
9.6058 E+01	1.5310 E+03	2.4115 E+00	- 7.3067 E+04	2.1716 E+05	1.6856 E+00	- 2.4183 E+03	2.0482 E+03	2.4767 E+06	- 5.3140 E+02	0.0000 E+00	5.5635 E+00	- 1.8880 E+04	4.4199 E+04	3.0534 E+01
9.6058 E+01	1.4763 E+03	6.2500 E-01	- 7.3067 E+04	2.1077 E+05	6.5105 E+00	- 2.4183 E+03	1.6386 E+03	2.2231 E+06	- 5.6864 E+02	3.6498 E+01	5.0000 E+00	- 1.8880 E+04	4.0515 E+04	1.7895 E+01
9.6058 E+01	1.4216 E+03	2.4115 E+00	- 7.3067 E+04	2.0439 E+05	3.0083 E+01	- 2.4183 E+03	1.2289 E+03	2.3916 E+06	- 5.6864 E+02	0.0000 E+00	2.6392 E+00	- 1.8880 E+04	3.6832 E+04	2.1683 E+02
9.6058 E+01	1.3670 E+03	2.8069 E-01	- 7.3067 E+04	1.9800 E+05	1.8677 E+01	- 2.4183 E+03	8.1928 E+02	4.4657 E+06	- 6.0588 E+02	0.0000 E+00	3.0230 E-02	- 1.8880 E+04	3.3149 E+04	2.3485 E+02
9.6058 E+01	1.3123 E+03	6.7107 E+00	- 7.3067 E+04	1.9161 E+05	1.2460 E+01	- 2.4183 E+03	4.0964 E+02	1.0412 E+07	- 7.1759 E+02	0.0000 E+00	2.1215 E-01	- 1.8880 E+04	2.9466 E+04	2.6451 E+02

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
9.6058 E+01	1.2576 E+03	1.3569 E+02	- 7.3067 E+04	1.8523 E+05	6.2504 E+00	- 2.4183 E+03	0.0000 E+00	1.9932 E+07				- 1.8880 E+04	2.5783 E+04	4.3365 E+02
9.6058 E+01	1.2029 E+03	5.0136 E+01	- 7.3067 E+04	1.7884 E+05	9.8453 E+00	- 2.9107 E+03	1.9253 E+04	2.7898 E+00				- 1.8880 E+04	2.2099 E+04	3.1662 E+01
9.6058 E+01	1.1482 E+03	4.0881 E+01	- 7.3067 E+04	1.7245 E+05	3.4447 E+01	- 2.9107 E+03	1.8844 E+04	5.0415 E-02				- 1.8880 E+04	1.8416 E+04	2.7314 E+02
9.6058 E+01	1.0936 E+03	7.7588 E+01	- 7.3067 E+04	1.6606 E+05	3.1948 E+00	- 2.9107 E+03	1.8434 E+04	9.5958 E+00				- 1.8880 E+04	1.4733 E+04	9.4559 E+01
9.6058 E+01	1.0389 E+03	1.8847 E+02	- 7.3067 E+04	1.5968 E+05	5.4069 E+01	- 2.9107 E+03	1.7205 E+04	3.7281 E+01				- 1.8880 E+04	1.1050 E+04	6.9062 E+02
9.6058 E+01	9.8421 E+02	1.8726 E+02	- 7.3067 E+04	1.5329 E+05	1.2648 E+03	- 2.9107 E+03	1.6795 E+04	1.4096 E+02				- 1.8880 E+04	7.3665 E+03	1.3685 E+03
9.6058 E+01	9.2953 E+02	3.3932 E+02	- 7.3067 E+04	1.4690 E+05	6.4563 E+02	- 2.9107 E+03	1.6386 E+04	6.4522 E+01				- 1.8880 E+04	3.6832 E+03	1.2971 E+04
9.6058 E+01	8.7485 E+02	3.5707 E+02	- 7.3067 E+04	1.4052 E+05	6.5679 E+02	- 2.9107 E+03	1.5976 E+04	1.1067 E+02				- 1.8880 E+04	0.0000 E+00	1.8585 E+05
9.6058 E+01	8.2018 E+02	4.9626 E+02	- 7.3067 E+04	1.3413 E+05	7.7888 E+02	- 2.9107 E+03	1.5566 E+04	1.0493 E+02				- 2.3032 E+04	5.8932 E+04	5.0000 E+00
9.6058 E+01	7.6550 E+02	7.2448 E+02	- 7.3067 E+04	1.2774 E+05	1.0343 E+04	- 2.9107 E+03	1.5157 E+04	2.6652 E+01				- 2.3032 E+04	5.1565 E+04	1.5212 E+01
9.6058 E+01	7.1082 E+02	8.0248 E+03	- 7.3067 E+04	1.2135 E+05	5.6867 E+03	- 2.9107 E+03	1.4747 E+04	3.4214 E+02				- 2.3032 E+04	4.7882 E+04	2.1296 E+00
9.6058 E+01	6.5614 E+02	8.6298 E+03	- 7.3067 E+04	1.1497 E+05	2.7333 E+03	- 2.9107 E+03	1.4337 E+04	1.0434 E+02				- 2.3032 E+04	4.4199 E+04	6.5082 E+00
9.6058 E+01	6.0146 E+02	1.2166 E+04	- 7.3067 E+04	1.0858 E+05	1.6703 E+03	- 2.9107 E+03	1.3928 E+04	3.3624 E+01				- 2.3032 E+04	4.0515 E+04	5.0302 E+00
9.6058 E+01	5.4678 E+02	2.4583 E+04	- 7.3067 E+04	1.0219 E+05	1.0212 E+04	- 2.9107 E+03	1.3518 E+04	2.0431 E+01				- 2.3032 E+04	3.6832 E+04	1.3149 E+01
9.6058 E+01	4.9211 E+02	7.3229 E+04	- 7.3067 E+04	9.5806 E+04	2.6563 E+04	- 2.9107 E+03	1.3109 E+04	2.8944 E+01				- 2.3032 E+04	3.3149 E+04	1.0263 E+01
9.6058 E+01	4.3743 E+02	2.0654 E+05	- 7.3067 E+04	8.9419 E+04	1.0363 E+04	- 2.9107 E+03	1.2699 E+04	2.3853 E+01				- 2.3032 E+04	2.9466 E+04	1.0424 E+01
9.6058 E+01	3.8275 E+02	4.6976 E+05	- 7.3067 E+04	8.3032 E+04	2.0197 E+04	- 2.9107 E+03	1.2289 E+04	8.9082 E+02				- 2.3032 E+04	2.5783 E+04	2.1339 E+02
9.6058 E+01	3.2807 E+02	9.1769 E+05	- 7.3067 E+04	7.6645 E+04	1.2738 E+04	- 2.9107 E+03	1.1880 E+04	5.4110 E+02				- 2.3032 E+04	2.2099 E+04	2.7698 E+01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
9.6058 E+01	2.7339 E+02	1.3989 E+06	- 7.3067 E+04	7.0258 E+04	1.7531 E+04	- 2.9107 E+03	1.1470 E+04	1.0722 E+03				- 2.3032 E+04	1.8416 E+04	2.2479 E+01
9.6058 E+01	2.1871 E+02	2.2389 E+06	- 7.3067 E+04	6.3871 E+04	2.6417 E+04	- 2.9107 E+03	1.1060 E+04	4.8060 E+02				- 2.3032 E+04	1.4733 E+04	5.1276 E+01
9.6058 E+01	1.6404 E+02	3.1739 E+06	- 7.3067 E+04	5.7484 E+04	5.3344 E+04	- 2.9107 E+03	1.0651 E+04	2.1341 E+03				- 2.3032 E+04	1.1050 E+04	6.2591 E+01
9.6058 E+01	1.0936 E+02	4.8913 E+06	- 7.3067 E+04	5.1097 E+04	7.4529 E+04	- 2.9107 E+03	1.0241 E+04	3.2920 E+03				- 2.3032 E+04	7.3665 E+03	1.4568 E+03
9.6058 E+01	5.4678 E+01	1.2667 E+07	- 7.3067 E+04	4.4710 E+04	1.6340 E+05	- 2.9107 E+03	9.8314 E+03	2.0982 E+03				- 2.3032 E+04	3.6832 E+03	9.3760 E+03
9.6058 E+01	0.0000 E+00	3.3669 E+07	- 7.3067 E+04	3.8322 E+04	3.3444 E+05	- 2.9107 E+03	9.4218 E+03	1.2843 E+04				- 2.3032 E+04	0.0000 E+00	4.4611 E+04
3.1734 E+01	2.2965 E+03	6.5105 E+00	- 7.3067 E+04	3.1935 E+04	7.7940 E+05	- 2.9107 E+03	9.0121 E+03	1.0904 E+04				- 2.7183 E+04	5.5248 E+04	5.0000 E+00
3.1734 E+01	2.1871 E+03	1.6856 E+00	- 7.3067 E+04	2.5548 E+04	1.7187 E+06	- 2.9107 E+03	8.6025 E+03	2.5091 E+04				- 2.7183 E+04	4.0515 E+04	5.0000 E+00
3.1734 E+01	2.0778 E+03	5.0415 E-02	- 7.3067 E+04	1.9161 E+04	3.0878 E+06	- 2.9107 E+03	8.1928 E+03	2.3288 E+04				- 2.7183 E+04	3.3149 E+04	8.1003 E-01
3.1734 E+01	1.9137 E+03	5.0415 E-02	- 7.3067 E+04	1.2774 E+04	3.6127 E+06	- 2.9107 E+03	7.7832 E+03	4.3685 E+04				- 2.7183 E+04	2.9466 E+04	5.0453 E+00
3.1734 E+01	1.8591 E+03	6.7541 E-01	- 7.3067 E+04	6.3871 E+03	3.7048 E+06	- 2.9107 E+03	7.3735 E+03	7.5508 E+04				- 2.7183 E+04	2.5783 E+04	7.8351 E+00
3.1734 E+01	1.8044 E+03	6.2500 E-01	- 7.3067 E+04	0.0000 E+00	1.0663 E+07	- 2.9107 E+03	6.9639 E+03	1.7194 E+05				- 2.7183 E+04	2.2099 E+04	2.4405 E+00
3.1734 E+01	1.7497 E+03	5.0415 E-02	- 8.0572 E+04	2.9381 E+05	1.6856 E+00	- 2.9107 E+03	6.5543 E+03	2.2010 E+05				- 2.7183 E+04	1.8416 E+04	1.1803 E+01
3.1734 E+01	1.6404 E+03	1.3004 E+00	- 8.0572 E+04	2.4271 E+05	1.6856 E+00	- 2.9107 E+03	6.1446 E+03	3.3888 E+05				- 2.7183 E+04	1.4733 E+04	1.6817 E+01
3.1734 E+01	1.5857 E+03	1.0083 E-01	- 8.0572 E+04	2.1077 E+05	5.0415 E-02	- 2.9107 E+03	5.7350 E+03	4.3985 E+05				- 2.7183 E+04	1.1050 E+04	9.5856 E+00
3.1734 E+01	1.5310 E+03	2.3282 E+00	- 8.0572 E+04	2.0439 E+05	2.3176 E+01	- 2.9107 E+03	5.3253 E+03	5.1867 E+05				- 2.7183 E+04	7.3665 E+03	2.7165 E+02
3.1734 E+01	1.4216 E+03	2.0166 E-01	- 8.0572 E+04	1.9800 E+05	1.8677 E+01	- 2.9107 E+03	4.9157 E+03	8.7223 E+05				- 2.7183 E+04	3.6832 E+03	3.7212 E+03
3.1734 E+01	1.3670 E+03	3.7647 E+00	- 8.0572 E+04	1.8523 E+05	3.0264 E+01	- 2.9107 E+03	4.5061 E+03	1.1498 E+06				- 2.7183 E+04	0.0000 E+00	2.1296 E+04

Original Instruction: T05 0138-8633 VER 00
 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.1734 E+01	1.3123 E+03	2.1071 E+01	- 8.0572 E+04	1.7884 E+05	2.8149 E+01	- 2.9107 E+03	4.0964 E+03	1.3624 E+06				- 3.1334 E+04	2.5783 E+04	2.6042 E+00
3.1734 E+01	1.2576 E+03	4.4531 E+00	- 8.0572 E+04	1.7245 E+05	6.9937 E+01	- 2.9107 E+03	3.6868 E+03	1.7490 E+06				- 3.1334 E+04	2.2099 E+04	5.3130 E+00
3.1734 E+01	1.2029 E+03	1.8209 E+01	- 8.0572 E+04	1.6606 E+05	3.8066 E+01	- 2.9107 E+03	3.2771 E+03	1.8066 E+06				- 3.1334 E+04	1.8416 E+04	2.1215 E-01
3.1734 E+01	1.1482 E+03	1.0798 E+02	- 8.0572 E+04	1.4690 E+05	5.5795 E+00	- 2.9107 E+03	2.8675 E+03	2.1059 E+06				- 3.1334 E+04	1.4733 E+04	9.1547 E+00
3.1734 E+01	1.0936 E+03	4.6647 E+01	- 8.0572 E+04	1.4052 E+05	4.0324 E+01	- 2.9107 E+03	2.4578 E+03	2.2353 E+06				- 3.1334 E+04	1.1050 E+04	8.1852 E+00
3.1734 E+01	1.0389 E+03	2.4371 E+01	- 8.0572 E+04	1.3413 E+05	7.5585 E+02	- 2.9107 E+03	2.0482 E+03	2.2088 E+06				- 3.1334 E+04	7.3665 E+03	2.5696 E+01
3.1734 E+01	9.8421 E+02	3.0848 E+01	- 8.0572 E+04	1.2774 E+05	7.2036 E+02	- 2.9107 E+03	1.6386 E+03	2.1058 E+06				- 3.1334 E+04	3.6832 E+03	1.3721 E+03
3.1734 E+01	9.2953 E+02	2.4500 E+02	- 8.0572 E+04	1.2135 E+05	3.4791 E+03	- 2.9107 E+03	1.2289 E+03	2.0679 E+06				- 3.1334 E+04	0.0000 E+00	6.9791 E+03
3.1734 E+01	8.7485 E+02	1.8163 E+02	- 8.0572 E+04	1.1497 E+05	1.1191 E+04	- 2.9107 E+03	8.1928 E+02	3.6829 E+06				- 3.5485 E+04	4.0515 E+04	3.0230 E-02
3.1734 E+01	8.2018 E+02	1.9757 E+02	- 8.0572 E+04	1.0858 E+05	2.4664 E+03	- 2.9107 E+03	4.0964 E+02	8.8172 E+06				- 3.5485 E+04	2.5783 E+04	5.0000 E+00
3.1734 E+01	7.6550 E+02	1.7605 E+03	- 8.0572 E+04	1.0219 E+05	7.2793 E+03	- 2.9107 E+03	0.0000 E+00	1.5855 E+07				- 3.5485 E+04	1.4733 E+04	7.1296 E+00
3.1734 E+01	7.1082 E+02	2.9324 E+02	- 8.0572 E+04	9.5806 E+04	1.8393 E+04	- 3.4030 E+03	1.9253 E+04	2.7898 E+00				- 3.5485 E+04	1.1050 E+04	5.0504 E+00
3.1734 E+01	6.5614 E+02	9.1806 E+03	- 8.0572 E+04	8.9419 E+04	1.7814 E+04	- 3.4030 E+03	1.8434 E+04	1.0651 E+01				- 3.5485 E+04	7.3665 E+03	2.3340 E+01
3.1734 E+01	6.0146 E+02	2.4117 E+04	- 8.0572 E+04	8.3032 E+04	3.6438 E+04	- 3.4030 E+03	1.8024 E+04	1.0702 E+01				- 3.5485 E+04	3.6832 E+03	2.3090 E+03
3.1734 E+01	5.4678 E+02	3.7734 E+04	- 8.0572 E+04	7.6645 E+04	1.4063 E+04	- 3.4030 E+03	1.6795 E+04	3.7281 E+01				- 3.5485 E+04	0.0000 E+00	1.1741 E+04
3.1734 E+01	4.9211 E+02	7.7631 E+04	- 8.0572 E+04	7.0258 E+04	5.6113 E+04	- 3.4030 E+03	1.6386 E+04	5.1109 E-01				- 3.9636 E+04	5.1565 E+04	1.3196 E+00
3.1734 E+01	4.3743 E+02	1.5633 E+05	- 8.0572 E+04	6.3871 E+04	4.5922 E+04	- 3.4030 E+03	1.5976 E+04	8.1003 E-01				- 3.9636 E+04	1.4733 E+04	5.1008 E+00
3.1734 E+01	3.8275 E+02	3.1118 E+05	- 8.0572 E+04	5.7484 E+04	1.0672 E+05	- 3.4030 E+03	1.5566 E+04	2.5000 E+00				- 3.9636 E+04	1.1050 E+04	7.6200 E+00

Original Instruction: T05 0138-8633 VER 00
 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.1734 E+01	3.2807 E+02	5.6132 E+05	- 8.0572 E+04	5.1097 E+04	1.6076 E+05	- 3.4030 E+03	1.5157 E+04	3.1598 E+00				- 3.9636 E+04	7.3665 E+03	2.8407 E+01
3.1734 E+01	2.7339 E+02	8.8005 E+05	- 8.0572 E+04	4.4710 E+04	2.7686 E+05	- 3.4030 E+03	1.4747 E+04	1.1987 E+02				- 3.9636 E+04	3.6832 E+03	9.2521 E+02
3.1734 E+01	2.1871 E+02	1.2647 E+06	- 8.0572 E+04	3.8322 E+04	3.6423 E+05	- 3.4030 E+03	1.3928 E+04	1.1537 E+01				- 3.9636 E+04	0.0000 E+00	2.4215 E+03
3.1734 E+01	1.6404 E+02	1.9190 E+06	- 8.0572 E+04	3.1935 E+04	8.6766 E+05	- 3.4030 E+03	1.3518 E+04	1.0568 E+02				- 4.3787 E+04	2.2099 E+04	2.4301 E-03
3.1734 E+01	1.0936 E+02	3.6916 E+06	- 8.0572 E+04	2.5548 E+04	1.9600 E+06	- 3.4030 E+03	1.3109 E+04	3.0250 E+00				- 4.3787 E+04	1.1050 E+04	1.0083 E-01
3.1734 E+01	5.4678 E+01	9.8806 E+06	- 8.0572 E+04	1.9161 E+04	3.1327 E+06	- 3.4030 E+03	1.2699 E+04	1.1470 E+01				- 4.3787 E+04	7.3665 E+03	2.0166 E-01
3.1734 E+01	0.0000 E+00	3.2572 E+07	- 8.0572 E+04	1.2774 E+04	3.8737 E+06	- 3.4030 E+03	1.2289 E+04	1.4774 E+01				- 4.3787 E+04	3.6832 E+03	2.2432 E+02
- 3.2589 E+01	2.0231 E+03	5.0415 E-02	- 8.0572 E+04	6.3871 E+03	3.7878 E+06	- 3.4030 E+03	1.1880 E+04	3.4485 E+01				- 4.3787 E+04	0.0000 E+00	3.5594 E+03
- 3.2589 E+01	1.6404 E+03	5.0415 E-02	- 8.0572 E+04	0.0000 E+00	9.0993 E+06	- 3.4030 E+03	1.1470 E+04	8.2270 E+01				- 4.7938 E+04	7.3665 E+03	1.0083 E-01
- 3.2589 E+01	1.5857 E+03	6.7541 E-01	- 8.8077 E+04	2.4910 E+05	1.6856 E+00	- 3.4030 E+03	1.1060 E+04	7.7749 E+02				- 4.7938 E+04	3.6832 E+03	6.0811 E+01
- 3.2589 E+01	1.5310 E+03	6.2500 E-01	- 8.8077 E+04	2.4271 E+05	1.6856 E+00	- 3.4030 E+03	1.0651 E+04	6.2061 E+02				- 4.7938 E+04	0.0000 E+00	2.1774 E+03
- 3.2589 E+01	1.4763 E+03	5.0415 E-02	- 8.8077 E+04	2.2993 E+05	1.6856 E+00	- 3.4030 E+03	1.0241 E+04	1.8949 E+02				- 5.2089 E+04	1.4733 E+04	5.0000 E+00
- 3.2589 E+01	1.4216 E+03	6.2500 E-01	- 8.8077 E+04	1.9800 E+05	1.1588 E+01	- 3.4030 E+03	9.8314 E+03	1.5842 E+03				- 5.2089 E+04	7.3665 E+03	5.0000 E+00
- 3.2589 E+01	1.3670 E+03	1.6856 E+00	- 8.8077 E+04	1.4052 E+05	5.5065 E+02	- 3.4030 E+03	9.4218 E+03	5.5744 E+02				- 5.2089 E+04	3.6832 E+03	5.2675 E+00
- 3.2589 E+01	1.3123 E+03	4.6213 E+00	- 8.8077 E+04	1.3413 E+05	6.4515 E+02	- 3.4030 E+03	9.0121 E+03	4.0983 E+03				- 5.2089 E+04	0.0000 E+00	3.1459 E+01
- 3.2589 E+01	1.2576 E+03	7.4254 E+00	- 8.8077 E+04	1.2774 E+05	1.5488 E+02	- 3.4030 E+03	8.6025 E+03	6.3395 E+03				- 5.6240 E+04	3.6832 E+03	1.0101 E+01
- 3.2589 E+01	1.2029 E+03	8.7762 E+00	- 8.8077 E+04	1.2135 E+05	1.0051 E+03	- 3.4030 E+03	8.1928 E+03	1.6710 E+04				- 5.6240 E+04	0.0000 E+00	3.5877 E+01
- 3.2589 E+01	1.1482 E+03	6.3713 E+00	- 8.8077 E+04	1.1497 E+05	1.2788 E+03	- 3.4030 E+03	7.7832 E+03	2.2784 E+04				- 6.0391 E+04	3.6832 E+03	1.0000 E+01

Original Instruction: T05 0138-8633 VER 00
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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 3.2589 E+01	1.0936 E+03	1.4829 E+01	- 8.8077 E+04	1.0858 E+05	6.1537 E+03	- 3.4030 E+03	7.3735 E+03	2.9993 E+04				- 6.0391 E+04	0.0000 E+00	1.2132 E+01
- 3.2589 E+01	1.0389 E+03	1.5027 E+01	- 8.8077 E+04	1.0219 E+05	2.7752 E+03	- 3.4030 E+03	6.9639 E+03	5.5537 E+04				- 6.8693 E+04	0.0000 E+00	1.5000 E+01
- 3.2589 E+01	9.8421 E+02	6.6893 E+01	- 8.8077 E+04	9.5806 E+04	1.6590 E+04	- 3.4030 E+03	6.5543 E+03	7.1554 E+04				- 7.2844 E+04	0.0000 E+00	5.0000 E+00
- 3.2589 E+01	9.2953 E+02	3.3132 E+01	- 8.8077 E+04	8.9419 E+04	1.8058 E+04	- 3.4030 E+03	6.1446 E+03	1.5568 E+05				- 8.5297 E+04	0.0000 E+00	1.5000 E+01
- 3.2589 E+01	8.7485 E+02	3.2382 E+01	- 8.8077 E+04	8.3032 E+04	2.1234 E+04	- 3.4030 E+03	5.7350 E+03	1.9974 E+05						
- 3.2589 E+01	8.2018 E+02	7.1942 E+01	- 8.8077 E+04	7.6645 E+04	2.3611 E+04	- 3.4030 E+03	5.3253 E+03	2.5495 E+05						
- 3.2589 E+01	7.6550 E+02	1.0933 E+02	- 8.8077 E+04	7.0258 E+04	4.0670 E+04	- 3.4030 E+03	4.9157 E+03	4.5085 E+05						
- 3.2589 E+01	7.1082 E+02	1.1942 E+03	- 8.8077 E+04	6.3871 E+04	1.2085 E+05	- 3.4030 E+03	4.5061 E+03	5.5903 E+05						
- 3.2589 E+01	6.5614 E+02	8.6117 E+03	- 8.8077 E+04	5.7484 E+04	1.3418 E+05	- 3.4030 E+03	4.0964 E+03	8.8272 E+05						
- 3.2589 E+01	6.0146 E+02	2.4686 E+03	- 8.8077 E+04	5.1097 E+04	2.7755 E+05	- 3.4030 E+03	3.6868 E+03	1.1435 E+06						
- 3.2589 E+01	5.4678 E+02	1.3708 E+04	- 8.8077 E+04	4.4710 E+04	3.3469 E+05	- 3.4030 E+03	3.2771 E+03	1.3181 E+06						
- 3.2589 E+01	4.9211 E+02	1.8398 E+04	- 8.8077 E+04	3.8322 E+04	9.4495 E+05	- 3.4030 E+03	2.8675 E+03	1.6517 E+06						
- 3.2589 E+01	4.3743 E+02	3.4212 E+04	- 8.8077 E+04	3.1935 E+04	1.4268 E+06	- 3.4030 E+03	2.4578 E+03	1.6487 E+06						
- 3.2589 E+01	3.8275 E+02	7.7384 E+04	- 8.8077 E+04	2.5548 E+04	2.5778 E+06	- 3.4030 E+03	2.0482 E+03	1.5668 E+06						
- 3.2589 E+01	3.2807 E+02	9.8508 E+04	- 8.8077 E+04	1.9161 E+04	3.8721 E+06	- 3.4030 E+03	1.6386 E+03	1.2613 E+06						
- 3.2589 E+01	2.7339 E+02	1.4703 E+05	- 8.8077 E+04	1.2774 E+04	4.2539 E+06	- 3.4030 E+03	1.2289 E+03	1.3113 E+06						
- 3.2589 E+01	2.1871 E+02	2.8249 E+05	- 8.8077 E+04	6.3871 E+03	4.0216 E+06	- 3.4030 E+03	8.1928 E+02	2.4642 E+06						
- 3.2589 E+01	1.6404 E+02	7.7258 E+05	- 8.8077 E+04	0.0000 E+00	9.6770 E+06	- 3.4030 E+03	4.0964 E+02	6.3261 E+06						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.0936	2.3299	-	2.4271	1.6856	-	0.0000	1.1926						
3.2589	E+02	E+06	9.5583	E+05	E+00	3.4030	E+00	E+07						
E+01			E+04			E+03								
-	5.4678	6.6758	-	1.5968	5.5065	-	1.5566	1.0607						
3.2589	E+01	E+06	9.5583	E+05	E+02	3.8954	E+04	E-01						
E+01			E+04			E+03								
-	0.0000	2.2863	-	1.3413	9.3519	-	1.5157	5.9845						
3.2589	E+00	E+07	9.5583	E+05	E+00	3.8954	E+04	E+00						
E+01			E+04			E+03								
-	2.6246	1.6856	-	1.2774	8.9360	-	1.4337	1.2547						
9.6912	E+03	E+00	9.5583	E+05	E+00	3.8954	E+04	E+02						
E+01			E+04			E+03								
-	1.8591	1.6856	-	1.2135	2.2456	-	1.3928	7.7741						
9.6912	E+03	E+00	9.5583	E+05	E+03	3.8954	E+04	E+01						
E+01			E+04			E+03								
-	1.6404	1.6856	-	1.1497	1.4930	-	1.3518	4.0501						
9.6912	E+03	E+00	9.5583	E+05	E+03	3.8954	E+04	E-01						
E+01			E+04			E+03								
-	1.5310	5.0415	-	1.0858	2.1610	-	1.3109	3.9778						
9.6912	E+03	E-02	9.5583	E+05	E+03	3.8954	E+04	E+00						
E+01			E+04			E+03								
-	1.4216	3.4356	-	1.0219	4.9211	-	1.2699	6.6233						
9.6912	E+03	E+00	9.5583	E+05	E+03	3.8954	E+04	E-01						
E+01			E+04			E+03								
-	1.3670	1.8004	-	9.5806	5.6960	-	1.2289	1.8060						
9.6912	E+03	E+00	9.5583	E+04	E+03	3.8954	E+04	E+02						
E+01			E+04			E+03								
-	1.3123	3.4861	-	8.9419	6.2688	-	1.1880	2.5000						
9.6912	E+03	E+00	9.5583	E+04	E+03	3.8954	E+04	E+00						
E+01			E+04			E+03								
-	1.2576	3.4356	-	8.3032	3.0096	-	1.1470	1.5592						
9.6912	E+03	E+00	9.5583	E+04	E+04	3.8954	E+04	E+01						
E+01			E+04			E+03								
-	1.2029	5.1856	-	7.6645	3.8365	-	1.1060	1.0763						
9.6912	E+03	E+00	9.5583	E+04	E+04	3.8954	E+04	E+02						
E+01			E+04			E+03								
-	1.1482	3.8521	-	7.0258	6.2432	-	1.0651	1.3069						
9.6912	E+03	E+01	9.5583	E+04	E+04	3.8954	E+04	E+02						
E+01			E+04			E+03								
-	1.0936	7.6250	-	6.3871	1.1209	-	1.0241	2.7630						
9.6912	E+03	E+00	9.5583	E+04	E+05	3.8954	E+04	E+02						
E+01			E+04			E+03								
-	1.0389	1.1097	-	5.7484	1.4777	-	9.8314	3.8623						
9.6912	E+03	E+01	9.5583	E+04	E+05	3.8954	E+03	E+00						
E+01			E+04			E+03								
-	9.8421	4.5694	-	5.1097	3.6143	-	9.4218	1.4533						
9.6912	E+02	E+01	9.5583	E+04	E+05	3.8954	E+03	E+03						
E+01			E+04			E+03								
-	9.2953	4.1060	-	4.4710	6.8397	-	9.0121	1.3432						
9.6912	E+02	E+01	9.5583	E+04	E+05	3.8954	E+03	E+03						
E+01			E+04			E+03								
-	8.7485	5.9717	-	3.8322	1.1108	-	8.6025	2.0510						
9.6912	E+02	E+01	9.5583	E+04	E+06	3.8954	E+03	E+03						
E+01			E+04			E+03								

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	8.2018	3.9398	-	3.1935	2.1344	-	8.1928	9.4488						
9.6912	E+02	E+01	9.5583	E+04	E+06	3.8954	E+03	E+03						
-	7.6550	9.8290	-	2.5548	3.5798	-	7.7832	3.1205						
9.6912	E+02	E+01	9.5583	E+04	E+06	3.8954	E+03	E+03						
-	7.1082	1.8487	-	1.9161	4.3833	-	7.3735	1.2355						
9.6912	E+02	E+02	9.5583	E+04	E+06	3.8954	E+03	E+04						
-	6.5614	1.0313	-	1.2774	4.6023	-	6.9639	2.4830						
9.6912	E+02	E+02	9.5583	E+04	E+06	3.8954	E+03	E+04						
-	6.0146	2.5950	-	6.3871	4.2804	-	6.5543	2.2505						
9.6912	E+02	E+02	9.5583	E+04	E+06	3.8954	E+03	E+04						
-	5.4678	2.8960	-	0.0000	1.1459	-	6.1446	2.4419						
9.6912	E+02	E+02	9.5583	E+04	E+07	3.8954	E+03	E+04						
-	4.9211	5.7820	-	1.4052	3.8504	-	5.7350	5.3124						
9.6912	E+02	E+02	1.0309	E+05	E+03	3.8954	E+03	E+04						
-	4.3743	4.7240	-	1.3413	5.5070	-	5.3253	8.5582						
9.6912	E+02	E+02	1.0309	E+05	E+02	3.8954	E+03	E+04						
-	3.8275	6.0631	-	1.2774	8.8658	-	4.9157	1.1028						
9.6912	E+02	E+02	1.0309	E+05	E+02	3.8954	E+03	E+05						
-	3.2807	7.6155	-	1.2135	6.1764	-	4.5061	1.1908						
9.6912	E+02	E+03	1.0309	E+05	E+02	3.8954	E+03	E+05						
-	2.7339	5.8273	-	1.1497	2.8022	-	4.0964	2.8061						
9.6912	E+02	E+03	1.0309	E+05	E+03	3.8954	E+03	E+05						
-	2.1871	2.1003	-	1.0858	1.0519	-	3.6868	3.5298						
9.6912	E+02	E+04	1.0309	E+05	E+04	3.8954	E+03	E+05						
-	1.6404	4.8406	-	1.0219	1.8486	-	3.2771	5.6198						
9.6912	E+02	E+04	1.0309	E+05	E+03	3.8954	E+03	E+05						
-	1.0936	8.1051	-	9.5806	4.2646	-	2.8675	7.1674						
9.6912	E+02	E+04	1.0309	E+05	E+03	3.8954	E+03	E+05						
-	5.4678	4.3864	-	8.9419	1.1521	-	2.4578	7.5381						
9.6912	E+01	E+05	1.0309	E+05	E+04	3.8954	E+03	E+05						
-	0.0000	2.0072	-	8.3032	1.3105	-	2.0482	7.5509						
9.6912	E+00	E+06	1.0309	E+05	E+04	3.8954	E+03	E+05						
-	1.8591	5.0415	-	7.6645	3.0229	-	1.6386	7.0152						
1.6124	E+03	E-02	1.0309	E+05	E+04	3.8954	E+03	E+05						
-	1.6404	1.6856	-	7.0258	5.0179	-	1.2289	8.8087						
1.6124	E+03	E+00	1.0309	E+05	E+04	3.8954	E+03	E+05						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.4763	5.0415	-	6.3871	8.8201	-	8.1928	1.7641						
1.6124	E+03	E-02	1.0309	E+04	E+04	3.8954	E+02	E+06						
-	1.4216	1.6856	-	5.7484	1.8147	-	4.0964	4.0319						
1.6124	E+03	E+00	1.0309	E+04	E+05	3.8954	E+02	E+06						
-	1.3670	3.3713	-	5.1097	3.2811	-	0.0000	8.1082						
1.6124	E+03	E+00	1.0309	E+04	E+05	3.8954	E+00	E+06						
-	1.3123	6.8069	-	4.4710	6.6083	-	1.5566	1.7500						
1.6124	E+03	E+00	1.0309	E+04	E+05	4.3877	E+04	E+00						
-	1.2576	1.1061	-	3.8322	1.1530	-	1.4337	6.5980						
1.6124	E+03	E+01	1.0309	E+04	E+06	4.3877	E+04	E-01						
-	1.2029	1.3743	-	3.1935	2.0774	-	1.3928	1.0607						
1.6124	E+03	E+01	1.0309	E+04	E+06	4.3877	E+04	E-01						
-	1.1482	5.1213	-	2.5548	3.0887	-	1.3518	7.3107						
1.6124	E+03	E+00	1.0309	E+04	E+06	4.3877	E+04	E-01						
-	1.0936	1.2186	-	1.9161	4.2842	-	1.3109	5.0415						
1.6124	E+03	E+01	1.0309	E+04	E+06	4.3877	E+04	E-02						
-	1.0389	5.1578	-	1.2774	4.4450	-	1.2289	1.4831						
1.6124	E+03	E+00	1.0309	E+04	E+06	4.3877	E+04	E+00						
-	9.8421	2.5928	-	6.3871	5.2917	-	1.1880	6.2500						
1.6124	E+02	E+01	1.0309	E+03	E+06	4.3877	E+04	E-01						
-	9.2953	2.6402	-	0.0000	1.5029	-	1.1470	3.9814						
1.6124	E+02	E+01	1.0309	E+00	E+07	4.3877	E+04	E+00						
-	8.7485	3.3342	-	1.6606	2.5133	-	1.1060	6.2621						
1.6124	E+02	E+01	1.1059	E+05	E+01	4.3877	E+04	E-01						
-	8.2018	2.9093	-	1.5968	2.5133	-	1.0651	1.7361						
1.6124	E+02	E+01	1.1059	E+05	E+01	4.3877	E+04	E+00						
-	7.6550	5.9410	-	1.4690	5.5065	-	1.0241	2.5211						
1.6124	E+02	E+01	1.1059	E+05	E+02	4.3877	E+04	E+02						
-	7.1082	1.0753	-	1.4052	5.5065	-	9.8314	1.7872						
1.6124	E+02	E+02	1.1059	E+05	E+02	4.3877	E+03	E+01						
-	6.5614	5.7849	-	1.3413	4.3943	-	9.4218	2.9279						
1.6124	E+02	E+01	1.1059	E+05	E+02	4.3877	E+03	E+02						
-	6.0146	1.3389	-	1.2774	1.1373	-	9.0121	1.2314						
1.6124	E+02	E+02	1.1059	E+05	E+04	4.3877	E+03	E+03						
-	5.4678	1.3118	-	1.2135	7.4713	-	8.6025	7.0122						
1.6124	E+02	E+02	1.1059	E+05	E+03	4.3877	E+03	E+02						

Original Instruction: T05 0138-8633 VER 00
2023-08-29 by W&S RIE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	4.9211	1.5233	-	1.1497	1.2463	-	8.1928	1.6903						
1.6124	E+02	E+02	1.1059	E+05	E+04	4.3877	E+03	E+03						
-	4.3743	1.1206	-	1.0858	4.3325	-	7.7832	1.4028						
1.6124	E+02	E+02	1.1059	E+05	E+02	4.3877	E+03	E+03						
-	3.8275	2.3362	-	1.0219	5.0428	-	7.3735	1.1109						
1.6124	E+02	E+02	1.1059	E+05	E+03	4.3877	E+03	E+03						
-	3.2807	2.4434	-	9.5806	1.4736	-	6.9639	2.1110						
1.6124	E+02	E+02	1.1059	E+05	E+04	4.3877	E+03	E+03						
-	2.7339	3.2870	-	8.9419	6.7661	-	6.5543	6.9630						
1.6124	E+02	E+02	1.1059	E+05	E+03	4.3877	E+03	E+03						
-	2.1871	4.7925	-	8.3032	1.9590	-	6.1446	1.8057						
1.6124	E+02	E+02	1.1059	E+05	E+04	4.3877	E+03	E+04						
-	1.6404	1.7548	-	7.6645	2.7502	-	5.7350	1.2104						
1.6124	E+02	E+04	1.1059	E+05	E+04	4.3877	E+03	E+04						
-	1.0936	1.8184	-	7.0258	4.2154	-	5.3253	1.0925						
1.6124	E+02	E+04	1.1059	E+05	E+04	4.3877	E+03	E+04						
-	5.4678	6.9678	-	6.3871	6.5757	-	4.9157	3.3460						
1.6124	E+02	E+04	1.1059	E+05	E+04	4.3877	E+03	E+04						
-	0.0000	3.7375	-	5.7484	1.4636	-	4.5061	2.7419						
1.6124	E+02	E+05	1.1059	E+05	E+04	4.3877	E+03	E+04						
-	1.7497	5.0415	-	5.1097	2.6567	-	4.0964	2.1352						
2.2556	E+02	E-02	1.1059	E+05	E+04	4.3877	E+03	E+04						
-	1.6404	1.7500	-	4.4710	5.9355	-	3.6868	7.0479						
2.2556	E+02	E+00	1.1059	E+05	E+04	4.3877	E+03	E+04						
-	1.5857	1.7500	-	3.8322	1.0068	-	3.2771	1.0838						
2.2556	E+02	E+00	1.1059	E+05	E+04	4.3877	E+03	E+05						
-	1.4763	3.5000	-	3.1935	1.7454	-	2.8675	1.4548						
2.2556	E+02	E+00	1.1059	E+05	E+04	4.3877	E+03	E+05						
-	1.3670	6.8069	-	2.5548	2.6790	-	2.4578	1.8431						
2.2556	E+02	E+00	1.1059	E+05	E+04	4.3877	E+03	E+05						
-	1.3123	5.8106	-	1.9161	4.1080	-	2.0482	2.4720						
2.2556	E+02	E+00	1.1059	E+05	E+04	4.3877	E+03	E+05						
-	1.2576	5.2500	-	1.2774	4.6879	-	1.6386	2.4602						
2.2556	E+02	E+00	1.1059	E+05	E+04	4.3877	E+03	E+05						
-	1.2029	5.1213	-	6.3871	5.8921	-	1.2289	2.6388						
2.2556	E+02	E+00	1.1059	E+05	E+04	4.3877	E+03	E+05						

Original Instruction: T05 0138-8633 VER 00
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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 2.2556 E+02	1.1482 E+03	5.2865 E+00	- 1.1059 E+05	0.0000 E+00	1.9314 E+07	- 4.3877 E+03	8.1928 E+02	7.8494 E+05						
- 2.2556 E+02	1.0936 E+03	6.9356 E+00	- 1.1810 E+05	1.5329 E+05	7.0000 E+02	- 4.3877 E+03	4.0964 E+02	2.2334 E+06						
- 2.2556 E+02	1.0389 E+03	1.3743 E+01	- 1.1810 E+05	1.3413 E+05	1.2924 E+03	- 4.3877 E+03	0.0000 E+00	5.0531 E+06						
- 2.2556 E+02	9.8421 E+02	3.5000 E+00	- 1.1810 E+05	1.2774 E+05	3.0427 E+03	- 4.8800 E+03	1.5566 E+04	5.0415 E-02						
- 2.2556 E+02	9.2953 E+02	2.2557 E+01	- 1.1810 E+05	1.2135 E+05	2.7971 E+03	- 4.8800 E+03	1.4337 E+04	6.5980 E-01						
- 2.2556 E+02	8.7485 E+02	2.0715 E+01	- 1.1810 E+05	1.1497 E+05	5.7963 E+03	- 4.8800 E+03	1.3928 E+04	2.1550 E+00						
- 2.2556 E+02	8.2018 E+02	1.1993 E+01	- 1.1810 E+05	1.0858 E+05	4.6670 E+04	- 4.8800 E+03	1.3109 E+04	6.3910 E-02						
- 2.2556 E+02	7.6550 E+02	1.7371 E+01	- 1.1810 E+05	1.0219 E+05	2.7289 E+04	- 4.8800 E+03	1.2699 E+04	5.0415 E-02						
- 2.2556 E+02	7.1082 E+02	2.0614 E+01	- 1.1810 E+05	9.5806 E+04	2.4430 E+04	- 4.8800 E+03	1.2289 E+04	6.2500 E-01						
- 2.2556 E+02	6.5614 E+02	1.7371 E+01	- 1.1810 E+05	8.9419 E+04	2.8872 E+04	- 4.8800 E+03	1.1060 E+04	1.0083 E-01						
- 2.2556 E+02	6.0146 E+02	3.9017 E+01	- 1.1810 E+05	8.3032 E+04	2.8381 E+04	- 4.8800 E+03	1.0651 E+04	2.1215 E-01						
- 2.2556 E+02	5.4678 E+02	3.1343 E+01	- 1.1810 E+05	7.6645 E+04	4.9754 E+04	- 4.8800 E+03	1.0241 E+04	1.3824 E+02						
- 2.2556 E+02	4.9211 E+02	4.1200 E+01	- 1.1810 E+05	7.0258 E+04	9.1379 E+04	- 4.8800 E+03	9.8314 E+03	1.8978 E+00						
- 2.2556 E+02	4.3743 E+02	3.5215 E+01	- 1.1810 E+05	6.3871 E+04	9.5191 E+04	- 4.8800 E+03	9.4218 E+03	1.4852 E+02						
- 2.2556 E+02	3.8275 E+02	6.5058 E+01	- 1.1810 E+05	5.7484 E+04	1.4827 E+05	- 4.8800 E+03	9.0121 E+03	7.3205 E+01						
- 2.2556 E+02	3.2807 E+02	1.2251 E+02	- 1.1810 E+05	5.1097 E+04	2.9193 E+05	- 4.8800 E+03	8.6025 E+03	5.8437 E+02						
- 2.2556 E+02	2.7339 E+02	1.2311 E+02	- 1.1810 E+05	4.4710 E+04	4.0781 E+05	- 4.8800 E+03	8.1928 E+03	5.9816 E+02						
- 2.2556 E+02	2.1871 E+02	1.4785 E+02	- 1.1810 E+05	3.8322 E+04	8.9457 E+05	- 4.8800 E+03	7.7832 E+03	5.5959 E+01						

Original Instruction: T05 0138-8633 VER 00
 4426-7700-00-00-01-0 - Jaberster@dnv.com - Yvonne Förster
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBSRRE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.6404	1.5787	-	3.1935	1.7905	-	7.3735	1.1950						
2.2556	E+02	E+02	1.1810	E+04	E+06	4.8800	E+03	E+03						
-	1.0936	5.4847	-	2.5548	3.3567	-	6.9639	2.6916						
2.2556	E+02	E+02	1.1810	E+04	E+06	4.8800	E+03	E+02						
-	5.4678	1.2571	-	1.9161	4.3698	-	6.5543	1.1089						
2.2556	E+02	E+04	1.1810	E+04	E+06	4.8800	E+03	E+03						
-	0.0000	9.8615	-	1.2774	5.1193	-	6.1446	6.5764						
2.2556	E+02	E+04	1.1810	E+04	E+06	4.8800	E+03	E+02						
-	1.7497	1.6856	-	6.3871	7.6547	-	5.7350	4.3820						
2.8988	E+02	E+00	1.1810	E+03	E+06	4.8800	E+03	E+03						
-	1.5310	1.6856	-	0.0000	2.3511	-	5.3253	4.1858						
2.8988	E+02	E+00	1.1810	E+05	E+07	4.8800	E+03	E+03						
-	1.3670	3.4356	-	1.3413	7.0000	-	4.9157	1.2258						
2.8988	E+02	E+00	1.2560	E+05	E+02	4.8800	E+03	E+03						
-	1.3123	3.4356	-	1.2774	2.4839	-	4.5061	3.1021						
2.8988	E+02	E+00	1.2560	E+05	E+03	4.8800	E+03	E+03						
-	1.2576	1.7500	-	1.2135	4.9023	-	4.0964	5.4655						
2.8988	E+02	E+00	1.2560	E+05	E+03	4.8800	E+03	E+03						
-	1.2029	6.8069	-	1.1497	8.8670	-	3.6868	6.0548						
2.8988	E+02	E+00	1.2560	E+05	E+03	4.8800	E+03	E+03						
-	1.1482	6.9356	-	1.0858	1.2847	-	3.2771	3.0304						
2.8988	E+02	E+00	1.2560	E+05	E+04	4.8800	E+03	E+03						
-	1.0936	5.2500	-	1.0219	2.5590	-	2.8675	6.2624						
2.8988	E+02	E+00	1.2560	E+05	E+04	4.8800	E+03	E+03						
-	9.2953	9.7426	-	9.5806	3.6206	-	2.4578	7.9399						
2.8988	E+02	E+00	1.2560	E+04	E+04	4.8800	E+03	E+03						
-	8.7485	8.4926	-	8.9419	2.1055	-	2.0482	1.3782						
2.8988	E+02	E+00	1.2560	E+04	E+04	4.8800	E+03	E+04						
-	8.2018	3.3713	-	8.3032	2.1663	-	1.6386	6.6743						
2.8988	E+02	E+00	1.2560	E+04	E+04	4.8800	E+03	E+04						
-	7.6550	3.4721	-	7.6645	4.5507	-	1.2289	7.0256						
2.8988	E+02	E+00	1.2560	E+04	E+04	4.8800	E+03	E+04						
-	7.1082	1.0500	-	7.0258	7.9379	-	8.1928	2.1661						
2.8988	E+02	E+01	1.2560	E+04	E+04	4.8800	E+02	E+05						
-	6.5614	2.1864	-	6.3871	1.3960	-	4.0964	8.3563						
2.8988	E+02	E+01	1.2560	E+04	E+05	4.8800	E+02	E+05						

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S RIE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 2.8988 E+02	6.0146 E+02	1.7086 E+01	- 1.2560 E+05	5.7484 E+04	1.5570 E+05	- 4.8800 E+03	0.0000 E+00	2.4146 E+06						
- 2.8988 E+02	5.4678 E+02	1.0371 E+01	- 1.2560 E+05	5.1097 E+04	2.2576 E+05	- 5.3724 E+03	9.8314 E+03	6.8237 E+01						
- 2.8988 E+02	4.9211 E+02	2.7614 E+01	- 1.2560 E+05	4.4710 E+04	4.2897 E+05	- 5.3724 E+03	9.4218 E+03	5.5795 E+00						
- 2.8988 E+02	4.3743 E+02	3.5993 E+01	- 1.2560 E+05	3.8322 E+04	8.3231 E+05	- 5.3724 E+03	8.6025 E+03	1.4761 E+01						
- 2.8988 E+02	3.8275 E+02	2.8836 E+01	- 1.2560 E+05	3.1935 E+04	1.7089 E+06	- 5.3724 E+03	7.7832 E+03	2.3334 E+01						
- 2.8988 E+02	3.2807 E+02	6.4443 E+01	- 1.2560 E+05	2.5548 E+04	3.0755 E+06	- 5.3724 E+03	7.3735 E+03	4.1813 E+00						
- 2.8988 E+02	2.7339 E+02	5.6166 E+01	- 1.2560 E+05	1.9161 E+04	4.8904 E+06	- 5.3724 E+03	6.9639 E+03	7.2061 E+01						
- 2.8988 E+02	2.1871 E+02	9.8348 E+01	- 1.2560 E+05	1.2774 E+04	5.9851 E+06	- 5.3724 E+03	6.5543 E+03	1.1821 E+02						
- 2.8988 E+02	1.6404 E+02	1.3579 E+02	- 1.2560 E+05	6.3871 E+03	8.0439 E+06	- 5.3724 E+03	6.1446 E+03	2.2190 E+02						
- 2.8988 E+02	1.0936 E+02	4.3921 E+02	- 1.2560 E+05	0.0000 E+00	2.8987 E+07	- 5.3724 E+03	5.7350 E+03	1.1761 E+02						
- 2.8988 E+02	5.4678 E+01	3.0906 E+02	- 1.3311 E+05	1.2135 E+05	7.5756 E+02	- 5.3724 E+03	5.3253 E+03	1.3279 E+02						
- 2.8988 E+02	0.0000 E+00	1.3599 E+04	- 1.3311 E+05	1.1497 E+05	3.1511 E+03	- 5.3724 E+03	4.9157 E+03	1.6143 E+03						
- 3.5421 E+02	1.3670 E+03	1.6856 E+00	- 1.3311 E+05	1.0858 E+05	6.2116 E+03	- 5.3724 E+03	4.5061 E+03	1.8492 E+02						
- 3.5421 E+02	1.3123 E+03	1.6856 E+00	- 1.3311 E+05	1.0219 E+05	1.5380 E+04	- 5.3724 E+03	4.0964 E+03	8.8518 E+02						
- 3.5421 E+02	1.2576 E+03	1.6856 E+00	- 1.3311 E+05	9.5806 E+04	3.9561 E+04	- 5.3724 E+03	3.6868 E+03	3.8129 E+03						
- 3.5421 E+02	1.1482 E+03	1.6856 E+00	- 1.3311 E+05	8.9419 E+04	4.2724 E+04	- 5.3724 E+03	3.2771 E+03	5.6770 E+02						
- 3.5421 E+02	9.8421 E+02	3.3713 E+00	- 1.3311 E+05	8.3032 E+04	5.7848 E+04	- 5.3724 E+03	2.8675 E+03	5.4106 E+02						
- 3.5421 E+02	8.7485 E+02	3.5000 E+00	- 1.3311 E+05	7.6645 E+04	5.3652 E+04	- 5.3724 E+03	2.4578 E+03	2.0381 E+03						

Original Instruction: T05 0138-8633 VER 00
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 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBSRRE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 3.5421 E+02	8.2018 E+02	1.0371 E+01	- 1.3311 E+05	7.0258 E+04	7.9752 E+04	- 5.3724 E+03	2.0482 E+03	4.3156 E+03						
- 3.5421 E+02	7.6550 E+02	3.3713 E+00	- 1.3311 E+05	6.3871 E+04	1.0999 E+05	- 5.3724 E+03	1.6386 E+03	4.5245 E+03						
- 3.5421 E+02	7.1082 E+02	3.3713 E+00	- 1.3311 E+05	5.7484 E+04	1.5523 E+05	- 5.3724 E+03	1.2289 E+03	8.6757 E+03						
- 3.5421 E+02	6.5614 E+02	1.0243 E+01	- 1.3311 E+05	5.1097 E+04	2.7197 E+05	- 5.3724 E+03	8.1928 E+02	4.0413 E+04						
- 3.5421 E+02	6.0146 E+02	4.7500 E+00	- 1.3311 E+05	4.4710 E+04	4.7826 E+05	- 5.3724 E+03	4.0964 E+02	2.7254 E+05						
- 3.5421 E+02	5.4678 E+02	1.0371 E+01	- 1.3311 E+05	3.8322 E+04	8.8312 E+05	- 5.3724 E+03	0.0000 E+00	8.2133 E+05						
- 3.5421 E+02	4.9211 E+02	2.4343 E+01	- 1.3311 E+05	3.1935 E+04	1.7293 E+06	- 5.8647 E+03	9.8314 E+03	5.0384 E+00						
- 3.5421 E+02	4.3743 E+02	2.4316 E+01	- 1.3311 E+05	2.5548 E+04	3.1962 E+06	- 5.8647 E+03	9.0121 E+03	1.7634 E+01						
- 3.5421 E+02	3.8275 E+02	3.4228 E+01	- 1.3311 E+05	1.9161 E+04	5.4242 E+06	- 5.8647 E+03	8.6025 E+03	2.0833 E+02						
- 3.5421 E+02	3.2807 E+02	2.5207 E+01	- 1.3311 E+05	1.2774 E+04	7.0546 E+06	- 5.8647 E+03	7.7832 E+03	1.6201 E+00						
- 3.5421 E+02	2.7339 E+02	4.1700 E+01	- 1.3311 E+05	6.3871 E+03	1.0119 E+07	- 5.8647 E+03	7.3735 E+03	1.9560 E+00						
- 3.5421 E+02	2.1871 E+02	5.8571 E+01	- 1.3311 E+05	0.0000 E+00	3.5078 E+07	- 5.8647 E+03	6.9639 E+03	4.2555 E+00						
- 3.5421 E+02	1.6404 E+02	6.5228 E+01	- 1.4061 E+05	1.1497 E+05	1.6856 E+00	- 5.8647 E+03	6.5543 E+03	4.1992 E+02						
- 3.5421 E+02	1.0936 E+02	1.6321 E+02	- 1.4061 E+05	1.0858 E+05	2.5065 E+02	- 5.8647 E+03	6.1446 E+03	1.3336 E+01						
- 3.5421 E+02	5.4678 E+01	2.3031 E+02	- 1.4061 E+05	1.0219 E+05	3.6112 E+03	- 5.8647 E+03	5.7350 E+03	2.5412 E+01						
- 3.5421 E+02	0.0000 E+00	2.5418 E+03	- 1.4061 E+05	9.5806 E+04	1.8437 E+04	- 5.8647 E+03	5.3253 E+03	2.5707 E+01						
- 4.1853 E+02	1.3123 E+03	5.1213 E+00	- 1.4061 E+05	8.9419 E+04	3.3355 E+04	- 5.8647 E+03	4.9157 E+03	1.5794 E+02						
- 4.1853 E+02	1.2576 E+03	1.7500 E+00	- 1.4061 E+05	8.3032 E+04	5.0965 E+04	- 5.8647 E+03	4.5061 E+03	1.1714 E+01						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 4.1853 E+02	7.1082 E+02	6.7426 E+00	- 1.4061 E+05	7.6645 E+04	8.6625 E+04	- 5.8647 E+03	4.0964 E+03	2.5516 E+01						
- 4.1853 E+02	6.5614 E+02	4.7500 E+00	- 1.4061 E+05	7.0258 E+04	1.4069 E+05	- 5.8647 E+03	3.6868 E+03	5.6850 E+01						
- 4.1853 E+02	6.0146 E+02	3.3713 E+00	- 1.4061 E+05	6.3871 E+04	1.8017 E+05	- 5.8647 E+03	3.2771 E+03	5.0162 E+01						
- 4.1853 E+02	5.4678 E+02	6.8713 E+00	- 1.4061 E+05	5.7484 E+04	2.5307 E+05	- 5.8647 E+03	2.8675 E+03	8.0922 E+01						
- 4.1853 E+02	4.9211 E+02	1.4000 E+01	- 1.4061 E+05	5.1097 E+04	3.4003 E+05	- 5.8647 E+03	2.4578 E+03	2.4824 E+02						
- 4.1853 E+02	4.3743 E+02	1.6985 E+01	- 1.4061 E+05	4.4710 E+04	5.2365 E+05	- 5.8647 E+03	2.0482 E+03	3.1168 E+02						
- 4.1853 E+02	3.8275 E+02	2.5493 E+01	- 1.4061 E+05	3.8322 E+04	1.0558 E+06	- 5.8647 E+03	1.6386 E+03	6.2615 E+01						
- 4.1853 E+02	3.2807 E+02	3.0856 E+01	- 1.4061 E+05	3.1935 E+04	1.8315 E+06	- 5.8647 E+03	1.2289 E+03	3.3086 E+03						
- 4.1853 E+02	2.7339 E+02	3.2079 E+01	- 1.4061 E+05	2.5548 E+04	3.6326 E+06	- 5.8647 E+03	8.1928 E+02	1.1902 E+04						
- 4.1853 E+02	2.1871 E+02	3.9235 E+01	- 1.4061 E+05	1.9161 E+04	6.0482 E+06	- 5.8647 E+03	4.0964 E+02	6.3668 E+04						
- 4.1853 E+02	1.6404 E+02	5.5579 E+01	- 1.4061 E+05	1.2774 E+04	7.5788 E+06	- 5.8647 E+03	0.0000 E+00	2.5380 E+05						
- 4.1853 E+02	1.0936 E+02	1.0013 E+02	- 1.4061 E+05	6.3871 E+03	1.1445 E+07	- 6.3571 E+03	9.0121 E+03	1.0083 E-01						
- 4.1853 E+02	5.4678 E+01	1.6021 E+02	- 1.4061 E+05	0.0000 E+00	4.1655 E+07	- 6.3571 E+03	8.6025 E+03	2.1296 E+00						
- 4.1853 E+02	0.0000 E+00	4.9501 E+02	- 1.4812 E+05	1.2135 E+05	1.6856 E+00	- 6.3571 E+03	7.3735 E+03	2.1215 E-01						
- 4.8285 E+02	1.8591 E+03	1.6856 E+00	- 1.4812 E+05	1.1497 E+05	1.9029 E+03	- 6.3571 E+03	6.9639 E+03	2.1296 E+00						
- 4.8285 E+02	1.4763 E+03	1.6856 E+00	- 1.4812 E+05	1.0858 E+05	5.0570 E+00	- 6.3571 E+03	6.5543 E+03	2.0833 E+02						
- 4.8285 E+02	7.1082 E+02	6.8713 E+00	- 1.4812 E+05	1.0219 E+05	6.7426 E+00	- 6.3571 E+03	6.1446 E+03	1.0887 E+01						
- 4.8285 E+02	4.9211 E+02	6.8713 E+00	- 1.4812 E+05	9.5806 E+04	3.3713 E+00	- 6.3571 E+03	5.7350 E+03	3.1298 E-01						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	4.3743	3.5000	-	8.9419	4.0287	-	5.3253	2.9431						
4.8285	E+02	E+00	1.4812	E+04	E+03	6.3571	E+03	E+01						
E+02			E+05			E+03								
-	3.8275	6.8713	-	8.3032	7.1815	-	4.9157	4.3304						
4.8285	E+02	E+00	1.4812	E+04	E+03	6.3571	E+03	E+01						
E+02			E+05			E+03								
-	3.2807	1.0371	-	7.6645	1.7479	-	4.5061	1.0781						
4.8285	E+02	E+01	1.4812	E+04	E+04	6.3571	E+03	E+02						
E+02			E+05			E+03								
-	2.7339	1.8364	-	7.0258	7.1890	-	4.0964	3.0368						
4.8285	E+02	E+01	1.4812	E+04	E+04	6.3571	E+03	E+00						
E+02			E+05			E+03								
-	2.1871	3.7985	-	6.3871	9.9100	-	3.6868	3.4810						
4.8285	E+02	E+01	1.4812	E+04	E+04	6.3571	E+03	E+01						
E+02			E+05			E+03								
-	1.6404	5.2978	-	5.7484	1.7125	-	3.2771	1.7846						
4.8285	E+02	E+01	1.4812	E+04	E+05	6.3571	E+03	E+01						
E+02			E+05			E+03								
-	1.0936	4.3957	-	5.1097	3.0871	-	2.8675	2.8780						
4.8285	E+02	E+01	1.4812	E+04	E+05	6.3571	E+03	E+01						
E+02			E+05			E+03								
-	5.4678	5.9587	-	4.4710	5.7639	-	2.4578	7.7904						
4.8285	E+02	E+01	1.4812	E+04	E+05	6.3571	E+03	E+00						
E+02			E+05			E+03								
-	0.0000	3.1232	-	3.8322	1.1868	-	2.0482	5.0968						
4.8285	E+02	E+02	1.4812	E+04	E+06	6.3571	E+03	E+00						
E+02			E+05			E+03								
-	3.8275	6.7426	-	3.1935	2.7442	-	1.6386	3.4357						
5.4718	E+02	E+00	1.4812	E+04	E+06	6.3571	E+03	E+01						
E+02			E+05			E+03								
-	3.2807	3.3713	-	2.5548	5.2731	-	1.2289	5.3030						
5.4718	E+02	E+00	1.4812	E+04	E+06	6.3571	E+03	E+01						
E+02			E+05			E+03								
-	2.7339	2.6864	-	1.9161	7.9137	-	8.1928	3.1787						
5.4718	E+02	E+01	1.4812	E+04	E+06	6.3571	E+03	E+03						
E+02			E+05			E+03								
-	2.1871	2.1606	-	1.2774	9.3277	-	4.0964	2.1660						
5.4718	E+02	E+01	1.4812	E+04	E+06	6.3571	E+03	E+04						
E+02			E+05			E+03								
-	1.6404	2.5593	-	6.3871	1.3852	-	0.0000	6.7804						
5.4718	E+02	E+01	1.4812	E+03	E+07	6.3571	E+03	E+04						
E+02			E+05			E+03								
-	1.0936	4.4728	-	0.0000	4.9472	-	8.1928	2.1215						
5.4718	E+02	E+01	1.4812	E+00	E+07	6.8494	E+03	E-01						
E+02			E+05			E+03								
-	5.4678	5.8599	-	1.1497	3.3713	-	7.7832	1.3196						
5.4718	E+02	E+01	1.5562	E+05	E+00	6.8494	E+03	E+00						
E+02			E+05			E+03								
-	0.0000	8.5909	-	1.0858	3.3713	-	7.3735	8.1003						
5.4718	E+02	E+01	1.5562	E+05	E+00	6.8494	E+03	E-01						
E+02			E+05			E+03								
-	8.2018	3.3713	-	9.5806	1.6856	-	6.5543	8.1003						
6.1150	E+02	E+00	1.5562	E+04	E+00	6.8494	E+03	E-01						
E+02			E+05			E+03								

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 6.1150 E+02	4.9211 E+02	3.3713 E+00	- 1.5562 E+05	8.9419 E+04	1.6856 E+00	- 6.8494 E+03	5.3253 E+03	8.1003 E-01						
- 6.1150 E+02	4.3743 E+02	3.3713 E+00	- 1.5562 E+05	7.6645 E+04	8.4283 E+00	- 6.8494 E+03	4.5061 E+03	5.2401 E+00						
- 6.1150 E+02	3.8275 E+02	6.7426 E+00	- 1.5562 E+05	7.0258 E+04	7.1593 E+03	- 6.8494 E+03	4.0964 E+03	6.1614 E+00						
- 6.1150 E+02	2.7339 E+02	1.0114 E+01	- 1.5562 E+05	6.3871 E+04	2.0012 E+04	- 6.8494 E+03	3.6868 E+03	3.2526 E+00						
- 6.1150 E+02	2.1871 E+02	7.0000 E+00	- 1.5562 E+05	5.7484 E+04	6.5132 E+04	- 6.8494 E+03	3.2771 E+03	1.5317 E+00						
- 6.1150 E+02	1.6404 E+02	1.3743 E+01	- 1.5562 E+05	5.1097 E+04	1.5881 E+05	- 6.8494 E+03	2.8675 E+03	2.9359 E+00						
- 6.1150 E+02	1.0936 E+02	2.6993 E+01	- 1.5562 E+05	4.4710 E+04	4.6167 E+05	- 6.8494 E+03	2.0482 E+03	5.1008 E+00						
- 6.1150 E+02	5.4678 E+01	4.6207 E+01	- 1.5562 E+05	3.8322 E+04	9.1390 E+05	- 6.8494 E+03	1.6386 E+03	2.0431 E+01						
- 6.1150 E+02	0.0000 E+00	3.6931 E+01	- 1.5562 E+05	3.1935 E+04	1.8839 E+06	- 6.8494 E+03	1.2289 E+03	5.1381 E+02						
- 6.7582 E+02	4.3743 E+02	1.0500 E+01	- 1.5562 E+05	2.5548 E+04	3.9289 E+06	- 6.8494 E+03	8.1928 E+02	3.0529 E+02						
- 6.7582 E+02	3.8275 E+02	3.3713 E+00	- 1.5562 E+05	1.9161 E+04	6.6168 E+06	- 6.8494 E+03	4.0964 E+02	3.6611 E+03						
- 6.7582 E+02	3.2807 E+02	3.3713 E+00	- 1.5562 E+05	1.2774 E+04	8.1193 E+06	- 6.8494 E+03	0.0000 E+00	2.1752 E+04						
- 6.7582 E+02	2.7339 E+02	1.0371 E+01	- 1.5562 E+05	6.3871 E+03	1.1327 E+07	- 7.3417 E+03	7.7832 E+03	2.1215 E-01						
- 6.7582 E+02	2.1871 E+02	1.3021 E+01	- 1.5562 E+05	0.0000 E+00	4.0804 E+07	- 7.3417 E+03	6.1446 E+03	1.0083 E-01						
- 6.7582 E+02	1.6404 E+02	3.5000 E+00	- 1.6313 E+05	7.6645 E+04	1.6856 E+00	- 7.3417 E+03	5.7350 E+03	5.2506 E+00						
- 6.7582 E+02	1.0936 E+02	1.9993 E+01	- 1.6313 E+05	7.0258 E+04	1.6856 E+00	- 7.3417 E+03	5.3253 E+03	1.6326 E+00						
- 6.7582 E+02	5.4678 E+01	3.9377 E+01	- 1.6313 E+05	6.3871 E+04	3.3713 E+00	- 7.3417 E+03	4.9157 E+03	1.3196 E+00						
- 6.7582 E+02	0.0000 E+00	2.5722 E+01	- 1.6313 E+05	5.7484 E+04	5.0129 E+02	- 7.3417 E+03	2.8675 E+03	5.0384 E+00						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 7.4015 E+02	4.9211 E+02	3.3713 E+00	- 1.6313 E+05	5.1097 E+04	3.8317 E+03	- 7.3417 E+03	2.4578 E+03	4.2430 E-01						
- 7.4015 E+02	2.1871 E+02	3.3713 E+00	- 1.6313 E+05	4.4710 E+04	3.0754 E+04	- 7.3417 E+03	1.6386 E+03	1.0580 E+01						
- 7.4015 E+02	1.6404 E+02	6.7426 E+00	- 1.6313 E+05	3.8322 E+04	1.3226 E+05	- 7.3417 E+03	1.2289 E+03	7.0185 E+02						
- 7.4015 E+02	1.0936 E+02	1.0083 E-01	- 1.6313 E+05	3.1935 E+04	4.2390 E+05	- 7.3417 E+03	8.1928 E+02	3.0365 E+02						
- 7.4015 E+02	5.4678 E+01	1.0114 E+01	- 1.6313 E+05	2.5548 E+04	1.0879 E+06	- 7.3417 E+03	4.0964 E+02	3.3946 E+03						
- 7.4015 E+02	0.0000 E+00	3.3713 E+00	- 1.6313 E+05	1.9161 E+04	1.7380 E+06	- 7.3417 E+03	0.0000 E+00	1.1686 E+04						
- 8.0447 E+02	1.6404 E+02	3.3713 E+00	- 1.6313 E+05	1.2774 E+04	2.0366 E+06	- 7.8341 E+03	6.1446 E+03	3.5000 E+00						
- 8.0447 E+02	5.4678 E+01	6.8434 E+00	- 1.6313 E+05	6.3871 E+03	3.4444 E+06	- 7.8341 E+03	5.7350 E+03	1.2500 E+00						
- 8.6879 E+02	1.6404 E+02	1.3021 E+01	- 1.6313 E+05	0.0000 E+00	1.6718 E+07	- 7.8341 E+03	5.3253 E+03	2.1215 E-01						
- 8.6879 E+02	5.4678 E+01	3.5000 E+00	- 1.7063 E+05	1.2774 E+05	1.6856 E+00	- 7.8341 E+03	4.9157 E+03	9.1086 E-01						
- 8.6879 E+02	0.0000 E+00	4.7500 E+00	- 1.7063 E+05	6.3871 E+04	3.3713 E+00	- 7.8341 E+03	2.8675 E+03	1.3196 E+00						
- 9.3312 E+02	2.1871 E+02	3.3713 E+00	- 1.7063 E+05	4.4710 E+04	3.3713 E+00	- 7.8341 E+03	1.6386 E+03	6.5702 E+00						
- 9.9744 E+02	1.6404 E+02	3.3713 E+00	- 1.7063 E+05	3.8322 E+04	6.6676 E+03	- 7.8341 E+03	1.2289 E+03	1.0222 E+00						
- 9.9744 E+02	5.4678 E+01	3.3713 E+00	- 1.7063 E+05	3.1935 E+04	8.5789 E+03	- 7.8341 E+03	8.1928 E+02	7.0000 E+02						
			- 1.7063 E+05	2.5548 E+04	2.3912 E+04	- 7.8341 E+03	4.0964 E+02	4.3322 E+01						
			- 1.7063 E+05	1.9161 E+04	1.0713 E+05	- 7.8341 E+03	0.0000 E+00	1.2144 E+03						
			- 1.7063 E+05	1.2774 E+04	1.4585 E+05	- 8.3264 E+03	3.6868 E+03	1.0083 E-01						
			- 1.7063 E+05	6.3871 E+03	4.1766 E+05	- 8.3264 E+03	2.0482 E+03	1.0083 E-01						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
			- 1.7063 E+05	0.0000 E+00	3.6904 E+06	- 8.3264 E+03	1.2289 E+03	1.5317 E+00						
			- 1.7814 E+05	3.8322 E+04	3.3713 E+00	- 8.3264 E+03	8.1928 E+02	5.8100 E+00						
			- 1.7814 E+05	3.1935 E+04	3.3713 E+00	- 8.3264 E+03	4.0964 E+02	6.7209 E+00						
			- 1.7814 E+05	2.5548 E+04	3.3713 E+00	- 8.3264 E+03	0.0000 E+00	3.1486 E+02						
			- 1.7814 E+05	1.9161 E+04	1.3485 E+01	- 8.8188 E+03	4.0964 E+02	2.0843 E+02						
			- 1.7814 E+05	1.2774 E+04	1.0114 E+01	- 8.8188 E+03	0.0000 E+00	3.1043 E+02						
			- 1.7814 E+05	6.3871 E+03	8.6194 E+03	- 9.3111 E+03	2.0482 E+03	1.0083 E-01						
			- 1.7814 E+05	0.0000 E+00	3.4952 E+05	- 9.3111 E+03	4.0964 E+02	5.2506 E+00						
			- 1.8565 E+05	1.2774 E+04	1.0114 E+01	- 9.3111 E+03	0.0000 E+00	2.6300 E+01						
			- 1.8565 E+05	6.3871 E+03	6.7426 E+00	- 9.8035 E+03	1.6386 E+03	1.0083 E-01						
			- 1.8565 E+05	0.0000 E+00	2.2815 E+04	- 9.8035 E+03	0.0000 E+00	2.1357 E+02						
			- 1.9315 E+05	3.1935 E+04	3.3713 E+00	- 1.0296 E+04	0.0000 E+00	1.6326 E+00						
			- 1.9315 E+05	6.3871 E+03	3.3713 E+00	- 1.0788 E+04	0.0000 E+00	2.0965 E+02						
			- 1.9315 E+05	0.0000 E+00	5.4512 E+02									
			- 2.0066 E+05	0.0000 E+00	6.7426 E+00									
			- 2.0816 E+05	0.0000 E+00	3.3713 E+00									

Table 5-5 [3] Markov Matrix

Original Instruction: T05 0138-8633 VER 00
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Appendix E. Markov matrices – issued from [4]

This appendix contains the Markov Matrices for the shear force, the bending moment and the torsional moment in the bottom of the tower, from ref. [4]. Foundation design must be verified for the most critical Markov matrices.

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.5697 E+03	5.6073 E+01	3.3713 E+00	1.2790 E+05	6.6341 E+03	3.3713 E+00	1.0229 E+04	7.9377 E+02	3.3713 E+00	6.0929 E+02	0.0000 E+00	1.3778 E+00	8.6045 E+04	3.3806 E+03	2.1215 E-01
1.4444 E+03	3.3644 E+02	2.7898 E+00	1.2068 E+05	0.0000 E+00	3.3713 E+00	9.2392 E+03	0.0000 E+00	3.3713 E+00	5.7907 E+02	0.0000 E+00	1.9192 E+01	8.2401 E+04	6.7613 E+03	4.8602 E-03
1.4444 E+03	5.6073 E+01	1.4000 E+03	1.0626 E+05	2.6536 E+04	3.3713 E+00	8.7444 E+03	2.7782 E+03	3.3713 E+00	5.4886 E+02	8.9071 E+01	1.2500 E+00	7.8757 E+04	3.3806 E+03	2.1215 E-01
1.4444 E+03	0.0000 E+00	8.3739 E+03	1.0626 E+05	0.0000 E+00	1.0243 E+01	8.2495 E+03	7.9377 E+02	3.3713 E+00	5.4886 E+02	5.9380 E+01	1.2500 E+00	7.5113 E+04	6.7613 E+03	5.0000 E+00
1.3818 E+03	1.6822 E+02	5.0415 E-02	9.9047 E+04	1.9902 E+04	3.3713 E+00	7.7547 E+03	0.0000 E+00	3.5000 E+00	5.4886 E+02	0.0000 E+00	2.6974 E+00	7.5113 E+04	0.0000 E+00	5.0384 E+00
1.3818 E+03	5.6073 E+01	8.5074 E+03	9.9047 E+04	1.3268 E+04	3.3713 E+00	7.2598 E+03	3.1751 E+03	3.3713 E+00	5.1864 E+02	0.0000 E+00	2.7051 E+01	7.1469 E+04	6.7613 E+03	5.0000 E+00
1.3818 E+03	0.0000 E+00	1.4688 E+04	9.9047 E+04	6.6341 E+03	1.6985 E+01	7.2598 E+03	3.9689 E+02	1.1082 E+03	4.8842 E+02	8.9071 E+01	4.0501 E-01	7.1469 E+04	3.3806 E+03	1.0083 E-01
1.3192 E+03	1.6822 E+02	6.1610 E+00	9.9047 E+04	0.0000 E+00	3.3713 E+00	7.2598 E+03	0.0000 E+00	3.6008 E+00	4.8842 E+02	5.9380 E+01	7.6042 E+00	7.1469 E+04	0.0000 E+00	2.1355 E+02
1.3192 E+03	1.1215 E+02	1.6582 E+03	9.1834 E+04	1.9902 E+04	3.5000 E+00	6.7649 E+03	1.1907 E+03	5.0384 E+00	4.8842 E+02	2.9690 E+01	3.9303 E+01	6.7825 E+04	1.0142 E+04	1.0038 E+01
1.3192 E+03	5.6073 E+01	1.9615 E+04	9.1834 E+04	1.3268 E+04	3.5000 E+00	6.7649 E+03	3.9689 E+02	4.5053 E+02	4.8842 E+02	0.0000 E+00	2.4642 E+01	6.7825 E+04	6.7613 E+03	5.0097 E+00
1.3192 E+03	0.0000 E+00	8.9684 E+04	9.1834 E+04	6.6341 E+03	1.9892 E+01	6.7649 E+03	0.0000 E+00	3.5351 E+02	4.5821 E+02	8.9071 E+01	5.0000 E+00	6.7825 E+04	3.3806 E+03	5.0000 E+00
1.2565 E+03	6.7288 E+02	6.2500 E-01	9.1834 E+04	0.0000 E+00	3.4099 E+01	6.2701 E+03	3.5720 E+03	3.3713 E+00	4.5821 E+02	5.9380 E+01	1.0651 E+01	6.7825 E+04	0.0000 E+00	2.8733 E+01
1.2565 E+03	2.8037 E+02	3.3713 E+00	8.4621 E+04	3.3170 E+04	7.0000 E+00	6.2701 E+03	2.7782 E+03	3.5000 E+00	4.5821 E+02	2.9690 E+01	1.3196 E+00	6.4181 E+04	6.7613 E+03	5.0384 E+00
1.2565 E+03	2.2429 E+02	1.4000 E+03	8.4621 E+04	2.6536 E+04	3.3713 E+00	6.2701 E+03	1.9844 E+03	5.5795 E+00	4.5821 E+02	0.0000 E+00	6.8678 E+02	6.4181 E+04	3.3806 E+03	1.0544 E+01
1.2565 E+03	1.6822 E+02	1.3773 E+03	8.4621 E+04	1.9902 E+04	3.3713 E+00	6.2701 E+03	1.5875 E+03	1.3196 E+00	4.2799 E+02	3.2659 E+02	4.8602 E-03	6.4181 E+04	0.0000 E+00	1.0383 E+02
1.2565 E+03	1.1215 E+02	1.2455 E+04	8.4621 E+04	1.3268 E+04	7.0000 E+00	6.2701 E+03	1.1907 E+03	3.5000 E+00	4.2799 E+02	2.9690 E+02	5.0000 E+00	6.0537 E+04	4.3948 E+04	1.3196 E+00
1.2565 E+03	5.6073 E+01	8.2228 E+04	8.4621 E+04	6.6341 E+03	1.3743 E+01	6.2701 E+03	7.9377 E+02	3.4721 E+00	4.2799 E+02	8.9071 E+01	2.1215 E-01	6.0537 E+04	3.3806 E+04	1.3196 E+00
1.2565 E+03	0.0000 E+00	2.6469 E+05	8.4621 E+04	0.0000 E+00	2.7586 E+01	6.2701 E+03	3.9689 E+02	1.0500 E+01	4.2799 E+02	2.9690 E+01	5.6671 E+01	6.0537 E+04	1.3523 E+04	8.1003 E-01
1.1939 E+03	2.8037 E+02	1.6664 E+03	7.7408 E+04	3.9804 E+04	3.5000 E+00	6.2701 E+03	0.0000 E+00	3.5666 E+03	4.2799 E+02	0.0000 E+00	3.8307 E+02	6.0537 E+04	1.0142 E+04	9.0844 E+00
1.1939 E+03	2.2429 E+02	5.8110 E+03	7.7408 E+04	3.3170 E+04	3.5000 E+00	5.7752 E+03	7.5409 E+03	3.5000 E+00	3.9777 E+02	3.5628 E+02	4.8602 E-03	6.0537 E+04	6.7613 E+03	1.2643 E+01
1.1939 E+03	1.6822 E+02	1.6358 E+04	7.7408 E+04	2.6536 E+04	2.3264 E+01	5.7752 E+03	4.7626 E+03	3.5000 E+00	3.9777 E+02	2.6721 E+02	5.0000 E+00	6.0537 E+04	3.3806 E+03	3.1551 E+01
1.1939 E+03	1.1215 E+02	5.4146 E+04	7.7408 E+04	1.9902 E+04	3.8114 E+01	5.7752 E+03	4.3658 E+03	3.5000 E+00	3.9777 E+02	2.0783 E+02	1.0083 E-01	6.0537 E+04	0.0000 E+00	1.0939 E+02
1.1939 E+03	5.6073 E+01	2.7151 E+05	7.7408 E+04	1.3268 E+04	1.0114 E+01	5.7752 E+03	3.5720 E+03	5.5795 E+00	3.9777 E+02	1.7814 E+02	5.0000 E+00	5.6893 E+04	3.0426 E+04	5.0384 E+00
1.1939 E+03	0.0000 E+00	7.5617 E+05	7.7408 E+04	6.6341 E+03	3.1114 E+01	5.7752 E+03	2.7782 E+03	5.5795 E+00	3.9777 E+02	1.1876 E+02	2.1215 E-01	5.6893 E+04	2.7045 E+04	1.5317 E+00

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.1312	6.1681	3.3713	7.7408	0.0000	5.2793	5.7752	7.9377	5.6828	3.9777	8.9071	5.0000	5.6893	1.6903	2.1215
E+03	E+02	E+00	E+04	E+00	E+01	E+03	E+02	E+02	E+02	E+01	E+00	E+04	E+04	E-01
1.1312	5.6073	3.4347	7.0195	7.9609	3.3713	5.7752	3.9689	1.8880	3.9777	5.9380	5.2506	5.6893	1.3523	8.1003
E+03	E+02	E+02	E+04	E+04	E+00	E+03	E+02	E+03	E+02	E+01	E+00	E+04	E+04	E-01
1.1312	3.3644	2.4896	7.0195	6.6341	3.5000	5.7752	0.0000	7.7557	3.9777	2.9690	2.3488	5.6893	1.0142	5.4243
E+03	E+02	E+02	E+04	E+04	E+00	E+03	E+00	E+03	E+02	E+01	E+02	E+04	E+04	E+00
1.1312	2.8037	6.9031	7.0195	3.9804	6.8713	5.2803	1.1907	1.7872	3.9777	0.0000	1.4121	5.6893	6.7613	1.2993
E+03	E+02	E+02	E+04	E+04	E+00	E+03	E+04	E+01	E+02	E+00	E+03	E+04	E+03	E+01
1.1312	2.2429	2.8205	7.0195	3.3170	7.0000	5.2803	5.5564	3.3713	3.6756	2.6721	5.0000	5.6893	3.3806	4.0182
E+03	E+02	E+03	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+03	E+02
1.1312	1.6822	4.5734	7.0195	2.6536	6.8713	5.2803	4.3658	3.5000	3.6756	1.7814	5.0000	5.6893	0.0000	4.3583
E+03	E+02	E+04	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+00	E+02
1.1312	1.1215	2.2442	7.0195	1.9902	2.0485	5.2803	3.5720	3.3713	3.6756	1.1876	5.1008	5.3249	3.0426	2.0833
E+03	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E+02
1.1312	5.6073	9.5966	7.0195	1.3268	2.0614	5.2803	2.7782	2.4803	3.6756	8.9071	1.2500	5.3249	2.7045	2.1215
E+03	E+01	E+05	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+01	E+00	E+04	E+04	E-01
1.1312	0.0000	1.9726	7.0195	6.6341	5.1728	5.2803	2.3813	2.1303	3.6756	5.9380	5.7839	5.3249	2.3665	4.2430
E+03	E+00	E+06	E+04	E+03	E+01	E+03	E+03	E+01	E+02	E+01	E+01	E+04	E+04	E-01
1.0686	8.4110	3.3713	7.0195	0.0000	1.0031	5.2803	1.9844	2.5230	3.6756	2.9690	1.3636	5.3249	1.6903	3.0405
E+03	E+02	E+00	E+04	E+00	E+02	E+03	E+03	E+01	E+02	E+01	E+03	E+04	E+04	E+00
1.0686	6.1681	3.3713	6.2983	1.4595	1.7500	5.2803	1.5875	7.9926	3.6756	0.0000	6.0717	5.3249	1.3523	7.8898
E+03	E+02	E+00	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+00	E+03	E+04	E+04	E+00
1.0686	5.6073	3.3713	6.2983	5.9707	3.3713	5.2803	1.1907	4.6814	3.3734	3.5628	5.0000	5.3249	1.0142	3.2071
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+01
1.0686	5.0466	8.4926	6.2983	5.3073	3.5000	5.2803	7.9377	1.1101	3.3734	2.9690	5.0000	5.3249	6.7613	3.4518
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+02	E+03	E+02	E+02	E+00	E+04	E+03	E+01
1.0686	4.4859	1.9764	6.2983	3.9804	1.0371	5.2803	3.9689	8.7257	3.3734	2.3752	1.2500	5.3249	3.3806	7.1209
E+03	E+02	E+01	E+04	E+04	E+01	E+03	E+02	E+03	E+02	E+02	E+00	E+04	E+03	E+01
1.0686	3.9251	9.6558	6.2983	3.3170	1.0371	5.2803	0.0000	3.5381	3.3734	2.0783	5.1392	5.3249	0.0000	3.0140
E+03	E+02	E+02	E+04	E+04	E+01	E+03	E+00	E+04	E+02	E+02	E+00	E+04	E+00	E+03
1.0686	3.3644	2.0215	6.2983	2.6536	1.7371	4.7855	7.9377	6.8237	3.3734	1.7814	7.6042	4.9605	6.0852	1.2782
E+03	E+02	E+03	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E-01
1.0686	2.8037	1.0203	6.2983	1.9902	6.8713	4.7855	4.7626	5.5795	3.3734	1.4845	1.0000	4.9605	4.3948	5.5795
E+03	E+02	E+04	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+02	E+01	E+04	E+04	E+00
1.0686	2.2429	4.1536	6.2983	1.3268	2.7614	4.7855	3.9689	2.4674	3.3734	1.1876	2.0891	4.9605	4.0568	2.6042
E+03	E+02	E+04	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E+00
1.0686	1.6822	1.5016	6.2983	6.6341	4.4801	4.7855	3.5720	1.7973	3.3734	8.9071	2.2452	4.9605	3.0426	1.7872
E+03	E+02	E+05	E+04	E+03	E+01	E+03	E+03	E+01	E+02	E+01	E+02	E+04	E+04	E+01
1.0686	1.1215	9.3913	6.2983	0.0000	9.9606	4.7855	2.7782	2.6882	3.3734	5.9380	6.2140	4.9605	2.7045	2.0843
E+03	E+02	E+05	E+04	E+00	E+01	E+03	E+03	E+01	E+02	E+01	E+01	E+04	E+04	E+02
1.0686	5.6073	2.9928	5.5770	1.5258	1.6856	4.7855	2.3813	3.2563	3.3734	2.9690	2.0310	4.9605	2.3665	6.3700
E+03	E+01	E+06	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+01	E+03	E+04	E+04	E+00
1.0686	0.0000	5.2187	5.5770	1.4595	1.6856	4.7855	1.9844	2.6480	3.3734	0.0000	1.4274	4.9605	2.0284	1.3801
E+03	E+00	E+06	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+00	E+04	E+04	E+04	E+01
1.0059	1.2336	6.5105	5.5770	1.3932	3.3713	4.7855	1.5875	7.4447	3.0712	3.5628	1.1094	4.9605	1.6903	4.6673
E+03	E+03	E+00	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+04	E+00
1.0059	1.1775	5.5065	5.5770	1.2605	1.6856	4.7855	1.1907	1.9697	3.0712	2.9690	5.6982	4.9605	1.3523	2.4517
E+03	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+02
1.0059	1.1215	4.9792	5.5770	7.2975	1.3743	4.7855	7.9377	1.9310	3.0712	2.6721	3.4142	4.9605	1.0142	2.6928
E+03	E+03	E+02	E+04	E+04	E+01	E+03	E+02	E+02	E+02	E+02	E+00	E+04	E+04	E+01
1.0059	1.0093	2.3176	5.5770	6.6341	3.5000	4.7855	3.9689	4.6399	3.0712	2.3752	8.0368	4.9605	6.7613	6.4102
E+03	E+03	E+01	E+04	E+04	E+00	E+03	E+02	E+04	E+02	E+02	E+00	E+04	E+03	E+01



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.0059	9.5324	1.0114	5.5770	5.3073	9.2426	4.7855	0.0000	1.3147	3.0712	2.0783	1.6930	4.9605	3.3806	1.0877
E+03	E+02	E+01	E+04	E+04	E+00	E+03	E+00	E+05	E+02	E+02	E+01	E+04	E+03	E+02
1.0059	8.4110	1.9012	5.5770	4.6439	2.2121	4.2906	1.3494	1.7500	3.0712	1.7814	1.2936	4.9605	0.0000	5.2344
E+03	E+02	E+03	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+00	E+03
1.0059	7.8502	6.0578	5.5770	3.9804	1.7500	4.2906	7.1440	2.7898	3.0712	1.4845	2.0783	4.5961	6.4232	1.3778
E+03	E+02	E+03	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+02	E+01	E+04	E+04	E+00
1.0059	7.2895	1.3487	5.5770	3.3170	1.0500	4.2906	5.9533	8.1003	3.0712	1.1876	2.8723	4.5961	5.0710	1.0607
E+03	E+02	E+04	E+04	E+04	E+01	E+03	E+03	E-01	E+02	E+02	E+01	E+04	E+04	E-01
1.0059	6.7288	1.9181	5.5770	2.6536	2.4371	4.2906	5.5564	2.4674	3.0712	8.9071	3.0721	4.5961	4.7329	4.5543
E+03	E+02	E+03	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+01	E+01	E+04	E+04	E-01
1.0059	6.1681	2.7293	5.5770	1.9902	2.7614	4.2906	4.7626	1.1013	3.0712	5.9380	4.8738	4.5961	4.3948	6.3580
E+03	E+02	E+04	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+01	E+03	E+04	E+04	E+00
1.0059	5.6073	1.7530	5.5770	1.3268	2.4243	4.2906	4.3658	1.6839	3.0712	2.9690	1.2638	4.5961	4.0568	1.2479
E+03	E+02	E+04	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+01	E+04	E+04	E+04	E+01
1.0059	5.0466	2.9925	5.5770	6.6341	4.7786	4.2906	3.9689	1.1683	3.0712	0.0000	3.4640	4.5961	3.7187	1.3196
E+03	E+02	E+04	E+04	E+03	E+01	E+03	E+03	E+03	E+02	E+00	E+04	E+04	E+04	E+00
1.0059	4.4859	3.6821	5.5770	0.0000	1.3894	4.2906	3.5720	5.5795	2.7691	6.5318	1.3196	4.5961	3.3806	1.5317
E+03	E+02	E+04	E+04	E+00	E+02	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E+00
1.0059	3.9251	3.9920	4.8557	1.5922	1.7500	4.2906	3.1751	8.4961	2.7691	6.2349	3.5000	4.5961	3.0426	8.1003
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E-01
1.0059	3.3644	8.4318	4.8557	1.4595	1.7500	4.2906	2.7782	1.2007	2.7691	5.0473	1.3196	4.5961	2.7045	1.5096
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+01
1.0059	2.8037	7.9201	4.8557	1.2605	5.0570	4.2906	2.3813	1.4934	2.7691	4.7504	5.0000	4.5961	2.3665	2.2155
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+01
1.0059	2.2429	2.5242	4.8557	1.1941	5.1213	4.2906	1.9844	6.4267	2.7691	4.4535	3.5000	4.5961	2.0284	1.3754
E+03	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+01
1.0059	1.6822	8.0477	4.8557	1.1278	1.6856	4.2906	1.5875	1.4217	2.7691	4.1566	5.0000	4.5961	1.6903	3.9593
E+03	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+01
1.0059	1.1215	2.7484	4.8557	9.9511	3.3713	4.2906	1.1907	5.1043	2.7691	3.8597	9.6200	4.5961	1.3523	3.7012
E+03	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E-01	E+04	E+04	E+02
1.0059	5.6073	8.9062	4.8557	8.6243	6.7426	4.2906	7.9377	7.3127	2.7691	3.2659	1.0569	4.5961	1.0142	7.2330
E+03	E+01	E+06	E+04	E+04	E+00	E+03	E+02	E+03	E+02	E+02	E-01	E+04	E+04	E+01
1.0059	0.0000	1.1365	4.8557	7.2975	3.5000	4.2906	3.9689	8.0646	2.7691	2.9690	1.5000	4.5961	6.7613	1.4586
E+03	E+00	E+07	E+04	E+04	E+00	E+03	E+02	E+04	E+02	E+02	E+01	E+04	E+03	E+02
9.4330	1.6261	3.4347	4.8557	6.6341	1.0500	4.2906	0.0000	2.8541	2.7691	2.6721	2.5151	4.5961	3.3806	1.3787
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+00	E+05	E+02	E+02	E+01	E+04	E+03	E+03
9.4330	1.5140	2.4896	4.8557	5.9707	1.7500	3.7958	1.1907	2.7898	2.7691	2.3752	6.1734	4.5961	0.0000	5.7890
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+00	E+04	E+00	E+03
9.4330	1.4579	2.6245	4.8557	5.3073	1.3743	3.7958	8.7315	1.0651	2.7691	2.0783	3.0316	4.2317	7.0994	1.2782
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E-01
9.4330	1.4018	1.4000	4.8557	4.6439	1.7243	3.7958	7.9377	5.0384	2.7691	1.7814	3.0726	4.2317	6.0852	2.6392
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+02	E+01	E+04	E+04	E+00
9.4330	1.3458	4.9604	4.8557	3.9804	2.7871	3.7958	7.5409	1.7872	2.7691	1.4845	1.3366	4.2317	5.7471	8.1003
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E-01
9.4330	1.2897	1.3869	4.8557	3.3170	2.3371	3.7958	7.1440	1.1082	2.7691	1.1876	2.4915	4.2317	5.4090	1.3196
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+00
9.4330	1.2336	3.0410	4.8557	2.6536	3.4485	3.7958	6.7471	2.4724	2.7691	8.9071	6.1440	4.2317	4.7329	2.7487
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+01	E+02	E+04	E+04	E-01
9.4330	1.1775	6.4830	4.8557	1.9902	4.0743	3.7958	6.3502	1.1014	2.7691	5.9380	7.3541	4.2317	4.3948	6.8991
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+01	E+02	E+04	E+04	E+00
9.4330	1.1215	2.5636	4.8557	1.3268	5.4350	3.7958	5.9533	1.7872	2.7691	2.9690	2.3558	4.2317	4.0568	2.5192
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+01	E+04	E+04	E+04	E+01

Original Instruction: T05 0138-8633 VER 00
 Classification: Confidential
 VESTAS PROPRIETARY NOTICE
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
9.4330	1.0654	1.1865	4.8557	6.6341	1.1481	3.7958	5.5564	1.0401	2.7691	0.0000	8.6474	4.2317	3.7187	4.9555
E+02	E+03	E+04	E+04	E+03	E+02	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+04	E+01
9.4330	1.0093	2.1439	4.8557	0.0000	4.4136	3.7958	5.1595	2.2993	2.4669	8.0163	1.2782	4.2317	3.3806	9.1512
E+02	E+03	E+04	E+04	E+00	E+03	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+04	E+01
9.4330	9.5324	3.7935	4.1344	1.5258	1.7500	3.7958	4.7626	1.1793	2.4669	6.2349	2.6042	4.2317	3.0426	4.5362
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+02
9.4330	8.9717	6.6962	4.1344	1.4595	3.4356	3.7958	4.3658	2.4072	2.4669	5.9380	5.0000	4.2317	2.7045	3.1908
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+02
9.4330	8.4110	1.0562	4.1344	1.3932	1.7500	3.7958	3.9689	4.0652	2.4669	5.0473	8.5000	4.2317	2.3665	2.3425
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+02
9.4330	7.8502	1.5707	4.1344	1.3268	1.2121	3.7958	3.5720	1.0759	2.4669	4.7504	2.1337	4.2317	2.0284	1.9340
E+02	E+02	E+05	E+04	E+05	E+01	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+02
9.4330	7.2895	1.7244	4.1344	1.2605	8.6856	3.7958	3.1751	3.6109	2.4669	4.4535	1.3196	4.2317	1.6903	5.3355
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+02
9.4330	6.7288	3.5841	4.1344	1.1941	5.1213	3.7958	2.7782	1.4881	2.4669	4.1566	4.2430	4.2317	1.3523	5.0153
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E-01	E+04	E+04	E+02
9.4330	6.1681	6.1827	4.1344	1.1278	1.6856	3.7958	2.3813	9.6362	2.4669	3.8597	8.8178	4.2317	1.0142	7.7544
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+02
9.4330	5.6073	6.5466	4.1344	1.0615	1.0500	3.7958	1.9844	9.6536	2.4669	3.5628	1.7300	4.2317	6.7613	6.8524
E+02	E+02	E+05	E+04	E+05	E+01	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+03	E+02
9.4330	5.0466	7.8423	4.1344	9.2877	6.8713	3.7958	1.5875	2.6421	2.4669	3.2659	2.2288	4.2317	3.3806	1.3784
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+03	E+03
9.4330	4.4859	1.3064	4.1344	8.6243	3.5000	3.7958	1.1907	3.4804	2.4669	2.9690	2.8463	4.2317	0.0000	1.7694
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+04	E+02	E+02	E+01	E+04	E+00	E+04
9.4330	3.9251	1.1992	4.1344	7.9609	1.7243	3.7958	7.9377	9.1824	2.4669	2.6721	4.2633	3.8673	1.0818	1.0607
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+02	E+04	E+02	E+02	E+02	E+04	E+05	E-01
9.4330	3.3644	1.5064	4.1344	7.2975	3.3713	3.7958	3.9689	2.6691	2.4669	2.3752	1.6167	3.8673	5.7471	5.5795
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+02	E+05	E+02	E+02	E+01	E+04	E+04	E+00
9.4330	2.8037	1.7515	4.1344	6.6341	7.0000	3.7958	0.0000	5.7531	2.4669	2.0783	7.3641	3.8673	5.4090	1.6197
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+00	E+05	E+02	E+02	E+01	E+04	E+04	E+01
9.4330	2.2429	1.9114	4.1344	5.9707	1.8621	3.3009	1.5875	1.6856	2.4669	1.7814	8.3830	3.8673	4.7329	6.9769
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+04	E+01
9.4330	1.6822	3.1399	4.1344	5.3073	4.2344	3.3009	1.0319	1.0651	2.4669	1.4845	2.8367	3.8673	4.3948	2.8981
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+04	E+01
9.4330	1.1215	6.9618	4.1344	4.6439	2.5493	3.3009	9.5253	1.3450	2.4669	1.1876	1.7275	3.8673	4.0568	1.1979
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+02
9.4330	5.6073	1.7443	4.1344	3.9804	2.7743	3.3009	9.1284	1.7500	2.4669	8.9071	8.0082	3.8673	3.7187	1.1027
E+02	E+01	E+07	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+01	E+02	E+04	E+04	E+02
9.4330	0.0000	2.0431	4.1344	3.3170	4.0351	3.3009	8.7315	5.5795	2.4669	5.9380	1.0937	3.8673	3.3806	1.8033
E+02	E+00	E+07	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+01	E+04	E+04	E+04	E+02
8.8066	1.8504	7.0000	4.1344	2.6536	5.6735	3.3009	8.3346	3.7331	2.4669	2.9690	8.3467	3.8673	3.0426	3.4247
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+01	E+04	E+04	E+04	E+02
8.8066	1.7943	7.0000	4.1344	1.9902	1.8979	3.3009	7.9377	1.2943	2.4669	0.0000	2.1135	3.8673	2.7045	5.7799
E+02	E+03	E+02	E+04	E+04	E+02	E+03	E+03	E+02	E+02	E+00	E+05	E+04	E+04	E+02
8.8066	1.6822	1.7435	4.1344	1.3268	4.6280	3.3009	7.5409	1.1942	2.1647	7.7194	1.3196	3.8673	2.3665	9.1168
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+02
8.8066	1.6261	7.0169	4.1344	6.6341	9.9747	3.3009	7.1440	1.3242	2.1647	6.8287	2.6392	3.8673	2.0284	4.5146
E+02	E+03	E+02	E+04	E+03	E+01	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+02
8.8066	1.5700	1.9924	4.1344	0.0000	2.4405	3.3009	6.7471	2.7576	2.1647	6.2349	2.7453	3.8673	1.6903	8.3710
E+02	E+03	E+03	E+04	E+00	E+03	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+02
8.8066	1.5140	7.0337	3.4131	1.6585	6.2500	3.3009	6.3502	4.8202	2.1647	5.6411	6.8991	3.8673	1.3523	1.7192
E+02	E+03	E+02	E+04	E+05	E-01	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+03

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.8066	1.4579	6.2699	3.4131	1.5258	3.5000	3.3009	5.9533	1.6999	2.1647	5.3442	2.7885	3.8673	1.0142	2.3765
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+03
8.8066	1.4018	5.3909	3.4131	1.4595	1.7500	3.3009	5.5564	5.8304	2.1647	5.0473	2.1333	3.8673	6.7613	1.4916
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+03	E+03
8.8066	1.3458	4.6947	3.4131	1.3932	5.2500	3.3009	5.1595	3.6754	2.1647	4.7504	1.0139	3.8673	3.3806	6.0847
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+03	E+03
8.8066	1.2897	2.2036	3.4131	1.3268	1.7500	3.3009	4.7626	2.3395	2.1647	4.4535	1.1609	3.8673	0.0000	6.4436
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+00	E+04
8.8066	1.2336	3.1930	3.4131	1.2605	1.0371	3.3009	4.3658	7.2217	2.1647	4.1566	3.1627	3.5029	7.4374	8.1003
E+02	E+03	E+04	E+04	E+05	E+01	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E-01
8.8066	1.1775	4.8617	3.4131	1.1941	8.7500	3.3009	3.9689	2.1443	2.1647	3.8597	9.0487	3.5029	6.7613	7.3816
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+01
8.8066	1.1215	7.9450	3.4131	1.1278	5.1213	3.3009	3.5720	1.6564	2.1647	3.5628	9.2204	3.5029	6.4232	1.2888
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+02
8.8066	1.0654	1.0810	3.4131	1.0615	8.6856	3.3009	3.1751	4.4361	2.1647	3.2659	2.0850	3.5029	5.7471	8.3693
E+02	E+03	E+05	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+01	E+04	E+04	E+00
8.8066	1.0093	1.7910	3.4131	9.9511	1.0371	3.3009	2.7782	6.5060	2.1647	2.9690	1.4046	3.5029	5.4090	5.3765
E+02	E+03	E+05	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+01
8.8066	9.5324	3.0212	3.4131	9.2877	3.4356	3.3009	2.3813	2.8652	2.1647	2.6721	3.3692	3.5029	5.0710	1.3692
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+02
8.8066	8.9717	4.0525	3.4131	8.6243	2.4736	3.3009	1.9844	7.3334	2.1647	2.3752	2.6012	3.5029	4.7329	5.2331
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+02
8.8066	8.4110	7.3774	3.4131	7.9609	3.1371	3.3009	1.5875	7.9410	2.1647	2.0783	1.7216	3.5029	4.3948	8.3178
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+02
8.8066	7.8502	9.8800	3.4131	7.2975	3.5000	3.3009	1.1907	7.3635	2.1647	1.7814	3.0850	3.5029	4.0568	6.8557
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+02
8.8066	7.2895	1.5415	3.4131	6.6341	3.0243	3.3009	7.9377	1.8702	2.1647	1.4845	5.7069	3.5029	3.7187	1.8055
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+02	E+05	E+02	E+02	E+02	E+04	E+04	E+03
8.8066	6.7288	2.1700	3.4131	5.9707	4.2884	3.3009	3.9689	5.5689	2.1647	1.1876	8.0320	3.5029	3.3806	3.4387
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+02	E+05	E+02	E+02	E+02	E+04	E+04	E+02
8.8066	6.1681	2.6915	3.4131	5.3073	8.8574	3.3009	0.0000	1.2895	2.1647	8.9071	4.7162	3.5029	3.0426	1.0621
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+00	E+06	E+02	E+01	E+03	E+04	E+04	E+03
8.8066	5.6073	3.8594	3.4131	4.6439	5.4351	2.8060	1.7066	1.6856	2.1647	5.9380	3.0710	3.5029	2.7045	2.5716
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+01	E+04	E+04	E+04	E+03
8.8066	5.0466	4.8558	3.4131	3.9804	1.1282	2.8060	1.6669	1.7500	2.1647	2.9690	2.1482	3.5029	2.3665	1.9398
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+04	E+00	E+02	E+01	E+05	E+04	E+04	E+03
8.8066	4.4859	6.3987	3.4131	3.3170	1.4510	2.8060	1.2700	5.0415	2.1647	0.0000	5.8435	3.5029	2.0284	3.4574
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+04	E-02	E+02	E+00	E+05	E+04	E+04	E+03
8.8066	3.9251	7.2343	3.4131	2.6536	1.1747	2.8060	1.1510	6.2500	1.8625	1.0392	1.2782	3.5029	1.6903	2.2796
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+04	E-01	E+02	E+03	E-01	E+04	E+04	E+03
8.8066	3.3644	7.4532	3.4131	1.9902	2.4308	2.8060	1.0716	4.3372	1.8625	1.0095	6.3910	3.5029	1.3523	4.6555
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+04	E+00	E+02	E+03	E-02	E+04	E+04	E+03
8.8066	2.8037	6.9569	3.4131	1.3268	4.6495	2.8060	1.0319	1.6856	1.8625	8.6102	3.0442	3.5029	1.0142	7.7684
E+02	E+02	E+06	E+04	E+04	E+03	E+03	E+04	E+00	E+02	E+02	E+00	E+04	E+04	E+03
8.8066	2.2429	6.5102	3.4131	6.6341	1.1133	2.8060	9.9222	2.6882	1.8625	7.7194	6.3895	3.5029	6.7613	8.1547
E+02	E+02	E+06	E+04	E+03	E+04	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+03	E+03
8.8066	1.6822	8.2836	3.4131	0.0000	2.2261	2.8060	9.5253	1.9192	1.8625	7.1256	1.0607	3.5029	3.3806	2.9074
E+02	E+02	E+06	E+04	E+00	E+04	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+03	E+04
8.8066	1.1215	1.4219	2.6919	1.4595	6.2500	2.8060	9.1284	2.1215	1.8625	6.8287	1.6880	3.5029	0.0000	2.5127
E+02	E+02	E+07	E+04	E+05	E-01	E+03	E+03	E-01	E+02	E+02	E-01	E+04	E+00	E+05
8.8066	5.6073	2.8604	2.6919	1.3932	6.8713	2.8060	8.7315	9.4564	1.8625	6.2349	2.2454	3.1385	1.0480	4.0501
E+02	E+01	E+07	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+05	E-01

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.8066	0.0000	3.1807	2.6919	1.3268	3.5606	2.8060	8.3346	3.7713	1.8625	5.9380	3.9032	3.1385	9.8039	2.5639
E+02	E+00	E+07	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+00
8.1801	1.8504	3.4347	2.6919	1.2605	5.8106	2.8060	7.9377	2.5220	1.8625	5.6411	3.4779	3.1385	9.4658	6.8891
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E-01
8.1801	1.7943	9.4896	2.6919	1.1941	1.7500	2.8060	7.5409	4.9794	1.8625	5.3442	8.9972	3.1385	9.1277	8.7195
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E-01
8.1801	1.7383	1.1979	2.6919	1.1278	1.2682	2.8060	7.1440	5.8045	1.8625	5.0473	1.9137	3.1385	8.7897	2.1215
E+02	E+03	E+03	E+04	E+05	E+01	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E-01
8.1801	1.6822	2.2801	2.6919	1.0615	1.3871	2.8060	6.7471	2.8028	1.8625	4.7504	7.4917	3.1385	7.7755	5.5795
E+02	E+03	E+03	E+04	E+05	E+01	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+04	E+00
8.1801	1.6261	4.1988	2.6919	9.9511	5.1856	2.8060	6.3502	5.8362	1.8625	4.4535	3.0776	3.1385	7.4374	1.9172
E+02	E+03	E+03	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+01
8.1801	1.5700	8.9668	2.6919	9.2877	1.0307	2.8060	5.9533	1.5949	1.8625	4.1566	4.5630	3.1385	7.0994	1.8291
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+02
8.1801	1.5140	1.1619	2.6919	8.6243	2.6993	2.8060	5.5564	1.2498	1.8625	3.8597	2.5643	3.1385	6.7613	2.4167
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+02
8.1801	1.4579	2.6708	2.6919	7.9609	1.0108	2.8060	5.1595	4.3071	1.8625	3.5628	4.2785	3.1385	6.4232	8.2187
E+02	E+03	E+04	E+04	E+04	E+02	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+00
8.1801	1.4018	3.0315	2.6919	7.2975	1.0500	2.8060	4.7626	4.0107	1.8625	3.2659	3.5098	3.1385	6.0852	2.8557
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+01
8.1801	1.3458	4.3693	2.6919	6.6341	5.2032	2.8060	4.3658	3.2464	1.8625	2.9690	3.7622	3.1385	5.7471	1.7439
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+00
8.1801	1.2897	5.5715	2.6919	5.9707	8.1889	2.8060	3.9689	1.0695	1.8625	2.6721	4.6119	3.1385	5.4090	6.1928
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+02	E+02	E+04	E+04	E+01
8.1801	1.2336	9.3136	2.6919	5.3073	8.5704	2.8060	3.5720	5.2171	1.8625	2.3752	7.3048	3.1385	5.0710	2.8100
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+02
8.1801	1.1775	1.3744	2.6919	4.6439	7.9973	2.8060	3.1751	1.1642	1.8625	2.0783	6.9071	3.1385	4.7329	7.1909
E+02	E+03	E+05	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+02	E+02	E+04	E+04	E+02
8.1801	1.1215	1.9693	2.6919	3.9804	9.9350	2.8060	2.7782	1.7010	1.8625	1.7814	1.4663	3.1385	4.3948	5.4756
E+02	E+03	E+05	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+02
8.1801	1.0654	3.0194	2.6919	3.3170	1.8290	2.8060	2.3813	1.5757	1.8625	1.4845	3.2346	3.1385	4.0568	2.6874
E+02	E+03	E+05	E+04	E+04	E+02	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+02
8.1801	1.0093	3.7644	2.6919	2.6536	3.2498	2.8060	1.9844	1.4846	1.8625	1.1876	3.3198	3.1385	3.7187	1.9554
E+02	E+03	E+05	E+04	E+04	E+02	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+03
8.1801	9.5324	6.7215	2.6919	1.9902	4.8280	2.8060	1.5875	1.0773	1.8625	8.9071	1.1875	3.1385	3.3806	1.3492
E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+03	E+05	E+02	E+01	E+04	E+04	E+04	E+03
8.1801	8.9717	8.0574	2.6919	1.3268	5.5836	2.8060	1.1907	2.3365	1.8625	5.9380	8.5739	3.1385	3.0426	3.1434
E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+03	E+05	E+02	E+01	E+04	E+04	E+04	E+03
8.1801	8.4110	1.1624	2.6919	6.6341	4.1215	2.8060	7.9377	4.2725	1.8625	2.9690	5.6825	3.1385	2.7045	6.9929
E+02	E+02	E+06	E+04	E+03	E+04	E+03	E+02	E+05	E+02	E+01	E+05	E+04	E+04	E+03
8.1801	7.8502	1.3988	2.6919	0.0000	6.4345	2.8060	3.9689	1.1511	1.8625	0.0000	1.7009	3.1385	2.3665	8.3890
E+02	E+02	E+06	E+04	E+00	E+04	E+03	E+02	E+06	E+02	E+00	E+06	E+04	E+04	E+03
8.1801	7.2895	2.3671	1.9706	1.5258	6.2500	2.8060	0.0000	2.6709	1.5604	1.3064	6.8891	3.1385	2.0284	1.4062
E+02	E+02	E+06	E+04	E+05	E-01	E+03	E+00	E+06	E+02	E+03	E-01	E+04	E+04	E+04
8.1801	6.7288	3.0186	1.9706	1.4595	5.0415	2.3112	1.9051	8.9360	1.5604	1.1876	1.2500	3.1385	1.6903	1.4807
E+02	E+02	E+06	E+04	E+05	E-02	E+03	E+04	E+00	E+02	E+03	E+00	E+04	E+04	E+04
8.1801	6.1681	3.6217	1.9706	1.2605	1.0500	2.3112	1.2700	1.7500	1.5604	1.0392	6.2500	3.1385	1.3523	2.1036
E+02	E+02	E+06	E+04	E+05	E+01	E+03	E+04	E+00	E+02	E+03	E-01	E+04	E+04	E+04
8.1801	5.6073	5.0402	1.9706	1.1941	4.1250	2.3112	1.2303	1.7500	1.5604	1.0095	4.0501	3.1385	1.0142	2.8799
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+04	E+00	E+02	E+03	E-01	E+04	E+04	E+04
8.1801	5.0466	6.1847	1.9706	1.1278	4.0606	2.3112	1.0716	3.4428	1.5604	9.7978	2.5000	3.1385	6.7613	3.4308
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+04	E+02	E+02	E+02	E+00	E+04	E+03	E+04

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.1801	4.4859	6.9220	1.9706	1.0615	6.8713	2.3112	1.0319	5.0415	1.5604	9.5009	6.8642	3.1385	3.3806	6.9915
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+04	E-02	E+02	E+02	E+01	E+04	E+03	E+04
8.1801	3.9251	7.8034	1.9706	9.9511	4.0606	2.3112	9.9222	9.9401	1.5604	9.2040	3.9839	3.1385	0.0000	5.7947
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+00	E+05
8.1801	3.3644	8.5445	1.9706	9.2877	1.0996	2.3112	9.5253	1.2395	1.5604	8.9071	6.2500	2.7741	1.4537	6.8891
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E-01	E+04	E+05	E-01
8.1801	2.8037	7.9464	1.9706	8.6243	1.2654	2.3112	9.1284	1.1698	1.5604	8.6102	1.2848	2.7741	1.2508	6.5980
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+05	E-01
8.1801	2.2429	7.4115	1.9706	7.9609	2.9551	2.3112	8.7315	6.6566	1.5604	8.0163	6.2045	2.7741	1.1832	2.8958
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+05	E+00
8.1801	1.6822	9.3437	1.9706	7.2975	3.6639	2.3112	8.3346	1.4736	1.5604	7.7194	5.0384	2.7741	1.1494	1.7872
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+05	E+01
8.1801	1.1215	1.5787	1.9706	6.6341	8.3226	2.3112	7.9377	5.9503	1.5604	7.4225	2.1676	2.7741	1.1156	1.0607
E+02	E+02	E+07	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+05	E-01
8.1801	5.6073	3.3866	1.9706	5.9707	1.2749	2.3112	7.5409	8.5117	1.5604	7.1256	2.7623	2.7741	1.0818	1.3171
E+02	E+01	E+07	E+04	E+04	E+02	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+05	E+01
8.1801	0.0000	3.5980	1.9706	5.3073	1.8882	2.3112	7.1440	5.2943	1.5604	6.8287	1.6260	2.7741	1.0480	5.3090
E+02	E+00	E+07	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+05	E+00
7.5537	2.0747	7.0000	1.9706	4.6439	6.5800	2.3112	6.7471	1.0878	1.5604	6.5318	1.7817	2.7741	1.0142	1.4048
E+02	E+03	E+02	E+04	E+04	E+03	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+05	E+01
7.5537	2.0186	2.1000	1.9706	3.9804	2.3906	2.3112	6.3502	2.4244	1.5604	6.2349	3.3564	2.7741	9.8039	1.4126
E+02	E+03	E+03	E+04	E+04	E+02	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+01
7.5537	1.9626	7.0000	1.9706	3.3170	3.4242	2.3112	5.9533	3.9046	1.5604	5.9380	5.0664	2.7741	9.4658	9.0812
E+02	E+03	E+02	E+04	E+04	E+02	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+00
7.5537	1.9065	1.4000	1.9706	2.6536	1.1907	2.3112	5.5564	4.8726	1.5604	5.6411	1.7306	2.7741	9.1277	4.0501
E+02	E+03	E+03	E+04	E+04	E+03	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E-01
7.5537	1.8504	8.3321	1.9706	1.9902	5.7528	2.3112	5.1595	1.1155	1.5604	5.3442	7.2293	2.7741	8.7897	6.4734
E+02	E+03	E+02	E+04	E+04	E+03	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+00
7.5537	1.7943	5.3860	1.9706	1.3268	2.7787	2.3112	4.7626	1.1991	1.5604	5.0473	2.6129	2.7741	8.4516	4.6262
E+02	E+03	E+02	E+04	E+04	E+04	E+03	E+03	E+05	E+02	E+02	E+02	E+04	E+04	E+01
7.5537	1.7383	1.9685	1.9706	6.6341	6.9913	2.3112	4.3658	1.5243	1.5604	4.7504	4.6535	2.7741	8.1135	2.0972
E+02	E+03	E+03	E+04	E+03	E+04	E+03	E+03	E+05	E+02	E+02	E+02	E+04	E+04	E+01
7.5537	1.6822	6.8632	1.9706	0.0000	2.6442	2.3112	3.9689	2.1404	1.5604	4.4535	7.7416	2.7741	7.7755	2.9243
E+02	E+03	E+03	E+04	E+00	E+05	E+03	E+03	E+05	E+02	E+02	E+02	E+04	E+04	E+01
7.5537	1.6261	8.1646	1.2493	1.5258	6.2500	2.3112	3.5720	2.8620	1.5604	4.1566	7.6512	2.7741	7.4374	5.4389
E+02	E+03	E+03	E+04	E+05	E-01	E+03	E+03	E+05	E+02	E+02	E+02	E+04	E+04	E+01
7.5537	1.5700	1.3952	1.2493	1.4595	6.2500	2.3112	3.1751	3.3878	1.5604	3.8597	7.8348	2.7741	7.0994	2.7417
E+02	E+03	E+04	E+04	E+05	E-01	E+03	E+03	E+05	E+02	E+02	E+02	E+04	E+04	E+02
7.5537	1.5140	1.8282	1.2493	1.3932	6.2500	2.3112	2.7782	3.6114	1.5604	3.5628	7.7383	2.7741	6.7613	5.9526
E+02	E+03	E+04	E+04	E+05	E-01	E+03	E+03	E+05	E+02	E+02	E+02	E+04	E+04	E+01
7.5537	1.4579	2.4347	1.2493	1.3268	6.2500	2.3112	2.3813	5.0444	1.5604	3.2659	1.5175	2.7741	6.4232	4.2523
E+02	E+03	E+04	E+04	E+05	E-01	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+02
7.5537	1.4018	4.0094	1.2493	1.2605	1.8750	2.3112	1.9844	2.9413	1.5604	2.9690	2.0204	2.7741	6.0852	6.2353
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+02
7.5537	1.3458	6.3124	1.2493	1.1941	5.8106	2.3112	1.5875	3.3046	1.5604	2.6721	2.6812	2.7741	5.7471	5.6294
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+02
7.5537	1.2897	5.8005	1.2493	1.1278	4.4243	2.3112	1.1907	4.0188	1.5604	2.3752	4.1081	2.7741	5.4090	3.7264
E+02	E+03	E+04	E+04	E+05	E+01	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+02
7.5537	1.2336	1.2288	1.2493	1.0615	1.0532	2.3112	7.9377	7.6786	1.5604	2.0783	2.7873	2.7741	5.0710	9.7218
E+02	E+03	E+05	E+04	E+05	E+03	E+03	E+02	E+05	E+02	E+02	E+03	E+04	E+04	E+02
7.5537	1.1775	1.6828	1.2493	9.9511	1.0527	2.3112	3.9689	2.1687	1.5604	1.7814	2.1346	2.7741	4.7329	2.1724
E+02	E+03	E+05	E+04	E+04	E+03	E+03	E+02	E+06	E+02	E+02	E+03	E+04	E+04	E+03

Original Instruction: T05 0138-8633 VER 00
 Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
7.5537	1.1215	1.9786	1.2493	9.2877	1.2540	2.3112	0.0000	4.7786	1.5604	1.4845	5.7306	2.7741	4.3948	1.3358
E+02	E+03	E+05	E+04	E+04	E+01	E+03	E+00	E+06	E+02	E+02	E+03	E+04	E+04	E+03
7.5537	1.0654	2.8683	1.2493	8.6243	4.4635	1.8163	1.9447	8.9360	1.5604	1.1876	8.2567	2.7741	4.0568	1.6496
E+02	E+03	E+05	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+03	E+04	E+04	E+03
7.5537	1.0093	3.6688	1.2493	7.9609	6.6277	1.8163	1.7066	3.4118	1.5604	8.9071	3.0897	2.7741	3.7187	5.3377
E+02	E+03	E+05	E+04	E+04	E+01	E+03	E+04	E+01	E+02	E+01	E+04	E+04	E+04	E+03
7.5537	9.5324	5.9558	1.2493	7.2975	1.1698	1.8163	1.5082	1.1942	1.5604	5.9380	2.2876	2.7741	3.3806	4.2208
E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+04	E+02	E+02	E+01	E+05	E+04	E+04	E+03
7.5537	8.9717	7.1381	1.2493	6.6341	1.1188	1.8163	1.4685	1.0651	1.5604	2.9690	1.7328	2.7741	3.0426	1.0156
E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+04	E+01	E+02	E+01	E+06	E+04	E+04	E+04
7.5537	8.4110	9.8174	1.2493	5.9707	6.4388	1.8163	1.4288	1.2385	1.5604	0.0000	4.3277	2.7741	2.7045	2.1459
E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+04	E+02	E+02	E+00	E+06	E+04	E+04	E+04
7.5537	7.8502	1.2698	1.2493	5.3073	1.4169	1.8163	1.2700	1.0702	1.2582	1.2470	8.9360	2.7741	2.3665	2.4028
E+02	E+02	E+06	E+04	E+04	E+03	E+03	E+04	E+01	E+02	E+03	E+00	E+04	E+04	E+04
7.5537	7.2895	1.7911	1.2493	4.6439	7.0066	1.8163	1.2303	2.7898	1.2582	1.1876	2.4301	2.7741	2.0284	4.1324
E+02	E+02	E+06	E+04	E+04	E+03	E+03	E+04	E+00	E+02	E+03	E-03	E+04	E+04	E+04
7.5537	6.7288	2.2468	1.2493	3.9804	1.7891	1.8163	1.1907	5.0415	1.2582	1.0985	1.1159	2.7741	1.6903	6.8901
E+02	E+02	E+06	E+04	E+04	E+04	E+03	E+04	E-02	E+02	E+03	E+01	E+04	E+04	E+04
7.5537	6.1681	3.1644	1.2493	3.3170	1.2604	1.8163	1.1510	6.0117	1.2582	1.0688	2.9041	2.7741	1.3523	9.2571
E+02	E+02	E+06	E+04	E+04	E+04	E+03	E+04	E+02	E+02	E+03	E+00	E+04	E+04	E+04
7.5537	5.6073	3.8806	1.2493	2.6536	1.5565	1.8163	1.1113	6.4753	1.2582	1.0392	2.0372	2.7741	1.0142	1.0820
E+02	E+02	E+06	E+04	E+04	E+04	E+03	E+04	E+01	E+02	E+03	E+01	E+04	E+04	E+05
7.5537	5.0466	5.0817	1.2493	1.9902	2.4929	1.8163	1.0716	8.2090	1.2582	9.7978	1.9794	2.7741	6.7613	1.2633
E+02	E+02	E+06	E+04	E+04	E+04	E+03	E+04	E+02	E+02	E+02	E+00	E+04	E+03	E+05
7.5537	4.4859	5.9778	1.2493	1.3268	5.9618	1.8163	1.0319	5.5794	1.2582	9.5009	5.6982	2.7741	3.3806	2.0676
E+02	E+02	E+06	E+04	E+04	E+04	E+03	E+04	E+01	E+02	E+02	E+00	E+04	E+03	E+05
7.5537	3.9251	6.7584	1.2493	6.6341	2.9450	1.8163	9.9222	9.4279	1.2582	9.2040	4.4281	2.7741	0.0000	1.7648
E+02	E+02	E+06	E+04	E+03	E+05	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+00	E+06
7.5537	3.3644	7.0100	1.2493	0.0000	2.0888	1.8163	9.5253	1.8830	1.2582	8.9071	8.2495	2.4097	1.2846	1.3196
E+02	E+02	E+06	E+04	E+00	E+06	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+05	E+00
7.5537	2.8037	6.7403	5.2803	1.4595	6.2500	1.8163	9.1284	2.6102	1.2582	8.6102	2.2057	2.4097	1.2508	7.1221
E+02	E+02	E+06	E+03	E+05	E-01	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+05	E+00
7.5537	2.2429	6.5012	5.2803	1.3932	1.6856	1.8163	8.7315	3.8387	1.2582	8.3133	3.8849	2.4097	1.2170	3.6901
E+02	E+02	E+06	E+03	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+05	E+00
7.5537	1.6822	8.0417	5.2803	1.3268	1.7865	1.8163	8.3346	4.9505	1.2582	8.0163	8.2187	2.4097	1.1832	1.8307
E+02	E+02	E+06	E+03	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+05	E+00
7.5537	1.1215	1.4958	5.2803	1.1941	6.1615	1.8163	7.9377	5.7484	1.2582	7.7194	2.7519	2.4097	1.1494	1.0648
E+02	E+02	E+07	E+03	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+05	E+00
7.5537	5.6073	3.3938	5.2803	1.1278	2.1041	1.8163	7.5409	1.2231	1.2582	7.4225	1.7198	2.4097	1.1156	5.6367
E+02	E+01	E+07	E+03	E+05	E+03	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+05	E+00
7.5537	0.0000	3.8202	5.2803	1.0615	2.8068	1.8163	7.1440	2.2997	1.2582	7.1256	2.2745	2.4097	1.0818	2.3889
E+02	E+00	E+07	E+03	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+05	E+01
6.9273	2.0747	3.4347	5.2803	9.9511	3.6872	1.8163	6.7471	4.0033	1.2582	6.8287	4.6067	2.4097	1.0480	1.3201
E+02	E+03	E+02	E+03	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+05	E+02
6.9273	1.9626	3.2792	5.2803	9.2877	2.1190	1.8163	6.3502	4.6558	1.2582	6.5318	5.7791	2.4097	1.0142	1.8294
E+02	E+03	E+02	E+03	E+04	E+03	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+05	E+02
6.9273	1.9065	3.2833	5.2803	8.6243	7.3743	1.8163	5.9533	7.0174	1.2582	6.2349	3.3571	2.4097	9.8039	1.6383
E+02	E+03	E+02	E+03	E+04	E+03	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+02
6.9273	1.8504	1.7693	5.2803	7.9609	6.3760	1.8163	5.5564	1.1843	1.2582	5.9380	9.0661	2.4097	9.4658	2.9767
E+02	E+03	E+03	E+03	E+04	E+03	E+03	E+03	E+05	E+02	E+02	E+02	E+04	E+04	E+01
6.9273	1.7943	2.0704	5.2803	7.2975	6.3617	1.8163	5.1595	1.4289	1.2582	5.6411	9.7664	2.4097	9.1277	8.0031
E+02	E+03	E+03	E+03	E+04	E+03	E+03	E+03	E+05	E+02	E+02	E+02	E+04	E+04	E+01

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.9273 E+02	1.7383 E+03	3.5725 E+03	5.2803 E+03	6.6341 E+04	1.3973 E+04	1.8163 E+03	4.7626 E+03	2.2436 E+05	1.2582 E+02	5.3442 E+02	2.1985 E+03	2.4097 E+04	8.7897 E+04	1.9462 E+02
6.9273 E+02	1.6822 E+03	3.6133 E+03	5.2803 E+03	5.9707 E+04	1.7907 E+04	1.8163 E+03	4.3658 E+03	2.7091 E+05	1.2582 E+02	5.0473 E+02	1.6813 E+03	2.4097 E+04	8.4516 E+04	3.4659 E+02
6.9273 E+02	1.6261 E+03	8.1151 E+03	5.2803 E+03	5.3073 E+04	3.1359 E+04	1.8163 E+03	3.9689 E+03	3.6297 E+05	1.2582 E+02	4.7504 E+02	2.2596 E+03	2.4097 E+04	8.1135 E+04	7.6715 E+02
6.9273 E+02	1.5700 E+03	1.0475 E+04	5.2803 E+03	4.6439 E+04	5.5348 E+04	1.8163 E+03	3.5720 E+03	4.6736 E+05	1.2582 E+02	4.4535 E+02	2.8626 E+03	2.4097 E+04	7.7755 E+04	7.5977 E+02
6.9273 E+02	1.5140 E+03	9.5028 E+03	5.2803 E+03	3.9804 E+04	8.4831 E+04	1.8163 E+03	3.1751 E+03	5.9321 E+05	1.2582 E+02	4.1566 E+02	5.1563 E+03	2.4097 E+04	7.4374 E+04	5.4941 E+02
6.9273 E+02	1.4579 E+03	1.7759 E+04	5.2803 E+03	3.3170 E+04	1.6021 E+05	1.8163 E+03	2.7782 E+03	6.7462 E+05	1.2582 E+02	3.8597 E+02	8.0977 E+03	2.4097 E+04	7.0994 E+04	9.1567 E+02
6.9273 E+02	1.4018 E+03	2.1097 E+04	5.2803 E+03	2.6536 E+04	4.2642 E+05	1.8163 E+03	2.3813 E+03	8.4680 E+05	1.2582 E+02	3.5628 E+02	1.0555 E+04	2.4097 E+04	6.7613 E+04	5.9783 E+02
6.9273 E+02	1.3458 E+03	3.7090 E+04	5.2803 E+03	1.9902 E+04	1.1639 E+06	1.8163 E+03	1.9844 E+03	7.8649 E+05	1.2582 E+02	3.2659 E+02	1.4699 E+04	2.4097 E+04	6.4232 E+04	1.5064 E+03
6.9273 E+02	1.2897 E+03	5.6395 E+04	5.2803 E+03	1.3268 E+04	2.7012 E+06	1.8163 E+03	1.5875 E+03	6.2026 E+05	1.2582 E+02	2.9690 E+02	9.5799 E+03	2.4097 E+04	6.0852 E+04	1.5540 E+03
6.9273 E+02	1.2336 E+03	8.2181 E+04	5.2803 E+03	6.6341 E+03	6.1683 E+06	1.8163 E+03	1.1907 E+03	7.4060 E+05	1.2582 E+02	2.6721 E+02	1.3301 E+04	2.4097 E+04	5.7471 E+04	1.2317 E+03
6.9273 E+02	1.1775 E+03	1.0258 E+05	5.2803 E+03	0.0000 E+00	1.8860 E+07	1.8163 E+03	7.9377 E+02	1.4134 E+06	1.2582 E+02	2.3752 E+02	1.3827 E+04	2.4097 E+04	5.4090 E+04	2.8684 E+03
6.9273 E+02	1.1215 E+03	1.6876 E+05	- 1.9325 E+03	1.7912 E+05	5.0415 E-02	1.8163 E+03	3.9689 E+02	3.7163 E+06	1.2582 E+02	2.0783 E+02	2.1646 E+04	2.4097 E+04	5.0710 E+04	3.7569 E+03
6.9273 E+02	1.0654 E+03	2.3831 E+05	- 1.9325 E+03	1.6585 E+05	5.0415 E-02	1.8163 E+03	0.0000 E+00	8.9741 E+06	1.2582 E+02	1.7814 E+02	3.6648 E+04	2.4097 E+04	4.7329 E+04	4.8763 E+03
6.9273 E+02	1.0093 E+03	3.3638 E+05	- 1.9325 E+03	1.5258 E+05	5.0415 E-02	1.3214 E+03	1.7463 E+04	3.4118 E+01	1.2582 E+02	1.4845 E+02	2.8468 E+04	2.4097 E+04	4.3948 E+04	6.3708 E+03
6.9273 E+02	9.5324 E+02	4.6537 E+05	- 1.9325 E+03	1.4595 E+05	1.6856 E+00	1.3214 E+03	1.5875 E+04	1.1942 E+02	1.2582 E+02	1.1876 E+02	3.9177 E+04	2.4097 E+04	4.0568 E+04	1.0430 E+04
6.9273 E+02	8.9717 E+02	6.3901 E+05	- 1.9325 E+03	1.3932 E+05	1.7361 E+00	1.3214 E+03	1.4288 E+04	4.0398 E+00	1.2582 E+02	8.9071 E+01	8.9140 E+04	2.4097 E+04	3.7187 E+04	1.3030 E+04
6.9273 E+02	8.4110 E+02	9.3174 E+05	- 1.9325 E+03	1.2605 E+05	8.2666 E-01	1.3214 E+03	1.3891 E+04	1.9122 E+01	1.2582 E+02	5.9380 E+01	6.7685 E+05	2.4097 E+04	3.3806 E+04	2.2579 E+04
6.9273 E+02	7.8502 E+02	1.0596 E+06	- 1.9325 E+03	1.1941 E+05	3.5225 E+00	1.3214 E+03	1.3494 E+04	3.1790 E+00	1.2582 E+02	2.9690 E+01	4.9488 E+06	2.4097 E+04	3.0426 E+04	2.4302 E+04
6.9273 E+02	7.2895 E+02	1.6681 E+06	- 1.9325 E+03	1.1278 E+05	4.0485 E+01	1.3214 E+03	1.3097 E+04	2.3829 E+02	1.2582 E+02	0.0000 E+00	1.1532 E+07	2.4097 E+04	2.7045 E+04	5.7533 E+04
6.9273 E+02	6.7288 E+02	1.9981 E+06	- 1.9325 E+03	1.0615 E+05	3.4543 E+01	1.3214 E+03	1.2700 E+04	2.3715 E+02	9.5604 E+01	1.3361 E+03	8.9360 E+00	2.4097 E+04	2.3665 E+04	7.9278 E+04
6.9273 E+02	6.1681 E+02	2.7681 E+06	- 1.9325 E+03	9.9511 E+04	6.0365 E+00	1.3214 E+03	1.2303 E+04	3.3804 E+02	9.5604 E+01	1.2173 E+03	2.7898 E+00	2.4097 E+04	2.0284 E+04	1.3749 E+05

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.9273 E+02	5.6073 E+02	3.4025 E+06	- 1.9325 E+03	9.2877 E+04	2.1301 E+03	1.3214 E+03	1.1907 E+04	5.6615 E+02	9.5604 E+01	1.1876 E+03	8.9999 E+00	2.4097 E+04	1.6903 E+04	2.1431 E+05
6.9273 E+02	5.0466 E+02	3.8099 E+06	- 1.9325 E+03	8.6243 E+04	4.5559 E+01	1.3214 E+03	1.1510 E+04	4.7359 E+02	9.5604 E+01	1.1579 E+03	1.0300 E+00	2.4097 E+04	1.3523 E+04	2.9497 E+05
6.9273 E+02	4.4859 E+02	4.5116 E+06	- 1.9325 E+03	7.9609 E+04	8.5297 E+03	1.3214 E+03	1.1113 E+04	1.0083 E-01	9.5604 E+01	1.1282 E+03	3.4118 E+01	2.4097 E+04	1.0142 E+04	4.1650 E+05
6.9273 E+02	3.9251 E+02	5.1097 E+06	- 1.9325 E+03	7.2975 E+04	1.1734 E+04	1.3214 E+03	1.0716 E+04	4.6734 E+00	9.5604 E+01	1.0985 E+03	9.2554 E+00	2.4097 E+04	6.7613 E+03	4.8839 E+05
6.9273 E+02	3.3644 E+02	5.5004 E+06	- 1.9325 E+03	6.6341 E+04	2.2960 E+04	1.3214 E+03	1.0319 E+04	3.2218 E+03	9.5604 E+01	1.0688 E+03	3.5774 E+00	2.4097 E+04	3.3806 E+03	6.5635 E+05
6.9273 E+02	2.8037 E+02	5.5746 E+06	- 1.9325 E+03	5.9707 E+04	3.1453 E+04	1.3214 E+03	9.9222 E+03	5.8882 E+02	9.5604 E+01	1.0392 E+03	2.2730 E+02	2.4097 E+04	0.0000 E+00	4.6914 E+06
6.9273 E+02	2.2429 E+02	5.1000 E+06	- 1.9325 E+03	5.3073 E+04	9.7723 E+04	1.3214 E+03	9.5253 E+03	2.8268 E+03	9.5604 E+01	1.0095 E+03	1.3442 E+02	2.0453 E+04	1.5889 E+05	6.3910 E-02
6.9273 E+02	1.6822 E+02	6.2128 E+06	- 1.9325 E+03	4.6439 E+04	1.8835 E+05	1.3214 E+03	9.1284 E+03	1.5761 E+03	9.5604 E+01	9.7978 E+02	2.1622 E+02	2.0453 E+04	1.4875 E+05	1.2782 E-01
6.9273 E+02	1.1215 E+02	1.2027 E+07	- 1.9325 E+03	3.9804 E+04	3.0331 E+05	1.3214 E+03	8.7315 E+03	1.0785 E+04	9.5604 E+01	9.5009 E+02	9.9869 E+01	2.0453 E+04	1.4537 E+05	1.0851 E-01
6.9273 E+02	5.6073 E+01	2.9608 E+07	- 1.9325 E+03	3.3170 E+04	3.7520 E+05	1.3214 E+03	8.3346 E+03	1.9117 E+04	9.5604 E+01	9.2040 E+02	3.9648 E+02	2.0453 E+04	1.4199 E+05	2.1215 E-01
6.9273 E+02	0.0000 E+00	3.5491 E+07	- 1.9325 E+03	2.6536 E+04	5.1861 E+05	1.3214 E+03	7.9377 E+03	1.0317 E+04	9.5604 E+01	8.9071 E+02	1.1917 E+02	2.0453 E+04	1.3861 E+05	6.5980 E-01
6.3009 E+02	2.1308 E+03	6.1925 E+01	- 1.9325 E+03	1.9902 E+04	6.9207 E+05	1.3214 E+03	7.5409 E+03	3.3346 E+04	9.5604 E+01	8.6102 E+02	2.6830 E+02	2.0453 E+04	1.3185 E+05	1.0607 E-01
6.3009 E+02	2.0747 E+03	1.9246 E+02	- 1.9325 E+03	1.3268 E+04	9.4883 E+05	1.3214 E+03	7.1440 E+03	1.9620 E+04	9.5604 E+01	8.3133 E+02	8.6258 E+02	2.0453 E+04	1.2846 E+05	9.9457 E+00
6.3009 E+02	2.0186 E+03	5.3278 E+01	- 1.9325 E+03	6.6341 E+03	1.6503 E+06	1.3214 E+03	6.7471 E+03	6.3085 E+04	9.5604 E+01	8.0163 E+02	9.3138 E+02	2.0453 E+04	1.2508 E+05	8.1856 E+00
6.3009 E+02	1.9626 E+03	7.6171 E+02	- 1.9325 E+03	0.0000 E+00	6.3204 E+06	1.3214 E+03	6.3502 E+03	9.2997 E+04	9.5604 E+01	7.7194 E+02	9.3882 E+02	2.0453 E+04	1.2170 E+05	3.5611 E+00
6.3009 E+02	1.9065 E+03	2.0512 E+02	- 9.1453 E+03	2.4546 E+05	6.2500 E-01	1.3214 E+03	5.9533 E+03	1.2529 E+05	9.5604 E+01	7.4225 E+02	1.0311 E+03	2.0453 E+04	1.1832 E+05	2.9182 E+01
6.3009 E+02	1.8504 E+03	1.6379 E+03	- 9.1453 E+03	1.9239 E+05	5.0415 E-02	1.3214 E+03	5.5564 E+03	1.8483 E+05	9.5604 E+01	7.1256 E+02	1.3942 E+03	2.0453 E+04	1.1494 E+05	2.1041 E+01
6.3009 E+02	1.7943 E+03	1.7383 E+03	- 9.1453 E+03	1.8575 E+05	1.0083 E-01	1.3214 E+03	5.1595 E+03	1.8082 E+05	9.5604 E+01	6.8287 E+02	1.8745 E+03	2.0453 E+04	1.1156 E+05	3.5206 E+01

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.3009 E+02	1.7383 E+03	1.6052 E+03	- 9.1453 E+03	1.7912 E+05	5.0415 E-02	1.3214 E+03	4.7626 E+03	4.0024 E+05	9.5604 E+01	6.5318 E+02	2.1014 E+03	2.0453 E+04	1.0818 E+05	7.8611 E+01
6.3009 E+02	1.6822 E+03	2.4887 E+03	- 9.1453 E+03	1.7249 E+05	1.7865 E+00	1.3214 E+03	4.3658 E+03	4.5646 E+05	9.5604 E+01	6.2349 E+02	4.8729 E+03	2.0453 E+04	1.0480 E+05	1.6358 E+02
6.3009 E+02	1.6261 E+03	1.6237 E+03	- 9.1453 E+03	1.5922 E+05	1.7361 E+00	1.3214 E+03	3.9689 E+03	5.8405 E+05	9.5604 E+01	5.9380 E+02	3.5967 E+03	2.0453 E+04	1.0142 E+05	3.9951 E+02
6.3009 E+02	1.5700 E+03	4.2759 E+03	- 9.1453 E+03	1.5258 E+05	5.0415 E-02	1.3214 E+03	3.5720 E+03	8.9709 E+05	9.5604 E+01	5.6411 E+02	3.9573 E+03	2.0453 E+04	9.8039 E+04	3.3682 E+02
6.3009 E+02	1.5140 E+03	9.3382 E+03	- 9.1453 E+03	1.3932 E+05	5.0415 E-02	1.3214 E+03	3.1751 E+03	1.1462 E+06	9.5604 E+01	5.3442 E+02	5.9277 E+03	2.0453 E+04	9.4658 E+04	3.7075 E+02
6.3009 E+02	1.4579 E+03	1.1665 E+04	- 9.1453 E+03	1.3268 E+05	2.7521 E+00	1.3214 E+03	2.7782 E+03	1.3782 E+06	9.5604 E+01	5.0473 E+02	7.9413 E+03	2.0453 E+04	9.1277 E+04	1.3025 E+03
6.3009 E+02	1.4018 E+03	1.2334 E+04	- 9.1453 E+03	1.2605 E+05	1.0590 E+02	1.3214 E+03	2.3813 E+03	1.3930 E+06	9.5604 E+01	4.7504 E+02	1.0521 E+04	2.0453 E+04	8.7897 E+04	7.5166 E+02
6.3009 E+02	1.3458 E+03	2.1534 E+04	- 9.1453 E+03	1.1941 E+05	2.2412 E+02	1.3214 E+03	1.9844 E+03	1.6177 E+06	9.5604 E+01	4.4535 E+02	1.2058 E+04	2.0453 E+04	8.4516 E+04	1.2025 E+03
6.3009 E+02	1.2897 E+03	3.8908 E+04	- 9.1453 E+03	1.1278 E+05	3.4866 E+02	1.3214 E+03	1.5875 E+03	1.8159 E+06	9.5604 E+01	4.1566 E+02	3.1723 E+04	2.0453 E+04	8.1135 E+04	1.1098 E+03
6.3009 E+02	1.2336 E+03	5.1402 E+04	- 9.1453 E+03	1.0615 E+05	3.1680 E+02	1.3214 E+03	1.1907 E+03	1.7195 E+06	9.5604 E+01	3.8597 E+02	2.9170 E+04	2.0453 E+04	7.7755 E+04	1.3181 E+03
6.3009 E+02	1.1775 E+03	8.3180 E+04	- 9.1453 E+03	9.9511 E+04	2.2029 E+02	1.3214 E+03	7.9377 E+02	2.5775 E+06	9.5604 E+01	3.5628 E+02	6.0654 E+04	2.0453 E+04	7.4374 E+04	2.4099 E+03
6.3009 E+02	1.1215 E+03	1.3222 E+05	- 9.1453 E+03	9.2877 E+04	4.6690 E+03	1.3214 E+03	3.9689 E+02	6.7834 E+06	9.5604 E+01	3.2659 E+02	4.7755 E+04	2.0453 E+04	7.0994 E+04	2.9744 E+03
6.3009 E+02	1.0654 E+03	1.7431 E+05	- 9.1453 E+03	8.6243 E+04	4.6771 E+03	1.3214 E+03	0.0000 E+00	1.5864 E+07	9.5604 E+01	2.9690 E+02	8.4303 E+04	2.0453 E+04	6.7613 E+04	3.3248 E+03
6.3009 E+02	1.0093 E+03	2.7208 E+05	- 9.1453 E+03	7.9609 E+04	7.5905 E+03	8.2658 E+02	1.6669 E+04	5.5795 E+00	9.5604 E+01	2.6721 E+02	1.0202 E+05	2.0453 E+04	6.4232 E+04	5.0060 E+03
6.3009 E+02	9.5324 E+02	3.5295 E+05	- 9.1453 E+03	7.2975 E+04	1.1165 E+04	8.2658 E+02	1.6272 E+04	9.1610 E-01	9.5604 E+01	2.3752 E+02	1.5039 E+05	2.0453 E+04	6.0852 E+04	6.7880 E+03
6.3009 E+02	8.9717 E+02	5.0674 E+05	- 9.1453 E+03	6.6341 E+04	2.0602 E+04	8.2658 E+02	1.5875 E+04	6.1925 E+01	9.5604 E+01	2.0783 E+02	1.5888 E+05	2.0453 E+04	5.7471 E+04	8.8520 E+03
6.3009 E+02	8.4110 E+02	7.5593 E+05	- 9.1453 E+03	5.9707 E+04	3.3549 E+04	8.2658 E+02	1.5479 E+04	8.9360 E+00	9.5604 E+01	1.7814 E+02	1.8072 E+05	2.0453 E+04	5.4090 E+04	1.2817 E+04
6.3009 E+02	7.8502 E+02	1.0327 E+06	- 9.1453 E+03	5.3073 E+04	1.2054 E+05	8.2658 E+02	1.4685 E+04	6.5980 E-01	9.5604 E+01	1.4845 E+02	2.2489 E+05	2.0453 E+04	5.0710 E+04	1.2986 E+04

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.3009 E+02	7.2895 E+02	1.2597 E+06	- 9.1453 E+03	4.6439 E+04	1.9762 E+05	8.2658 E+02	1.4288 E+04	1.2394 E+02	9.5604 E+01	1.1876 E+02	2.8246 E+05	2.0453 E+04	4.7329 E+04	2.5153 E+04
6.3009 E+02	6.7288 E+02	1.7569 E+06	- 9.1453 E+03	3.9804 E+04	3.6265 E+05	8.2658 E+02	1.3891 E+04	6.9973 E+01	9.5604 E+01	8.9071 E+01	4.2320 E+05	2.0453 E+04	4.3948 E+04	2.4257 E+04
6.3009 E+02	6.1681 E+02	2.0362 E+06	- 9.1453 E+03	3.3170 E+04	5.8168 E+05	8.2658 E+02	1.3494 E+04	1.1057 E+01	9.5604 E+01	5.9380 E+01	1.8481 E+06	2.0453 E+04	4.0568 E+04	4.9022 E+04
6.3009 E+02	5.6073 E+02	2.6212 E+06	- 9.1453 E+03	2.6536 E+04	8.8222 E+05	8.2658 E+02	1.3097 E+04	8.5109 E+01	9.5604 E+01	2.9690 E+01	1.4898 E+07	2.0453 E+04	3.7187 E+04	4.6108 E+04
6.3009 E+02	5.0466 E+02	3.2842 E+06	- 9.1453 E+03	1.9902 E+04	1.3043 E+06	8.2658 E+02	1.2700 E+04	2.3482 E+02	9.5604 E+01	0.0000 E+00	3.1088 E+07	2.0453 E+04	3.3806 E+04	7.5548 E+04
6.3009 E+02	4.4859 E+02	3.7751 E+06	- 9.1453 E+03	1.3268 E+04	1.6042 E+06	8.2658 E+02	1.2303 E+04	8.6728 E+01	6.5388 E+01	1.4845 E+03	1.2782 E-01	2.0453 E+04	3.0426 E+04	1.2698 E+05
6.3009 E+02	3.9251 E+02	4.1980 E+06	- 9.1453 E+03	6.6341 E+03	2.3923 E+06	8.2658 E+02	1.1907 E+04	7.8971 E+00	6.5388 E+01	1.4251 E+03	6.2500 E-01	2.0453 E+04	2.7045 E+04	1.7406 E+05
6.3009 E+02	3.3644 E+02	4.7948 E+06	- 9.1453 E+03	0.0000 E+00	5.1569 E+06	8.2658 E+02	1.1510 E+04	9.2149 E+02	6.5388 E+01	1.3361 E+03	2.7898 E+00	2.0453 E+04	2.3665 E+04	3.0045 E+05
6.3009 E+02	2.8037 E+02	4.6981 E+06	- 1.6358 E+04	3.0517 E+05	1.6856 E+00	8.2658 E+02	1.1113 E+04	4.9721 E+02	6.5388 E+01	1.3064 E+03	2.7898 E+00	2.0453 E+04	2.0284 E+04	4.5937 E+05
6.3009 E+02	2.2429 E+02	4.4173 E+06	- 1.6358 E+04	2.9190 E+05	1.6856 E+00	8.2658 E+02	1.0716 E+04	2.5853 E+03	6.5388 E+01	1.2767 E+03	6.6223 E-01	2.0453 E+04	1.6903 E+04	7.3698 E+05
6.3009 E+02	1.6822 E+02	5.3390 E+06	- 1.6358 E+04	2.7863 E+05	3.4356 E+00	8.2658 E+02	1.0319 E+04	4.7951 E+03	6.5388 E+01	1.2470 E+03	8.9999 E+00	2.0453 E+04	1.3523 E+04	1.0265 E+06
6.3009 E+02	1.1215 E+02	9.8024 E+06	- 1.6358 E+04	2.1892 E+05	6.2500 E-01	8.2658 E+02	9.9222 E+03	5.0659 E+03	6.5388 E+01	1.2173 E+03	5.5795 E+00	2.0453 E+04	1.0142 E+04	1.3195 E+06
6.3009 E+02	5.6073 E+01	2.5389 E+07	- 1.6358 E+04	1.9902 E+05	5.0415 E-02	8.2658 E+02	9.5253 E+03	1.0122 E+04	6.5388 E+01	1.1876 E+03	3.6823 E+00	2.0453 E+04	6.7613 E+03	1.7432 E+06
6.3009 E+02	0.0000 E+00	3.2624 E+07	- 1.6358 E+04	1.7912 E+05	1.0083 E-01	8.2658 E+02	9.1284 E+03	1.5268 E+04	6.5388 E+01	1.1579 E+03	6.9607 E+01	2.0453 E+04	3.3806 E+03	2.0287 E+06
5.6744 E+02	2.4111 E+03	8.3693 E+00	- 1.6358 E+04	1.6585 E+05	2.5000 E+00	8.2658 E+02	8.7315 E+03	3.0007 E+04	6.5388 E+01	1.1282 E+03	1.9118 E+02	2.0453 E+04	0.0000 E+00	1.2668 E+07
5.6744 E+02	2.3551 E+03	5.5795 E+00	- 1.6358 E+04	1.5922 E+05	1.5124 E-01	8.2658 E+02	8.3346 E+03	1.6988 E+04	6.5388 E+01	1.0985 E+03	2.0473 E+02	1.6809 E+04	1.6903 E+05	6.2500 E-01
5.6744 E+02	2.2429 E+03	3.4148 E+00	- 1.6358 E+04	1.4595 E+05	1.3172 E+01	8.2658 E+02	7.9377 E+03	3.9633 E+04	6.5388 E+01	1.0688 E+03	1.7658 E+02	1.6809 E+04	1.4199 E+05	3.8213 E+00
5.6744 E+02	2.1869 E+03	5.7602 E+00	- 1.6358 E+04	1.3932 E+05	2.3828 E+01	8.2658 E+02	7.5409 E+03	5.0951 E+04	6.5388 E+01	1.0392 E+03	3.8964 E+01	1.6809 E+04	1.3861 E+05	3.0019 E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.6744 E+02	2.1308 E+03	2.8701 E+01	- 1.6358 E+04	1.3268 E+05	1.9757 E+01	8.2658 E+02	7.1440 E+03	9.4867 E+04	6.5388 E+01	1.0095 E+03	4.2085 E+02	1.6809 E+04	1.3523 E+05	2.0855 E+00
5.6744 E+02	2.0747 E+03	1.2679 E+02	- 1.6358 E+04	1.2605 E+05	2.7399 E+02	8.2658 E+02	6.7471 E+03	1.1974 E+05	6.5388 E+01	9.7978 E+02	2.3474 E+02	1.6809 E+04	1.3185 E+05	2.1215 E-01
5.6744 E+02	2.0186 E+03	1.9782 E+02	- 1.6358 E+04	1.1941 E+05	1.5333 E+02	8.2658 E+02	6.3502 E+03	1.3918 E+05	6.5388 E+01	9.5009 E+02	3.9031 E+02	1.6809 E+04	1.2846 E+05	2.5639 E+00
5.6744 E+02	1.9626 E+03	1.3940 E+02	- 1.6358 E+04	1.1278 E+05	2.2610 E+03	8.2658 E+02	5.9533 E+03	2.0512 E+05	6.5388 E+01	9.2040 E+02	8.5135 E+02	1.6809 E+04	1.2508 E+05	5.1940 E+00
5.6744 E+02	1.9065 E+03	1.0089 E+02	- 1.6358 E+04	1.0615 E+05	2.2877 E+03	8.2658 E+02	5.5564 E+03	2.3685 E+05	6.5388 E+01	8.9071 E+02	1.2353 E+03	1.6809 E+04	1.2170 E+05	2.5660 E+00
5.6744 E+02	1.8504 E+03	1.0312 E+03	- 1.6358 E+04	9.9511 E+04	2.0263 E+03	8.2658 E+02	5.1595 E+03	3.2882 E+05	6.5388 E+01	8.6102 E+02	1.1193 E+03	1.6809 E+04	1.1832 E+05	8.0080 E+00
5.6744 E+02	1.7943 E+03	8.7528 E+02	- 1.6358 E+04	9.2877 E+04	1.5519 E+03	8.2658 E+02	4.7626 E+03	4.6198 E+05	6.5388 E+01	8.3133 E+02	1.9428 E+03	1.6809 E+04	1.1494 E+05	2.5231 E+01
5.6744 E+02	1.7383 E+03	1.1730 E+03	- 1.6358 E+04	8.6243 E+04	4.8507 E+03	8.2658 E+02	4.3658 E+03	5.4513 E+05	6.5388 E+01	8.0163 E+02	2.3868 E+03	1.6809 E+04	1.1156 E+05	6.4059 E+01
5.6744 E+02	1.6822 E+03	1.3884 E+03	- 1.6358 E+04	7.9609 E+04	1.3116 E+04	8.2658 E+02	3.9689 E+03	8.3443 E+05	6.5388 E+01	7.7194 E+02	4.0995 E+03	1.6809 E+04	1.0818 E+05	3.9068 E+02
5.6744 E+02	1.6261 E+03	4.3932 E+03	- 1.6358 E+04	7.2975 E+04	1.1953 E+04	8.2658 E+02	3.5720 E+03	1.1881 E+06	6.5388 E+01	7.4225 E+02	4.7377 E+03	1.6809 E+04	1.0480 E+05	4.3354 E+01
5.6744 E+02	1.5700 E+03	4.1526 E+03	- 1.6358 E+04	6.6341 E+04	3.0689 E+04	8.2658 E+02	3.1751 E+03	1.6424 E+06	6.5388 E+01	7.1256 E+02	4.4771 E+03	1.6809 E+04	1.0142 E+05	3.6040 E+02
5.6744 E+02	1.5140 E+03	1.0187 E+04	- 1.6358 E+04	5.9707 E+04	4.6168 E+04	8.2658 E+02	2.7782 E+03	2.0588 E+06	6.5388 E+01	6.8287 E+02	7.1899 E+03	1.6809 E+04	9.8039 E+04	2.3650 E+02
5.6744 E+02	1.4579 E+03	1.3728 E+04	- 1.6358 E+04	5.3073 E+04	1.6403 E+05	8.2658 E+02	2.3813 E+03	2.7493 E+06	6.5388 E+01	6.5318 E+02	1.0472 E+04	1.6809 E+04	9.4658 E+04	2.0583 E+02
5.6744 E+02	1.4018 E+03	2.4120 E+04	- 1.6358 E+04	4.6439 E+04	2.4116 E+05	8.2658 E+02	1.9844 E+03	2.8070 E+06	6.5388 E+01	6.2349 E+02	1.1376 E+04	1.6809 E+04	9.1277 E+04	5.6095 E+02
5.6744 E+02	1.3458 E+03	2.6826 E+04	- 1.6358 E+04	3.9804 E+04	4.6344 E+05	8.2658 E+02	1.5875 E+03	3.1097 E+06	6.5388 E+01	5.9380 E+02	1.7279 E+04	1.6809 E+04	8.7897 E+04	1.0507 E+03
5.6744 E+02	1.2897 E+03	3.2757 E+04	- 1.6358 E+04	3.3170 E+04	7.4812 E+05	8.2658 E+02	1.1907 E+03	3.2770 E+06	6.5388 E+01	5.6411 E+02	2.5141 E+04	1.6809 E+04	8.4516 E+04	1.5972 E+03
5.6744 E+02	1.2336 E+03	5.5701 E+04	- 1.6358 E+04	2.6536 E+04	1.2992 E+06	8.2658 E+02	7.9377 E+02	4.4783 E+06	6.5388 E+01	5.3442 E+02	4.3795 E+04	1.6809 E+04	8.1135 E+04	3.1696 E+03
5.6744 E+02	1.1775 E+03	8.6597 E+04	- 1.6358 E+04	1.9902 E+04	2.2307 E+06	8.2658 E+02	3.9689 E+02	1.1191 E+07	6.5388 E+01	5.0473 E+02	4.4357 E+04	1.6809 E+04	7.7755 E+04	2.6497 E+03

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.6744 E+02	1.1215 E+03	1.0337 E+05	- 1.6358 E+04	1.3268 E+04	3.6363 E+06	8.2658 E+02	0.0000 E+00	2.5993 E+07	6.5388 E+01	4.7504 E+02	7.5730 E+04	1.6809 E+04	7.4374 E+04	5.3605 E+03
5.6744 E+02	1.0654 E+03	1.5988 E+05	- 1.6358 E+04	6.6341 E+03	5.2690 E+06	3.3172 E+02	1.6669 E+04	1.0864 E+01	6.5388 E+01	4.4535 E+02	9.8434 E+04	1.6809 E+04	7.0994 E+04	7.0047 E+03
5.6744 E+02	1.0093 E+03	2.2387 E+05	- 1.6358 E+04	0.0000 E+00	8.1753 E+06	3.3172 E+02	1.6272 E+04	5.0267 E+01	6.5388 E+01	4.1566 E+02	1.2388 E+05	1.6809 E+04	6.7613 E+04	6.8991 E+03
5.6744 E+02	9.5324 E+02	2.7661 E+05	- 2.3571 E+04	3.2507 E+05	1.7500 E+00	3.3172 E+02	1.5875 E+04	2.2673 E+01	6.5388 E+01	3.8597 E+02	1.8974 E+05	1.6809 E+04	6.4232 E+04	1.3613 E+04
5.6744 E+02	8.9717 E+02	3.5749 E+05	- 2.3571 E+04	3.0517 E+05	1.6856 E+00	3.3172 E+02	1.5479 E+04	4.7179 E+01	6.5388 E+01	3.5628 E+02	2.8595 E+05	1.6809 E+04	6.0852 E+04	2.2650 E+04
5.6744 E+02	8.4110 E+02	5.2916 E+05	- 2.3571 E+04	2.9853 E+05	1.7500 E+00	3.3172 E+02	1.5082 E+04	4.2851 E+02	6.5388 E+01	3.2659 E+02	3.9526 E+05	1.6809 E+04	5.7471 E+04	2.4380 E+04
5.6744 E+02	7.8502 E+02	6.4419 E+05	- 2.3571 E+04	2.5873 E+05	1.7500 E+00	3.3172 E+02	1.4685 E+04	9.0953 E+01	6.5388 E+01	2.9690 E+02	4.6120 E+05	1.6809 E+04	5.4090 E+04	5.1388 E+04
5.6744 E+02	7.2895 E+02	9.0811 E+05	- 2.3571 E+04	2.5210 E+05	6.2500 E-01	3.3172 E+02	1.4288 E+04	7.7741 E+02	6.5388 E+01	2.6721 E+02	7.7184 E+05	1.6809 E+04	5.0710 E+04	7.3019 E+04
5.6744 E+02	6.7288 E+02	1.0331 E+06	- 2.3571 E+04	2.4546 E+05	1.7500 E+00	3.3172 E+02	1.3891 E+04	1.3187 E+03	6.5388 E+01	2.3752 E+02	9.1709 E+05	1.6809 E+04	4.7329 E+04	1.1758 E+05
5.6744 E+02	6.1681 E+02	1.3668 E+06	- 2.3571 E+04	2.3883 E+05	6.2500 E-01	3.3172 E+02	1.3494 E+04	1.4147 E+03	6.5388 E+01	2.0783 E+02	1.1448 E+06	1.6809 E+04	4.3948 E+04	1.4596 E+05
5.6744 E+02	5.6073 E+02	1.6439 E+06	- 2.3571 E+04	2.3219 E+05	1.2500 E+00	3.3172 E+02	1.3097 E+04	4.7868 E+02	6.5388 E+01	1.7814 E+02	1.4731 E+06	1.6809 E+04	4.0568 E+04	1.9059 E+05
5.6744 E+02	5.0466 E+02	2.1664 E+06	- 2.3571 E+04	2.1229 E+05	5.0415 E-02	3.3172 E+02	1.2700 E+04	3.6776 E+03	6.5388 E+01	1.4845 E+02	1.8095 E+06	1.6809 E+04	3.7187 E+04	2.8463 E+05
5.6744 E+02	4.4859 E+02	2.6498 E+06	- 2.3571 E+04	2.0566 E+05	5.0415 E-02	3.3172 E+02	1.2303 E+04	1.2333 E+03	6.5388 E+01	1.1876 E+02	1.7082 E+06	1.6809 E+04	3.3806 E+04	4.1113 E+05
5.6744 E+02	3.9251 E+02	3.0677 E+06	- 2.3571 E+04	1.9902 E+05	6.2500 E-01	3.3172 E+02	1.1907 E+04	1.7430 E+03	6.5388 E+01	8.9071 E+01	2.1382 E+06	1.6809 E+04	3.0426 E+04	5.5849 E+05
5.6744 E+02	3.3644 E+02	4.1448 E+06	- 2.3571 E+04	1.9239 E+05	6.2500 E-01	3.3172 E+02	1.1510 E+04	1.4400 E+04	6.5388 E+01	5.9380 E+01	6.5800 E+06	1.6809 E+04	2.7045 E+04	8.0532 E+05
5.6744 E+02	2.8037 E+02	4.6329 E+06	- 2.3571 E+04	1.8575 E+05	5.0415 E-02	3.3172 E+02	1.1113 E+04	1.3574 E+04	6.5388 E+01	2.9690 E+01	3.8568 E+07	1.6809 E+04	2.3665 E+04	1.0979 E+06
5.6744 E+02	2.2429 E+02	5.1346 E+06	- 2.3571 E+04	1.7912 E+05	5.0415 E-02	3.3172 E+02	1.0716 E+04	8.7044 E+03	6.5388 E+01	0.0000 E+00	7.1316 E+07	1.6809 E+04	2.0284 E+04	1.5696 E+06
5.6744 E+02	1.6822 E+02	5.3504 E+06	- 2.3571 E+04	1.7249 E+05	5.0415 E-02	3.3172 E+02	1.0319 E+04	6.4345 E+03	3.5171 E+01	1.4845 E+03	6.3910 E-02	1.6809 E+04	1.6903 E+04	2.3733 E+06

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.6744 E+02	1.1215 E+02	9.1984 E+06	- 2.3571 E+04	1.6585 E+05	2.5000 E+00	3.3172 E+02	9.9222 E+03	1.1073 E+04	3.5171 E+01	1.3064 E+03	4.6996 E+00	1.6809 E+04	1.3523 E+04	3.2477 E+06
5.6744 E+02	5.6073 E+01	2.5060 E+07	- 2.3571 E+04	1.5922 E+05	5.0415 E-02	3.3172 E+02	9.5253 E+03	1.9691 E+04	3.5171 E+01	1.2470 E+03	2.3451 E+01	1.6809 E+04	1.0142 E+04	4.3938 E+06
5.6744 E+02	0.0000 E+00	3.6498 E+07	- 2.3571 E+04	1.5258 E+05	1.0083 E-01	3.3172 E+02	9.1284 E+03	3.0168 E+04	3.5171 E+01	1.2173 E+03	1.5056 E+01	1.6809 E+04	6.7613 E+03	5.2962 E+06
5.0480 E+02	2.4672 E+03	2.7898 E+00	- 2.3571 E+04	1.4595 E+05	1.3071 E+01	3.3172 E+02	8.7315 E+03	3.6703 E+04	3.5171 E+01	1.1876 E+03	6.4163 E+01	1.6809 E+04	3.3806 E+03	5.5141 E+06
5.0480 E+02	2.4111 E+03	2.7898 E+00	- 2.3571 E+04	1.3932 E+05	1.3122 E+01	3.3172 E+02	8.3346 E+03	5.8836 E+04	3.5171 E+01	1.1579 E+03	6.4037 E+01	1.6809 E+04	0.0000 E+00	2.8453 E+07
5.0480 E+02	2.3551 E+03	8.9360 E+00	- 2.3571 E+04	1.3268 E+05	5.3610 E+01	3.3172 E+02	7.9377 E+03	5.2467 E+04	3.5171 E+01	1.1282 E+03	1.4125 E+02	1.3166 E+04	1.5213 E+05	2.7898 E+00
5.0480 E+02	2.2990 E+03	2.0662 E+01	- 2.3571 E+04	1.2605 E+05	2.8554 E+01	3.3172 E+02	7.5409 E+03	6.5488 E+04	3.5171 E+01	1.0985 E+03	1.2448 E+02	1.3166 E+04	1.4537 E+05	6.5980 E-01
5.0480 E+02	2.2429 E+03	2.2550 E+01	- 2.3571 E+04	1.1941 E+05	2.5694 E+02	3.3172 E+02	7.1440 E+03	1.1970 E+05	3.5171 E+01	1.0688 E+03	2.2878 E+02	1.3166 E+04	1.4199 E+05	1.4460 E+01
5.0480 E+02	2.1869 E+03	1.1311 E+01	- 2.3571 E+04	1.1278 E+05	3.4066 E+02	3.3172 E+02	6.7471 E+03	1.6095 E+05	3.5171 E+01	1.0392 E+03	1.5596 E+02	1.3166 E+04	1.3861 E+05	1.0651 E+01
5.0480 E+02	2.1308 E+03	7.8468 E+01	- 2.3571 E+04	1.0615 E+05	3.2301 E+03	3.3172 E+02	6.3502 E+03	1.5982 E+05	3.5171 E+01	1.0095 E+03	4.4724 E+02	1.3166 E+04	1.3523 E+05	8.4400 E-02
5.0480 E+02	2.0747 E+03	1.9723 E+02	- 2.3571 E+04	9.9511 E+04	3.2354 E+03	3.3172 E+02	5.9533 E+03	3.0129 E+05	3.5171 E+01	9.7978 E+02	7.6953 E+02	1.3166 E+04	1.3185 E+05	2.7898 E+00
5.0480 E+02	2.0186 E+03	9.3233 E+00	- 2.3571 E+04	9.2877 E+04	3.3246 E+03	3.3172 E+02	5.5564 E+03	3.3428 E+05	3.5171 E+01	9.5009 E+02	7.7827 E+02	1.3166 E+04	1.2846 E+05	1.1918 E+01
5.0480 E+02	1.9626 E+03	1.4603 E+02	- 2.3571 E+04	8.6243 E+04	5.0451 E+03	3.3172 E+02	5.1595 E+03	5.0994 E+05	3.5171 E+01	9.2040 E+02	2.8197 E+03	1.3166 E+04	1.2508 E+05	2.1124 E+02
5.0480 E+02	1.9065 E+03	4.4997 E+02	- 2.3571 E+04	7.9609 E+04	4.2442 E+03	3.3172 E+02	4.7626 E+03	6.1749 E+05	3.5171 E+01	8.9071 E+02	2.0537 E+03	1.3166 E+04	1.2170 E+05	3.3957 E+02
5.0480 E+02	1.8504 E+03	3.6450 E+02	- 2.3571 E+04	7.2975 E+04	1.4840 E+04	3.3172 E+02	4.3658 E+03	1.0160 E+06	3.5171 E+01	8.6102 E+02	4.0801 E+03	1.3166 E+04	1.1832 E+05	4.2589 E+01
5.0480 E+02	1.7943 E+03	9.2980 E+02	- 2.3571 E+04	6.6341 E+04	2.6456 E+04	3.3172 E+02	3.9689 E+03	1.1440 E+06	3.5171 E+01	8.3133 E+02	2.9403 E+03	1.3166 E+04	1.1494 E+05	1.3374 E+02
5.0480 E+02	1.7383 E+03	1.8681 E+03	- 2.3571 E+04	5.9707 E+04	5.1642 E+04	3.3172 E+02	3.5720 E+03	1.7571 E+06	3.5171 E+01	8.0163 E+02	5.0242 E+03	1.3166 E+04	1.1156 E+05	3.5146 E+01
5.0480 E+02	1.6822 E+03	2.1708 E+03	- 2.3571 E+04	5.3073 E+04	1.2073 E+05	3.3172 E+02	3.1751 E+03	2.0525 E+06	3.5171 E+01	7.7194 E+02	4.2827 E+03	1.3166 E+04	1.0818 E+05	5.9989 E+01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.0480 E+02	1.6261 E+03	4.2019 E+03	- 2.3571 E+04	4.6439 E+04	2.5513 E+05	3.3172 E+02	2.7782 E+03	2.6491 E+06	3.5171 E+01	7.4225 E+02	9.6608 E+03	1.3166 E+04	1.0480 E+05	3.8583 E+02
5.0480 E+02	1.5700 E+03	3.7091 E+03	- 2.3571 E+04	3.9804 E+04	5.1736 E+05	3.3172 E+02	2.3813 E+03	3.6138 E+06	3.5171 E+01	7.1256 E+02	1.0729 E+04	1.3166 E+04	1.0142 E+05	6.1503 E+02
5.0480 E+02	1.5140 E+03	7.2768 E+03	- 2.3571 E+04	3.3170 E+04	1.0871 E+06	3.3172 E+02	1.9844 E+03	4.4868 E+06	3.5171 E+01	6.8287 E+02	1.6916 E+04	1.3166 E+04	9.8039 E+04	6.1241 E+02
5.0480 E+02	1.4579 E+03	8.0766 E+03	- 2.3571 E+04	2.6536 E+04	2.3885 E+06	3.3172 E+02	1.5875 E+03	4.1627 E+06	3.5171 E+01	6.5318 E+02	2.1504 E+04	1.3166 E+04	9.4658 E+04	7.0505 E+02
5.0480 E+02	1.4018 E+03	1.1229 E+04	- 2.3571 E+04	1.9902 E+04	4.1739 E+06	3.3172 E+02	1.1907 E+03	4.8596 E+06	3.5171 E+01	6.2349 E+02	4.2755 E+04	1.3166 E+04	9.1277 E+04	8.4156 E+02
5.0480 E+02	1.3458 E+03	1.5456 E+04	- 2.3571 E+04	1.3268 E+04	6.1404 E+06	3.3172 E+02	7.9377 E+02	6.8659 E+06	3.5171 E+01	5.9380 E+02	6.5431 E+04	1.3166 E+04	8.7897 E+04	1.3908 E+03
5.0480 E+02	1.2897 E+03	1.8625 E+04	- 2.3571 E+04	6.6341 E+03	9.7575 E+06	3.3172 E+02	3.9689 E+02	1.7564 E+07	3.5171 E+01	5.6411 E+02	1.0529 E+05	1.3166 E+04	8.4516 E+04	1.4228 E+03
5.0480 E+02	1.2336 E+03	2.9963 E+04	- 2.3571 E+04	0.0000 E+00	1.4121 E+07	3.3172 E+02	0.0000 E+00	4.0011 E+07	3.5171 E+01	5.3442 E+02	1.6821 E+05	1.3166 E+04	8.1135 E+04	1.9677 E+03
5.0480 E+02	1.1775 E+03	3.4314 E+04	- 3.0784 E+04	3.0517 E+05	1.6856 E+00	- 1.6314 E+02	1.9844 E+04	2.7898 E+00	3.5171 E+01	5.0473 E+02	2.1983 E+05	1.3166 E+04	7.7755 E+04	4.2023 E+03
5.0480 E+02	1.1215 E+03	5.2722 E+04	- 3.0784 E+04	2.9853 E+05	1.7500 E+00	- 1.6314 E+02	1.8257 E+04	6.2500 E-01	3.5171 E+01	4.7504 E+02	3.3287 E+05	1.3166 E+04	7.4374 E+04	8.2818 E+03
5.0480 E+02	1.0654 E+03	7.7700 E+04	- 3.0784 E+04	2.9190 E+05	6.5105 E+00	- 1.6314 E+02	1.7860 E+04	5.0415 E-02	3.5171 E+01	4.4535 E+02	5.1971 E+05	1.3166 E+04	7.0994 E+04	9.9493 E+03
5.0480 E+02	1.0093 E+03	9.8365 E+04	- 3.0784 E+04	2.8527 E+05	6.8713 E+00	- 1.6314 E+02	1.7066 E+04	9.0421 E+00	3.5171 E+01	4.1566 E+02	7.4712 E+05	1.3166 E+04	6.7613 E+04	1.3896 E+04
5.0480 E+02	9.5324 E+02	1.3535 E+05	- 3.0784 E+04	2.7863 E+05	8.7500 E+00	- 1.6314 E+02	1.6669 E+04	2.4896 E+01	3.5171 E+01	3.8597 E+02	1.3116 E+06	1.3166 E+04	6.4232 E+04	2.5686 E+04
5.0480 E+02	8.9717 E+02	1.5350 E+05	- 3.0784 E+04	2.7200 E+05	1.7500 E+00	- 1.6314 E+02	1.6272 E+04	2.1215 E-01	3.5171 E+01	3.5628 E+02	1.9208 E+06	1.3166 E+04	6.0852 E+04	5.5825 E+04
5.0480 E+02	8.4110 E+02	1.8745 E+05	- 3.0784 E+04	2.5873 E+05	3.4356 E+00	- 1.6314 E+02	1.5875 E+04	6.0062 E+01	3.5171 E+01	3.2659 E+02	2.5746 E+06	1.3166 E+04	5.7471 E+04	7.3285 E+04
5.0480 E+02	7.8502 E+02	3.1330 E+05	- 3.0784 E+04	2.5210 E+05	9.3750 E+00	- 1.6314 E+02	1.5479 E+04	3.5586 E+02	3.5171 E+01	2.9690 E+02	3.6710 E+06	1.3166 E+04	5.4090 E+04	9.4135 E+04
5.0480 E+02	7.2895 E+02	3.0287 E+05	- 3.0784 E+04	2.4546 E+05	2.3750 E+00	- 1.6314 E+02	1.5082 E+04	1.5601 E+03	3.5171 E+01	2.6721 E+02	5.4685 E+06	1.3166 E+04	5.0710 E+04	1.6847 E+05
5.0480 E+02	6.7288 E+02	3.8963 E+05	- 3.0784 E+04	2.3883 E+05	3.5000 E+00	- 1.6314 E+02	1.4685 E+04	4.4019 E+02	3.5171 E+01	2.3752 E+02	8.0491 E+06	1.3166 E+04	4.7329 E+04	2.0880 E+05

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.0480 E+02	6.1681 E+02	4.4536 E+05	- 3.0784 E+04	2.2556 E+05	2.3750 E+00	- 1.6314 E+02	1.4288 E+04	1.5186 E+03	3.5171 E+01	2.0783 E+02	1.0927 E+07	1.3166 E+04	4.3948 E+04	3.2379 E+05
5.0480 E+02	5.6073 E+02	5.9628 E+05	- 3.0784 E+04	2.1892 E+05	2.5000 E+00	- 1.6314 E+02	1.3891 E+04	2.1693 E+02	3.5171 E+01	1.7814 E+02	1.4365 E+07	1.3166 E+04	4.0568 E+04	4.5609 E+05
5.0480 E+02	5.0466 E+02	8.2466 E+05	- 3.0784 E+04	2.1229 E+05	6.2500 E-01	- 1.6314 E+02	1.3494 E+04	6.8010 E+03	3.5171 E+01	1.4845 E+02	1.6848 E+07	1.3166 E+04	3.7187 E+04	6.9253 E+05
5.0480 E+02	4.4859 E+02	1.0739 E+06	- 3.0784 E+04	2.0566 E+05	8.2605 E+00	- 1.6314 E+02	1.3097 E+04	7.9780 E+03	3.5171 E+01	1.1876 E+02	1.7805 E+07	1.3166 E+04	3.3806 E+04	9.7644 E+05
5.0480 E+02	3.9251 E+02	1.6310 E+06	- 3.0784 E+04	1.9902 E+05	6.2500 E-01	- 1.6314 E+02	1.2700 E+04	5.8062 E+03	3.5171 E+01	8.9071 E+01	1.7926 E+07	1.3166 E+04	3.0426 E+04	1.4501 E+06
5.0480 E+02	3.3644 E+02	2.4729 E+06	- 3.0784 E+04	1.9239 E+05	1.5115 E-02	- 1.6314 E+02	1.2303 E+04	1.4382 E+04	3.5171 E+01	5.9380 E+01	2.4019 E+07	1.3166 E+04	2.7045 E+04	2.1830 E+06
5.0480 E+02	2.8037 E+02	3.6783 E+06	- 3.0784 E+04	1.7912 E+05	2.5655 E+00	- 1.6314 E+02	1.1907 E+04	1.3126 E+04	3.5171 E+01	2.9690 E+01	8.4131 E+07	1.3166 E+04	2.3665 E+04	2.9556 E+06
5.0480 E+02	2.2429 E+02	5.5517 E+06	- 3.0784 E+04	1.7249 E+05	3.1250 E+00	- 1.6314 E+02	1.1510 E+04	3.6660 E+04	3.5171 E+01	0.0000 E+00	1.7161 E+08	1.3166 E+04	2.0284 E+04	4.0113 E+06
5.0480 E+02	1.6822 E+02	6.2505 E+06	- 3.0784 E+04	1.6585 E+05	1.0417 E+02	- 1.6314 E+02	1.1113 E+04	1.7961 E+04	4.9539 E+00	1.4251 E+03	2.7898 E+00	1.3166 E+04	1.6903 E+04	6.0246 E+06
5.0480 E+02	1.1215 E+02	1.0461 E+07	- 3.0784 E+04	1.5922 E+05	5.0415 E-02	- 1.6314 E+02	1.0716 E+04	1.2505 E+04	4.9539 E+00	1.3954 E+03	6.3910 E-02	1.3166 E+04	1.3523 E+04	7.8099 E+06
5.0480 E+02	5.6073 E+01	2.7218 E+07	- 3.0784 E+04	1.5258 E+05	2.6033 E+00	- 1.6314 E+02	1.0319 E+04	2.0694 E+04	4.9539 E+00	1.3361 E+03	2.7898 E+00	1.3166 E+04	1.0142 E+04	1.0053 E+07
5.0480 E+02	0.0000 E+00	4.2242 E+07	- 3.0784 E+04	1.4595 E+05	1.9446 E+01	- 1.6314 E+02	9.9222 E+03	2.0258 E+04	4.9539 E+00	1.3064 E+03	5.5795 E+00	1.3166 E+04	6.7613 E+03	1.2325 E+07
4.4216 E+02	2.4672 E+03	1.6856 E+00	- 3.0784 E+04	1.3932 E+05	1.8302 E+01	- 1.6314 E+02	9.5253 E+03	3.7618 E+04	4.9539 E+00	1.2470 E+03	1.1311 E+01	1.3166 E+04	3.3806 E+03	1.2552 E+07
4.4216 E+02	2.4111 E+03	2.5133 E+01	- 3.0784 E+04	1.3268 E+05	1.2507 E+02	- 1.6314 E+02	9.1284 E+03	4.7299 E+04	4.9539 E+00	1.2173 E+03	1.1159 E+01	1.3166 E+04	0.0000 E+00	5.3466 E+07
4.4216 E+02	2.3551 E+03	3.7612 E+01	- 3.0784 E+04	1.2605 E+05	1.4547 E+01	- 1.6314 E+02	8.7315 E+03	6.5999 E+04	4.9539 E+00	1.1876 E+03	5.0415 E-02	9.5215 E+03	1.6903 E+05	2.4301 E-03
4.4216 E+02	2.2990 E+03	7.8282 E+00	- 3.0784 E+04	1.1941 E+05	5.8575 E+02	- 1.6314 E+02	8.3346 E+03	4.2125 E+04	4.9539 E+00	1.1579 E+03	7.4356 E+00	9.5215 E+03	1.4537 E+05	5.0415 E-02
4.4216 E+02	2.2429 E+03	1.5752 E+01	- 3.0784 E+04	1.1278 E+05	1.0823 E+03	- 1.6314 E+02	7.9377 E+03	6.9428 E+04	4.9539 E+00	1.1282 E+03	1.6694 E+01	9.5215 E+03	1.4199 E+05	2.5000 E+00
4.4216 E+02	2.1869 E+03	4.4740 E+01	- 3.0784 E+04	1.0615 E+05	3.6869 E+01	- 1.6314 E+02	7.5409 E+03	1.3755 E+05	4.9539 E+00	1.0985 E+03	3.0501 E+01	9.5215 E+03	1.3861 E+05	3.2102 E+00

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.4216 E+02	2.1308 E+03	2.5232 E+01	- 3.0784 E+04	9.9511 E+04	1.1124 E+03	- 1.6314 E+02	7.1440 E+03	1.4441 E+05	4.9539 E+00	1.0688 E+03	2.0350 E+02	9.5215 E+03	1.3523 E+05	2.9462 E+00
4.4216 E+02	2.0747 E+03	1.3178 E+02	- 3.0784 E+04	9.2877 E+04	8.9595 E+03	- 1.6314 E+02	6.7471 E+03	1.8292 E+05	4.9539 E+00	1.0392 E+03	3.9216 E+02	9.5215 E+03	1.3185 E+05	1.0808 E+01
4.4216 E+02	2.0186 E+03	1.4016 E+02	- 3.0784 E+04	8.6243 E+04	5.7581 E+03	- 1.6314 E+02	6.3502 E+03	2.0810 E+05	4.9539 E+00	1.0095 E+03	4.6929 E+02	9.5215 E+03	1.2846 E+05	7.5504 E+00
4.4216 E+02	1.9626 E+03	7.0195 E+02	- 3.0784 E+04	7.9609 E+04	1.6672 E+04	- 1.6314 E+02	5.9533 E+03	3.8151 E+05	4.9539 E+00	9.7978 E+02	1.4792 E+03	9.5215 E+03	1.2508 E+05	1.4623 E+01
4.4216 E+02	1.9065 E+03	1.6221 E+02	- 3.0784 E+04	7.2975 E+04	2.2494 E+04	- 1.6314 E+02	5.5564 E+03	5.1036 E+05	4.9539 E+00	9.5009 E+02	2.2569 E+03	9.5215 E+03	1.2170 E+05	6.0092 E+00
4.4216 E+02	1.8504 E+03	3.4282 E+02	- 3.0784 E+04	6.6341 E+04	4.0217 E+04	- 1.6314 E+02	5.1595 E+03	6.6818 E+05	4.9539 E+00	9.2040 E+02	1.4217 E+03	9.5215 E+03	1.1832 E+05	2.3156 E+02
4.4216 E+02	1.7943 E+03	1.1883 E+03	- 3.0784 E+04	5.9707 E+04	8.9396 E+04	- 1.6314 E+02	4.7626 E+03	8.8630 E+05	4.9539 E+00	8.9071 E+02	3.0331 E+03	9.5215 E+03	1.1494 E+05	4.6937 E+01
4.4216 E+02	1.7383 E+03	7.5351 E+02	- 3.0784 E+04	5.3073 E+04	1.0734 E+05	- 1.6314 E+02	4.3658 E+03	1.1549 E+06	4.9539 E+00	8.6102 E+02	1.2241 E+03	9.5215 E+03	1.1156 E+05	3.2849 E+02
4.4216 E+02	1.6822 E+03	1.8444 E+03	- 3.0784 E+04	4.6439 E+04	2.4437 E+05	- 1.6314 E+02	3.9689 E+03	1.8044 E+06	4.9539 E+00	8.3133 E+02	2.9671 E+03	9.5215 E+03	1.0818 E+05	5.1340 E+01
4.4216 E+02	1.6261 E+03	1.4964 E+03	- 3.0784 E+04	3.9804 E+04	5.1379 E+05	- 1.6314 E+02	3.5720 E+03	2.2603 E+06	4.9539 E+00	8.0163 E+02	4.7624 E+03	9.5215 E+03	1.0480 E+05	2.9404 E+01
4.4216 E+02	1.5700 E+03	3.6170 E+03	- 3.0784 E+04	3.3170 E+04	9.7821 E+05	- 1.6314 E+02	3.1751 E+03	2.7587 E+06	4.9539 E+00	7.7194 E+02	5.0581 E+03	9.5215 E+03	1.0142 E+05	8.1895 E+01
4.4216 E+02	1.5140 E+03	4.2519 E+03	- 3.0784 E+04	2.6536 E+04	2.3238 E+06	- 1.6314 E+02	2.7782 E+03	4.1917 E+06	4.9539 E+00	7.4225 E+02	8.3762 E+03	9.5215 E+03	9.8039 E+04	3.8848 E+02
4.4216 E+02	1.4579 E+03	4.9816 E+03	- 3.0784 E+04	1.9902 E+04	4.2352 E+06	- 1.6314 E+02	2.3813 E+03	4.5239 E+06	4.9539 E+00	7.1256 E+02	1.7945 E+04	9.5215 E+03	9.4658 E+04	3.5408 E+02
4.4216 E+02	1.4018 E+03	5.6132 E+03	- 3.0784 E+04	1.3268 E+04	6.7112 E+06	- 1.6314 E+02	1.9844 E+03	5.7970 E+06	4.9539 E+00	6.8287 E+02	2.5195 E+04	9.5215 E+03	9.1277 E+04	1.6440 E+03
4.4216 E+02	1.3458 E+03	8.4577 E+03	- 3.0784 E+04	6.6341 E+03	1.2854 E+07	- 1.6314 E+02	1.5875 E+03	6.4140 E+06	4.9539 E+00	6.5318 E+02	4.1743 E+04	9.5215 E+03	8.7897 E+04	9.4478 E+02
4.4216 E+02	1.2897 E+03	1.0163 E+04	- 3.0784 E+04	0.0000 E+00	1.8477 E+07	- 1.6314 E+02	1.1907 E+03	6.4740 E+06	4.9539 E+00	6.2349 E+02	6.9353 E+04	9.5215 E+03	8.4516 E+04	8.5964 E+02
4.4216 E+02	1.2336 E+03	9.6356 E+03	- 3.7996 E+04	2.9853 E+05	3.4356 E+00	- 1.6314 E+02	7.9377 E+02	9.3543 E+06	4.9539 E+00	5.9380 E+02	9.5197 E+04	9.5215 E+03	8.1135 E+04	1.8351 E+03
4.4216 E+02	1.1775 E+03	1.3199 E+04	- 3.7996 E+04	2.9190 E+05	5.1856 E+00	- 1.6314 E+02	3.9689 E+02	2.3300 E+07	4.9539 E+00	5.6411 E+02	1.3449 E+05	9.5215 E+03	7.7755 E+04	2.8921 E+03

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.4216 E+02	1.1215 E+03	1.6736 E+04	- 3.7996 E+04	2.8527 E+05	8.6213 E+00	- 1.6314 E+02	0.0000 E+00	5.6057 E+07	4.9539 E+00	5.3442 E+02	1.6643 E+05	9.5215 E+03	7.4374 E+04	5.0265 E+03
4.4216 E+02	1.0654 E+03	2.9598 E+04	- 3.7996 E+04	2.7863 E+05	3.4356 E+00	- 6.5801 E+02	1.8654 E+04	7.2576 E+01	4.9539 E+00	5.0473 E+02	3.5040 E+05	9.5215 E+03	7.0994 E+04	1.0108 E+04
4.4216 E+02	1.0093 E+03	4.5769 E+04	- 3.7996 E+04	2.7200 E+05	1.1760 E+01	- 6.5801 E+02	1.8257 E+04	2.7898 E+00	4.9539 E+00	4.7504 E+02	4.5424 E+05	9.5215 E+03	6.7613 E+04	1.4688 E+04
4.4216 E+02	9.5324 E+02	3.7213 E+04	- 3.7996 E+04	2.5873 E+05	1.7500 E+00	- 6.5801 E+02	1.7860 E+04	3.5000 E+00	4.9539 E+00	4.4535 E+02	7.0585 E+05	9.5215 E+03	6.4232 E+04	1.9463 E+04
4.4216 E+02	8.9717 E+02	3.4193 E+04	- 3.7996 E+04	2.5210 E+05	3.6008 E+00	- 6.5801 E+02	1.7463 E+04	2.7898 E+00	4.9539 E+00	4.1566 E+02	1.2588 E+06	9.5215 E+03	6.0852 E+04	4.8079 E+04
4.4216 E+02	8.4110 E+02	6.9530 E+04	- 3.7996 E+04	2.4546 E+05	1.7500 E+00	- 6.5801 E+02	1.7066 E+04	1.6231 E+01	4.9539 E+00	3.8597 E+02	1.8423 E+06	9.5215 E+03	5.7471 E+04	5.2354 E+04
4.4216 E+02	7.8502 E+02	6.2400 E+04	- 3.7996 E+04	2.3883 E+05	3.0000 E+00	- 6.5801 E+02	1.6669 E+04	3.5495 E+02	4.9539 E+00	3.5628 E+02	2.9867 E+06	9.5215 E+03	5.4090 E+04	8.6846 E+04
4.4216 E+02	7.2895 E+02	8.7060 E+04	- 3.7996 E+04	2.3219 E+05	6.2500 E-01	- 6.5801 E+02	1.6272 E+04	7.8062 E+01	4.9539 E+00	3.2659 E+02	4.8380 E+06	9.5215 E+03	5.0710 E+04	1.1846 E+05
4.4216 E+02	6.7288 E+02	1.4039 E+05	- 3.7996 E+04	2.2556 E+05	1.5091 E+01	- 6.5801 E+02	1.5875 E+04	1.4529 E+02	4.9539 E+00	2.9690 E+02	7.1378 E+06	9.5215 E+03	4.7329 E+04	2.0843 E+05
4.4216 E+02	6.1681 E+02	1.5998 E+05	- 3.7996 E+04	2.1229 E+05	1.4415 E+01	- 6.5801 E+02	1.5479 E+04	6.4549 E+01	4.9539 E+00	2.6721 E+02	1.1716 E+07	9.5215 E+03	4.3948 E+04	2.2409 E+05
4.4216 E+02	5.6073 E+02	2.2728 E+05	- 3.7996 E+04	2.0566 E+05	2.0436 E+00	- 6.5801 E+02	1.5082 E+04	1.8064 E+02	4.9539 E+00	2.3752 E+02	1.7921 E+07	9.5215 E+03	4.0568 E+04	3.7389 E+05
4.4216 E+02	5.0466 E+02	2.8162 E+05	- 3.7996 E+04	1.9902 E+05	1.5051 E+00	- 6.5801 E+02	1.4685 E+04	3.1399 E+02	4.9539 E+00	2.0783 E+02	2.6273 E+07	9.5215 E+03	3.7187 E+04	4.9958 E+05
4.4216 E+02	4.4859 E+02	4.6241 E+05	- 3.7996 E+04	1.9239 E+05	1.9254 E+00	- 6.5801 E+02	1.4288 E+04	5.8284 E+03	4.9539 E+00	1.7814 E+02	3.8003 E+07	9.5215 E+03	3.3806 E+04	7.3679 E+05
4.4216 E+02	3.9251 E+02	9.2171 E+05	- 3.7996 E+04	1.7912 E+05	6.2500 E-01	- 6.5801 E+02	1.3891 E+04	7.7606 E+03	4.9539 E+00	1.4845 E+02	5.1902 E+07	9.5215 E+03	3.0426 E+04	1.1985 E+06
4.4216 E+02	3.3644 E+02	1.5347 E+06	- 3.7996 E+04	1.7249 E+05	3.8704 E+01	- 6.5801 E+02	1.3494 E+04	7.6397 E+03	4.9539 E+00	1.1876 E+02	6.7189 E+07	9.5215 E+03	2.7045 E+04	1.9616 E+06
4.4216 E+02	2.8037 E+02	3.1589 E+06	- 3.7996 E+04	1.6585 E+05	6.7541 E-01	- 6.5801 E+02	1.3097 E+04	1.4085 E+04	4.9539 E+00	8.9071 E+01	8.1780 E+07	9.5215 E+03	2.3665 E+04	3.0721 E+06
4.4216 E+02	2.2429 E+02	4.8043 E+06	- 3.7996 E+04	1.5922 E+05	1.5649 E-01	- 6.5801 E+02	1.2700 E+04	1.2204 E+04	4.9539 E+00	5.9380 E+01	9.7731 E+07	9.5215 E+03	2.0284 E+04	5.1660 E+06
4.4216 E+02	1.6822 E+02	6.0322 E+06	- 3.7996 E+04	1.5258 E+05	3.9029 E+00	- 6.5801 E+02	1.2303 E+04	4.5751 E+04	4.9539 E+00	2.9690 E+01	1.7410 E+08	9.5215 E+03	1.6903 E+04	8.1133 E+06

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.4216 E+02	1.1215 E+02	9.6797 E+06	- 3.7996 E+04	1.4595 E+05	1.9145 E+01	- 6.5801 E+02	1.1907 E+04	4.4917 E+04	4.9539 E+00	0.0000 E+00	3.4999 E+08	9.5215 E+03	1.3523 E+04	1.2573 E+07
4.4216 E+02	5.6073 E+01	2.5839 E+07	- 3.7996 E+04	1.3932 E+05	1.0937 E+02	- 6.5801 E+02	1.1510 E+04	3.0336 E+04	- 2.5263 E+01	1.4251 E+03	2.7898 E+00	9.5215 E+03	1.0142 E+04	1.6973 E+07
4.4216 E+02	0.0000 E+00	4.4290 E+07	- 3.7996 E+04	1.3268 E+05	1.1585 E+02	- 6.5801 E+02	1.1113 E+04	4.1993 E+04	- 2.5263 E+01	1.3657 E+03	5.5795 E+00	9.5215 E+03	6.7613 E+03	1.8827 E+07
3.7952 E+02	2.5233 E+03	1.7496 E+00	- 3.7996 E+04	1.2605 E+05	2.2204 E+02	- 6.5801 E+02	1.0716 E+04	1.0065 E+05	- 2.5263 E+01	1.3064 E+03	1.7500 E+00	9.5215 E+03	3.3806 E+03	1.8531 E+07
3.7952 E+02	2.4672 E+03	6.2500 E-01	- 3.7996 E+04	1.1941 E+05	4.6800 E+00	- 6.5801 E+02	1.0319 E+04	7.6400 E+04	- 2.5263 E+01	1.2767 E+03	1.0651 E+01	9.5215 E+03	0.0000 E+00	7.5842 E+07
3.7952 E+02	2.3551 E+03	7.1703 E+00	- 3.7996 E+04	1.1278 E+05	7.1741 E+02	- 6.5801 E+02	9.9222 E+03	4.5162 E+04	- 2.5263 E+01	1.2470 E+03	1.7500 E+00	5.8776 E+03	1.4199 E+05	5.0000 E+00
3.7952 E+02	2.2990 E+03	1.3812 E+01	- 3.7996 E+04	1.0615 E+05	6.3561 E+02	- 6.5801 E+02	9.5253 E+03	8.9845 E+04	- 2.5263 E+01	1.2173 E+03	9.0000 E+00	5.8776 E+03	1.3861 E+05	5.2898 E+00
3.7952 E+02	2.2429 E+03	9.9322 E+00	- 3.7996 E+04	9.9511 E+04	6.0142 E+02	- 6.5801 E+02	9.1284 E+03	6.2496 E+04	- 2.5263 E+01	1.1876 E+03	1.6231 E+01	5.8776 E+03	1.3523 E+05	1.7246 E+00
3.7952 E+02	2.1869 E+03	6.5907 E+01	- 3.7996 E+04	9.2877 E+04	6.6070 E+03	- 6.5801 E+02	8.7315 E+03	5.1208 E+04	- 2.5263 E+01	1.1579 E+03	1.0820 E+01	5.8776 E+03	1.3185 E+05	2.6348 E+00
3.7952 E+02	2.1308 E+03	8.2806 E+00	- 3.7996 E+04	8.6243 E+04	3.1274 E+03	- 6.5801 E+02	8.3346 E+03	9.3308 E+04	- 2.5263 E+01	1.1282 E+03	2.3030 E+01	5.8776 E+03	1.2846 E+05	1.3919 E+01
3.7952 E+02	2.0747 E+03	4.8040 E+01	- 3.7996 E+04	7.9609 E+04	4.5531 E+03	- 6.5801 E+02	7.9377 E+03	1.5048 E+05	- 2.5263 E+01	1.0985 E+03	6.7853 E+01	5.8776 E+03	1.2508 E+05	1.0917 E+02
3.7952 E+02	2.0186 E+03	2.5307 E+01	- 3.7996 E+04	7.2975 E+04	1.7931 E+04	- 6.5801 E+02	7.5409 E+03	1.6471 E+05	- 2.5263 E+01	1.0688 E+03	2.9969 E+01	5.8776 E+03	1.2170 E+05	1.0508 E+02
3.7952 E+02	1.9626 E+03	9.1767 E+01	- 3.7996 E+04	6.6341 E+04	3.2240 E+04	- 6.5801 E+02	7.1440 E+03	2.0347 E+05	- 2.5263 E+01	1.0392 E+03	8.9148 E+00	5.8776 E+03	1.1832 E+05	9.1643 E+00
3.7952 E+02	1.9065 E+03	5.5882 E+01	- 3.7996 E+04	5.9707 E+04	3.9604 E+04	- 6.5801 E+02	6.7471 E+03	2.1471 E+05	- 2.5263 E+01	1.0095 E+03	6.3411 E+01	5.8776 E+03	1.1494 E+05	1.5868 E+02
3.7952 E+02	1.8504 E+03	1.4596 E+03	- 3.7996 E+04	5.3073 E+04	8.7142 E+04	- 6.5801 E+02	6.3502 E+03	3.3144 E+05	- 2.5263 E+01	9.7978 E+02	1.4178 E+02	5.8776 E+03	1.1156 E+05	1.6479 E+02
3.7952 E+02	1.7943 E+03	5.4719 E+02	- 3.7996 E+04	4.6439 E+04	1.8770 E+05	- 6.5801 E+02	5.9533 E+03	4.2382 E+05	- 2.5263 E+01	9.5009 E+02	2.3358 E+02	5.8776 E+03	1.0818 E+05	1.9902 E+01
3.7952 E+02	1.7383 E+03	1.1764 E+03	- 3.7996 E+04	3.9804 E+04	4.2305 E+05	- 6.5801 E+02	5.5564 E+03	6.0796 E+05	- 2.5263 E+01	9.2040 E+02	4.5646 E+02	5.8776 E+03	1.0480 E+05	1.0816 E+02
3.7952 E+02	1.6822 E+03	4.7207 E+02	- 3.7996 E+04	3.3170 E+04	9.8928 E+05	- 6.5801 E+02	5.1595 E+03	7.4343 E+05	- 2.5263 E+01	8.9071 E+02	3.7656 E+02	5.8776 E+03	1.0142 E+05	2.6402 E+02

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&SRIE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.7952 E+02	1.6261 E+03	6.8464 E+02	- 3.7996 E+04	2.6536 E+04	1.8651 E+06	- 6.5801 E+02	4.7626 E+03	9.8089 E+05	- 2.5263 E+01	8.6102 E+02	3.0596 E+02	5.8776 E+03	9.8039 E+04	1.9184 E+02
3.7952 E+02	1.5700 E+03	5.9562 E+02	- 3.7996 E+04	1.9902 E+04	4.0537 E+06	- 6.5801 E+02	4.3658 E+03	1.2698 E+06	- 2.5263 E+01	8.3133 E+02	1.8720 E+03	5.8776 E+03	9.4658 E+04	9.7390 E+01
3.7952 E+02	1.5140 E+03	7.1276 E+02	- 3.7996 E+04	1.3268 E+04	6.4763 E+06	- 6.5801 E+02	3.9689 E+03	1.6474 E+06	- 2.5263 E+01	8.0163 E+02	9.5605 E+02	5.8776 E+03	9.1277 E+04	3.5059 E+02
3.7952 E+02	1.4579 E+03	1.1020 E+03	- 3.7996 E+04	6.6341 E+03	1.0960 E+07	- 6.5801 E+02	3.5720 E+03	2.4374 E+06	- 2.5263 E+01	7.7194 E+02	2.2533 E+03	5.8776 E+03	8.7897 E+04	2.7909 E+02
3.7952 E+02	1.4018 E+03	3.6668 E+03	- 3.7996 E+04	0.0000 E+00	1.8417 E+07	- 6.5801 E+02	3.1751 E+03	2.9664 E+06	- 2.5263 E+01	7.4225 E+02	4.3206 E+03	5.8776 E+03	8.4516 E+04	2.0688 E+02
3.7952 E+02	1.3458 E+03	2.9260 E+03	- 4.5209 E+04	3.1844 E+05	8.1961 E+00	- 6.5801 E+02	2.7782 E+03	3.7083 E+06	- 2.5263 E+01	7.1256 E+02	6.7172 E+03	5.8776 E+03	8.1135 E+04	2.2168 E+02
3.7952 E+02	1.2897 E+03	4.3571 E+03	- 4.5209 E+04	3.0517 E+05	1.6856 E+00	- 6.5801 E+02	2.3813 E+03	4.6830 E+06	- 2.5263 E+01	6.8287 E+02	9.8337 E+03	5.8776 E+03	7.7755 E+04	4.0248 E+02
3.7952 E+02	1.2336 E+03	3.4852 E+03	- 4.5209 E+04	2.9853 E+05	3.3713 E+00	- 6.5801 E+02	1.9844 E+03	5.4806 E+06	- 2.5263 E+01	6.5318 E+02	1.2121 E+04	5.8776 E+03	7.4374 E+04	6.0077 E+02
3.7952 E+02	1.1775 E+03	5.4076 E+03	- 4.5209 E+04	2.9190 E+05	1.7500 E+00	- 6.5801 E+02	1.5875 E+03	5.5793 E+06	- 2.5263 E+01	6.2349 E+02	2.0733 E+04	5.8776 E+03	7.0994 E+04	2.9244 E+03
3.7952 E+02	1.1215 E+03	7.8830 E+03	- 4.5209 E+04	2.8527 E+05	1.1632 E+01	- 6.5801 E+02	1.1907 E+03	5.7411 E+06	- 2.5263 E+01	5.9380 E+02	1.8118 E+04	5.8776 E+03	6.7613 E+04	3.0026 E+03
3.7952 E+02	1.0654 E+03	1.0743 E+04	- 4.5209 E+04	2.7863 E+05	8.6213 E+00	- 6.5801 E+02	7.9377 E+02	7.7415 E+06	- 2.5263 E+01	5.6411 E+02	2.8472 E+04	5.8776 E+03	6.4232 E+04	5.2513 E+03
3.7952 E+02	1.0093 E+03	7.3428 E+03	- 4.5209 E+04	2.7200 E+05	5.1856 E+00	- 6.5801 E+02	3.9689 E+02	2.0001 E+07	- 2.5263 E+01	5.3442 E+02	3.2022 E+04	5.8776 E+03	6.0852 E+04	6.6041 E+03
3.7952 E+02	9.5324 E+02	6.0949 E+03	- 4.5209 E+04	2.6536 E+05	3.5504 E+00	- 6.5801 E+02	0.0000 E+00	4.3712 E+07	- 2.5263 E+01	5.0473 E+02	4.3762 E+04	5.8776 E+03	5.7471 E+04	1.6562 E+04
3.7952 E+02	8.9717 E+02	9.9897 E+03	- 4.5209 E+04	2.5873 E+05	5.2500 E+00	- 1.1529 E+03	1.7463 E+04	2.5192 E+00	- 2.5263 E+01	4.7504 E+02	1.1602 E+05	5.8776 E+03	5.4090 E+04	2.4591 E+04
3.7952 E+02	8.4110 E+02	2.3964 E+04	- 4.5209 E+04	2.5210 E+05	8.7500 E+00	- 1.1529 E+03	1.7066 E+04	1.0702 E+01	- 2.5263 E+01	4.4535 E+02	1.3230 E+05	5.8776 E+03	5.0710 E+04	3.7959 E+04
3.7952 E+02	7.8502 E+02	2.7561 E+04	- 4.5209 E+04	2.3883 E+05	6.2500 E-01	- 1.1529 E+03	1.6669 E+04	1.8835 E+01	- 2.5263 E+01	4.1566 E+02	1.8045 E+05	5.8776 E+03	4.7329 E+04	8.1435 E+04
3.7952 E+02	7.2895 E+02	2.3385 E+04	- 4.5209 E+04	2.3219 E+05	1.8004 E+00	- 1.1529 E+03	1.6272 E+04	3.9161 E+01	- 2.5263 E+01	3.8597 E+02	3.1381 E+05	5.8776 E+03	4.3948 E+04	1.2552 E+05
3.7952 E+02	6.7288 E+02	4.6821 E+04	- 4.5209 E+04	2.2556 E+05	8.8211 E+00	- 1.1529 E+03	1.5875 E+04	3.8695 E+02	- 2.5263 E+01	3.5628 E+02	4.5454 E+05	5.8776 E+03	4.0568 E+04	1.6007 E+05

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.7952 E+02	6.1681 E+02	5.5261 E+04	- 4.5209 E+04	2.1892 E+05	5.0415 E-02	- 1.1529 E+03	1.5479 E+04	1.4158 E+02	- 2.5263 E+01	3.2659 E+02	5.4484 E+05	5.8776 E+03	3.7187 E+04	3.1544 E+05
3.7952 E+02	5.6073 E+02	9.5103 E+04	- 4.5209 E+04	2.1229 E+05	7.2583 E-01	- 1.1529 E+03	1.5082 E+04	2.8866 E+03	- 2.5263 E+01	2.9690 E+02	7.5409 E+05	5.8776 E+03	3.3806 E+04	4.8201 E+05
3.7952 E+02	5.0466 E+02	2.1030 E+05	- 4.5209 E+04	2.0566 E+05	3.1008 E+00	- 1.1529 E+03	1.4685 E+04	1.7118 E+03	- 2.5263 E+01	2.6721 E+02	1.1531 E+06	5.8776 E+03	3.0426 E+04	8.9534 E+05
3.7952 E+02	4.4859 E+02	4.4958 E+05	- 4.5209 E+04	1.9902 E+05	9.1920 E+00	- 1.1529 E+03	1.4288 E+04	3.3601 E+03	- 2.5263 E+01	2.3752 E+02	1.6179 E+06	5.8776 E+03	2.7045 E+04	1.4248 E+06
3.7952 E+02	3.9251 E+02	7.8568 E+05	- 4.5209 E+04	1.9239 E+05	1.0449 E+00	- 1.1529 E+03	1.3891 E+04	5.2503 E+03	- 2.5263 E+01	2.0783 E+02	2.4118 E+06	5.8776 E+03	2.3665 E+04	2.9954 E+06
3.7952 E+02	3.3644 E+02	1.5755 E+06	- 4.5209 E+04	1.8575 E+05	1.4624 E+00	- 1.1529 E+03	1.3494 E+04	1.1281 E+04	- 2.5263 E+01	1.7814 E+02	3.4333 E+06	5.8776 E+03	2.0284 E+04	5.0276 E+06
3.7952 E+02	2.8037 E+02	3.0581 E+06	- 4.5209 E+04	1.7912 E+05	3.5596 E-01	- 1.1529 E+03	1.3097 E+04	7.7518 E+03	- 2.5263 E+01	1.4845 E+02	4.4242 E+06	5.8776 E+03	1.6903 E+04	8.4881 E+06
3.7952 E+02	2.2429 E+02	5.0443 E+06	- 4.5209 E+04	1.7249 E+05	1.3865 E+01	- 1.1529 E+03	1.2700 E+04	1.5122 E+04	- 2.5263 E+01	1.1876 E+02	5.5460 E+06	5.8776 E+03	1.3523 E+04	1.3257 E+07
3.7952 E+02	1.6822 E+02	7.2858 E+06	- 4.5209 E+04	1.6585 E+05	1.5970 E+01	- 1.1529 E+03	1.2303 E+04	8.6017 E+03	- 2.5263 E+01	8.9071 E+01	6.8647 E+06	5.8776 E+03	1.0142 E+04	1.8917 E+07
3.7952 E+02	1.1215 E+02	9.9157 E+06	- 4.5209 E+04	1.5922 E+05	7.1195 E+00	- 1.1529 E+03	1.1907 E+04	2.4354 E+04	- 2.5263 E+01	5.9380 E+01	1.2844 E+07	5.8776 E+03	6.7613 E+03	2.2945 E+07
3.7952 E+02	5.6073 E+01	2.1463 E+07	- 4.5209 E+04	1.5258 E+05	1.8124 E+01	- 1.1529 E+03	1.1510 E+04	3.2587 E+04	- 2.5263 E+01	2.9690 E+01	6.1943 E+07	5.8776 E+03	3.3806 E+03	2.4414 E+07
3.7952 E+02	0.0000 E+00	4.2160 E+07	- 4.5209 E+04	1.4595 E+05	6.9874 E+00	- 1.1529 E+03	1.1113 E+04	5.4969 E+04	- 2.5263 E+01	0.0000 E+00	1.6534 E+08	5.8776 E+03	0.0000 E+00	9.5489 E+07
3.1687 E+02	2.5794 E+03	2.7898 E+00	- 4.5209 E+04	1.3932 E+05	6.6099 E+01	- 1.1529 E+03	1.0716 E+04	4.3774 E+04	- 5.5480 E+01	1.2470 E+03	2.7898 E+00	2.2336 E+03	1.3861 E+05	1.0607 E-01
3.1687 E+02	2.5233 E+03	1.6856 E+00	- 4.5209 E+04	1.3268 E+05	2.2185 E+02	- 1.1529 E+03	1.0319 E+04	1.0622 E+05	- 5.5480 E+01	1.2173 E+03	1.0651 E+01	2.2336 E+03	1.3185 E+05	6.5980 E-01
3.1687 E+02	2.4672 E+03	9.3003 E+00	- 4.5209 E+04	1.2605 E+05	4.4208 E+02	- 1.1529 E+03	9.9222 E+03	8.8544 E+04	- 5.5480 E+01	1.1876 E+03	1.3441 E+01	2.2336 E+03	1.2846 E+05	8.4400 E-02
3.1687 E+02	2.4111 E+03	6.5105 E+00	- 4.5209 E+04	1.1941 E+05	3.3236 E+01	- 1.1529 E+03	9.5253 E+03	1.2294 E+05	- 5.5480 E+01	1.1579 E+03	1.3441 E+01	2.2336 E+03	1.2508 E+05	8.8602 E+00
3.1687 E+02	2.3551 E+03	1.7561 E+01	- 4.5209 E+04	1.1278 E+05	3.5245 E+02	- 1.1529 E+03	9.1284 E+03	1.6195 E+05	- 5.5480 E+01	1.1282 E+03	2.1303 E+01	2.2336 E+03	1.2170 E+05	1.2047 E+01
3.1687 E+02	2.2990 E+03	1.2401 E+01	- 4.5209 E+04	1.0615 E+05	1.2286 E+02	- 1.1529 E+03	8.7315 E+03	7.2756 E+04	- 5.5480 E+01	1.0985 E+03	1.2500 E+00	2.2336 E+03	1.1832 E+05	4.0501 E-01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.1687 E+02	2.2429 E+03	5.1213 E+00	- 4.5209 E+04	9.9511 E+04	4.6563 E+03	- 1.1529 E+03	8.3346 E+03	1.1833 E+05	- 5.5480 E+01	1.0688 E+03	4.1592 E-01	2.2336 E+03	1.1494 E+05	5.5581 E+00
3.1687 E+02	2.1869 E+03	1.4707 E+01	- 4.5209 E+04	9.2877 E+04	4.6329 E+03	- 1.1529 E+03	7.9377 E+03	1.4449 E+05	- 5.5480 E+01	1.0392 E+03	4.8888 E+01	2.2336 E+03	1.1156 E+05	1.6375 E+00
3.1687 E+02	2.1308 E+03	1.3930 E+01	- 4.5209 E+04	8.6243 E+04	1.9809 E+03	- 1.1529 E+03	7.5409 E+03	1.6807 E+05	- 5.5480 E+01	1.0095 E+03	5.8712 E+01	2.2336 E+03	1.0818 E+05	3.9741 E+00
3.1687 E+02	2.0747 E+03	7.6846 E+01	- 4.5209 E+04	7.9609 E+04	2.7489 E+03	- 1.1529 E+03	7.1440 E+03	2.1600 E+05	- 5.5480 E+01	9.7978 E+02	3.9368 E+01	2.2336 E+03	1.0480 E+05	1.1047 E+01
3.1687 E+02	2.0186 E+03	4.1111 E+00	- 4.5209 E+04	7.2975 E+04	3.8041 E+03	- 1.1529 E+03	6.7471 E+03	3.2247 E+05	- 5.5480 E+01	9.5009 E+02	1.0330 E+01	2.2336 E+03	1.0142 E+05	2.1849 E+02
3.1687 E+02	1.9626 E+03	4.7825 E+01	- 4.5209 E+04	6.6341 E+04	1.2701 E+04	- 1.1529 E+03	6.3502 E+03	3.5206 E+05	- 5.5480 E+01	9.2040 E+02	2.6565 E+00	2.2336 E+03	9.8039 E+04	2.9027 E+01
3.1687 E+02	1.9065 E+03	2.7591 E+01	- 4.5209 E+04	5.9707 E+04	2.5814 E+04	- 1.1529 E+03	5.9533 E+03	4.1526 E+05	- 5.5480 E+01	8.9071 E+02	1.4935 E+02	2.2336 E+03	9.4658 E+04	4.8441 E+01
3.1687 E+02	1.8504 E+03	2.8028 E+01	- 4.5209 E+04	5.3073 E+04	4.1605 E+04	- 1.1529 E+03	5.5564 E+03	6.0634 E+05	- 5.5480 E+01	8.6102 E+02	1.2500 E+02	2.2336 E+03	9.1277 E+04	2.1691 E+03
3.1687 E+02	1.7943 E+03	1.1096 E+02	- 4.5209 E+04	4.6439 E+04	1.6655 E+05	- 1.1529 E+03	5.1595 E+03	8.3142 E+05	- 5.5480 E+01	8.3133 E+02	5.4723 E+01	2.2336 E+03	8.7897 E+04	9.5865 E+01
3.1687 E+02	1.7383 E+03	1.2853 E+02	- 4.5209 E+04	3.9804 E+04	3.4470 E+05	- 1.1529 E+03	4.7626 E+03	1.0105 E+06	- 5.5480 E+01	8.0163 E+02	6.9211 E+01	2.2336 E+03	8.4516 E+04	2.9263 E+02
3.1687 E+02	1.6822 E+03	7.0034 E+01	- 4.5209 E+04	3.3170 E+04	5.9334 E+05	- 1.1529 E+03	4.3658 E+03	1.2575 E+06	- 5.5480 E+01	7.7194 E+02	6.3727 E+02	2.2336 E+03	8.1135 E+04	1.0791 E+03
3.1687 E+02	1.6261 E+03	1.8194 E+02	- 4.5209 E+04	2.6536 E+04	1.2929 E+06	- 1.1529 E+03	3.9689 E+03	1.5524 E+06	- 5.5480 E+01	7.4225 E+02	3.0876 E+02	2.2336 E+03	7.7755 E+04	1.8306 E+03
3.1687 E+02	1.5700 E+03	5.6791 E+01	- 4.5209 E+04	1.9902 E+04	2.2967 E+06	- 1.1529 E+03	3.5720 E+03	2.5502 E+06	- 5.5480 E+01	7.1256 E+02	8.8825 E+02	2.2336 E+03	7.4374 E+04	1.9015 E+03
3.1687 E+02	1.5140 E+03	6.3113 E+02	- 4.5209 E+04	1.3268 E+04	3.5678 E+06	- 1.1529 E+03	3.1751 E+03	2.9773 E+06	- 5.5480 E+01	6.8287 E+02	2.9612 E+02	2.2336 E+03	7.0994 E+04	2.4267 E+03
3.1687 E+02	1.4579 E+03	4.0322 E+02	- 4.5209 E+04	6.6341 E+03	7.7123 E+06	- 1.1529 E+03	2.7782 E+03	3.2975 E+06	- 5.5480 E+01	6.5318 E+02	2.0652 E+03	2.2336 E+03	6.7613 E+04	6.2765 E+03
3.1687 E+02	1.4018 E+03	3.4673 E+02	- 4.5209 E+04	0.0000 E+00	1.3463 E+07	- 1.1529 E+03	2.3813 E+03	3.8669 E+06	- 5.5480 E+01	6.2349 E+02	1.3875 E+03	2.2336 E+03	6.4232 E+04	4.5064 E+03
3.1687 E+02	1.3458 E+03	6.4470 E+02	- 5.2422 E+04	3.3170 E+05	1.6856 E+00	- 1.1529 E+03	1.9844 E+03	4.4464 E+06	- 5.5480 E+01	5.9380 E+02	1.4822 E+03	2.2336 E+03	6.0852 E+04	6.1860 E+03
3.1687 E+02	1.2897 E+03	8.3865 E+02	- 5.2422 E+04	2.7863 E+05	1.6856 E+00	- 1.1529 E+03	1.5875 E+03	4.2557 E+06	- 5.5480 E+01	5.6411 E+02	5.1623 E+03	2.2336 E+03	5.7471 E+04	7.3346 E+03

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.1687 E+02	1.2336 E+03	5.8869 E+02	- 5.2422 E+04	2.7200 E+05	5.1856 E+00	- 1.1529 E+03	1.1907 E+03	4.4431 E+06	- 5.5480 E+01	5.3442 E+02	5.2636 E+03	2.2336 E+03	5.4090 E+04	1.4212 E+04
3.1687 E+02	1.1775 E+03	1.3139 E+03	- 5.2422 E+04	2.6536 E+05	3.5000 E+00	- 1.1529 E+03	7.9377 E+02	6.2648 E+06	- 5.5480 E+01	5.0473 E+02	6.4504 E+03	2.2336 E+03	5.0710 E+04	2.4126 E+04
3.1687 E+02	1.1215 E+03	1.7924 E+03	- 5.2422 E+04	2.5873 E+05	9.9461 E+00	- 1.1529 E+03	3.9689 E+02	1.6448 E+07	- 5.5480 E+01	4.7504 E+02	5.4469 E+03	2.2336 E+03	4.7329 E+04	3.6996 E+04
3.1687 E+02	1.0654 E+03	2.2944 E+03	- 5.2422 E+04	2.5210 E+05	2.3557 E+01	- 1.1529 E+03	0.0000 E+00	3.6515 E+07	- 5.5480 E+01	4.4535 E+02	7.6322 E+03	2.2336 E+03	4.3948 E+04	5.1516 E+04
3.1687 E+02	1.0093 E+03	3.4296 E+03	- 5.2422 E+04	2.3883 E+05	1.7500 E+00	- 1.6477 E+03	1.8257 E+04	2.7898 E+00	- 5.5480 E+01	4.1566 E+02	2.2636 E+04	2.2336 E+03	4.0568 E+04	7.4483 E+04
3.1687 E+02	9.5324 E+02	2.6600 E+03	- 5.2422 E+04	2.3219 E+05	1.2665 E+01	- 1.6477 E+03	1.7860 E+04	3.4496 E+00	- 5.5480 E+01	3.8597 E+02	3.4412 E+04	2.2336 E+03	3.7187 E+04	1.8407 E+05
3.1687 E+02	8.9717 E+02	8.9305 E+03	- 5.2422 E+04	2.2556 E+05	6.6113 E+00	- 1.6477 E+03	1.7463 E+04	6.7234 E+01	- 5.5480 E+01	3.5628 E+02	5.1546 E+04	2.2336 E+03	3.3806 E+04	3.0282 E+05
3.1687 E+02	8.4110 E+02	4.5141 E+03	- 5.2422 E+04	2.1892 E+05	3.5000 E+00	- 1.6477 E+03	1.7066 E+04	2.0247 E+01	- 5.5480 E+01	3.2659 E+02	6.9253 E+04	2.2336 E+03	3.0426 E+04	6.1354 E+05
3.1687 E+02	7.8502 E+02	1.0995 E+04	- 5.2422 E+04	2.1229 E+05	2.0448 E+00	- 1.6477 E+03	1.6669 E+04	1.1776 E+01	- 5.5480 E+01	2.9690 E+02	9.0760 E+04	2.2336 E+03	2.7045 E+04	1.1807 E+06
3.1687 E+02	7.2895 E+02	2.2262 E+04	- 5.2422 E+04	2.0566 E+05	1.9541 E+01	- 1.6477 E+03	1.6272 E+04	1.1057 E+01	- 5.5480 E+01	2.6721 E+02	1.0988 E+05	2.2336 E+03	2.3665 E+04	2.3282 E+06
3.1687 E+02	6.7288 E+02	3.0763 E+04	- 5.2422 E+04	1.9902 E+05	4.9956 E+00	- 1.6477 E+03	1.5875 E+04	2.6517 E+01	- 5.5480 E+01	2.3752 E+02	1.5182 E+05	2.2336 E+03	2.0284 E+04	4.4004 E+06
3.1687 E+02	6.1681 E+02	6.1702 E+04	- 5.2422 E+04	1.9239 E+05	3.9385 E+00	- 1.6477 E+03	1.5479 E+04	2.3698 E+02	- 5.5480 E+01	2.0783 E+02	1.8978 E+05	2.2336 E+03	1.6903 E+04	7.9386 E+06
3.1687 E+02	5.6073 E+02	1.0104 E+05	- 5.2422 E+04	1.8575 E+05	1.4288 E+01	- 1.6477 E+03	1.5082 E+04	6.5221 E+02	- 5.5480 E+01	1.7814 E+02	2.5274 E+05	2.2336 E+03	1.3523 E+04	1.4700 E+07
3.1687 E+02	5.0466 E+02	2.0401 E+05	- 5.2422 E+04	1.7912 E+05	1.2524 E+00	- 1.6477 E+03	1.4685 E+04	8.9334 E+02	- 5.5480 E+01	1.4845 E+02	2.9486 E+05	2.2336 E+03	1.0142 E+04	2.5604 E+07
3.1687 E+02	4.4859 E+02	4.1162 E+05	- 5.2422 E+04	1.7249 E+05	3.5374 E+00	- 1.6477 E+03	1.4288 E+04	3.7212 E+03	- 5.5480 E+01	1.1876 E+02	2.6951 E+05	2.2336 E+03	6.7613 E+03	3.6998 E+07
3.1687 E+02	3.9251 E+02	7.6527 E+05	- 5.2422 E+04	1.6585 E+05	1.0593 E+02	- 1.6477 E+03	1.3891 E+04	2.4579 E+03	- 5.5480 E+01	8.9071 E+01	5.6595 E+05	2.2336 E+03	3.3806 E+03	4.6797 E+07
3.1687 E+02	3.3644 E+02	1.4516 E+06	- 5.2422 E+04	1.5922 E+05	2.1245 E+02	- 1.6477 E+03	1.3494 E+04	2.9427 E+03	- 5.5480 E+01	5.9380 E+01	2.6447 E+06	2.2336 E+03	0.0000 E+00	1.1725 E+08
3.1687 E+02	2.8037 E+02	2.6216 E+06	- 5.2422 E+04	1.5258 E+05	8.8152 E+00	- 1.6477 E+03	1.3097 E+04	5.7328 E+03	- 5.5480 E+01	2.9690 E+01	2.0371 E+07	- 1.4103 E+03	1.6227 E+05	2.5000 E+00

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Document:
 0138-8633 VER 00

Description:
 Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.1687 E+02	2.2429 E+02	4.1148 E+06	- 5.2422 E+04	1.4595 E+05	4.3339 E+00	- 1.6477 E+03	1.2700 E+04	9.0689 E+03	- 5.5480 E+01	0.0000 E+00	4.9583 E+07	- 1.4103 E+03	1.4875 E+05	2.5000 E+00
3.1687 E+02	1.6822 E+02	6.1209 E+06	- 5.2422 E+04	1.3932 E+05	2.4675 E+01	- 1.6477 E+03	1.2303 E+04	8.0501 E+03	- 8.5697 E+01	1.1282 E+03	4.2500 E+00	- 1.4103 E+03	1.3861 E+05	5.5795 E+00
3.1687 E+02	1.1215 E+02	7.4572 E+06	- 5.2422 E+04	1.3268 E+05	6.7315 E+02	- 1.6477 E+03	1.1907 E+04	8.3335 E+03	- 8.5697 E+01	1.0985 E+03	1.6231 E+01	- 1.4103 E+03	1.3185 E+05	2.6061 E+00
3.1687 E+02	5.6073 E+01	1.4788 E+07	- 5.2422 E+04	1.2605 E+05	4.2033 E+01	- 1.6477 E+03	1.1510 E+04	1.6934 E+04	- 8.5697 E+01	1.0392 E+03	8.9864 E+00	- 1.4103 E+03	1.2170 E+05	1.0651 E+01
3.1687 E+02	0.0000 E+00	4.0859 E+07	- 5.2422 E+04	1.1941 E+05	2.5775 E+03	- 1.6477 E+03	1.1113 E+04	2.1894 E+04	- 8.5697 E+01	1.0095 E+03	1.0607 E-01	- 1.4103 E+03	1.1832 E+05	1.3287 E+01
2.5423 E+02	2.8037 E+03	6.5105 E+00	- 5.2422 E+04	1.1278 E+05	6.5267 E+02	- 1.6477 E+03	1.0716 E+04	3.5760 E+04	- 8.5697 E+01	9.2040 E+02	3.6278 E+00	- 1.4103 E+03	1.1494 E+05	1.9234 E+00
2.5423 E+02	2.5794 E+03	1.7500 E+00	- 5.2422 E+04	1.0615 E+05	9.8793 E+02	- 1.6477 E+03	1.0319 E+04	3.1737 E+04	- 8.5697 E+01	8.9071 E+02	5.0415 E-02	- 1.4103 E+03	1.1156 E+05	2.2070 E+03
2.5423 E+02	2.5233 E+03	1.6856 E+00	- 5.2422 E+04	9.9511 E+04	1.0264 E+03	- 1.6477 E+03	9.9222 E+03	5.0465 E+04	- 8.5697 E+01	8.6102 E+02	2.3053 E+01	- 1.4103 E+03	1.0818 E+05	4.2081 E+03
2.5423 E+02	2.4672 E+03	1.7500 E+00	- 5.2422 E+04	9.2877 E+04	2.0693 E+03	- 1.6477 E+03	9.5253 E+03	8.0451 E+04	- 8.5697 E+01	8.3133 E+02	1.2292 E+02	- 1.4103 E+03	1.0480 E+05	2.1055 E+03
2.5423 E+02	2.4111 E+03	1.7500 E+00	- 5.2422 E+04	8.6243 E+04	1.8237 E+03	- 1.6477 E+03	9.1284 E+03	1.2312 E+05	- 8.5697 E+01	7.7194 E+02	8.8830 E+00	- 1.4103 E+03	1.0142 E+05	5.0768 E-01
2.5423 E+02	2.3551 E+03	1.7500 E+00	- 5.2422 E+04	7.9609 E+04	1.7646 E+04	- 1.6477 E+03	8.7315 E+03	1.4615 E+05	- 8.5697 E+01	7.4225 E+02	1.0549 E+02	- 1.4103 E+03	9.8039 E+04	1.4164 E+01
2.5423 E+02	2.2990 E+03	2.0996 E+01	- 5.2422 E+04	7.2975 E+04	8.9059 E+03	- 1.6477 E+03	8.3346 E+03	1.9952 E+05	- 8.5697 E+01	7.1256 E+02	1.2595 E+01	- 1.4103 E+03	9.4658 E+04	1.1710 E+03
2.5423 E+02	2.2429 E+03	5.1213 E+00	- 5.2422 E+04	6.6341 E+04	9.9163 E+03	- 1.6477 E+03	7.9377 E+03	2.3567 E+05	- 8.5697 E+01	6.8287 E+02	1.3494 E+02	- 1.4103 E+03	9.1277 E+04	1.0789 E+03
2.5423 E+02	2.1869 E+03	7.4319 E+00	- 5.2422 E+04	5.9707 E+04	2.4191 E+04	- 1.6477 E+03	7.5409 E+03	1.8325 E+05	- 8.5697 E+01	6.5318 E+02	1.8960 E+01	- 1.4103 E+03	8.7897 E+04	1.3403 E+02
2.5423 E+02	2.1308 E+03	3.3330 E+01	- 5.2422 E+04	5.3073 E+04	2.5058 E+04	- 1.6477 E+03	7.1440 E+03	2.8872 E+05	- 8.5697 E+01	6.2349 E+02	2.2440 E+02	- 1.4103 E+03	8.4516 E+04	1.1310 E+03
2.5423 E+02	2.0747 E+03	4.9895 E+00	- 5.2422 E+04	4.6439 E+04	1.0866 E+05	- 1.6477 E+03	6.7471 E+03	3.3340 E+05	- 8.5697 E+01	5.9380 E+02	1.5384 E+02	- 1.4103 E+03	8.1135 E+04	2.2987 E+03
2.5423 E+02	2.0186 E+03	3.6512 E+00	- 5.2422 E+04	3.9804 E+04	2.7507 E+05	- 1.6477 E+03	6.3502 E+03	4.7479 E+05	- 8.5697 E+01	5.6411 E+02	2.1425 E+02	- 1.4103 E+03	7.7755 E+04	5.5740 E+03
2.5423 E+02	1.9626 E+03	1.8328 E+01	- 5.2422 E+04	3.3170 E+04	5.6260 E+05	- 1.6477 E+03	5.9533 E+03	5.7216 E+05	- 8.5697 E+01	5.3442 E+02	3.9114 E+02	- 1.4103 E+03	7.4374 E+04	2.4581 E+03

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.5423 E+02	1.9065 E+03	2.8332 E+01	- 5.2422 E+04	2.6536 E+04	1.2668 E+06	- 1.6477 E+03	5.5564 E+03	7.2441 E+05	- 8.5697 E+01	5.0473 E+02	2.6204 E+02	- 1.4103 E+03	7.0994 E+04	2.2246 E+03
2.5423 E+02	1.8504 E+03	1.3661 E+01	- 5.2422 E+04	1.9902 E+04	1.9767 E+06	- 1.6477 E+03	5.1595 E+03	1.1420 E+06	- 8.5697 E+01	4.7504 E+02	1.0341 E+03	- 1.4103 E+03	6.7613 E+04	2.6082 E+03
2.5423 E+02	1.7943 E+03	1.5098 E+01	- 5.2422 E+04	1.3268 E+04	2.9107 E+06	- 1.6477 E+03	4.7626 E+03	1.1111 E+06	- 8.5697 E+01	4.4535 E+02	5.3993 E+02	- 1.4103 E+03	6.4232 E+04	1.3141 E+03
2.5423 E+02	1.7383 E+03	2.1957 E+01	- 5.2422 E+04	6.6341 E+03	5.7388 E+06	- 1.6477 E+03	4.3658 E+03	1.4641 E+06	- 8.5697 E+01	4.1566 E+02	4.4357 E+03	- 1.4103 E+03	6.0852 E+04	6.0162 E+03
2.5423 E+02	1.6822 E+03	4.1535 E+00	- 5.2422 E+04	0.0000 E+00	1.2758 E+07	- 1.6477 E+03	3.9689 E+03	1.7398 E+06	- 8.5697 E+01	3.8597 E+02	2.6318 E+03	- 1.4103 E+03	5.7471 E+04	2.9161 E+04
2.5423 E+02	1.6261 E+03	2.1443 E+01	- 5.9635 E+04	2.9190 E+05	1.6856 E+00	- 1.6477 E+03	3.5720 E+03	2.3002 E+06	- 8.5697 E+01	3.5628 E+02	6.5044 E+03	- 1.4103 E+03	5.4090 E+04	1.9786 E+04
2.5423 E+02	1.5700 E+03	8.1212 E+00	- 5.9635 E+04	2.8527 E+05	3.3713 E+00	- 1.6477 E+03	3.1751 E+03	2.6650 E+06	- 8.5697 E+01	3.2659 E+02	7.0593 E+03	- 1.4103 E+03	5.0710 E+04	1.3295 E+04
2.5423 E+02	1.5140 E+03	2.1627 E+01	- 5.9635 E+04	2.7863 E+05	3.3713 E+00	- 1.6477 E+03	2.7782 E+03	3.3428 E+06	- 8.5697 E+01	2.9690 E+02	1.8619 E+04	- 1.4103 E+03	4.7329 E+04	1.9206 E+04
2.5423 E+02	1.4579 E+03	3.8286 E+01	- 5.9635 E+04	2.7200 E+05	1.1567 E+01	- 1.6477 E+03	2.3813 E+03	3.5555 E+06	- 8.5697 E+01	2.6721 E+02	9.3225 E+03	- 1.4103 E+03	4.3948 E+04	2.5578 E+04
2.5423 E+02	1.4018 E+03	1.0066 E+02	- 5.9635 E+04	2.6536 E+05	3.3713 E+00	- 1.6477 E+03	1.9844 E+03	3.0898 E+06	- 8.5697 E+01	2.3752 E+02	1.7488 E+04	- 1.4103 E+03	4.0568 E+04	7.1629 E+04
2.5423 E+02	1.3458 E+03	6.9012 E+01	- 5.9635 E+04	2.5873 E+05	3.4238 E+01	- 1.6477 E+03	1.5875 E+03	3.2727 E+06	- 8.5697 E+01	2.0783 E+02	2.2276 E+04	- 1.4103 E+03	3.7187 E+04	1.1271 E+05
2.5423 E+02	1.2897 E+03	6.9833 E+01	- 5.9635 E+04	2.5210 E+05	9.8818 E+00	- 1.6477 E+03	1.1907 E+03	3.6902 E+06	- 8.5697 E+01	1.7814 E+02	3.4335 E+04	- 1.4103 E+03	3.3806 E+04	2.0175 E+05
2.5423 E+02	1.2336 E+03	1.2873 E+02	- 5.9635 E+04	2.4546 E+05	1.6443 E+01	- 1.6477 E+03	7.9377 E+02	5.8623 E+06	- 8.5697 E+01	1.4845 E+02	3.3942 E+04	- 1.4103 E+03	3.0426 E+04	4.7680 E+05
2.5423 E+02	1.1775 E+03	3.5307 E+02	- 5.9635 E+04	2.3883 E+05	1.8004 E+00	- 1.6477 E+03	3.9689 E+02	1.3669 E+07	- 8.5697 E+01	1.1876 E+02	4.8552 E+04	- 1.4103 E+03	2.7045 E+04	1.0055 E+06
2.5423 E+02	1.1215 E+03	5.3642 E+02	- 5.9635 E+04	2.3219 E+05	3.0890 E+01	- 1.6477 E+03	0.0000 E+00	2.7952 E+07	- 8.5697 E+01	8.9071 E+01	1.3106 E+05	- 1.4103 E+03	2.3665 E+04	2.1260 E+06
2.5423 E+02	1.0654 E+03	8.0031 E+02	- 5.9635 E+04	2.2556 E+05	2.2789 E+01	- 2.1426 E+03	1.7860 E+04	6.5980 E-01	- 8.5697 E+01	5.9380 E+01	8.1496 E+05	- 1.4103 E+03	2.0284 E+04	4.4777 E+06
2.5423 E+02	1.0093 E+03	1.2955 E+03	- 5.9635 E+04	2.1892 E+05	9.1920 E+00	- 2.1426 E+03	1.7463 E+04	8.7165 E+01	- 8.5697 E+01	2.9690 E+01	6.4694 E+06	- 1.4103 E+03	1.6903 E+04	8.9920 E+06
2.5423 E+02	9.5324 E+02	1.8026 E+03	- 5.9635 E+04	2.1229 E+05	2.7898 E+00	- 2.1426 E+03	1.7066 E+04	4.1806 E+00	- 8.5697 E+01	0.0000 E+00	1.6813 E+07	- 1.4103 E+03	1.3523 E+04	1.7341 E+07

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.5423 E+02	8.9717 E+02	2.1840 E+03	- 5.9635 E+04	2.0566 E+05	1.4186 E+00	- 2.1426 E+03	1.6669 E+04	1.8200 E+02	- 1.1591 E+02	1.1579 E+03	1.7500 E+00	- 1.4103 E+03	1.0142 E+04	2.9079 E+07
2.5423 E+02	8.4110 E+02	1.1493 E+04	- 5.9635 E+04	1.9902 E+05	2.8756 E+01	- 2.1426 E+03	1.6272 E+04	3.7177 E+02	- 1.1591 E+02	1.0688 E+03	1.7500 E+00	- 1.4103 E+03	6.7613 E+03	3.8872 E+07
2.5423 E+02	7.8502 E+02	1.3652 E+04	- 5.9635 E+04	1.9239 E+05	5.0294 E+00	- 2.1426 E+03	1.5875 E+04	1.4526 E+02	- 1.1591 E+02	9.7978 E+02	1.2500 E+00	- 1.4103 E+03	3.3806 E+03	4.0616 E+07
2.5423 E+02	7.2895 E+02	2.4575 E+04	- 5.9635 E+04	1.8575 E+05	3.1796 E+01	- 2.1426 E+03	1.5479 E+04	3.0145 E+01	- 1.1591 E+02	8.9071 E+02	2.4301 E-03	- 1.4103 E+03	0.0000 E+00	7.9923 E+07
2.5423 E+02	6.7288 E+02	2.0086 E+04	- 5.9635 E+04	1.7912 E+05	1.2601 E+02	- 2.1426 E+03	1.5082 E+04	1.5769 E+01	- 1.1591 E+02	8.6102 E+02	6.2500 E-01	- 5.0543 E+03	1.5213 E+05	2.5000 E+00
2.5423 E+02	6.1681 E+02	8.3044 E+04	- 5.9635 E+04	1.7249 E+05	3.4799 E+00	- 2.1426 E+03	1.4685 E+04	1.4208 E+03	- 1.1591 E+02	8.3133 E+02	2.5000 E+00	- 5.0543 E+03	1.3861 E+05	2.5000 E+00
2.5423 E+02	5.6073 E+02	1.1492 E+05	- 5.9635 E+04	1.6585 E+05	1.3363 E+01	- 2.1426 E+03	1.4288 E+04	1.7244 E+02	- 1.1591 E+02	7.7194 E+02	2.1353 E+01	- 5.0543 E+03	1.2170 E+05	1.5115 E-02
2.5423 E+02	5.0466 E+02	3.2665 E+05	- 5.9635 E+04	1.5922 E+05	2.6181 E+01	- 2.1426 E+03	1.3891 E+04	1.5485 E+02	- 1.1591 E+02	7.4225 E+02	3.2376 E+01	- 5.0543 E+03	1.1832 E+05	6.5980 E-01
2.5423 E+02	4.4859 E+02	5.2785 E+05	- 5.9635 E+04	1.5258 E+05	2.7576 E+01	- 2.1426 E+03	1.3494 E+04	2.1415 E+03	- 1.1591 E+02	7.1256 E+02	2.1303 E+01	- 5.0543 E+03	1.1156 E+05	7.5000 E+00
2.5423 E+02	3.9251 E+02	1.1471 E+06	- 5.9635 E+04	1.4595 E+05	2.3511 E+02	- 2.1426 E+03	1.3097 E+04	8.3977 E+02	- 1.1591 E+02	6.8287 E+02	1.3196 E+00	- 5.0543 E+03	1.0818 E+05	2.0175 E+00
2.5423 E+02	3.3644 E+02	1.9811 E+06	- 5.9635 E+04	1.3932 E+05	3.7328 E+02	- 2.1426 E+03	1.2700 E+04	1.0540 E+03	- 1.1591 E+02	6.5318 E+02	2.6882 E+01	- 5.0543 E+03	1.0480 E+05	2.1041 E+03
2.5423 E+02	2.8037 E+02	3.6750 E+06	- 5.9635 E+04	1.3268 E+05	2.2154 E+02	- 2.1426 E+03	1.2303 E+04	1.4112 E+03	- 1.1591 E+02	5.9380 E+02	8.5892 E+00	- 5.0543 E+03	1.0142 E+05	2.1067 E+03
2.5423 E+02	2.2429 E+02	5.8923 E+06	- 5.9635 E+04	1.2605 E+05	3.8366 E+02	- 2.1426 E+03	1.1907 E+04	2.9799 E+03	- 1.1591 E+02	5.6411 E+02	2.3664 E+01	- 5.0543 E+03	9.8039 E+04	2.1052 E+03
2.5423 E+02	1.6822 E+02	9.1039 E+06	- 5.9635 E+04	1.1941 E+05	3.7783 E+02	- 2.1426 E+03	1.1510 E+04	8.2482 E+03	- 1.1591 E+02	5.3442 E+02	7.3886 E+01	- 5.0543 E+03	9.4658 E+04	7.4971 E+00
2.5423 E+02	1.1215 E+02	1.1270 E+07	- 5.9635 E+04	1.1278 E+05	4.3395 E+02	- 2.1426 E+03	1.1113 E+04	5.5463 E+03	- 1.1591 E+02	5.0473 E+02	1.2721 E+02	- 5.0543 E+03	9.1277 E+04	4.0362 E+01
2.5423 E+02	5.6073 E+01	1.6044 E+07	- 5.9635 E+04	1.0615 E+05	1.3660 E+03	- 2.1426 E+03	1.0716 E+04	1.2714 E+04	- 1.1591 E+02	4.7504 E+02	6.7899 E+02	- 5.0543 E+03	8.7897 E+04	2.1928 E+02
2.5423 E+02	0.0000 E+00	4.8766 E+07	- 5.9635 E+04	9.9511 E+04	2.7220 E+03	- 2.1426 E+03	1.0319 E+04	1.7039 E+04	- 1.1591 E+02	4.4535 E+02	7.6328 E+01	- 5.0543 E+03	8.4516 E+04	1.1710 E+03
1.9159 E+02	2.5233 E+03	1.7500 E+00	- 5.9635 E+04	9.2877 E+04	3.2779 E+03	- 2.1426 E+03	9.9222 E+03	1.8666 E+04	- 1.1591 E+02	4.1566 E+02	6.5026 E+01	- 5.0543 E+03	8.1135 E+04	1.0886 E+03

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.9159 E+02	2.4111 E+03	1.6856 E+00	- 5.9635 E+04	8.6243 E+04	2.7778 E+03	- 2.1426 E+03	9.5253 E+03	4.1401 E+04	- 1.1591 E+02	3.8597 E+02	2.9560 E+02	- 5.0543 E+03	7.7755 E+04	1.8172 E+01
1.9159 E+02	2.1869 E+03	9.9461 E+00	- 5.9635 E+04	7.9609 E+04	2.9495 E+03	- 2.1426 E+03	9.1284 E+03	6.1154 E+04	- 1.1591 E+02	3.5628 E+02	5.7176 E+02	- 5.0543 E+03	7.4374 E+04	2.6822 E+01
1.9159 E+02	2.1308 E+03	9.5105 E+00	- 5.9635 E+04	7.2975 E+04	1.0177 E+04	- 2.1426 E+03	8.7315 E+03	1.0636 E+05	- 1.1591 E+02	3.2659 E+02	2.1883 E+02	- 5.0543 E+03	7.0994 E+04	1.1067 E+03
1.9159 E+02	2.0747 E+03	5.2500 E+00	- 5.9635 E+04	6.6341 E+04	1.1750 E+04	- 2.1426 E+03	8.3346 E+03	1.4295 E+05	- 1.1591 E+02	2.9690 E+02	7.8086 E+02	- 5.0543 E+03	6.7613 E+04	5.1009 E+02
1.9159 E+02	2.0186 E+03	3.5000 E+00	- 5.9635 E+04	5.9707 E+04	4.2948 E+04	- 2.1426 E+03	7.9377 E+03	1.6516 E+05	- 1.1591 E+02	2.6721 E+02	9.6944 E+02	- 5.0543 E+03	6.4232 E+04	2.8968 E+02
1.9159 E+02	1.9626 E+03	2.8636 E+01	- 5.9635 E+04	5.3073 E+04	2.8883 E+04	- 2.1426 E+03	7.5409 E+03	2.2066 E+05	- 1.1591 E+02	2.3752 E+02	1.2573 E+03	- 5.0543 E+03	6.0852 E+04	1.7343 E+02
1.9159 E+02	1.9065 E+03	1.6521 E+01	- 5.9635 E+04	4.6439 E+04	8.5772 E+04	- 2.1426 E+03	7.1440 E+03	3.0405 E+05	- 1.1591 E+02	2.0783 E+02	3.1208 E+03	- 5.0543 E+03	5.7471 E+04	9.7593 E+02
1.9159 E+02	1.8504 E+03	3.3652 E+01	- 5.9635 E+04	3.9804 E+04	2.8512 E+05	- 2.1426 E+03	6.7471 E+03	4.0716 E+05	- 1.1591 E+02	1.7814 E+02	8.6046 E+03	- 5.0543 E+03	5.4090 E+04	3.4519 E+02
1.9159 E+02	1.7943 E+03	1.5134 E+01	- 5.9635 E+04	3.3170 E+04	6.3769 E+05	- 2.1426 E+03	6.3502 E+03	4.6207 E+05	- 1.1591 E+02	1.4845 E+02	3.8848 E+03	- 5.0543 E+03	5.0710 E+04	6.8660 E+02
1.9159 E+02	1.7383 E+03	1.3747 E+01	- 5.9635 E+04	2.6536 E+04	1.4686 E+06	- 2.1426 E+03	5.9533 E+03	5.3960 E+05	- 1.1591 E+02	1.1876 E+02	1.5382 E+04	- 5.0543 E+03	4.7329 E+04	3.2718 E+03
1.9159 E+02	1.6822 E+03	3.1250 E+00	- 5.9635 E+04	1.9902 E+04	2.4087 E+06	- 2.1426 E+03	5.5564 E+03	8.2825 E+05	- 1.1591 E+02	8.9071 E+01	4.5658 E+04	- 5.0543 E+03	4.3948 E+04	1.8856 E+03
1.9159 E+02	1.6261 E+03	2.7479 E+01	- 5.9635 E+04	1.3268 E+04	3.7180 E+06	- 2.1426 E+03	5.1595 E+03	1.0009 E+06	- 1.1591 E+02	5.9380 E+01	2.5863 E+05	- 5.0543 E+03	4.0568 E+04	5.1385 E+03
1.9159 E+02	1.5700 E+03	4.1667 E+01	- 5.9635 E+04	6.6341 E+03	7.0779 E+06	- 2.1426 E+03	4.7626 E+03	1.1778 E+06	- 1.1591 E+02	2.9690 E+01	2.2115 E+06	- 5.0543 E+03	3.7187 E+04	5.3308 E+03
1.9159 E+02	1.5140 E+03	5.9277 E+01	- 5.9635 E+04	0.0000 E+00	1.7499 E+07	- 2.1426 E+03	4.3658 E+03	1.4448 E+06	- 1.1591 E+02	0.0000 E+00	5.4314 E+06	- 5.0543 E+03	3.3806 E+04	8.7656 E+03
1.9159 E+02	1.4579 E+03	1.8548 E+02	- 6.6848 E+04	3.1844 E+05	1.6856 E+00	- 2.1426 E+03	3.9689 E+03	1.9742 E+06	- 1.4613 E+02	9.7978 E+02	6.2500 E-01	- 5.0543 E+03	3.0426 E+04	2.3895 E+04
1.9159 E+02	1.4018 E+03	8.3558 E+01	- 6.6848 E+04	2.8527 E+05	1.6856 E+00	- 2.1426 E+03	3.5720 E+03	2.3492 E+06	- 1.4613 E+02	8.6102 E+02	6.2045 E+00	- 5.0543 E+03	2.7045 E+04	4.3415 E+04
1.9159 E+02	1.3458 E+03	2.4101 E+01	- 6.6848 E+04	2.7200 E+05	1.6856 E+00	- 2.1426 E+03	3.1751 E+03	2.5148 E+06	- 1.4613 E+02	8.3133 E+02	3.5000 E+00	- 5.0543 E+03	2.3665 E+04	6.9893 E+04
1.9159 E+02	1.2897 E+03	5.3891 E+01	- 6.6848 E+04	2.6536 E+05	3.3713 E+00	- 2.1426 E+03	2.7782 E+03	2.5766 E+06	- 1.4613 E+02	7.7194 E+02	1.0083 E-01	- 5.0543 E+03	2.0284 E+04	1.0862 E+05

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Document:
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Description:
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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.9159 E+02	1.2336 E+03	2.1773 E+02	- 6.6848 E+04	2.5873 E+05	6.5105 E+00	- 2.1426 E+03	2.3813 E+03	2.9115 E+06	- 1.4613 E+02	7.4225 E+02	1.2500 E+00	- 5.0543 E+03	1.6903 E+04	2.2909 E+05
1.9159 E+02	1.1775 E+03	1.8754 E+02	- 6.6848 E+04	2.5210 E+05	1.6856 E+00	- 2.1426 E+03	1.9844 E+03	2.6973 E+06	- 1.4613 E+02	7.1256 E+02	3.5000 E+00	- 5.0543 E+03	1.3523 E+04	4.1613 E+05
1.9159 E+02	1.1215 E+03	3.2807 E+02	- 6.6848 E+04	2.4546 E+05	9.8818 E+00	- 2.1426 E+03	1.5875 E+03	2.5582 E+06	- 1.4613 E+02	6.8287 E+02	2.1303 E+01	- 5.0543 E+03	1.0142 E+04	5.8334 E+05
1.9159 E+02	1.0654 E+03	1.5411 E+02	- 6.6848 E+04	2.3883 E+05	9.0748 E+00	- 2.1426 E+03	1.1907 E+03	2.8430 E+06	- 1.4613 E+02	5.6411 E+02	6.1008 E+00	- 5.0543 E+03	6.7613 E+03	9.6066 E+05
1.9159 E+02	1.0093 E+03	2.0477 E+03	- 6.6848 E+04	2.3219 E+05	6.5105 E+00	- 2.1426 E+03	7.9377 E+02	5.1098 E+06	- 1.4613 E+02	5.3442 E+02	2.1139 E+01	- 5.0543 E+03	3.3806 E+03	1.9258 E+06
1.9159 E+02	9.5324 E+02	2.8888 E+03	- 6.6848 E+04	2.2556 E+05	3.0628 E+01	- 2.1426 E+03	3.9689 E+02	1.1593 E+07	- 1.4613 E+02	5.0473 E+02	4.1364 E+00	- 5.0543 E+03	0.0000 E+00	1.3769 E+07
1.9159 E+02	8.9717 E+02	3.8596 E+03	- 6.6848 E+04	2.1892 E+05	9.1920 E+00	- 2.1426 E+03	0.0000 E+00	2.3187 E+07	- 1.4613 E+02	4.7504 E+02	2.6515 E+01	- 8.6983 E+03	1.4537 E+05	2.5000 E+00
1.9159 E+02	8.4110 E+02	1.6860 E+04	- 6.6848 E+04	2.1229 E+05	1.8929 E+01	- 2.6375 E+03	1.9051 E+04	8.9360 E+00	- 1.4613 E+02	4.4535 E+02	4.8616 E+00	- 8.6983 E+03	1.1494 E+05	5.0415 E-02
1.9159 E+02	7.8502 E+02	1.0041 E+04	- 6.6848 E+04	2.0566 E+05	2.3172 E+01	- 2.6375 E+03	1.8257 E+04	5.0415 E-02	- 1.4613 E+02	4.1566 E+02	2.1244 E+01	- 8.6983 E+03	1.1156 E+05	1.5115 E-02
1.9159 E+02	7.2895 E+02	1.8554 E+04	- 6.6848 E+04	1.9902 E+05	1.4593 E+01	- 2.6375 E+03	1.7463 E+04	2.5192 E+00	- 1.4613 E+02	3.8597 E+02	1.3372 E+02	- 8.6983 E+03	1.0818 E+05	5.0000 E+00
1.9159 E+02	6.7288 E+02	6.0140 E+04	- 6.6848 E+04	1.9239 E+05	1.0536 E+01	- 2.6375 E+03	1.7066 E+04	3.4225 E+01	- 1.4613 E+02	3.5628 E+02	5.9992 E+01	- 8.6983 E+03	1.0480 E+05	2.6008 E+00
1.9159 E+02	6.1681 E+02	1.1401 E+05	- 6.6848 E+04	1.8575 E+05	6.2983 E+00	- 2.6375 E+03	1.6669 E+04	1.4283 E+02	- 1.4613 E+02	3.2659 E+02	6.6165 E+01	- 8.6983 E+03	1.0142 E+05	5.0000 E+00
1.9159 E+02	5.6073 E+02	2.4947 E+05	- 6.6848 E+04	1.7912 E+05	6.3477 E+00	- 2.6375 E+03	1.6272 E+04	1.0783 E+02	- 1.4613 E+02	2.9690 E+02	2.6667 E+02	- 8.6983 E+03	9.4658 E+04	1.0917 E+02
1.9159 E+02	5.0466 E+02	4.0957 E+05	- 6.6848 E+04	1.7249 E+05	5.3157 E+01	- 2.6375 E+03	1.5875 E+04	2.3357 E+02	- 1.4613 E+02	2.6721 E+02	5.4473 E+01	- 8.6983 E+03	9.1277 E+04	2.0532 E+00
1.9159 E+02	4.4859 E+02	7.5725 E+05	- 6.6848 E+04	1.6585 E+05	1.4910 E+02	- 2.6375 E+03	1.5479 E+04	1.4616 E+02	- 1.4613 E+02	2.3752 E+02	2.8871 E+02	- 8.6983 E+03	8.7897 E+04	6.1468 E+00
1.9159 E+02	3.9251 E+02	1.4762 E+06	- 6.6848 E+04	1.5922 E+05	6.3780 E+02	- 2.6375 E+03	1.5082 E+04	1.5976 E+02	- 1.4613 E+02	2.0783 E+02	7.7218 E+02	- 8.6983 E+03	8.4516 E+04	1.0752 E+03
1.9159 E+02	3.3644 E+02	2.6321 E+06	- 6.6848 E+04	1.5258 E+05	1.2863 E+03	- 2.6375 E+03	1.4685 E+04	2.9162 E+02	- 1.4613 E+02	1.7814 E+02	9.7097 E+02	- 8.6983 E+03	8.1135 E+04	2.6211 E+01
1.9159 E+02	2.8037 E+02	4.5463 E+06	- 6.6848 E+04	1.4595 E+05	6.6272 E+02	- 2.6375 E+03	1.4288 E+04	3.6462 E+01	- 1.4613 E+02	1.4845 E+02	3.4808 E+03	- 8.6983 E+03	7.7755 E+04	7.7675 E+00

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Document:
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Description:
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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.9159 E+02	2.2429 E+02	8.1751 E+06	- 6.6848 E+04	1.3932 E+05	2.4863 E+02	- 2.6375 E+03	1.3891 E+04	1.6746 E+02	- 1.4613 E+02	1.1876 E+02	3.5901 E+03	- 8.6983 E+03	7.4374 E+04	3.3025 E+00
1.9159 E+02	1.6822 E+02	1.1469 E+07	- 6.6848 E+04	1.3268 E+05	2.5436 E+03	- 2.6375 E+03	1.3494 E+04	8.1016 E+01	- 1.4613 E+02	8.9071 E+01	1.6037 E+04	- 8.6983 E+03	7.0994 E+04	1.0878 E+02
1.9159 E+02	1.1215 E+02	1.4377 E+07	- 6.6848 E+04	1.2605 E+05	5.2317 E+03	- 2.6375 E+03	1.3097 E+04	1.0193 E+02	- 1.4613 E+02	5.9380 E+01	8.4546 E+04	- 8.6983 E+03	6.7613 E+04	1.4834 E+01
1.9159 E+02	5.6073 E+01	1.6685 E+07	- 6.6848 E+04	1.1941 E+05	3.4909 E+03	- 2.6375 E+03	1.2700 E+04	2.8873 E+02	- 1.4613 E+02	2.9690 E+01	6.8011 E+05	- 8.6983 E+03	6.4232 E+04	2.5489 E+02
1.9159 E+02	0.0000 E+00	5.0782 E+07	- 6.6848 E+04	1.1278 E+05	1.3504 E+03	- 2.6375 E+03	1.2303 E+04	1.2720 E+02	- 1.4613 E+02	0.0000 E+00	2.0090 E+06	- 8.6983 E+03	6.0852 E+04	1.6349 E+03
1.2895 E+02	2.5794 E+03	6.5105 E+00	- 6.6848 E+04	1.0615 E+05	1.1078 E+04	- 2.6375 E+03	1.1907 E+04	1.6227 E+03	- 1.7635 E+02	5.6411 E+02	5.0000 E+00	- 8.6983 E+03	5.7471 E+04	3.9397 E+02
1.2895 E+02	2.4111 E+03	1.6856 E+00	- 6.6848 E+04	9.9511 E+04	1.3759 E+04	- 2.6375 E+03	1.1510 E+04	5.8688 E+02	- 1.7635 E+02	5.3442 E+02	1.2500 E+00	- 8.6983 E+03	5.4090 E+04	5.0084 E+02
1.2895 E+02	2.2990 E+03	3.4356 E+00	- 6.6848 E+04	9.2877 E+04	1.3587 E+04	- 2.6375 E+03	1.1113 E+04	3.4150 E+02	- 1.7635 E+02	5.0473 E+02	3.5000 E+00	- 8.6983 E+03	5.0710 E+04	2.6383 E+02
1.2895 E+02	2.2429 E+03	6.2500 E-01	- 6.6848 E+04	8.6243 E+04	2.0885 E+04	- 2.6375 E+03	1.0716 E+04	4.6598 E+03	- 1.7635 E+02	4.7504 E+02	6.0696 E+00	- 8.6983 E+03	4.7329 E+04	1.6706 E+03
1.2895 E+02	2.1869 E+03	1.6457 E+01	- 6.6848 E+04	7.9609 E+04	1.4829 E+04	- 2.6375 E+03	1.0319 E+04	2.3469 E+03	- 1.7635 E+02	4.1566 E+02	1.2500 E+00	- 8.6983 E+03	4.3948 E+04	3.1289 E+02
1.2895 E+02	2.1308 E+03	1.7500 E+00	- 6.6848 E+04	7.2975 E+04	1.0040 E+04	- 2.6375 E+03	9.9222 E+03	6.5075 E+03	- 1.7635 E+02	3.8597 E+02	6.8864 E+00	- 8.6983 E+03	4.0568 E+04	8.5497 E+02
1.2895 E+02	2.0747 E+03	1.3021 E+01	- 6.6848 E+04	6.6341 E+04	1.0157 E+04	- 2.6375 E+03	9.5253 E+03	1.9055 E+04	- 1.7635 E+02	3.5628 E+02	9.7150 E+00	- 8.6983 E+03	3.7187 E+04	3.4111 E+02
1.2895 E+02	2.0186 E+03	1.8767 E+01	- 6.6848 E+04	5.9707 E+04	3.1356 E+04	- 2.6375 E+03	9.1284 E+03	2.1708 E+04	- 1.7635 E+02	3.2659 E+02	3.0138 E+01	- 8.6983 E+03	3.3806 E+04	5.7849 E+02
1.2895 E+02	1.9626 E+03	2.3750 E+00	- 6.6848 E+04	5.3073 E+04	3.9804 E+04	- 2.6375 E+03	8.7315 E+03	2.7868 E+04	- 1.7635 E+02	2.9690 E+02	2.3406 E+02	- 8.6983 E+03	3.0426 E+04	6.6055 E+02
1.2895 E+02	1.9065 E+03	1.4771 E+01	- 6.6848 E+04	4.6439 E+04	8.9878 E+04	- 2.6375 E+03	8.3346 E+03	4.2084 E+04	- 1.7635 E+02	2.6721 E+02	1.1843 E+01	- 8.6983 E+03	2.7045 E+04	9.1400 E+02
1.2895 E+02	1.7943 E+03	2.6667 E+01	- 6.6848 E+04	3.9804 E+04	2.4590 E+05	- 2.6375 E+03	7.9377 E+03	7.1369 E+04	- 1.7635 E+02	2.3752 E+02	5.0908 E+01	- 8.6983 E+03	2.3665 E+04	5.1602 E+03
1.2895 E+02	1.7383 E+03	9.1248 E+01	- 6.6848 E+04	3.3170 E+04	5.3178 E+05	- 2.6375 E+03	7.5409 E+03	1.6748 E+05	- 1.7635 E+02	2.0783 E+02	7.7994 E+01	- 8.6983 E+03	2.0284 E+04	8.4805 E+03
1.2895 E+02	1.6822 E+03	6.5987 E+01	- 6.6848 E+04	2.6536 E+04	1.2229 E+06	- 2.6375 E+03	7.1440 E+03	1.5432 E+05	- 1.7635 E+02	1.7814 E+02	1.1646 E+03	- 8.6983 E+03	1.6903 E+04	1.4142 E+04

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.2895 E+02	1.6261 E+03	2.8643 E+01	- 6.6848 E+04	1.9902 E+04	2.7061 E+06	- 2.6375 E+03	6.7471 E+03	3.2284 E+05	- 1.7635 E+02	1.4845 E+02	1.1319 E+03	- 8.6983 E+03	1.3523 E+04	1.2653 E+04
1.2895 E+02	1.5700 E+03	7.9428 E+01	- 6.6848 E+04	1.3268 E+04	3.8531 E+06	- 2.6375 E+03	6.3502 E+03	3.9596 E+05	- 1.7635 E+02	1.1876 E+02	3.9331 E+03	- 8.6983 E+03	1.0142 E+04	3.5205 E+04
1.2895 E+02	1.5140 E+03	1.1866 E+02	- 6.6848 E+04	6.6341 E+03	6.6888 E+06	- 2.6375 E+03	5.9533 E+03	5.2575 E+05	- 1.7635 E+02	8.9071 E+01	6.2093 E+03	- 8.6983 E+03	6.7613 E+03	5.2137 E+04
1.2895 E+02	1.4579 E+03	6.5320 E+01	- 6.6848 E+04	0.0000 E+00	1.9009 E+07	- 2.6375 E+03	5.5564 E+03	6.0765 E+05	- 1.7635 E+02	5.9380 E+01	2.4488 E+04	- 8.6983 E+03	3.3806 E+03	2.4925 E+05
1.2895 E+02	1.4018 E+03	9.1362 E+01	- 7.4060 E+04	2.5873 E+05	6.7426 E+00	- 2.6375 E+03	5.1595 E+03	7.7757 E+05	- 1.7635 E+02	2.9690 E+01	2.2627 E+05	- 8.6983 E+03	0.0000 E+00	1.9939 E+06
1.2895 E+02	1.3458 E+03	1.4904 E+02	- 7.4060 E+04	2.5210 E+05	3.3713 E+00	- 2.6375 E+03	4.7626 E+03	1.1548 E+06	- 1.7635 E+02	0.0000 E+00	6.1220 E+05	- 1.2342 E+04	1.3861 E+05	2.5000 E+00
1.2895 E+02	1.2897 E+03	2.1174 E+02	- 7.4060 E+04	2.4546 E+05	9.8818 E+00	- 2.6375 E+03	4.3658 E+03	1.3106 E+06	- 2.0656 E+02	6.2349 E+02	3.5000 E+00	- 1.2342 E+04	1.2846 E+05	5.0024 E+00
1.2895 E+02	1.2336 E+03	1.7707 E+02	- 7.4060 E+04	2.3219 E+05	4.7372 E+00	- 2.6375 E+03	3.9689 E+03	1.4873 E+06	- 2.0656 E+02	5.9380 E+02	3.5000 E+00	- 1.2342 E+04	9.8039 E+04	8.3335 E-02
1.2895 E+02	1.1775 E+03	2.8089 E+02	- 7.4060 E+04	2.2556 E+05	3.6943 E+01	- 2.6375 E+03	3.5720 E+03	1.7496 E+06	- 2.0656 E+02	4.7504 E+02	3.5000 E+00	- 1.2342 E+04	9.4658 E+04	2.5000 E+00
1.2895 E+02	1.1215 E+03	3.5260 E+02	- 7.4060 E+04	2.1229 E+05	9.1920 E+00	- 2.6375 E+03	3.1751 E+03	2.0823 E+06	- 2.0656 E+02	4.4535 E+02	3.5000 E+00	- 1.2342 E+04	9.1277 E+04	6.2500 E-01
1.2895 E+02	1.0654 E+03	2.1917 E+03	- 7.4060 E+04	2.0566 E+05	5.7035 E+00	- 2.6375 E+03	2.7782 E+03	2.3254 E+06	- 2.0656 E+02	4.1566 E+02	3.5000 E+00	- 1.2342 E+04	8.7897 E+04	1.0083 E-01
1.2895 E+02	1.0093 E+03	1.4490 E+03	- 7.4060 E+04	1.8575 E+05	1.1898 E+01	- 2.6375 E+03	2.3813 E+03	2.6040 E+06	- 2.0656 E+02	3.5628 E+02	8.5049 E+00	- 1.2342 E+04	8.1135 E+04	1.5115 E-02
1.2895 E+02	9.5324 E+02	2.5260 E+03	- 7.4060 E+04	1.7912 E+05	4.6850 E+01	- 2.6375 E+03	1.9844 E+03	2.2264 E+06	- 2.0656 E+02	3.2659 E+02	1.2000 E+01	- 1.2342 E+04	7.7755 E+04	1.0792 E+02
1.2895 E+02	8.9717 E+02	4.0582 E+03	- 7.4060 E+04	1.7249 E+05	9.9584 E+01	- 2.6375 E+03	1.5875 E+03	2.1768 E+06	- 2.0656 E+02	2.9690 E+02	8.7122 E+00	- 1.2342 E+04	7.4374 E+04	1.0495 E+02
1.2895 E+02	8.4110 E+02	1.6647 E+04	- 7.4060 E+04	1.6585 E+05	5.3911 E+01	- 2.6375 E+03	1.1907 E+03	2.1868 E+06	- 2.0656 E+02	2.6721 E+02	8.6125 E+00	- 1.2342 E+04	7.0994 E+04	5.6401 E+00
1.2895 E+02	7.8502 E+02	2.4472 E+04	- 7.4060 E+04	1.5922 E+05	7.6083 E+02	- 2.6375 E+03	7.9377 E+02	4.3924 E+06	- 2.0656 E+02	2.3752 E+02	2.4596 E+02	- 1.2342 E+04	6.7613 E+04	1.2228 E+01
1.2895 E+02	7.2895 E+02	6.6102 E+04	- 7.4060 E+04	1.5258 E+05	8.5433 E+01	- 2.6375 E+03	3.9689 E+02	9.7606 E+06	- 2.0656 E+02	2.0783 E+02	3.7578 E+01	- 1.2342 E+04	6.4232 E+04	2.6419 E+01
1.2895 E+02	6.7288 E+02	1.0080 E+05	- 7.4060 E+04	1.4595 E+05	8.4387 E+02	- 2.6375 E+03	0.0000 E+00	1.6839 E+07	- 2.0656 E+02	1.7814 E+02	4.8237 E+02	- 1.2342 E+04	6.0852 E+04	2.1644 E+02

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Document:
 0138-8633 VER 00

Description:
 Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.2895 E+02	6.1681 E+02	1.8292 E+05	- 7.4060 E+04	1.3932 E+05	2.9891 E+03	- 3.1323 E+03	1.8654 E+04	8.9360 E+00	- 2.0656 E+02	1.4845 E+02	2.5836 E+03	- 1.2342 E+04	5.7471 E+04	9.5663 E+00
1.2895 E+02	5.6073 E+02	3.0549 E+05	- 7.4060 E+04	1.3268 E+05	1.1181 E+03	- 3.1323 E+03	1.7463 E+04	5.1109 E-01	- 2.0656 E+02	1.1876 E+02	2.4788 E+03	- 1.2342 E+04	5.4090 E+04	3.7709 E+02
1.2895 E+02	5.0466 E+02	4.5078 E+05	- 7.4060 E+04	1.2605 E+05	1.0588 E+03	- 3.1323 E+03	1.6669 E+04	4.0501 E-01	- 2.0656 E+02	8.9071 E+01	4.8779 E+03	- 1.2342 E+04	5.0710 E+04	4.6057 E+02
1.2895 E+02	4.4859 E+02	8.4312 E+05	- 7.4060 E+04	1.1941 E+05	6.1277 E+03	- 3.1323 E+03	1.6272 E+04	6.6995 E+01	- 2.0656 E+02	5.9380 E+01	1.4059 E+04	- 1.2342 E+04	4.7329 E+04	9.0814 E+02
1.2895 E+02	3.9251 E+02	1.2577 E+06	- 7.4060 E+04	1.1278 E+05	1.7817 E+04	- 3.1323 E+03	1.5875 E+04	6.5980 E-01	- 2.0656 E+02	2.9690 E+01	7.8919 E+04	- 1.2342 E+04	4.3948 E+04	6.9145 E+02
1.2895 E+02	3.3644 E+02	2.4203 E+06	- 7.4060 E+04	1.0615 E+05	3.2563 E+03	- 3.1323 E+03	1.5479 E+04	2.6565 E+00	- 2.0656 E+02	0.0000 E+00	2.7243 E+05	- 1.2342 E+04	4.0568 E+04	2.5771 E+02
1.2895 E+02	2.8037 E+02	4.0154 E+06	- 7.4060 E+04	9.9511 E+04	5.2478 E+03	- 3.1323 E+03	1.5082 E+04	1.2297 E+02	- 2.3678 E+02	5.6411 E+02	3.5000 E+00	- 1.2342 E+04	3.7187 E+04	8.8219 E+01
1.2895 E+02	2.2429 E+02	6.0156 E+06	- 7.4060 E+04	9.2877 E+04	1.7452 E+04	- 3.1323 E+03	1.4685 E+04	1.1075 E+02	- 2.3678 E+02	5.3442 E+02	4.8602 E-03	- 1.2342 E+04	3.3806 E+04	5.2757 E+02
1.2895 E+02	1.6822 E+02	7.3645 E+06	- 7.4060 E+04	8.6243 E+04	1.7987 E+04	- 3.1323 E+03	1.4288 E+04	6.4934 E+00	- 2.3678 E+02	4.7504 E+02	1.2500 E+00	- 1.2342 E+04	3.0426 E+04	5.9030 E+02
1.2895 E+02	1.1215 E+02	7.8310 E+06	- 7.4060 E+04	7.9609 E+04	3.0229 E+04	- 3.1323 E+03	1.3891 E+04	1.5563 E+01	- 2.3678 E+02	3.8597 E+02	4.7500 E+00	- 1.2342 E+04	2.7045 E+04	2.3803 E+02
1.2895 E+02	5.6073 E+01	1.0445 E+07	- 7.4060 E+04	7.2975 E+04	3.6651 E+04	- 3.1323 E+03	1.3494 E+04	1.5613 E+01	- 2.3678 E+02	3.5628 E+02	1.2500 E+00	- 1.2342 E+04	2.3665 E+04	1.3138 E+03
1.2895 E+02	0.0000 E+00	3.5816 E+07	- 7.4060 E+04	6.6341 E+04	2.2126 E+04	- 3.1323 E+03	1.3097 E+04	8.3190 E-01	- 2.3678 E+02	3.2659 E+02	1.2500 E+00	- 1.2342 E+04	2.0284 E+04	2.0995 E+03
6.6305 E+01	2.7476 E+03	1.7500 E+00	- 7.4060 E+04	5.9707 E+04	6.4032 E+04	- 3.1323 E+03	1.2700 E+04	4.3041 E+00	- 2.3678 E+02	2.9690 E+02	5.2122 E+00	- 1.2342 E+04	1.6903 E+04	4.0718 E+03
6.6305 E+01	2.1869 E+03	1.7500 E+00	- 7.4060 E+04	5.3073 E+04	7.1631 E+04	- 3.1323 E+03	1.2303 E+04	7.9239 E+00	- 2.3678 E+02	2.6721 E+02	5.0049 E+00	- 1.2342 E+04	1.3523 E+04	2.2704 E+03
6.6305 E+01	1.8504 E+03	2.6092 E+01	- 7.4060 E+04	4.6439 E+04	1.1293 E+05	- 3.1323 E+03	1.1907 E+04	4.3144 E+01	- 2.3678 E+02	2.3752 E+02	6.2919 E+00	- 1.2342 E+04	1.0142 E+04	6.2394 E+03
6.6305 E+01	1.7943 E+03	2.6042 E+01	- 7.4060 E+04	3.9804 E+04	1.7980 E+05	- 3.1323 E+03	1.1510 E+04	3.6087 E+01	- 2.3678 E+02	2.0783 E+02	2.7127 E+01	- 1.2342 E+04	6.7613 E+03	1.5609 E+04
6.6305 E+01	1.6822 E+03	1.3696 E+01	- 7.4060 E+04	3.3170 E+04	4.4790 E+05	- 3.1323 E+03	1.1113 E+04	1.1831 E+03	- 2.3678 E+02	1.7814 E+02	2.5324 E+02	- 1.2342 E+04	3.3806 E+03	8.2792 E+04
6.6305 E+01	1.6261 E+03	3.9587 E+01	- 7.4060 E+04	2.6536 E+04	1.1909 E+06	- 3.1323 E+03	1.0716 E+04	1.2450 E+03	- 2.3678 E+02	1.4845 E+02	2.3103 E+02	- 1.2342 E+04	0.0000 E+00	5.8678 E+05

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.6305 E+01	1.5700 E+03	1.4271 E+01	- 7.4060 E+04	1.9902 E+04	2.5858 E+06	- 3.1323 E+03	1.0319 E+04	8.0107 E+02	- 2.3678 E+02	1.1876 E+02	4.7151 E+02	- 1.5986 E+04	1.0142 E+05	6.2500 E-01
6.6305 E+01	1.5140 E+03	1.3122 E+01	- 7.4060 E+04	1.3268 E+04	3.7057 E+06	- 3.1323 E+03	9.9222 E+03	3.8158 E+03	- 2.3678 E+02	8.9071 E+01	2.8241 E+03	- 1.5986 E+04	8.7897 E+04	5.0415 E-02
6.6305 E+01	1.4579 E+03	5.3971 E+01	- 7.4060 E+04	6.6341 E+03	5.5746 E+06	- 3.1323 E+03	9.5253 E+03	8.7055 E+02	- 2.3678 E+02	5.9380 E+01	6.4816 E+03	- 1.5986 E+04	8.1135 E+04	5.0000 E+00
6.6305 E+01	1.4018 E+03	3.9419 E+01	- 7.4060 E+04	0.0000 E+00	1.9232 E+07	- 3.1323 E+03	9.1284 E+03	3.4412 E+03	- 2.3678 E+02	2.9690 E+01	3.0162 E+04	- 1.5986 E+04	7.4374 E+04	1.3508 E+00
6.6305 E+01	1.3458 E+03	4.1634 E+01	- 8.1273 E+04	2.6536 E+05	1.6856 E+00	- 3.1323 E+03	8.7315 E+03	1.6531 E+04	- 2.3678 E+02	0.0000 E+00	9.5374 E+04	- 1.5986 E+04	7.0994 E+04	2.0166 E-01
6.6305 E+01	1.2897 E+03	2.0999 E+01	- 8.1273 E+04	2.5873 E+05	3.3713 E+00	- 3.1323 E+03	8.3346 E+03	1.7043 E+04	- 2.6700 E+02	4.4535 E+02	8.5000 E+00	- 1.5986 E+04	6.4232 E+04	2.2532 E+01
6.6305 E+01	1.2336 E+03	8.0013 E+01	- 8.1273 E+04	2.4546 E+05	1.6856 E+00	- 3.1323 E+03	7.9377 E+03	2.2808 E+04	- 2.6700 E+02	2.9690 E+02	1.2242 E+01	- 1.5986 E+04	6.0852 E+04	2.9421 E+01
6.6305 E+01	1.1775 E+03	6.9686 E+01	- 8.1273 E+04	2.3883 E+05	5.7035 E+00	- 3.1323 E+03	7.5409 E+03	4.7260 E+04	- 2.6700 E+02	2.6721 E+02	5.0000 E+00	- 1.5986 E+04	5.7471 E+04	4.3230 E+02
6.6305 E+01	1.1215 E+03	1.3847 E+02	- 8.1273 E+04	2.3219 E+05	6.5105 E+00	- 3.1323 E+03	7.1440 E+03	7.2871 E+04	- 2.6700 E+02	2.0783 E+02	8.6008 E+00	- 1.5986 E+04	5.4090 E+04	1.3544 E+01
6.6305 E+01	1.0654 E+03	1.2064 E+02	- 8.1273 E+04	2.1892 E+05	3.3070 E+01	- 3.1323 E+03	6.7471 E+03	1.0168 E+05	- 2.6700 E+02	1.7814 E+02	5.1008 E+00	- 1.5986 E+04	5.0710 E+04	1.7861 E+00
6.6305 E+01	1.0093 E+03	1.9499 E+02	- 8.1273 E+04	2.0566 E+05	1.8677 E+01	- 3.1323 E+03	6.3502 E+03	2.3206 E+05	- 2.6700 E+02	1.4845 E+02	3.7843 E+00	- 1.5986 E+04	4.7329 E+04	1.2192 E+01
6.6305 E+01	9.5324 E+02	5.9759 E+03	- 8.1273 E+04	1.9902 E+05	4.8941 E+01	- 3.1323 E+03	5.9533 E+03	2.9340 E+05	- 2.6700 E+02	1.1876 E+02	2.2720 E+02	- 1.5986 E+04	4.3948 E+04	2.5828 E+02
6.6305 E+01	8.9717 E+02	1.3014 E+03	- 8.1273 E+04	1.9239 E+05	6.2000 E+00	- 3.1323 E+03	5.5564 E+03	3.0878 E+05	- 2.6700 E+02	8.9071 E+01	2.1506 E+03	- 1.5986 E+04	4.0568 E+04	5.7428 E+01
6.6305 E+01	8.4110 E+02	7.0919 E+03	- 8.1273 E+04	1.8575 E+05	3.4069 E+01	- 3.1323 E+03	5.1595 E+03	5.3273 E+05	- 2.6700 E+02	5.9380 E+01	4.4751 E+03	- 1.5986 E+04	3.7187 E+04	4.7596 E+01
6.6305 E+01	7.8502 E+02	5.4186 E+03	- 8.1273 E+04	1.7912 E+05	1.1146 E+02	- 3.1323 E+03	4.7626 E+03	7.4552 E+05	- 2.6700 E+02	2.9690 E+01	8.3776 E+03	- 1.5986 E+04	3.3806 E+04	2.2449 E+02
6.6305 E+01	7.2895 E+02	2.6089 E+04	- 8.1273 E+04	1.7249 E+05	2.7898 E+00	- 3.1323 E+03	4.3658 E+03	1.0004 E+06	- 2.6700 E+02	0.0000 E+00	2.6545 E+04	- 1.5986 E+04	3.0426 E+04	2.7614 E+02
6.6305 E+01	6.7288 E+02	4.8585 E+04	- 8.1273 E+04	1.6585 E+05	2.4600 E+01	- 3.1323 E+03	3.9689 E+03	1.3855 E+06	- 2.9721 E+02	2.9690 E+02	2.1215 E-01	- 1.5986 E+04	2.7045 E+04	2.7202 E+02
6.6305 E+01	6.1681 E+02	8.2896 E+04	- 8.1273 E+04	1.5922 E+05	2.9974 E+02	- 3.1323 E+03	3.5720 E+03	1.7385 E+06	- 2.9721 E+02	2.0783 E+02	1.0569 E-01	- 1.5986 E+04	2.3665 E+04	1.0336 E+02

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.6305 E+01	5.6073 E+02	1.4780 E+05	- 8.1273 E+04	1.5258 E+05	1.3674 E+03	- 3.1323 E+03	3.1751 E+03	1.7084 E+06	- 2.9721 E+02	1.7814 E+02	1.0167 E+01	- 1.5986 E+04	2.0284 E+04	3.1425 E+02
6.6305 E+01	5.0466 E+02	3.3943 E+05	- 8.1273 E+04	1.4595 E+05	9.8318 E+02	- 3.1323 E+03	2.7782 E+03	1.9359 E+06	- 2.9721 E+02	1.4845 E+02	2.2046 E+02	- 1.5986 E+04	1.6903 E+04	4.3941 E+02
6.6305 E+01	4.4859 E+02	5.3429 E+05	- 8.1273 E+04	1.3932 E+05	3.5582 E+02	- 3.1323 E+03	2.3813 E+03	1.9301 E+06	- 2.9721 E+02	1.1876 E+02	1.5313 E+01	- 1.5986 E+04	1.3523 E+04	3.1778 E+02
6.6305 E+01	3.9251 E+02	8.2719 E+05	- 8.1273 E+04	1.3268 E+05	3.9958 E+03	- 3.1323 E+03	1.9844 E+03	1.8114 E+06	- 2.9721 E+02	8.9071 E+01	1.2500 E+00	- 1.5986 E+04	1.0142 E+04	3.2996 E+03
6.6305 E+01	3.3644 E+02	1.1361 E+06	- 8.1273 E+04	1.2605 E+05	4.8278 E+03	- 3.1323 E+03	1.5875 E+03	1.6971 E+06	- 2.9721 E+02	5.9380 E+01	2.3551 E+03	- 1.5986 E+04	6.7613 E+03	5.4028 E+03
6.6305 E+01	2.8037 E+02	1.6909 E+06	- 8.1273 E+04	1.1941 E+05	3.7129 E+03	- 3.1323 E+03	1.1907 E+03	1.6691 E+06	- 2.9721 E+02	2.9690 E+01	9.5270 E+03	- 1.5986 E+04	3.3806 E+03	2.8269 E+04
6.6305 E+01	2.2429 E+02	1.8765 E+06	- 8.1273 E+04	1.1278 E+05	5.4604 E+03	- 3.1323 E+03	7.9377 E+02	3.3974 E+06	- 2.9721 E+02	0.0000 E+00	1.5805 E+04	- 1.5986 E+04	0.0000 E+00	1.9564 E+05
6.6305 E+01	1.6822 E+02	2.4614 E+06	- 8.1273 E+04	1.0615 E+05	1.1356 E+04	- 3.1323 E+03	3.9689 E+02	7.8907 E+06	- 3.2743 E+02	2.0783 E+02	5.0000 E+00	- 1.9630 E+04	7.4374 E+04	2.5000 E+00
6.6305 E+01	1.1215 E+02	2.7655 E+06	- 8.1273 E+04	9.9511 E+04	1.5596 E+04	- 3.1323 E+03	0.0000 E+00	1.3869 E+07	- 3.2743 E+02	1.4845 E+02	1.0000 E+01	- 1.9630 E+04	7.0994 E+04	5.0000 E+00
6.6305 E+01	5.6073 E+01	5.5179 E+06	- 8.1273 E+04	9.2877 E+04	1.5462 E+04	- 3.6272 E+03	1.8654 E+04	2.6256 E-01	- 3.2743 E+02	1.1876 E+02	4.3637 E+01	- 1.9630 E+04	6.0852 E+04	1.2127 E+01
6.6305 E+01	0.0000 E+00	2.1697 E+07	- 8.1273 E+04	8.6243 E+04	3.7899 E+04	- 3.6272 E+03	1.7066 E+04	4.0501 E-01	- 3.2743 E+02	5.9380 E+01	2.3618 E+01	- 1.9630 E+04	5.4090 E+04	2.9254 E+01
3.6623 E+00	2.2990 E+03	6.2500 E-01	- 8.1273 E+04	7.9609 E+04	4.3006 E+04	- 3.6272 E+03	1.5875 E+04	5.0415 E-02	- 3.2743 E+02	2.9690 E+01	2.7599 E+02	- 1.9630 E+04	5.0710 E+04	5.0000 E+00
3.6623 E+00	1.7943 E+03	6.3910 E-02	- 8.1273 E+04	7.2975 E+04	5.1247 E+04	- 3.6272 E+03	1.5479 E+04	2.5192 E+00	- 3.2743 E+02	0.0000 E+00	5.6103 E+03	- 1.9630 E+04	4.3948 E+04	1.7127 E+01
3.6623 E+00	1.5700 E+03	4.1754 E+00	- 8.1273 E+04	6.6341 E+04	7.1022 E+04	- 3.6272 E+03	1.5082 E+04	2.6661 E+00	- 3.5765 E+02	1.4845 E+02	4.8602 E-03	- 1.9630 E+04	4.0568 E+04	1.7429 E+01
3.6623 E+00	1.5140 E+03	7.7624 E-01	- 8.1273 E+04	5.9707 E+04	8.6325 E+04	- 3.6272 E+03	1.4288 E+04	1.0607 E-01	- 3.5765 E+02	8.9071 E+01	5.0000 E+00	- 1.9630 E+04	3.7187 E+04	2.1404 E+01
3.6623 E+00	1.4579 E+03	1.8643 E+00	- 8.1273 E+04	5.3073 E+04	1.1075 E+05	- 3.6272 E+03	1.3891 E+04	7.6587 E-01	- 3.5765 E+02	5.9380 E+01	4.7500 E+00	- 1.9630 E+04	3.3806 E+04	5.7171 E+01
3.6623 E+00	1.4018 E+03	5.1213 E+00	- 8.1273 E+04	4.6439 E+04	1.8439 E+05	- 3.6272 E+03	1.3494 E+04	1.0667 E+02	- 3.5765 E+02	2.9690 E+01	1.1629 E+02	- 1.9630 E+04	3.0426 E+04	1.1227 E+00
3.6623 E+00	1.3458 E+03	1.6632 E+01	- 8.1273 E+04	3.9804 E+04	2.9151 E+05	- 3.6272 E+03	1.3097 E+04	1.0959 E+02	- 3.5765 E+02	0.0000 E+00	2.3140 E+03	- 1.9630 E+04	2.7045 E+04	5.4854 E+01

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.6623 E+00	1.2897 E+03	4.5403 E+01	- 8.1273 E+04	3.3170 E+04	5.2733 E+05	- 3.6272 E+03	1.2700 E+04	6.3523 E+00	- 3.8786 E+02	2.3752 E+02	5.0000 E+00	- 1.9630 E+04	2.3665 E+04	1.8647 E+01
3.6623 E+00	1.2336 E+03	1.8193 E+01	- 8.1273 E+04	2.6536 E+04	1.1098 E+06	- 3.6272 E+03	1.2303 E+04	1.4649 E+01	- 3.8786 E+02	1.1876 E+02	5.0000 E+00	- 1.9630 E+04	2.0284 E+04	2.2585 E+02
3.6623 E+00	1.1775 E+03	1.9344 E+01	- 8.1273 E+04	1.9902 E+04	2.6246 E+06	- 3.6272 E+03	1.1907 E+04	7.5206 E+01	- 3.8786 E+02	5.9380 E+01	5.2122 E+00	- 1.9630 E+04	1.6903 E+04	6.5031 E+01
3.6623 E+00	1.1215 E+03	6.8025 E+00	- 8.1273 E+04	1.3268 E+04	3.6975 E+06	- 3.6272 E+03	1.1510 E+04	5.7372 E+00	- 3.8786 E+02	2.9690 E+01	2.3306 E+02	- 1.9630 E+04	1.3523 E+04	7.9464 E+01
3.6623 E+00	1.0654 E+03	4.1744 E+01	- 8.1273 E+04	6.6341 E+03	6.4529 E+06	- 3.6272 E+03	1.1113 E+04	4.5061 E+02	- 3.8786 E+02	0.0000 E+00	6.3325 E+02	- 1.9630 E+04	1.0142 E+04	6.0972 E+02
3.6623 E+00	1.0093 E+03	3.2933 E+01	- 8.1273 E+04	0.0000 E+00	1.9981 E+07	- 3.6272 E+03	1.0716 E+04	3.7366 E+02	- 4.1808 E+02	1.1876 E+02	5.0000 E+00	- 1.9630 E+04	6.7613 E+03	2.0085 E+03
3.6623 E+00	9.5324 E+02	5.2010 E+01	- 8.8486 E+04	2.7863 E+05	1.6856 E+00	- 3.6272 E+03	1.0319 E+04	1.0617 E+01	- 4.1808 E+02	0.0000 E+00	1.4350 E+03	- 1.9630 E+04	3.3806 E+03	1.2083 E+04
3.6623 E+00	8.9717 E+02	9.6800 E+01	- 8.8486 E+04	2.3219 E+05	1.6856 E+00	- 3.6272 E+03	9.9222 E+03	1.0199 E+03	- 4.4830 E+02	2.9690 E+01	8.1003 E-01	- 1.9630 E+04	0.0000 E+00	6.5071 E+04
3.6623 E+00	8.4110 E+02	1.1131 E+03	- 8.8486 E+04	2.2556 E+05	1.3274 E+01	- 3.6272 E+03	9.5253 E+03	2.4257 E+03	- 4.4830 E+02	0.0000 E+00	4.9606 E+01	- 2.3274 E+04	6.4232 E+04	1.2500 E+00
3.6623 E+00	7.8502 E+02	1.2664 E+03	- 8.8486 E+04	2.1892 E+05	1.1588 E+01	- 3.6272 E+03	9.1284 E+03	2.3191 E+03	- 4.7852 E+02	1.1876 E+02	2.7898 E+00	- 2.3274 E+04	6.0852 E+04	1.0083 E-01
3.6623 E+00	7.2895 E+02	1.4674 E+02	- 8.8486 E+04	1.9902 E+05	3.0264 E+01	- 3.6272 E+03	8.7315 E+03	1.9200 E+03	- 4.7852 E+02	0.0000 E+00	1.2500 E+00	- 2.3274 E+04	5.7471 E+04	5.0000 E+00
3.6623 E+00	6.7288 E+02	1.4481 E+04	- 8.8486 E+04	1.8575 E+05	1.1588 E+01	- 3.6272 E+03	8.3346 E+03	7.2767 E+03	- 5.3895 E+02	2.9690 E+01	5.5795 E+00	- 2.3274 E+04	4.7329 E+04	1.2228 E+01
3.6623 E+00	6.1681 E+02	1.4555 E+04	- 8.8486 E+04	1.7249 E+05	2.7898 E+00	- 3.6272 E+03	7.9377 E+03	1.4779 E+04	- 5.9938 E+02	0.0000 E+00	5.5795 E+00	- 2.3274 E+04	4.0568 E+04	1.5124 E-01
3.6623 E+00	5.6073 E+02	1.9163 E+04	- 8.8486 E+04	1.5922 E+05	5.9203 E+01	- 3.6272 E+03	7.5409 E+03	1.6687 E+04				- 2.3274 E+04	3.7187 E+04	2.2634 E+01
3.6623 E+00	5.0466 E+02	3.2039 E+04	- 8.8486 E+04	1.5258 E+05	7.6570 E+02	- 3.6272 E+03	7.1440 E+03	3.0168 E+04				- 2.3274 E+04	3.3806 E+04	7.5696 E+00
3.6623 E+00	4.4859 E+02	8.4984 E+04	- 8.8486 E+04	1.4595 E+05	1.7955 E+02	- 3.6272 E+03	6.7471 E+03	2.9530 E+04				- 2.3274 E+04	2.7045 E+04	5.1278 E+00
3.6623 E+00	3.9251 E+02	2.4604 E+05	- 8.8486 E+04	1.3932 E+05	8.7737 E+02	- 3.6272 E+03	6.3502 E+03	5.6324 E+04				- 2.3274 E+04	2.3665 E+04	8.1003 E-01
3.6623 E+00	3.3644 E+02	3.0024 E+05	- 8.8486 E+04	1.3268 E+05	1.5267 E+03	- 3.6272 E+03	5.9533 E+03	9.5396 E+04				- 2.3274 E+04	2.0284 E+04	3.8130 E+00

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.6623 E+00	2.8037 E+02	4.4541 E+05	- 8.8486 E+04	1.2605 E+05	1.4556 E+03	- 3.6272 E+03	5.5564 E+03	1.3350 E+05				- 2.3274 E+04	1.6903 E+04	2.8575 E+01
3.6623 E+00	2.2429 E+02	7.5894 E+05	- 8.8486 E+04	1.1941 E+05	4.7576 E+03	- 3.6272 E+03	5.1595 E+03	1.9919 E+05				- 2.3274 E+04	1.3523 E+04	2.4763 E+02
3.6623 E+00	1.6822 E+02	1.7318 E+06	- 8.8486 E+04	1.1278 E+05	8.8847 E+03	- 3.6272 E+03	4.7626 E+03	2.9069 E+05				- 2.3274 E+04	1.0142 E+04	6.0609 E+02
3.6623 E+00	1.1215 E+02	4.4025 E+06	- 8.8486 E+04	1.0615 E+05	8.6715 E+03	- 3.6272 E+03	4.3658 E+03	3.8139 E+05				- 2.3274 E+04	6.7613 E+03	8.3393 E+02
3.6623 E+00	5.6073 E+01	1.3005 E+07	- 8.8486 E+04	9.9511 E+04	2.0944 E+04	- 3.6272 E+03	3.9689 E+03	6.4619 E+05				- 2.3274 E+04	3.3806 E+03	6.3011 E+03
3.6623 E+00	0.0000 E+00	4.3402 E+07	- 8.8486 E+04	9.2877 E+04	3.4601 E+04	- 3.6272 E+03	3.5720 E+03	6.5619 E+05				- 2.3274 E+04	0.0000 E+00	3.1900 E+04
- 5.8980 E+01	2.1308 E+03	5.0415 E-02	- 8.8486 E+04	8.6243 E+04	3.9783 E+04	- 3.6272 E+03	3.1751 E+03	9.5333 E+05				- 2.6918 E+04	5.4090 E+04	1.0083 E-01
- 5.8980 E+01	2.0747 E+03	5.0415 E-02	- 8.8486 E+04	7.9609 E+04	6.6421 E+04	- 3.6272 E+03	2.7782 E+03	1.3104 E+06				- 2.6918 E+04	3.3806 E+04	2.1215 E-01
- 5.8980 E+01	1.9065 E+03	3.5000 E+00	- 8.8486 E+04	7.2975 E+04	1.0983 E+05	- 3.6272 E+03	2.3813 E+03	1.3022 E+06				- 2.6918 E+04	3.0426 E+04	1.2500 E+00
- 5.8980 E+01	1.7943 E+03	3.5000 E+00	- 8.8486 E+04	6.6341 E+04	1.3223 E+05	- 3.6272 E+03	1.9844 E+03	1.2120 E+06				- 2.6918 E+04	2.3665 E+04	6.2122 E+00
- 5.8980 E+01	1.6261 E+03	6.2500 E-01	- 8.8486 E+04	5.9707 E+04	2.3569 E+05	- 3.6272 E+03	1.5875 E+03	9.7568 E+05				- 2.6918 E+04	2.0284 E+04	3.1298 E-01
- 5.8980 E+01	1.5700 E+03	1.2500 E+00	- 8.8486 E+04	5.3073 E+04	2.9510 E+05	- 3.6272 E+03	1.1907 E+03	1.1766 E+06				- 2.6918 E+04	1.6903 E+04	7.2575 E+00
- 5.8980 E+01	1.5140 E+03	3.5000 E+00	- 8.8486 E+04	4.6439 E+04	3.8011 E+05	- 3.6272 E+03	7.9377 E+02	2.1612 E+06				- 2.6918 E+04	1.3523 E+04	3.0082 E+01
- 5.8980 E+01	1.4579 E+03	8.5569 E+00	- 8.8486 E+04	3.9804 E+04	6.0060 E+05	- 3.6272 E+03	3.9689 E+02	5.2606 E+06				- 2.6918 E+04	1.0142 E+04	2.1639 E+03
- 5.8980 E+01	1.4018 E+03	6.2500 E-01	- 8.8486 E+04	3.3170 E+04	9.7768 E+05	- 3.6272 E+03	0.0000 E+00	1.0481 E+07				- 2.6918 E+04	6.7613 E+03	1.5046 E+03
- 5.8980 E+01	1.3458 E+03	6.7047 E+00	- 8.8486 E+04	2.6536 E+04	1.6657 E+06	- 4.1220 E+03	1.5875 E+04	1.8561 E+00				- 2.6918 E+04	3.3806 E+03	7.8616 E+03
- 5.8980 E+01	1.2336 E+03	3.3713 E+00	- 8.8486 E+04	1.9902 E+04	3.2463 E+06	- 4.1220 E+03	1.4288 E+04	4.0501 E-01				- 2.6918 E+04	0.0000 E+00	2.5350 E+04
- 5.8980 E+01	1.1775 E+03	3.8101 E+01	- 8.8486 E+04	1.3268 E+04	5.0258 E+06	- 4.1220 E+03	1.3891 E+04	1.0607 E-01				- 3.0562 E+04	3.0426 E+04	3.5000 E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 5.8980 E+01	1.1215 E+03	2.9096 E+01	- 8.8486 E+04	6.6341 E+03	5.9013 E+06	- 4.1220 E+03	1.3494 E+04	2.4098 E+00				- 3.0562 E+04	1.6903 E+04	7.2583 E-01
- 5.8980 E+01	1.0654 E+03	1.4876 E+01	- 8.8486 E+04	0.0000 E+00	1.9968 E+07	- 4.1220 E+03	1.3097 E+04	1.4680 E+00				- 3.0562 E+04	1.3523 E+04	1.7467 E+01
- 5.8980 E+01	1.0093 E+03	1.9704 E+01	- 9.5699 E+04	1.9239 E+05	2.5133 E+01	- 4.1220 E+03	1.2700 E+04	8.8928 E+00				- 3.0562 E+04	1.0142 E+04	2.5502 E+02
- 5.8980 E+01	9.5324 E+02	2.6628 E+01	- 9.5699 E+04	1.6585 E+05	5.5065 E+02	- 4.1220 E+03	1.2303 E+04	2.5000 E+00				- 3.0562 E+04	6.7613 E+03	7.4259 E+02
- 5.8980 E+01	8.9717 E+02	7.8488 E+01	- 9.5699 E+04	1.5922 E+05	1.0769 E+02	- 4.1220 E+03	1.1907 E+04	7.0834 E+00				- 3.0562 E+04	3.3806 E+03	3.7633 E+03
- 5.8980 E+01	8.4110 E+02	7.8233 E+01	- 9.5699 E+04	1.5258 E+05	3.4118 E+01	- 4.1220 E+03	1.1510 E+04	4.0998 E+00				- 3.0562 E+04	0.0000 E+00	2.5999 E+04
- 5.8980 E+01	7.8502 E+02	8.4023 E+01	- 9.5699 E+04	1.4595 E+05	6.4762 E+02	- 4.1220 E+03	1.1113 E+04	6.9872 E+00				- 3.4206 E+04	2.0284 E+04	5.0000 E+00
- 5.8980 E+01	7.2895 E+02	1.1404 E+03	- 9.5699 E+04	1.3932 E+05	5.6199 E+02	- 4.1220 E+03	1.0716 E+04	3.4652 E+00				- 3.4206 E+04	1.6903 E+04	2.1701 E-01
- 5.8980 E+01	6.7288 E+02	1.2720 E+03	- 9.5699 E+04	1.3268 E+05	2.9081 E+03	- 4.1220 E+03	1.0319 E+04	1.1660 E+02				- 3.4206 E+04	1.3523 E+04	1.5678 E+00
- 5.8980 E+01	6.1681 E+02	2.5597 E+02	- 9.5699 E+04	1.2605 E+05	2.3681 E+03	- 4.1220 E+03	9.9222 E+03	3.5419 E+01				- 3.4206 E+04	1.0142 E+04	2.6949 E+01
- 5.8980 E+01	5.6073 E+02	4.5314 E+03	- 9.5699 E+04	1.1941 E+05	1.7323 E+03	- 4.1220 E+03	9.5253 E+03	3.6846 E+02				- 3.4206 E+04	6.7613 E+03	1.1452 E+03
- 5.8980 E+01	5.0466 E+02	2.6322 E+03	- 9.5699 E+04	1.1278 E+05	5.8902 E+03	- 4.1220 E+03	9.1284 E+03	2.1508 E+03				- 3.4206 E+04	3.3806 E+03	4.9710 E+03
- 5.8980 E+01	4.4859 E+02	4.8722 E+03	- 9.5699 E+04	1.0615 E+05	1.4316 E+04	- 4.1220 E+03	8.7315 E+03	1.9441 E+03				- 3.4206 E+04	0.0000 E+00	8.2292 E+03
- 5.8980 E+01	3.9251 E+02	7.3026 E+03	- 9.5699 E+04	9.9511 E+04	1.4743 E+04	- 4.1220 E+03	8.3346 E+03	1.5173 E+03				- 3.7850 E+04	3.3806 E+04	5.0000 E+00
- 5.8980 E+01	3.3644 E+02	1.2344 E+04	- 9.5699 E+04	9.2877 E+04	2.9660 E+04	- 4.1220 E+03	7.9377 E+03	2.7854 E+03				- 3.7850 E+04	1.3523 E+04	3.5000 E+00
- 5.8980 E+01	2.8037 E+02	2.0717 E+04	- 9.5699 E+04	8.6243 E+04	4.7395 E+04	- 4.1220 E+03	7.5409 E+03	6.2906 E+03				- 3.7850 E+04	1.0142 E+04	8.8074 E+00
- 5.8980 E+01	2.2429 E+02	6.2395 E+04	- 9.5699 E+04	7.9609 E+04	8.4759 E+04	- 4.1220 E+03	7.1440 E+03	5.2900 E+03				- 3.7850 E+04	6.7613 E+03	2.8238 E+02
- 5.8980 E+01	1.6822 E+02	1.0694 E+05	- 9.5699 E+04	7.2975 E+04	1.2684 E+05	- 4.1220 E+03	6.7471 E+03	1.5502 E+04				- 3.7850 E+04	3.3806 E+03	3.3941 E+03

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.1215	2.6281	-	6.6341	2.2385	-	6.3502	1.7150	-	-	-	-	0.0000	8.5334
5.8980	E+02	E+05	9.5699	E+04	E+05	4.1220	E+03	E+04	-	-	-	3.7850	E+00	E+03
-	5.6073	1.2944	-	5.9707	3.2217	-	5.9533	1.3290	-	-	-	-	1.6903	2.1215
5.8980	E+01	E+06	9.5699	E+04	E+05	4.1220	E+03	E+04	-	-	-	4.1494	E+04	E-01
-	0.0000	6.7211	-	5.3073	4.8667	-	5.5564	3.6139	-	-	-	-	1.0142	1.5000
5.8980	E+00	E+06	9.5699	E+04	E+05	4.1220	E+03	E+04	-	-	-	4.1494	E+04	E+01
-	1.6822	1.7500	-	4.6439	7.7130	-	5.1595	2.3157	-	-	-	-	6.7613	3.8162
1.2162	E+03	E+00	9.5699	E+04	E+05	4.1220	E+03	E+04	-	-	-	4.1494	E+04	E+01
-	1.5700	3.5000	-	3.9804	1.1317	-	4.7626	2.8174	-	-	-	-	3.3806	5.4222
1.2162	E+03	E+00	9.5699	E+04	E+06	4.1220	E+03	E+04	-	-	-	4.1494	E+04	E+02
-	1.5140	2.9356	-	3.3170	1.7390	-	4.3658	5.8091	-	-	-	-	0.0000	2.9268
1.2162	E+03	E+00	9.5699	E+04	E+06	4.1220	E+03	E+04	-	-	-	4.1494	E+04	E+03
-	1.4579	5.8750	-	2.6536	2.8436	-	3.9689	1.1033	-	-	-	-	1.0142	5.0000
1.2162	E+03	E+00	9.5699	E+04	E+06	4.1220	E+03	E+05	-	-	-	4.5138	E+04	E+00
-	1.4018	6.2500	-	1.9902	4.4283	-	3.5720	1.8143	-	-	-	-	6.7613	1.8649
1.2162	E+03	E-01	9.5699	E+04	E+06	4.1220	E+03	E+05	-	-	-	4.5138	E+04	E+01
-	1.3458	2.1570	-	1.3268	4.9900	-	3.1751	2.6791	-	-	-	-	3.3806	5.0549
1.2162	E+03	E+01	9.5699	E+04	E+06	4.1220	E+03	E+05	-	-	-	4.5138	E+04	E+02
-	1.2897	1.2682	-	6.6341	5.5167	-	2.7782	3.3485	-	-	-	-	0.0000	7.5053
1.2162	E+03	E+01	9.5699	E+04	E+06	4.1220	E+03	E+05	-	-	-	4.5138	E+04	E+03
-	1.2336	9.4758	-	0.0000	1.7522	-	2.3813	4.3090	-	-	-	-	6.7613	4.0905
1.2162	E+03	E+00	9.5699	E+04	E+07	4.1220	E+03	E+05	-	-	-	4.8782	E+04	E-01
-	1.1775	2.3106	-	1.7249	2.5133	-	1.9844	4.1265	-	-	-	-	3.3806	1.9881
1.2162	E+03	E+00	1.0291	E+05	E+01	4.1220	E+03	E+05	-	-	-	4.8782	E+04	E+01
-	1.1215	4.7500	-	1.6585	2.5133	-	1.5875	4.5772	-	-	-	-	0.0000	2.5441
1.2162	E+03	E+00	1.0291	E+05	E+01	4.1220	E+03	E+05	-	-	-	4.8782	E+04	E+02
-	1.0654	2.0743	-	1.5922	5.0267	-	1.1907	6.2835	-	-	-	-	1.3523	3.0230
1.2162	E+03	E+01	1.0291	E+05	E+01	4.1220	E+03	E+05	-	-	-	5.2426	E+04	E-02
-	1.0093	3.5910	-	1.5258	7.9602	-	7.9377	1.1944	-	-	-	-	3.3806	4.4167
1.2162	E+03	E+01	1.0291	E+05	E+02	4.1220	E+03	E+06	-	-	-	5.2426	E+04	E+03
-	9.5324	5.9473	-	1.4595	6.6017	-	3.9689	3.3328	-	-	-	-	0.0000	4.2264
1.2162	E+02	E+01	1.0291	E+05	E+02	4.1220	E+03	E+06	-	-	-	5.2426	E+04	E+03
-	8.9717	5.9898	-	1.3932	1.8075	-	0.0000	6.6675	-	-	-	-	3.3806	2.1860
1.2162	E+02	E+01	1.0291	E+05	E+03	4.1220	E+03	E+06	-	-	-	5.6070	E+04	E+02
-	8.4110	4.8221	-	1.3268	1.0612	-	1.6669	5.0415	-	-	-	-	0.0000	4.4140
1.2162	E+02	E+01	1.0291	E+05	E+03	4.6169	E+03	E-02	-	-	-	5.6070	E+04	E+03

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	7.8502	1.2435	-	1.2605	1.2303	-	1.3891	5.0415				-	1.0142	5.0000
1.2162	E+02	E+02	1.0291	E+05	E+03	4.6169	E+04	E-02				5.9714	E+04	E+00
-	7.2895	7.6547	-	1.1941	4.9775	-	1.3494	5.0415				-	3.3806	1.5000
1.2162	E+02	E+01	1.0291	E+05	E+03	4.6169	E+04	E-02				5.9714	E+03	E+01
-	6.7288	9.3945	-	1.1278	6.3875	-	1.3097	6.7541				-	0.0000	5.1667
1.2162	E+02	E+01	1.0291	E+05	E+03	4.6169	E+04	E-01				5.9714	E+00	E+00
-	6.1681	1.6550	-	1.0615	1.0787	-	1.2700	5.0415				-	3.3806	5.0000
1.2162	E+02	E+02	1.0291	E+05	E+04	4.6169	E+04	E-02				6.3358	E+03	E+00
-	5.6073	1.2990	-	9.9511	1.5708	-	1.2303	6.2500				-	3.3806	1.5000
1.2162	E+02	E+02	1.0291	E+05	E+04	4.6169	E+04	E-01				6.7002	E+03	E+01
-	5.0466	2.4487	-	9.2877	3.2860	-	1.1510	8.1003				-	3.3806	4.8602
1.2162	E+02	E+02	1.0291	E+05	E+04	4.6169	E+04	E-01				7.0646	E+03	E-03
-	4.4859	4.8959	-	8.6243	4.7570	-	1.0319	5.0384				-	0.0000	5.0000
1.2162	E+02	E+02	1.0291	E+05	E+04	4.6169	E+04	E+00				7.4290	E+04	E+00
-	3.9251	4.6356	-	7.9609	9.0308	-	9.9222	5.6795				-	3.3806	5.0000
1.2162	E+02	E+03	1.0291	E+05	E+04	4.6169	E+03	E+01				7.7934	E+04	E+00
-	3.3644	2.9501	-	7.2975	1.5734	-	9.5253	2.4441						
1.2162	E+02	E+03	1.0291	E+05	E+05	4.6169	E+03	E+02						
-	2.8037	9.1653	-	6.6341	2.5279	-	9.1284	1.9697						
1.2162	E+02	E+03	1.0291	E+05	E+05	4.6169	E+03	E+02						
-	2.2429	5.4849	-	5.9707	4.2973	-	8.7315	1.1513						
1.2162	E+02	E+03	1.0291	E+05	E+05	4.6169	E+03	E+03						
-	1.6822	2.6656	-	5.3073	6.2777	-	8.3346	8.1798						
1.2162	E+02	E+04	1.0291	E+05	E+05	4.6169	E+03	E+02						
-	1.1215	5.7026	-	4.6439	9.0977	-	7.9377	1.0788						
1.2162	E+02	E+04	1.0291	E+05	E+05	4.6169	E+03	E+03						
-	5.6073	1.4863	-	3.9804	1.6263	-	7.5409	6.7343						
1.2162	E+02	E+05	1.0291	E+05	E+06	4.6169	E+03	E+01						
-	0.0000	9.1374	-	3.3170	2.3875	-	7.1440	1.2984						
1.2162	E+02	E+05	1.0291	E+05	E+06	4.6169	E+03	E+02						
-	1.6822	5.1856	-	2.6536	3.3099	-	6.7471	4.5354						
1.8426	E+02	E+00	1.0291	E+05	E+06	4.6169	E+03	E+03						
-	1.5140	5.1213	-	1.9902	4.4958	-	6.3502	5.4579						
1.8426	E+02	E+00	1.0291	E+05	E+06	4.6169	E+03	E+03						
-	1.4579	3.5000	-	1.3268	4.2894	-	5.9533	5.9169						
1.8426	E+02	E+00	1.0291	E+05	E+06	4.6169	E+03	E+03						

Original Instruction: T05 0138-8633 VER 00
2023-08-29 by W&S
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.8426	7.0000	-	6.6341	5.1994	-	5.5564	2.4051						
1.8426	E+03	E+00	1.0291	E+03	E+06	4.6169	E+03	E+03						
-	1.8426	5.1856	-	0.0000	1.6522	-	5.1595	1.1358						
1.8426	E+03	E+00	1.0291	E+00	E+07	4.6169	E+03	E+04						
-	1.8426	1.7436	-	1.7249	7.0000	-	4.7626	1.2763						
1.8426	E+03	E+01	1.1012	E+05	E+02	4.6169	E+03	E+04						
-	1.8426	3.3723	-	1.5258	5.7747	-	4.3658	6.0411						
1.8426	E+03	E+01	1.1012	E+05	E+02	4.6169	E+03	E+03						
-	1.8426	2.0807	-	1.4595	1.2252	-	3.9689	1.7341						
1.8426	E+03	E+01	1.1012	E+05	E+03	4.6169	E+03	E+04						
-	1.8426	1.9186	-	1.3932	3.3277	-	3.5720	3.6887						
1.8426	E+03	E+01	1.1012	E+05	E+03	4.6169	E+03	E+04						
-	1.8426	2.5557	-	1.3268	1.5012	-	3.1751	3.3519						
1.8426	E+03	E+01	1.1012	E+05	E+03	4.6169	E+03	E+04						
-	1.8426	2.6229	-	1.2605	6.4005	-	2.7782	2.7004						
1.8426	E+03	E+01	1.1012	E+05	E+03	4.6169	E+03	E+04						
-	1.8426	1.5621	-	1.1941	3.4011	-	2.3813	6.5996						
1.8426	E+02	E+01	1.1012	E+05	E+03	4.6169	E+03	E+04						
-	1.8426	7.7857	-	1.1278	1.0794	-	1.9844	6.2310						
1.8426	E+02	E+01	1.1012	E+05	E+04	4.6169	E+03	E+04						
-	1.8426	7.2612	-	1.0615	1.3114	-	1.5875	1.2896						
1.8426	E+02	E+01	1.1012	E+05	E+04	4.6169	E+03	E+05						
-	1.8426	6.8830	-	9.9511	2.1804	-	1.1907	1.8689						
1.8426	E+02	E+01	1.1012	E+05	E+04	4.6169	E+03	E+05						
-	1.8426	2.7371	-	9.2877	3.7029	-	7.9377	4.9228						
1.8426	E+02	E+01	1.1012	E+05	E+04	4.6169	E+03	E+05						
-	1.8426	4.4535	-	8.6243	6.3463	-	3.9689	1.4781						
1.8426	E+02	E+01	1.1012	E+05	E+04	4.6169	E+03	E+06						
-	1.8426	6.2447	-	7.9609	8.6021	-	0.0000	3.6300						
1.8426	E+02	E+01	1.1012	E+05	E+04	4.6169	E+03	E+06						
-	1.8426	1.0948	-	7.2975	1.4864	-	1.4288	1.7500						
1.8426	E+02	E+02	1.1012	E+05	E+05	5.1118	E+03	E+00						
-	1.8426	1.2262	-	6.6341	3.0650	-	1.3097	5.0415						
1.8426	E+02	E+02	1.1012	E+05	E+05	5.1118	E+03	E-02						
-	1.8426	9.0087	-	5.9707	5.0306	-	1.2700	5.0415						
1.8426	E+02	E+01	1.1012	E+05	E+05	5.1118	E+03	E-02						

Original Instruction: T05 0138-8633 VER 00
 4426-7700-00-00-01-0 - Jaberster@dnv.com - Yvonne Förster
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBSRRE



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.8426	1.6823	-	5.3073	8.6104	-	1.1510	2.1215						
E+02	3.9251	E+02	E+05	E+04	E+05	E+03	E+04	E-01						
-	1.8426	1.4869	-	4.6439	1.3225	-	9.9222	4.0130						
E+02	3.3644	E+02	E+05	E+04	E+06	E+03	E+03	E+02						
-	1.8426	3.5325	-	3.9804	2.0270	-	9.5253	1.2385						
E+02	2.8037	E+02	E+05	E+04	E+06	E+03	E+03	E+02						
-	1.8426	3.4514	-	3.3170	2.6529	-	9.1284	2.1296						
E+02	2.2429	E+02	E+05	E+04	E+06	E+03	E+03	E+00						
-	1.8426	6.6593	-	2.6536	3.6712	-	8.7315	2.6042						
E+02	1.6822	E+03	E+05	E+04	E+06	E+03	E+03	E+00						
-	1.8426	1.3094	-	1.9902	4.5811	-	8.3346	1.0864						
E+02	1.1215	E+04	E+05	E+04	E+06	E+03	E+03	E+01						
-	1.8426	1.4594	-	1.3268	4.6950	-	7.9377	5.5795						
E+02	5.6073	E+04	E+05	E+04	E+06	E+03	E+03	E+00						
-	1.8426	1.3960	-	6.6341	4.7417	-	7.5409	1.5782						
E+02	0.0000	E+05	E+05	E+03	E+06	E+03	E+03	E+01						
-	2.4691	1.7500	-	0.0000	1.5750	-	7.1440	1.1746						
E+02	1.3458	E+00	E+05	E+00	E+07	E+03	E+03	E+03						
-	2.4691	5.2500	-	1.7912	3.4347	-	6.7471	3.2059						
E+02	1.2897	E+00	E+05	E+05	E+02	E+03	E+03	E+02						
-	2.4691	1.6856	-	1.5922	2.7114	-	6.3502	3.1140						
E+02	1.2336	E+00	E+05	E+05	E+03	E+03	E+03	E+02						
-	2.4691	1.6743	-	1.5258	1.3839	-	5.9533	4.0363						
E+02	1.1775	E+01	E+05	E+05	E+03	E+03	E+03	E+03						
-	2.4691	1.3871	-	1.4595	9.5195	-	5.5564	2.4547						
E+02	1.1215	E+01	E+05	E+05	E+02	E+03	E+03	E+03						
-	2.4691	1.3178	-	1.3932	1.1767	-	5.1595	1.6274						
E+02	1.0654	E+01	E+05	E+05	E+03	E+03	E+03	E+03						
-	2.4691	2.6242	-	1.3268	9.7359	-	4.7626	5.9597						
E+02	1.0093	E+01	E+05	E+05	E+03	E+03	E+03	E+02						
-	2.4691	2.5621	-	1.2605	1.0236	-	4.3658	2.9838						
E+02	9.5324	E+01	E+05	E+05	E+04	E+03	E+03	E+03						
-	2.4691	2.9493	-	1.1941	1.8472	-	3.9689	2.2233						
E+02	8.9717	E+01	E+05	E+05	E+04	E+03	E+03	E+03						
-	2.4691	1.3178	-	1.1278	3.6827	-	3.5720	4.3687						
E+02	8.4110	E+01	E+05	E+05	E+04	E+03	E+03	E+03						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	7.8502	4.0358	-	1.0615	3.6123	-	3.1751	1.6749						
2.4691	E+02	E+01	1.1734	E+05	E+04	5.1118	E+03	E+03						
E+02			E+05			E+03								
-	7.2895	2.9121	-	9.9511	1.8777	-	2.7782	8.7597						
2.4691	E+02	E+01	1.1734	E+04	E+04	5.1118	E+03	E+02						
E+02			E+05			E+03								
-	6.7288	2.8735	-	9.2877	4.8084	-	2.3813	4.3442						
2.4691	E+02	E+01	1.1734	E+04	E+04	5.1118	E+03	E+03						
E+02			E+05			E+03								
-	6.1681	3.5606	-	8.6243	5.7956	-	1.9844	1.4037						
2.4691	E+02	E+01	1.1734	E+04	E+04	5.1118	E+03	E+04						
E+02			E+05			E+03								
-	5.6073	4.1485	-	7.9609	1.2585	-	1.5875	1.0538						
2.4691	E+02	E+01	1.1734	E+04	E+05	5.1118	E+03	E+04						
E+02			E+05			E+03								
-	5.0466	4.5978	-	7.2975	1.8871	-	1.1907	2.4544						
2.4691	E+02	E+01	1.1734	E+04	E+05	5.1118	E+03	E+04						
E+02			E+05			E+03								
-	4.4859	5.6215	-	6.6341	2.7666	-	7.9377	9.9233						
2.4691	E+02	E+01	1.1734	E+04	E+05	5.1118	E+02	E+04						
E+02			E+05			E+03								
-	3.9251	2.1101	-	5.9707	5.3255	-	3.9689	5.6675						
2.4691	E+02	E+01	1.1734	E+04	E+05	5.1118	E+02	E+05						
E+02			E+05			E+03								
-	3.3644	9.5276	-	5.3073	9.1282	-	0.0000	1.6309						
2.4691	E+02	E+01	1.1734	E+04	E+05	5.1118	E+00	E+06						
E+02			E+05			E+03								
-	2.8037	3.4836	-	4.6439	1.5202	-	1.0319	6.8237						
2.4691	E+02	E+01	1.1734	E+04	E+06	5.6066	E+04	E+01						
E+02			E+05			E+03								
-	2.2429	8.3130	-	3.9804	2.2650	-	9.9222	5.0384						
2.4691	E+02	E+01	1.1734	E+04	E+06	5.6066	E+03	E+00						
E+02			E+05			E+03								
-	1.6822	8.1794	-	3.3170	3.4026	-	9.5253	2.1215						
2.4691	E+02	E+01	1.1734	E+04	E+06	5.6066	E+03	E-01						
E+02			E+05			E+03								
-	1.1215	2.2648	-	2.6536	4.3809	-	9.1284	1.0083						
2.4691	E+02	E+03	1.1734	E+04	E+06	5.6066	E+03	E-01						
E+02			E+05			E+03								
-	5.6073	4.3151	-	1.9902	5.0032	-	8.7315	2.1215						
2.4691	E+02	E+03	1.1734	E+04	E+06	5.6066	E+03	E-01						
E+02			E+05			E+03								
-	0.0000	5.4373	-	1.3268	4.7210	-	8.3346	2.3063						
2.4691	E+02	E+04	1.1734	E+04	E+06	5.6066	E+03	E+01						
E+02			E+05			E+03								
-	1.6261	6.2500	-	6.6341	5.3829	-	7.9377	2.0833						
3.0955	E+03	E-01	1.1734	E+03	E+06	5.6066	E+03	E+02						
E+02			E+05			E+03								
-	1.4018	2.3750	-	0.0000	1.7771	-	7.5409	1.2564						
3.0955	E+03	E+00	1.1734	E+00	E+07	5.6066	E+03	E+01						
E+02			E+05			E+03								
-	1.1775	1.7500	-	1.5922	7.0000	-	7.1440	2.1215						
3.0955	E+03	E+00	1.2455	E+05	E+02	5.6066	E+03	E-01						
E+02			E+05			E+03								

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.1215	3.3713	-	1.5258	1.7304	-	6.7471	1.1342						
3.0955	E+03	E+00	1.2455	E+05	E+03	5.6066	E+03	E+02						
-	1.0654	3.4356	-	1.4595	2.2619	-	6.3502	1.7501						
3.0955	E+03	E+00	1.2455	E+05	E+03	5.6066	E+03	E+01						
-	1.0093	8.6213	-	1.3932	4.8445	-	5.9533	3.7584						
3.0955	E+03	E+00	1.2455	E+05	E+03	5.6066	E+03	E+01						
-	9.5324	9.8713	-	1.3268	1.5314	-	5.5564	2.7762						
3.0955	E+02	E+00	1.2455	E+05	E+04	5.6066	E+03	E+02						
-	8.9717	3.5000	-	1.2605	1.4465	-	5.1595	1.6224						
3.0955	E+02	E+00	1.2455	E+05	E+04	5.6066	E+03	E+03						
-	8.4110	6.8713	-	1.1941	1.6143	-	4.7626	2.6854						
3.0955	E+02	E+00	1.2455	E+05	E+04	5.6066	E+03	E+01						
-	7.8502	7.0000	-	1.1278	3.5319	-	4.3658	3.1466						
3.0955	E+02	E+00	1.2455	E+05	E+04	5.6066	E+03	E+02						
-	7.2895	1.0500	-	1.0615	3.4166	-	3.9689	1.1632						
3.0955	E+02	E+01	1.2455	E+05	E+04	5.6066	E+03	E+03						
-	6.7288	1.3871	-	9.9511	1.4393	-	3.5720	1.5505						
3.0955	E+02	E+01	1.2455	E+05	E+04	5.6066	E+03	E+02						
-	6.1681	2.0743	-	9.2877	6.2207	-	3.1751	1.4845						
3.0955	E+02	E+01	1.2455	E+05	E+04	5.6066	E+03	E+03						
-	5.6073	1.8493	-	8.6243	1.0417	-	2.7782	2.3360						
3.0955	E+02	E+01	1.2455	E+05	E+05	5.6066	E+03	E+02						
-	5.0466	1.3871	-	7.9609	1.5480	-	2.3813	4.5548						
3.0955	E+02	E+01	1.2455	E+05	E+04	5.6066	E+03	E+01						
-	4.4859	4.1228	-	7.2975	1.7684	-	1.9844	1.8956						
3.0955	E+02	E+01	1.2455	E+05	E+04	5.6066	E+03	E+03						
-	3.9251	4.4465	-	6.6341	3.4942	-	1.5875	3.0326						
3.0955	E+02	E+01	1.2455	E+05	E+05	5.6066	E+03	E+03						
-	3.3644	2.0715	-	5.9707	5.6134	-	1.1907	4.5985						
3.0955	E+02	E+01	1.2455	E+05	E+05	5.6066	E+03	E+03						
-	2.8037	4.4079	-	5.3073	8.8909	-	7.9377	2.1147						
3.0955	E+02	E+01	1.2455	E+05	E+04	5.6066	E+03	E+04						
-	2.2429	4.5200	-	4.6439	1.6639	-	3.9689	1.7080						
3.0955	E+02	E+01	1.2455	E+05	E+06	5.6066	E+03	E+05						
-	1.6822	4.4342	-	3.9804	2.3398	-	0.0000	4.2004						
3.0955	E+02	E+01	1.2455	E+05	E+06	5.6066	E+03	E+05						

Original Instruction: T05 0138-8633 VER 00
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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.1215	1.2364	-	3.3170	3.5625	-	9.1284	1.7872						
3.0955	E+02	E+02	1.2455	E+04	E+06	6.1015	E+03	E+01						
-	5.6073	2.3953	-	2.6536	4.8435	-	8.7315	3.5998						
3.0955	E+01	E+03	1.2455	E+04	E+06	6.1015	E+03	E+00						
-	0.0000	4.7520	-	1.9902	5.4454	-	7.9377	4.3215						
3.0955	E+00	E+03	1.2455	E+04	E+06	6.1015	E+03	E+00						
-	1.3458	5.1213	-	1.3268	5.3543	-	7.5409	2.0812						
3.7219	E+03	E+00	1.2455	E+04	E+06	6.1015	E+03	E+01						
-	1.2897	3.3713	-	6.6341	6.0332	-	7.1440	1.3196						
3.7219	E+03	E+00	1.2455	E+03	E+06	6.1015	E+03	E+00						
-	1.2336	3.5000	-	0.0000	2.0743	-	6.7471	7.1680						
3.7219	E+03	E+00	1.2455	E+00	E+07	6.1015	E+03	E+00						
-	1.0654	1.6856	-	1.5922	7.0000	-	6.3502	4.8440						
3.7219	E+03	E+00	1.3176	E+05	E+02	6.1015	E+03	E+01						
-	1.0093	3.5000	-	1.3932	6.4089	-	5.9533	8.7227						
3.7219	E+03	E+00	1.3176	E+05	E+03	6.1015	E+03	E+00						
-	9.5324	3.3713	-	1.3268	4.8353	-	5.5564	2.1347						
3.7219	E+02	E+00	1.3176	E+05	E+03	6.1015	E+03	E+02						
-	7.8502	7.0000	-	1.2605	1.3882	-	5.1595	3.8524						
3.7219	E+02	E+00	1.3176	E+05	E+04	6.1015	E+03	E+01						
-	6.7288	1.0500	-	1.1941	2.3076	-	4.7626	6.8991						
3.7219	E+02	E+01	1.3176	E+05	E+04	6.1015	E+03	E+00						
-	6.1681	2.0614	-	1.1278	4.2143	-	4.3658	6.2227						
3.7219	E+02	E+01	1.3176	E+05	E+04	6.1015	E+03	E+00						
-	5.6073	1.0243	-	1.0615	3.6921	-	3.9689	2.7113						
3.7219	E+02	E+01	1.3176	E+05	E+04	6.1015	E+03	E+01						
-	5.0466	7.1008	-	9.9511	5.2944	-	3.5720	1.1022						
3.7219	E+02	E+00	1.3176	E+05	E+04	6.1015	E+03	E+01						
-	4.4859	1.6985	-	9.2877	6.6931	-	3.1751	2.6934						
3.7219	E+02	E+01	1.3176	E+05	E+04	6.1015	E+03	E+01						
-	3.9251	1.3614	-	8.6243	1.0459	-	2.7782	1.1842						
3.7219	E+02	E+01	1.3176	E+05	E+05	6.1015	E+03	E+01						
-	3.3644	2.3985	-	7.9609	1.5949	-	2.3813	1.1396						
3.7219	E+02	E+01	1.3176	E+05	E+05	6.1015	E+03	E+02						
-	2.8037	4.4728	-	7.2975	2.4529	-	1.9844	4.2484						
3.7219	E+02	E+01	1.3176	E+05	E+05	6.1015	E+03	E+01						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	3.7219	2.2429	3.7700	-	1.3176	6.6341	3.5240	-	6.1015	1.5875	1.0830			
	E+02	E+02	E+01		E+05	E+04	E+05		E+03	E+03	E+02			
-	3.7219	1.6822	3.8894	-	1.3176	5.9707	5.6852	-	6.1015	1.1907	1.5504			
	E+02	E+02	E+01		E+05	E+04	E+05		E+03	E+03	E+03			
-	3.7219	1.1215	7.1252	-	1.3176	5.3073	1.1519	-	6.1015	7.9377	2.1729			
	E+02	E+02	E+01		E+05	E+04	E+06		E+03	E+02	E+03			
-	3.7219	5.6073	1.9934	-	1.3176	4.6439	1.6725	-	6.1015	3.9689	3.4858			
	E+02	E+01	E+02		E+05	E+04	E+06		E+03	E+02	E+04			
-	3.7219	0.0000	3.8064	-	1.3176	3.9804	2.7722	-	6.1015	0.0000	1.3286			
	E+02	E+00	E+02		E+05	E+04	E+06		E+03	E+00	E+05			
-	4.3483	1.7383	1.7500	-	1.3176	3.3170	4.0919	-	6.5964	7.5409	2.1215			
	E+02	E+03	E+00		E+05	E+04	E+06		E+03	E+03	E-01			
-	4.3483	7.2895	7.0000	-	1.3176	2.6536	5.5421	-	6.5964	7.1440	2.0854			
	E+02	E+02	E+00		E+05	E+04	E+06		E+03	E+03	E+02			
-	4.3483	6.7288	1.9764	-	1.3176	1.9902	6.3705	-	6.5964	6.7471	3.1298			
	E+02	E+02	E+01		E+05	E+04	E+06		E+03	E+03	E-01			
-	4.3483	6.1681	6.7426	-	1.3176	1.3268	6.7067	-	6.5964	6.3502	3.0473			
	E+02	E+02	E+00		E+05	E+04	E+06		E+03	E+03	E+00			
-	4.3483	5.6073	1.0371	-	1.3176	6.6341	7.1932	-	6.5964	5.9533	1.7846			
	E+02	E+02	E+01		E+05	E+03	E+06		E+03	E+03	E+01			
-	4.3483	5.0466	1.0371	-	1.3176	0.0000	2.3914	-	6.5964	5.5564	6.4588			
	E+02	E+02	E+01		E+05	E+00	E+07		E+03	E+03	E+00			
-	4.3483	4.4859	1.7371	-	1.3898	1.4595	1.6490	-	6.5964	5.1595	7.0000			
	E+02	E+02	E+01		E+05	E+05	E+03		E+03	E+03	E+00			
-	4.3483	3.9251	2.0485	-	1.3898	1.3932	1.4469	-	6.5964	4.7626	8.1489			
	E+02	E+02	E+01		E+05	E+05	E+03		E+03	E+03	E-01			
-	4.3483	3.3644	1.7500	-	1.3898	1.3268	7.0874	-	6.5964	3.9689	2.9359			
	E+02	E+02	E+01		E+05	E+05	E+03		E+03	E+03	E+00			
-	4.3483	2.8037	1.3871	-	1.3898	1.2605	2.9481	-	6.5964	3.5720	5.6702			
	E+02	E+02	E+01		E+05	E+05	E+03		E+03	E+03	E+00			
-	4.3483	2.2429	1.0243	-	1.3898	1.1941	9.9343	-	6.5964	3.1751	1.9192			
	E+02	E+02	E+01		E+05	E+05	E+03		E+03	E+03	E+01			
-	4.3483	1.6822	2.5364	-	1.3898	1.1278	3.6729	-	6.5964	2.7782	1.0083			
	E+02	E+02	E+01		E+05	E+05	E+04		E+03	E+03	E-01			
-	4.3483	1.1215	7.6186	-	1.3898	1.0615	4.7789	-	6.5964	1.9844	1.7735			
	E+02	E+02	E+01		E+05	E+05	E+04		E+03	E+03	E+01			

Original Instruction: T05 0138-8633 VER 00
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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	4.3483	5.6073	-	1.3898	9.9511	-	6.5964	1.5875	-	-	-	-	-	-
E+02	E+01	9.7940	E+05	E+04	5.1289	E+03	E+03	E+02						
E+02	E+00	2.3889	E+05	E+04	1.0763	E+03	E+03	E+02						
E+02	E+02	3.3713	E+05	E+04	1.4995	E+03	E+02	E+02						
E+02	E+02	6.7426	E+05	E+04	2.1327	E+03	E+02	E+03						
E+02	E+02	6.7426	E+05	E+04	2.9906	E+03	E+00	E+04						
E+02	E+02	6.8713	E+05	E+04	4.1881	E+03	E+03	E-01						
E+02	E+02	1.9764	E+05	E+04	7.3714	E+03	E+03	E+00						
E+02	E+02	1.9864	E+05	E+04	1.1476	E+03	E+03	E+00						
E+02	E+02	1.3743	E+05	E+04	1.8174	E+03	E+03	E-01						
E+02	E+02	3.4614	E+05	E+04	2.8465	E+03	E+03	E+00						
E+02	E+01	8.5999	E+05	E+04	4.8179	E+03	E+03	E+00						
E+02	E+00	1.4111	E+05	E+04	6.0419	E+03	E+03	E+00						
E+02	E+02	3.3713	E+05	E+04	7.0608	E+03	E+03	E-01						
E+02	E+02	3.5000	E+05	E+04	6.7917	E+03	E+03	E+02						
E+02	E+02	3.3713	E+05	E+03	8.3299	E+03	E+03	E-01						
E+02	E+02	1.0371	E+05	E+00	2.6868	E+03	E+02	E+02						
E+02	E+02	3.3713	E+05	E+05	2.4896	E+03	E+02	E+03						
E+02	E+02	8.1213	E+05	E+05	7.0337	E+03	E+00	E+04						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	5.6012	1.8364	-	1.1941	2.1502	-	3.5720	3.1298						
E+02	E+02	E+01	E+05	E+05	E+03	E+03	E+03	E-01						
-	5.6012	4.6336	-	1.1278	3.6637	-	3.1751	1.1230						
E+02	E+01	E+01	E+05	E+05	E+03	E+03	E+03	E+00						
-	5.6012	5.3614	-	1.0615	3.0969	-	1.9844	5.0384						
E+02	E+00	E+01	E+05	E+05	E+03	E+03	E+03	E+00						
-	6.2276	3.3713	-	9.9511	1.8452	-	1.5875	7.7091						
E+02	E+02	E+00	E+05	E+04	E+04	E+03	E+03	E+00						
-	6.2276	3.3713	-	9.2877	3.5565	-	1.1907	1.4975						
E+02	E+02	E+00	E+05	E+04	E+04	E+03	E+03	E+01						
-	6.2276	2.0166	-	8.6243	9.1024	-	7.9377	6.4849						
E+02	E+02	E-01	E+05	E+04	E+04	E+03	E+02	E+00						
-	6.2276	2.0743	-	7.9609	1.1968	-	3.9689	2.6499						
E+02	E+02	E+01	E+05	E+04	E+05	E+03	E+02	E+03						
-	6.2276	4.4663	-	7.2975	2.2825	-	0.0000	4.4424						
E+02	E+01	E+01	E+05	E+04	E+05	E+03	E+00	E+03						
-	6.2276	6.0086	-	6.6341	4.8167	-	6.3502	3.7122						
E+02	E+00	E+01	E+05	E+04	E+05	E+03	E+03	E+00						
-	6.8540	3.3713	-	5.9707	7.3930	-	5.9533	1.0083						
E+02	E+02	E+00	E+05	E+04	E+05	E+03	E+03	E-01						
-	6.8540	1.0243	-	5.3073	1.3071	-	4.7626	1.0083						
E+02	E+02	E+01	E+05	E+04	E+06	E+03	E+03	E-01						
-	6.8540	6.7426	-	4.6439	2.3711	-	3.9689	1.2500						
E+02	E+02	E+00	E+05	E+04	E+06	E+03	E+03	E+00						
-	6.8540	1.6985	-	3.9804	3.6892	-	3.5720	2.1215						
E+02	E+01	E+01	E+05	E+04	E+06	E+03	E+03	E-01						
-	6.8540	3.2235	-	3.3170	5.8758	-	2.3813	1.3196						
E+02	E+00	E+01	E+05	E+04	E+06	E+03	E+03	E+00						
-	7.4805	3.3713	-	2.6536	7.5299	-	1.5875	5.0000						
E+02	E+02	E+00	E+05	E+04	E+06	E+03	E+03	E+00						
-	7.4805	6.8713	-	1.9902	8.7022	-	1.1907	1.5317						
E+02	E+01	E+00	E+05	E+04	E+06	E+03	E+03	E+00						
-	7.4805	2.6635	-	1.3268	9.2064	-	7.9377	2.0444						
E+02	E+00	E+01	E+05	E+04	E+06	E+03	E+02	E+00						
-	8.1069	7.0000	-	6.6341	1.0113	-	3.9689	2.4151						
E+02	E+01	E+00	E+05	E+03	E+07	E+03	E+02	E+02						

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Markov Matrices

F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 8.1069 E+02	0.0000 E+00	1.7243 E+01	- 1.4619 E+05	0.0000 E+00	3.1227 E+07	- 8.0809 E+03	0.0000 E+00	1.2268 E+03						
			- 1.5340 E+05	1.3932 E+05	1.6856 E+00	- 8.5758 E+03	7.9377 E+02	5.0384 E+00						
			- 1.5340 E+05	1.3268 E+05	1.6856 E+00	- 8.5758 E+03	3.9689 E+02	1.3731 E+01						
			- 1.5340 E+05	1.1941 E+05	5.0570 E+00	- 8.5758 E+03	0.0000 E+00	4.4241 E+02						
			- 1.5340 E+05	1.0615 E+05	5.9580 E+02	- 9.0707 E+03	1.1907 E+03	1.0083 E-01						
			- 1.5340 E+05	9.9511 E+04	3.1009 E+03	- 9.0707 E+03	3.9689 E+02	1.1230 E+00						
			- 1.5340 E+05	9.2877 E+04	4.5030 E+03	- 9.0707 E+03	0.0000 E+00	5.3025 E+02						
			- 1.5340 E+05	8.6243 E+04	3.0269 E+04	- 9.5655 E+03	2.7782 E+03	1.0083 E-01						
			- 1.5340 E+05	7.9609 E+04	4.5524 E+04	- 9.5655 E+03	3.9689 E+02	4.5790 E+00						
			- 1.5340 E+05	7.2975 E+04	1.0731 E+05	- 9.5655 E+03	0.0000 E+00	2.1648 E+02						
			- 1.5340 E+05	6.6341 E+04	2.5634 E+05	- 1.0555 E+04	1.1907 E+03	1.0083 E-01						
			- 1.5340 E+05	5.9707 E+04	4.6608 E+05	- 1.0555 E+04	3.9689 E+02	1.3196 E+00						
			- 1.5340 E+05	5.3073 E+04	1.1741 E+06	- 1.0555 E+04	0.0000 E+00	1.6326 E+00						
			- 1.5340 E+05	4.6439 E+04	1.7151 E+06									
			- 1.5340 E+05	3.9804 E+04	3.2380 E+06									
			- 1.5340 E+05	3.3170 E+04	5.1929 E+06									
			- 1.5340 E+05	2.6536 E+04	7.5129 E+06									
			- 1.5340 E+05	1.9902 E+04	8.5703 E+06									

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
			- 1.5340 E+05	1.3268 E+04	8.5281 E+06									
			- 1.5340 E+05	6.6341 E+03	1.0190 E+07									
			- 1.5340 E+05	0.0000 E+00	2.9544 E+07									
			- 1.6061 E+05	1.2605 E+05	1.6856 E+00									
			- 1.6061 E+05	9.9511 E+04	1.6856 E+00									
			- 1.6061 E+05	7.9609 E+04	6.2406 E+03									
			- 1.6061 E+05	7.2975 E+04	1.3163 E+04									
			- 1.6061 E+05	6.6341 E+04	4.0724 E+04									
			- 1.6061 E+05	5.9707 E+04	8.2145 E+04									
			- 1.6061 E+05	5.3073 E+04	2.7276 E+05									
			- 1.6061 E+05	4.6439 E+04	4.3571 E+05									
			- 1.6061 E+05	3.9804 E+04	1.0285 E+06									
			- 1.6061 E+05	3.3170 E+04	1.5993 E+06									
			- 1.6061 E+05	2.6536 E+04	2.4813 E+06									
			- 1.6061 E+05	1.9902 E+04	2.8452 E+06									
			- 1.6061 E+05	1.3268 E+04	3.4248 E+06									
			- 1.6061 E+05	6.6341 E+03	4.2829 E+06									
			- 1.6061 E+05	0.0000 E+00	1.5299 E+07									

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Markov Matrices

F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
			- 1.6783 E+05	6.6341 E+04	3.3713 E+00									
			- 1.6783 E+05	5.9707 E+04	6.6642 E+03									
			- 1.6783 E+05	5.3073 E+04	1.1178 E+04									
			- 1.6783 E+05	4.6439 E+04	1.2546 E+04									
			- 1.6783 E+05	3.9804 E+04	4.7972 E+04									
			- 1.6783 E+05	3.3170 E+04	1.8731 E+05									
			- 1.6783 E+05	2.6536 E+04	2.4796 E+05									
			- 1.6783 E+05	1.9902 E+04	2.8642 E+05									
			- 1.6783 E+05	1.3268 E+04	4.2422 E+05									
			- 1.6783 E+05	6.6341 E+03	6.5073 E+05									
			- 1.6783 E+05	0.0000 E+00	5.2399 E+06									
			- 1.7504 E+05	5.3073 E+04	6.7426 E+00									
			- 1.7504 E+05	3.9804 E+04	6.7426 E+00									
			- 1.7504 E+05	3.3170 E+04	6.7426 E+00									
			- 1.7504 E+05	2.6536 E+04	2.0228 E+01									
			- 1.7504 E+05	1.9902 E+04	2.7593 E+02									
			- 1.7504 E+05	1.3268 E+04	2.6162 E+04									
			- 1.7504 E+05	6.6341 E+03	4.1296 E+04									

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 Original Instruction: T05 0138-8633 VER 00
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 VAT No. DK89632314

Class T05

Document:
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Description:
 Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
			- 1.7504 E+05	0.0000 E+00	8.7049 E+05									
			- 1.8225 E+05	3.9804 E+04	3.3713 E+00									
			- 1.8225 E+05	2.6536 E+04	6.7426 E+00									
			- 1.8225 E+05	1.9902 E+04	1.3485 E+01									
			- 1.8225 E+05	1.3268 E+04	1.3485 E+01									
			- 1.8225 E+05	6.6341 E+03	2.0228 E+01									
			- 1.8225 E+05	0.0000 E+00	8.0100 E+04									
			- 1.8946 E+05	2.6536 E+04	1.0114 E+01									
			- 1.8946 E+05	6.6341 E+03	2.7652 E+02									
			- 1.8946 E+05	0.0000 E+00	1.5007 E+04									
			- 1.9668 E+05	0.0000 E+00	3.3713 E+00									
			- 2.0389 E+05	0.0000 E+00	3.3713 E+00									

Table 5-6 [4] Markov Matrix

Original Instruction: T05 0138-8633 VER 00

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Appendix F. Markov matrices – issued from [5]

This appendix contains the Markov Matrices for the shear force, the bending moment and the torsional moment in the bottom of the tower, from ref. [5]. Foundation design must be verified for the most critical Markov matrices.

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.6414 E+03	0.0000 E+00	1.6972 E-01	1.6384 E+05	0.0000 E+00	2.7042 E+00	1.1544 E+04	0.0000 E+00	1.4297 E+01	7.1192 E+02	0.0000 E+00	1.0557 E+00	9.9437 E+04	3.9928 E+03	1.6972 E-01
1.4443 E+03	0.0000 E+00	1.8284 E+01	1.4853 E+05	1.4093 E+04	2.7042 E+00	1.0296 E+04	1.5257 E+03	2.7042 E+00	6.7330 E+02	3.5486 E+01	1.6972 E-01	9.9437 E+04	0.0000 E+00	1.6972 E-01
1.3786 E+03	2.3030 E+02	2.7042 E+00	1.4853 E+05	7.0465 E+03	2.7042 E+00	9.0480 E+03	3.5599 E+03	2.7042 E+00	6.7330 E+02	0.0000 E+00	6.4802 E-01	9.0495 E+04	3.9928 E+03	5.0000 E+00
1.3786 E+03	1.7273 E+02	2.7042 E+00	1.4853 E+05	0.0000 E+00	2.7042 E+00	9.0480 E+03	1.0171 E+03	4.0213 E+01	6.3467 E+02	1.7743 E+02	5.2785 E-01	9.0495 E+04	0.0000 E+00	1.8980 E+00
1.3786 E+03	1.1515 E+02	1.9705 E+01	1.2557 E+05	0.0000 E+00	8.9084 E+00	9.0480 E+03	5.0856 E+02	1.2500 E+00	6.3467 E+02	7.0972 E+01	4.1040 E+00	8.6024 E+04	3.9928 E+03	1.6972 E-01
1.3786 E+03	5.7576 E+01	2.6140 E+01	1.1791 E+05	1.4093 E+04	3.5000 E+00	9.0480 E+03	0.0000 E+00	8.8374 E+02	6.3467 E+02	3.5486 E+01	5.0000 E+00	8.6024 E+04	0.0000 E+00	1.0000 E+01
1.3786 E+03	0.0000 E+00	7.2956 E+01	1.1791 E+05	7.0465 E+03	2.7042 E+00	8.4241 E+03	3.0513 E+03	2.7042 E+00	6.3467 E+02	0.0000 E+00	1.0606 E+01	8.1553 E+04	3.9928 E+03	5.0000 E+00
1.3129 E+03	1.7273 E+02	2.7775 E+00	1.1791 E+05	0.0000 E+00	2.7121 E+01	8.4241 E+03	5.0856 E+02	2.7042 E+00	5.9605 E+02	1.7743 E+02	2.4184 E-02	8.1553 E+04	0.0000 E+00	1.6972 E-01
1.3129 E+03	1.1515 E+02	1.7674 E+03	1.1026 E+05	7.0465 E+03	2.5530 E+01	8.4241 E+03	0.0000 E+00	1.3654 E+02	5.9605 E+02	3.5486 E+01	2.9291 E+00	7.7082 E+04	1.1978 E+04	6.4802 E-01
1.3129 E+03	5.7576 E+01	6.5573 E+03	1.1026 E+05	0.0000 E+00	3.6113 E+01	7.8002 E+03	1.0171 E+03	5.0864 E+00	5.9605 E+02	0.0000 E+00	5.3430 E+01	7.7082 E+04	0.0000 E+00	1.0853 E+01
1.3129 E+03	0.0000 E+00	6.6835 E+03	1.0260 E+05	4.9325 E+04	2.7042 E+00	7.8002 E+03	5.0856 E+02	9.4253 E+02	5.5742 E+02	7.0972 E+01	5.0000 E+00	7.2611 E+04	1.5971 E+04	6.4802 E-01
1.2472 E+03	5.1818 E+02	2.7042 E+00	1.0260 E+05	1.4093 E+04	2.7042 E+00	7.8002 E+03	0.0000 E+00	1.4105 E+03	5.5742 E+02	3.5486 E+01	1.7307 E+02	7.2611 E+04	1.1978 E+04	5.2785 E-01
1.2472 E+03	2.3030 E+02	1.7854 E+03	1.0260 E+05	7.0465 E+03	1.8613 E+01	7.1763 E+03	9.6626 E+03	5.4590 E+01	5.5742 E+02	0.0000 E+00	2.2158 E+02	7.2611 E+04	7.9857 E+03	4.0307 E+00
1.2472 E+03	1.7273 E+02	2.8874 E+03	1.0260 E+05	0.0000 E+00	6.7846 E+01	7.1763 E+03	3.0513 E+03	2.7042 E+00	5.1880 E+02	2.8389 E+02	5.1023 E+00	7.2611 E+04	0.0000 E+00	1.7475 E+02
1.2472 E+03	1.1515 E+02	1.1123 E+04	9.4946 E+04	5.6372 E+04	2.7042 E+00	7.1763 E+03	2.0342 E+03	1.9747 E+01	5.1880 E+02	2.1291 E+02	1.6972 E-01	6.8140 E+04	2.7950 E+04	1.0557 E+00
1.2472 E+03	5.7576 E+01	2.7583 E+04	9.4946 E+04	3.5232 E+04	2.7042 E+00	7.1763 E+03	1.5257 E+03	1.6972 E-01	5.1880 E+02	1.4194 E+02	6.2500 E+00	6.8140 E+04	2.3957 E+04	1.6972 E-01
1.2472 E+03	0.0000 E+00	7.4833 E+04	9.4946 E+04	2.1139 E+04	3.5000 E+00	7.1763 E+03	1.0171 E+03	1.9759 E+03	5.1880 E+02	7.0972 E+01	1.3523 E+00	6.8140 E+04	1.9964 E+04	1.7037 E+00
1.1816 E+03	4.0303 E+02	2.7042 E+00	9.4946 E+04	1.4093 E+04	1.6704 E+01	7.1763 E+03	5.0856 E+02	3.4323 E+02	5.1880 E+02	3.5486 E+01	1.6795 E+01	6.8140 E+04	1.5971 E+04	4.2004 E+00
1.1816 E+03	3.4545 E+02	2.7042 E+00	9.4946 E+04	7.0465 E+03	6.2775 E+00	7.1763 E+03	0.0000 E+00	3.6483 E+03	5.1880 E+02	0.0000 E+00	4.2579 E+02	6.8140 E+04	7.9857 E+03	6.4802 E-01
1.1816 E+03	2.8788 E+02	1.7318 E+03	9.4946 E+04	0.0000 E+00	7.5003 E+01	6.5524 E+03	5.0856 E+03	2.7042 E+00	4.8018 E+02	3.1937 E+02	5.0000 E+00	6.8140 E+04	3.9928 E+03	1.4446 E+01
1.1816 E+03	2.3030 E+02	7.2069 E+03	8.7291 E+04	3.5232 E+04	2.7042 E+00	6.5524 E+03	3.5599 E+03	3.7227 E+01	4.8018 E+02	2.4840 E+02	5.0000 E+00	6.8140 E+04	0.0000 E+00	1.9566 E+01
1.1816 E+03	1.7273 E+02	3.1205 E+04	8.7291 E+04	1.4093 E+04	2.7042 E+00	6.5524 E+03	3.0513 E+03	2.0184 E+01	4.8018 E+02	1.4194 E+02	1.2742 E+00	6.3669 E+04	3.5935 E+04	1.6972 E-01
1.1816 E+03	1.1515 E+02	8.4922 E+04	8.7291 E+04	7.0465 E+03	3.8817 E+01	6.5524 E+03	2.5428 E+03	2.0184 E+01	4.8018 E+02	1.0646 E+02	5.0000 E+00	6.3669 E+04	2.3957 E+04	1.6972 E-01
1.1816 E+03	5.7576 E+01	2.1887 E+05	8.7291 E+04	0.0000 E+00	6.8872 E+01	6.5524 E+03	2.0342 E+03	1.7043 E+01	4.8018 E+02	7.0972 E+01	5.2431 E+00	6.3669 E+04	1.1978 E+04	5.0000 E+00

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.1816	0.0000	2.9650	7.9636	1.4093	6.2042	6.5524	1.5257	7.3333	4.8018	3.5486	4.1192	6.3669	7.9857	1.2157
E+03	E+00	E+05	E+04	E+04	E+00	E+03	E+03	E-02	E+02	E+01	E+01	E+04	E+03	E+01
1.1159	5.7576	2.7042	7.9636	7.0465	3.4121	6.5524	1.0171	1.3540	4.8018	0.0000	4.5464	6.3669	3.9928	1.2438
E+03	E+02	E+00	E+04	E+03	E+01	E+03	E+03	E+03	E+02	E+00	E+02	E+04	E+03	E+01
1.1159	5.1818	2.7042	7.9636	0.0000	8.2838	6.5524	5.0856	3.1671	4.4155	2.8389	5.0000	6.3669	0.0000	3.3367
E+03	E+02	E+00	E+04	E+00	E+01	E+03	E+02	E+03	E+02	E+02	E+00	E+04	E+00	E+01
1.1159	4.0303	1.6595	7.1980	1.9025	2.7042	6.5524	0.0000	1.5537	4.4155	2.4840	5.0281	5.9198	6.7878	8.5839
E+03	E+02	E+03	E+04	E+05	E+00	E+03	E+00	E+04	E+02	E+02	E+00	E+04	E+04	E+01
1.1159	3.4545	3.0650	7.1980	2.8186	2.7042	5.9285	8.1369	1.9248	4.4155	2.1291	1.6972	5.9198	4.7914	6.4802
E+03	E+02	E+03	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E-01	E+04	E+04	E-01
1.1159	2.8788	3.9312	7.1980	2.1139	6.2042	5.9285	6.6113	1.4297	4.4155	1.7743	1.6667	5.9198	3.5935	6.4802
E+03	E+02	E+04	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E-01
1.1159	2.3030	4.3727	7.1980	1.4093	3.5000	5.9285	5.5941	1.9747	4.4155	1.4194	5.0039	5.9198	3.1943	1.5527
E+03	E+02	E+04	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+01
1.1159	1.7273	1.1534	7.1980	7.0465	4.3576	5.9285	5.0856	1.2500	4.4155	7.0972	1.8233	5.9198	2.7950	1.6972
E+03	E+02	E+05	E+04	E+03	E+01	E+03	E+03	E+00	E+02	E+01	E+02	E+04	E+04	E-01
1.1159	1.1515	4.4420	7.1980	0.0000	1.0830	5.9285	4.5770	3.8114	4.4155	3.5486	4.5672	5.9198	2.3957	1.0557
E+03	E+02	E+05	E+04	E+00	E+02	E+03	E+03	E+01	E+02	E+01	E+02	E+04	E+04	E+00
1.1159	5.7576	9.1062	6.4325	1.6207	1.3521	5.9285	3.5599	4.4636	4.4155	0.0000	2.1688	5.9198	1.9964	6.4802
E+03	E+01	E+05	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+00	E+03	E+04	E+04	E-01
1.1159	0.0000	1.4323	6.4325	1.5502	1.3521	5.9285	2.5428	5.9128	4.0293	3.9034	6.4802	5.9198	1.5971	6.0739
E+03	E+00	E+06	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+04	E+00
1.0502	9.7878	2.7042	6.4325	6.3418	2.7042	5.9285	2.0342	1.8293	4.0293	3.1937	5.0000	5.9198	1.1978	1.6490
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+01
1.0502	8.0606	2.7042	6.4325	5.6372	2.7042	5.9285	1.5257	2.0641	4.0293	1.7743	1.2500	5.9198	7.9857	7.9192
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+03	E+00
1.0502	7.4848	3.0592	6.4325	3.5232	1.2500	5.9285	1.0171	1.7325	4.0293	1.4194	1.3475	5.9198	3.9928	1.8928
E+03	E+02	E+02	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+03	E+02
1.0502	6.9091	2.7042	6.4325	2.8186	3.5000	5.9285	5.0856	5.1564	4.0293	1.0646	1.0130	5.9198	0.0000	1.2242
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+02	E+03	E+02	E+02	E+01	E+04	E+00	E+03
1.0502	6.3333	3.1133	6.4325	2.1139	8.9084	5.9285	0.0000	5.9170	4.0293	7.0972	3.7142	5.4727	4.7914	4.0307
E+03	E+02	E+02	E+04	E+04	E+00	E+03	E+00	E+04	E+02	E+01	E+01	E+04	E+04	E+00
1.0502	5.7576	3.0862	6.4325	1.4093	2.2113	5.3046	1.0171	9.9078	4.0293	3.5486	3.0102	5.4727	4.3921	4.2004
E+03	E+02	E+02	E+04	E+04	E+01	E+03	E+04	E+01	E+02	E+01	E+02	E+04	E+04	E+00
1.0502	5.1818	2.0685	6.4325	7.0465	3.0753	5.3046	9.1540	3.0596	4.0293	0.0000	2.9930	5.4727	3.9928	2.3517
E+03	E+02	E+03	E+04	E+03	E+01	E+03	E+03	E+02	E+02	E+00	E+03	E+04	E+04	E+00
1.0502	4.6060	4.3797	6.4325	0.0000	1.3637	5.3046	8.6455	1.0770	3.6431	8.8714	8.5839	5.4727	3.1943	6.2988
E+03	E+02	E+03	E+04	E+00	E+02	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+04	E+00
1.0502	4.0303	2.3837	5.6670	1.9025	2.7042	5.3046	7.6284	5.4590	3.6431	6.0326	1.0557	5.4727	2.7950	3.3944
E+03	E+02	E+03	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E-01
1.0502	3.4545	2.0821	5.6670	1.7616	3.1021	5.3046	7.1198	8.8104	3.6431	5.3229	4.0307	5.4727	2.3957	1.5649
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+00
1.0502	2.8788	1.1679	5.6670	1.6912	1.3521	5.3046	6.6113	9.3830	3.6431	4.6132	1.6972	5.4727	1.9964	1.1808
E+03	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E-01	E+04	E+04	E+01
1.0502	2.3030	2.9759	5.6670	1.5502	4.0563	5.3046	6.1027	8.9958	3.6431	4.2583	5.6480	5.4727	1.5971	4.8030
E+03	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+00
1.0502	1.7273	8.9597	5.6670	1.4798	1.7500	5.3046	5.0856	5.7256	3.6431	3.5486	5.0000	5.4727	1.1978	5.8434
E+03	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+01
1.0502	1.1515	2.0557	5.6670	1.4093	5.8063	5.3046	4.5770	5.9649	3.6431	3.1937	1.4781	5.4727	7.9857	8.8924
E+03	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+03	E+00
1.0502	5.7576	3.8106	5.6670	1.3388	1.7500	5.3046	4.0685	1.5547	3.6431	2.8389	5.0000	5.4727	3.9928	2.2574
E+03	E+01	E+06	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+03	E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.0502	0.0000	4.4218	5.6670	9.8650	5.4084	5.3046	3.5599	2.1010	3.6431	2.4840	1.0818	5.4727	0.0000	3.7542
E+03	E+00	E+06	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+00	E+03
9.8448	1.4970	1.3521	5.6670	6.3418	2.7042	5.3046	3.0513	1.3238	3.6431	1.7743	5.8177	5.0256	8.3849	6.4802
E+02	E+03	E+00	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E-01
9.8448	1.2667	3.2100	5.6670	4.2279	8.9084	5.3046	2.5428	1.1726	3.6431	1.4194	5.8478	5.0256	6.7878	5.2785
E+02	E+03	E+02	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E-01
9.8448	1.0939	1.3521	5.6670	3.5232	9.7775	5.3046	2.0342	1.1429	3.6431	1.0646	4.8453	5.0256	5.5900	1.0557
E+02	E+03	E+00	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+00
9.8448	1.0364	1.3521	5.6670	2.8186	1.8613	5.3046	1.5257	3.8325	3.6431	7.0972	5.0747	5.0256	4.7914	2.0833
E+02	E+03	E+00	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+01	E+01	E+04	E+04	E+00
9.8448	8.6363	4.7549	5.6670	2.1139	3.1021	5.3046	1.0171	7.9794	3.6431	3.5486	1.0845	5.0256	4.3921	1.7274
E+02	E+02	E+03	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+01	E+03	E+04	E+04	E+01
9.8448	8.0606	1.4638	5.6670	1.4093	2.2704	5.3046	5.0856	4.2636	3.6431	0.0000	6.1971	5.0256	3.9928	5.1106
E+02	E+02	E+04	E+04	E+04	E+01	E+03	E+02	E+04	E+02	E+00	E+03	E+04	E+04	E+00
9.8448	7.4848	4.1257	5.6670	7.0465	5.7588	5.3046	0.0000	1.8949	3.2568	4.9680	1.2254	5.0256	3.5935	3.0858
E+02	E+02	E+03	E+04	E+03	E+01	E+03	E+00	E+05	E+02	E+02	E+00	E+04	E+04	E+00
9.8448	6.9091	3.1156	5.6670	0.0000	1.5715	4.6807	1.1188	1.5353	3.2568	4.6132	3.8881	5.0256	3.1943	5.9041
E+02	E+02	E+04	E+04	E+00	E+02	E+03	E+04	E+01	E+02	E+02	E-03	E+04	E+04	E+00
9.8448	6.3333	3.1201	4.9014	1.5502	8.7500	4.6807	1.0171	1.7043	3.2568	4.2583	2.4974	5.0256	2.7950	2.7176
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+04	E+01
9.8448	5.7576	7.7193	4.9014	1.4798	1.1852	4.6807	9.6626	1.4297	3.2568	3.5486	5.0039	5.0256	2.3957	3.1948
E+02	E+02	E+04	E+04	E+05	E+01	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+01
9.8448	5.1818	1.5827	4.9014	1.4093	1.2806	4.6807	9.1540	1.2644	3.2568	3.1937	6.4197	5.0256	1.9964	5.2472
E+02	E+02	E+05	E+04	E+05	E+01	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+01
9.8448	4.6060	1.9786	4.9014	1.3388	5.2500	4.6807	8.6455	1.8138	3.2568	2.8389	7.3333	5.0256	1.5971	4.2392
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E-02	E+04	E+04	E+01
9.8448	4.0303	2.3026	4.9014	1.2684	3.1021	4.6807	8.1369	1.2595	3.2568	2.4840	6.3523	5.0256	1.1978	3.7479
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+02
9.8448	3.4545	3.1167	4.9014	1.1274	5.2500	4.6807	7.6284	3.3252	3.2568	2.1291	3.4479	5.0256	7.9857	2.1557
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+03	E+02
9.8448	2.8788	7.0817	4.9014	9.8650	3.5000	4.6807	7.1198	2.9242	3.2568	1.7743	2.3110	5.0256	3.9928	2.1716
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+03	E+02
9.8448	2.3030	1.5082	4.9014	7.0465	3.5000	4.6807	6.6113	6.0241	3.2568	1.4194	3.0136	5.0256	0.0000	3.3486
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+00	E+04
9.8448	1.7273	3.6324	4.9014	6.3418	8.9084	4.6807	6.1027	1.4243	3.2568	1.0646	2.2184	4.5785	6.7878	1.7391
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+02
9.8448	1.1515	6.6752	4.9014	5.6372	7.0000	4.6807	5.5941	6.6757	3.2568	7.0972	5.8476	4.5785	6.3885	1.1406
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+01	E+02	E+04	E+04	E+00
9.8448	5.7576	1.1139	4.9014	4.9325	1.4000	4.6807	5.0856	4.6017	3.2568	3.5486	3.7101	4.5785	5.9892	8.7061
E+02	E+01	E+07	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+01	E+03	E+04	E+04	E+00
9.8448	0.0000	1.1141	4.9014	4.2279	6.2042	4.6807	4.5770	9.1334	3.2568	0.0000	1.2175	4.5785	5.5900	2.5215
E+02	E+00	E+07	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+04	E+00
9.1878	1.7273	3.6667	4.9014	3.5232	3.5000	4.6807	4.0685	2.1649	2.8706	9.2263	4.0307	4.5785	5.1907	4.8851
E+02	E+03	E-02	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+00
9.1878	1.4970	3.2100	4.9014	2.8186	6.2042	4.6807	3.5599	3.8521	2.8706	8.1617	2.0833	4.5785	4.7914	9.1415
E+02	E+03	E+02	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+00
9.1878	1.3242	1.3521	4.9014	2.1139	2.1908	4.6807	3.0513	3.9717	2.8706	7.4520	2.2681	4.5785	4.3921	7.7057
E+02	E+03	E+00	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+00
9.1878	1.2667	1.3521	4.9014	1.4093	7.4909	4.6807	2.5428	8.9679	2.8706	7.0972	2.1138	4.5785	3.9928	1.8932
E+02	E+03	E+00	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+02
9.1878	1.2091	3.2100	4.9014	7.0465	1.4191	4.6807	2.0342	9.3372	2.8706	6.7423	1.2500	4.5785	3.5935	3.3313
E+02	E+03	E+02	E+04	E+03	E+02	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
9.1878	1.1515	3.5620	4.9014	0.0000	1.8825	4.6807	1.5257	1.3682	2.8706	6.3874	1.6972	4.5785	3.1943	2.0754
E+02	E+03	E+03	E+04	E+00	E+03	E+03	E+03	E+04	E+02	E+02	E-01	E+04	E+04	E+02
9.1878	1.0939	4.0887	4.1359	1.6912	1.9771	4.6807	1.0171	5.3914	2.8706	6.0326	1.6972	4.5785	2.7950	6.7476
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E-01	E+04	E+04	E+01
9.1878	1.0364	4.4385	4.1359	1.6207	5.2500	4.6807	5.0856	1.4745	2.8706	5.6777	1.4277	4.5785	2.3957	4.3243
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+02	E+05	E+02	E+02	E+01	E+04	E+04	E+02
9.1878	9.7878	1.4325	4.1359	1.5502	2.3750	4.6807	0.0000	4.5601	2.8706	5.3229	1.2254	4.5785	1.9964	1.3577
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+00	E+05	E+02	E+02	E+00	E+04	E+04	E+02
9.1878	9.2121	2.7914	4.1359	1.4798	1.7500	4.0568	1.5257	2.0107	2.8706	4.9680	8.1774	4.5785	1.5971	1.5201
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+04	E+01	E+02	E+02	E-01	E+04	E+04	E+02
9.1878	8.6363	5.5108	4.1359	1.4093	7.0000	4.0568	1.4240	6.2500	2.8706	4.6132	4.2004	4.5785	1.1978	3.3923
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+04	E-01	E+02	E+02	E+00	E+04	E+04	E+02
9.1878	8.0606	1.1005	4.1359	1.3388	9.3063	4.0568	1.2714	1.7500	2.8706	4.2583	5.1597	4.5785	7.9857	1.8297
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+04	E+00	E+02	E+02	E+00	E+04	E+03	E+02
9.1878	7.4848	1.8175	4.1359	1.2684	4.8521	4.0568	1.1697	1.4297	2.8706	3.9034	1.0018	4.5785	3.9928	1.3743
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+03	E+04
9.1878	6.9091	3.6245	4.1359	1.1979	6.6021	4.0568	1.1188	4.5369	2.8706	3.5486	3.1807	4.5785	0.0000	1.8946
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+00	E+05
9.1878	6.3333	6.3932	4.1359	1.1274	1.3521	4.0568	1.0680	2.0810	2.8706	3.1937	6.6355	4.1314	1.6371	1.6972
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+04	E+02	E+02	E+02	E+00	E+04	E+05	E-01
9.1878	5.7576	1.1426	4.1359	1.0570	1.7500	4.0568	9.6626	7.9469	2.8706	2.8389	2.0086	4.1314	8.3849	2.0833
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E-01	E+02	E+02	E+01	E+04	E+04	E+00
9.1878	5.1818	1.8252	4.1359	8.4558	2.7042	4.0568	9.1540	1.5045	2.8706	2.4840	1.7839	4.1314	7.9857	2.1757
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+00
9.1878	4.6060	2.4871	4.1359	7.7511	9.7042	4.0568	8.6455	4.1269	2.8706	2.1291	1.4167	4.1314	6.7878	1.0557
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+00
9.1878	4.0303	3.0978	4.1359	7.0465	1.4000	4.0568	8.1369	9.7096	2.8706	1.7743	1.8560	4.1314	6.3885	6.4776
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+00
9.1878	3.4545	3.6226	4.1359	6.3418	1.6704	4.0568	7.6284	4.3455	2.8706	1.4194	2.2688	4.1314	5.9892	5.1597
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+00
9.1878	2.8788	4.1749	4.1359	4.9325	1.6704	4.0568	7.1198	2.7481	2.8706	1.0646	1.5924	4.1314	5.5900	4.0307
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+00
9.1878	2.3030	6.1306	4.1359	4.2279	1.0954	4.0568	6.6113	8.7312	2.8706	7.0972	6.8835	4.1314	5.1907	8.9269
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+01	E+03	E+04	E+04	E+00
9.1878	1.7273	1.0359	4.1359	3.5232	3.0757	4.0568	6.1027	2.3355	2.8706	3.5486	2.1254	4.1314	4.7914	1.7164
E+02	E+02	E+07	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+01	E+04	E+04	E+04	E+02
9.1878	1.1515	1.6622	4.1359	2.8186	2.2879	4.0568	5.5941	4.2741	2.8706	0.0000	4.1238	4.1314	4.3921	4.0862
E+02	E+02	E+07	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+00	E+04	E+04	E+04	E+01
9.1878	5.7576	2.4177	4.1359	2.1139	3.8817	4.0568	5.0856	1.7563	2.4843	1.1710	6.4802	4.1314	3.9928	3.7007
E+02	E+01	E+07	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+03	E-01	E+04	E+04	E+02
9.1878	0.0000	2.1928	4.1359	1.4093	9.1278	4.0568	4.5770	1.6661	2.4843	9.9360	1.0557	4.1314	3.5935	3.4652
E+02	E+00	E+07	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+01
8.5309	1.4970	1.0657	4.1359	7.0465	2.5412	4.0568	4.0685	3.1627	2.4843	9.5812	5.5279	4.1314	3.1943	9.5064
E+02	E+03	E+02	E+04	E+03	E+02	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+01
8.5309	1.4394	1.5303	4.1359	0.0000	1.2198	4.0568	3.5599	5.0721	2.4843	8.5166	6.4802	4.1314	2.7950	1.0888
E+02	E+03	E+02	E+04	E+00	E+04	E+03	E+03	E+04	E+02	E+02	E-01	E+04	E+04	E+02
8.5309	1.3818	9.9881	3.3704	1.5502	1.7500	4.0568	3.0513	4.3532	2.4843	8.1617	1.5835	4.1314	2.3957	8.5933
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+02
8.5309	1.3242	1.2137	3.3704	1.4798	4.4542	4.0568	2.5428	7.8104	2.4843	7.8069	2.7594	4.1314	1.9964	6.7063
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+02
8.5309	1.2667	4.4975	3.3704	1.4093	1.0139	4.0568	2.0342	5.5039	2.4843	7.4520	6.5522	4.1314	1.5971	5.3945
E+02	E+03	E+03	E+04	E+05	E+01	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+02

Original Instruction: T05 0138-8633 VER 00
 Approved- Exported from DMS: 2023-08-29 by VESTAS

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.5309	1.2091	1.3150	3.3704	1.3388	7.9542	4.0568	1.5257	8.7304	2.4843	7.0972	1.7037	4.1314	1.1978	2.1802
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+03
8.5309	1.1515	1.0615	3.3704	1.2684	4.8521	4.0568	1.0171	1.4122	2.4843	6.7423	1.2432	4.1314	7.9857	2.9141
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+03	E+03
8.5309	1.0939	3.4609	3.3704	1.1979	3.1021	4.0568	5.0856	3.7276	2.4843	6.3874	3.3944	4.1314	3.9928	2.1574
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+02	E+05	E+02	E+02	E-01	E+04	E+03	E+04
8.5309	1.0364	7.3283	3.3704	1.1274	3.1021	4.0568	0.0000	1.0598	2.4843	6.0326	1.7049	4.1314	0.0000	4.5689
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+00	E+06	E+02	E+02	E+02	E+04	E+00	E+05
8.5309	9.7878	1.1371	3.3704	1.0570	3.5000	3.4329	2.1868	2.7295	2.4843	5.6777	4.5492	3.6843	1.7968	8.4860
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+04	E+01	E+02	E+02	E+00	E+04	E+05	E-02
8.5309	9.2121	1.6089	3.3704	9.8650	3.5000	3.4329	1.5257	1.3521	2.4843	5.3229	2.7649	3.6843	1.0381	4.0307
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+05	E+00
8.5309	8.6363	2.9068	3.3704	9.1604	8.9817	3.4329	1.4240	7.6770	2.4843	4.9680	3.4790	3.6843	8.3849	2.0833
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+04	E+00
8.5309	8.0606	5.0944	3.3704	8.4558	7.9542	3.4329	1.3223	6.2500	2.4843	4.6132	3.1985	3.6843	7.9857	5.7344
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+04	E-01	E+02	E+02	E+01	E+04	E+04	E+00
8.5309	7.4848	7.1528	3.3704	7.7511	4.6417	3.4329	1.2714	8.5215	2.4843	4.2583	4.7637	3.6843	7.5864	1.0557
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+04	E+00
8.5309	6.9091	1.3035	3.3704	7.0465	2.1221	3.4329	1.1697	6.4464	2.4843	3.9034	2.4950	3.6843	7.1871	2.0833
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+04	E+00
8.5309	6.3333	2.0472	3.3704	6.3418	2.7042	3.4329	1.1188	9.1705	2.4843	3.5486	9.4533	3.6843	6.7878	1.7037
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+04	E+01	E+02	E+02	E+00	E+04	E+04	E+00
8.5309	5.7576	3.0134	3.3704	5.6372	2.7912	3.4329	1.0680	5.4590	2.4843	3.1937	7.0993	3.6843	6.3885	2.5857
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+04	E+01
8.5309	5.1818	4.3520	3.3704	4.9325	1.0500	3.4329	1.0171	2.1074	2.4843	2.8389	2.1601	3.6843	5.9892	2.4013
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+04	E+00
8.5309	4.6060	5.7924	3.3704	4.2279	1.7500	3.4329	9.6626	3.5749	2.4843	2.4840	3.5514	3.6843	5.5900	1.7994
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+02
8.5309	4.0303	7.3144	3.3704	3.5232	5.9414	3.4329	9.1540	2.3948	2.4843	2.1291	4.2365	3.6843	5.1907	1.8697
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+01
8.5309	3.4545	8.1327	3.3704	2.8186	1.4854	3.4329	8.6455	2.3346	2.4843	1.7743	2.2256	3.6843	4.7914	1.4935
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
8.5309	2.8788	9.1931	3.3704	2.1139	1.8430	3.4329	8.1369	7.3276	2.4843	1.4194	1.8587	3.6843	4.3921	2.3408
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+02	E+03	E+04	E+04	E+02
8.5309	2.3030	1.1161	3.3704	1.4093	1.4491	3.4329	7.6284	5.8456	2.4843	1.0646	8.8077	3.6843	3.9928	7.5081
E+02	E+02	E+07	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+02	E+03	E+04	E+04	E+01
8.5309	1.7273	1.6472	3.3704	7.0465	5.6383	3.4329	7.1198	1.4582	2.4843	7.0972	2.6369	3.6843	3.5935	2.9749
E+02	E+02	E+07	E+04	E+03	E+03	E+03	E+03	E+04	E+02	E+01	E+04	E+04	E+04	E+02
8.5309	1.1515	2.5215	3.3704	0.0000	3.6235	3.4329	6.6113	1.4986	2.4843	3.5486	1.2062	3.6843	3.1943	2.4856
E+02	E+02	E+07	E+04	E+00	E+04	E+03	E+03	E+04	E+02	E+01	E+05	E+04	E+04	E+02
8.5309	5.7576	3.4455	2.6048	1.6207	6.2500	3.4329	6.1027	2.6244	2.4843	0.0000	1.5810	3.6843	2.7950	6.3269
E+02	E+01	E+07	E+04	E+05	E-01	E+03	E+03	E+04	E+02	E+00	E+05	E+04	E+04	E+02
8.5309	0.0000	3.0310	2.6048	1.4798	1.9771	3.4329	5.5941	2.2619	2.0981	1.4904	3.2401	3.6843	2.3957	2.7395
E+02	E+00	E+07	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+03	E-01	E+04	E+04	E+02
7.8740	2.0151	4.4052	2.6048	1.4093	1.9771	3.4329	5.0856	3.8365	2.0981	1.3485	6.4802	3.6843	1.9964	1.3912
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+03	E-01	E+04	E+04	E+03
7.8740	1.9000	4.4052	2.6048	1.3388	1.9771	3.4329	4.5770	5.5026	2.0981	1.3130	5.1130	3.6843	1.5971	2.4778
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+03	E-02	E+04	E+04	E+03
7.8740	1.8424	4.4052	2.6048	1.2684	2.7042	3.4329	4.0685	6.0392	2.0981	1.2775	2.0833	3.6843	1.1978	4.2770
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+03	E+00	E+04	E+04	E+03
7.8740	1.6697	3.3640	2.6048	1.1979	5.4771	3.4329	3.5599	1.3042	2.0981	1.2065	2.0833	3.6843	7.9857	8.0333
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+03	E+03

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 Approved- Exported from DMS: 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
7.8740	1.6121	3.4706	2.6048	1.1274	1.9771	3.4329	3.0513	1.1193	2.0981	1.1355	1.7168	3.6843	3.9928	8.9595
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+03	E+02	E+04	E+03	E+04
7.8740	1.4970	1.5610	2.6048	1.0570	2.7042	3.4329	2.5428	8.5619	2.0981	1.1001	1.7037	3.6843	0.0000	9.7431
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+03	E+00	E+04	E+00	E+05
7.8740	1.4394	3.0824	2.6048	9.8650	3.5000	3.4329	2.0342	1.4652	2.0981	1.0646	1.2114	3.2372	1.6371	3.2401
E+02	E+03	E+03	E+04	E+04	E+00	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+05	E-01
7.8740	1.3818	8.3678	2.6048	9.1604	5.2500	3.4329	1.5257	1.8480	2.0981	9.9360	2.0833	3.2372	1.4773	4.9373
E+02	E+03	E+03	E+04	E+04	E+00	E+03	E+03	E+05	E+02	E+02	E+00	E+04	E+05	E-01
7.8740	1.3242	4.6623	2.6048	8.4558	3.0650	3.4329	1.0171	3.0763	2.0981	9.5812	4.6787	3.2372	1.4374	1.1341
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+02	E+00	E+04	E+05	E+00
7.8740	1.2667	2.2117	2.6048	7.7511	2.3971	3.4329	5.0856	1.0512	2.0981	9.2263	2.4378	3.2372	1.3975	6.4802
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+02	E+06	E+02	E+02	E+00	E+04	E+05	E-01
7.8740	1.2091	2.3779	2.6048	7.0465	3.5632	3.4329	0.0000	2.3468	2.0981	8.8714	2.7594	3.2372	1.3576	5.2785
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+00	E+06	E+02	E+02	E+00	E+04	E+05	E-01
7.8740	1.1515	2.5887	2.6048	6.3418	7.3136	2.8090	2.3394	2.7295	2.0981	8.5166	3.9036	3.2372	1.3176	8.4860
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+04	E+01	E+02	E+02	E+00	E+04	E+05	E-02
7.8740	1.0939	4.6017	2.6048	5.6372	6.2701	2.8090	1.9325	5.2785	2.0981	8.1617	4.8484	3.2372	1.2378	1.0557
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+04	E-01	E+02	E+02	E+00	E+04	E+05	E+00
7.8740	1.0364	8.6482	2.6048	4.9325	1.4426	2.8090	1.8308	6.2500	2.0981	7.8069	3.7205	3.2372	1.1978	2.2681
E+02	E+03	E+04	E+04	E+04	E+02	E+03	E+04	E-01	E+02	E+02	E+01	E+04	E+05	E+00
7.8740	9.7878	1.4918	2.6048	4.2279	7.6420	2.8090	1.7291	1.3521	2.0981	7.4520	5.5521	3.2372	1.0781	1.1290
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+00	E+04	E+05	E+00
7.8740	9.2121	2.3259	2.6048	3.5232	2.5495	2.8090	1.6274	2.2318	2.0981	7.0972	1.8219	3.2372	1.0381	2.9161
E+02	E+02	E+05	E+04	E+04	E+02	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+05	E+00
7.8740	8.6363	2.7397	2.6048	2.8186	4.7985	2.8090	1.5765	4.9539	2.0981	6.7423	3.4034	3.2372	9.5828	1.0557
E+02	E+02	E+05	E+04	E+04	E+02	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+04	E+00
7.8740	8.0606	4.5976	2.6048	2.1139	7.3005	2.8090	1.4748	3.6667	2.0981	6.3874	9.4158	3.2372	9.1835	1.3038
E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+04	E-02	E+02	E+02	E+00	E+04	E+04	E+00
7.8740	7.4848	7.6618	2.6048	1.4093	1.0730	2.8090	1.3731	2.9988	2.0981	6.0326	2.1563	3.2372	8.7842	2.4008
E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+04	E+01
7.8740	6.9091	1.0513	2.6048	7.0465	2.6396	2.8090	1.3223	1.8330	2.0981	5.6777	5.7654	3.2372	8.3849	3.2556
E+02	E+02	E+06	E+04	E+03	E+04	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+04	E+00
7.8740	6.3333	1.6807	2.6048	0.0000	1.0844	2.8090	1.2714	2.8364	2.0981	5.3229	7.4081	3.2372	7.9857	6.7317
E+02	E+02	E+06	E+04	E+00	E+05	E+03	E+04	E+02	E+02	E+02	E+01	E+04	E+04	E+00
7.8740	5.7576	2.3167	1.8393	2.1139	3.6667	2.8090	1.2205	5.5560	2.0981	4.9680	3.9733	3.2372	7.5864	1.7497
E+02	E+02	E+06	E+04	E+05	E-02	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+04	E+02
7.8740	5.1818	3.4457	1.8393	1.4798	1.3521	2.8090	1.1697	3.2583	2.0981	4.6132	2.4534	3.2372	7.1871	1.7185
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+04	E+02
7.8740	4.6060	4.5652	1.8393	1.4093	3.6667	2.8090	1.1188	3.6892	2.0981	4.2583	3.0208	3.2372	6.7878	5.3267
E+02	E+02	E+06	E+04	E+05	E-02	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+04	E+00
7.8740	4.0303	5.6049	1.8393	1.3388	1.3521	2.8090	1.0680	3.9217	2.0981	3.9034	4.0478	3.2372	6.3885	3.9495
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+04	E+01
7.8740	3.4545	6.5155	1.8393	1.2684	2.6021	2.8090	1.0171	1.2265	2.0981	3.5486	1.9195	3.2372	5.9892	2.7843
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+04	E+03	E+02	E+02	E+02	E+04	E+04	E+01
7.8740	2.8788	7.7475	1.8393	1.1979	1.3521	2.8090	9.6626	2.6924	2.0981	3.1937	1.6146	3.2372	5.5900	2.7420
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+01
7.8740	2.3030	9.7176	1.8393	1.1274	4.9771	2.8090	9.1540	5.2433	2.0981	2.8389	6.2544	3.2372	5.1907	7.1205
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+01
7.8740	1.7273	1.5570	1.8393	1.0570	3.8888	2.8090	8.6455	7.2596	2.0981	2.4840	2.4943	3.2372	4.7914	2.1579
E+02	E+02	E+07	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
7.8740	1.1515	2.4838	1.8393	9.8650	3.0269	2.8090	8.1369	1.1362	2.0981	2.1291	7.0686	3.2372	4.3921	2.8675
E+02	E+02	E+07	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+02

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 Approved- Exported from DMS: 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
7.8740	5.7576	3.5764	1.8393	9.1604	1.4115	2.8090	7.6284	2.5384	2.0981	1.7743	1.3052	3.2372	3.9928	7.3947
E+02	E+01	E+07	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02
7.8740	0.0000	3.2550	1.8393	8.4558	3.2584	2.8090	7.1198	2.9846	2.0981	1.4194	3.0371	3.2372	3.5935	9.7633
E+02	E+00	E+07	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02
7.2171	2.0727	4.4052	1.8393	7.7511	1.1510	2.8090	6.6113	5.0581	2.0981	1.0646	3.8715	3.2372	3.1943	7.5979
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+04	E+04	E+04	E+02
7.2171	2.0151	4.4052	1.8393	7.0465	4.8372	2.8090	6.1027	6.9002	2.0981	7.0972	1.3249	3.2372	2.7950	1.4505
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+01	E+05	E+04	E+04	E+03
7.2171	1.9576	4.4990	1.8393	6.3418	4.3602	2.8090	5.5941	1.2200	2.0981	3.5486	5.0216	3.2372	2.3957	2.5590
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+01	E+05	E+04	E+04	E+03
7.2171	1.9000	6.2500	1.8393	5.6372	1.3877	2.8090	5.0856	1.5715	2.0981	0.0000	6.2486	3.2372	1.9964	3.4051
E+02	E+03	E-01	E+04	E+04	E+02	E+03	E+03	E+05	E+02	E+00	E+05	E+04	E+04	E+03
7.2171	1.8424	2.0107	1.8393	4.9325	4.2400	2.8090	4.5770	2.1016	1.7119	1.4194	5.1130	3.2372	1.5971	6.4240
E+02	E+03	E+01	E+04	E+04	E+03	E+03	E+03	E+05	E+02	E+03	E-02	E+04	E+04	E+03
7.2171	1.7848	7.1485	1.8393	4.2279	5.3006	2.8090	4.0685	2.8738	1.7119	1.3485	2.0833	3.2372	1.1978	8.5380
E+02	E+03	E+00	E+04	E+04	E+03	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+04	E+03
7.2171	1.7273	3.6667	1.8393	3.5232	2.0100	2.8090	3.5599	3.1758	1.7119	1.3130	1.2254	3.2372	7.9857	3.9401
E+02	E+03	E-02	E+04	E+04	E+03	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+03	E+04
7.2171	1.6697	7.7395	1.8393	2.8186	7.2613	2.8090	3.0513	4.3981	1.7119	1.2775	3.2401	3.2372	3.9928	1.6441
E+02	E+03	E+01	E+04	E+04	E+02	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+03	E+05
7.2171	1.6121	3.2917	1.8393	2.1139	1.5008	2.8090	2.5428	3.3228	1.7119	1.2420	6.4802	3.2372	0.0000	1.6195
E+02	E+03	E+02	E+04	E+04	E+04	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+00	E+06
7.2171	1.5545	2.0608	1.8393	1.4093	2.3567	2.8090	2.0342	3.2985	1.7119	1.2065	1.3103	2.7901	1.9964	8.4860
E+02	E+03	E+03	E+04	E+04	E+04	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+05	E-02
7.2171	1.4970	5.2758	1.8393	7.0465	5.8551	2.8090	1.5257	4.1113	1.7119	1.1710	4.7029	2.7901	1.5971	8.4860
E+02	E+03	E+02	E+04	E+03	E+04	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+05	E-02
7.2171	1.4394	3.8142	1.8393	0.0000	3.2608	2.8090	1.0171	6.5511	1.7119	1.1355	8.4860	2.7901	1.5572	4.0887
E+02	E+03	E+03	E+04	E+00	E+05	E+03	E+03	E+05	E+02	E+03	E-02	E+04	E+05	E-01
7.2171	1.3818	4.6446	1.0738	1.9025	6.2500	2.8090	5.0856	1.8117	1.7119	1.1001	1.7168	2.7901	1.4773	2.3548
E+02	E+03	E+03	E+04	E+05	E-01	E+03	E+02	E+06	E+02	E+03	E+02	E+04	E+05	E+00
7.2171	1.3242	5.2633	1.0738	1.6207	3.6667	2.8090	0.0000	4.1486	1.7119	1.0646	2.5049	2.7901	1.4374	1.8669
E+02	E+03	E+03	E+04	E+05	E-02	E+03	E+00	E+06	E+02	E+03	E+01	E+04	E+05	E+00
7.2171	1.2667	9.7915	1.0738	1.4093	1.9771	2.1851	2.1359	9.5530	1.7119	1.0291	5.8128	2.7901	1.3975	8.5117
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+04	E+01	E+02	E+03	E+00	E+04	E+05	E+01
7.2171	1.2091	1.7571	1.0738	1.3388	2.4377	2.1851	2.0851	3.6667	1.7119	9.9360	1.1879	2.7901	1.3576	1.6972
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+04	E-02	E+02	E+02	E+01	E+04	E+05	E-01
7.2171	1.1515	3.3340	1.0738	1.2684	6.2500	2.1851	2.0342	7.1485	1.7119	9.5812	3.0812	2.7901	1.3176	2.8378
E+02	E+03	E+04	E+04	E+05	E-01	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+05	E+00
7.2171	1.0939	5.2797	1.0738	1.1979	6.2500	2.1851	1.8817	6.2500	1.7119	9.2263	1.8776	2.7901	1.2777	1.2102
E+02	E+03	E+04	E+04	E+05	E-01	E+03	E+04	E-01	E+02	E+02	E+02	E+04	E+05	E+01
7.2171	1.0364	5.3660	1.0738	1.1274	6.2500	2.1851	1.7291	8.4860	1.7119	8.8714	1.7954	2.7901	1.2378	2.7959
E+02	E+03	E+04	E+04	E+05	E-01	E+03	E+04	E-02	E+02	E+02	E+02	E+04	E+05	E+00
7.2171	9.7878	9.2923	1.0738	1.0570	3.1250	2.1851	1.6782	1.5575	1.7119	8.5166	1.0309	2.7901	1.1978	3.2420
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+05	E+00
7.2171	9.2121	1.7575	1.0738	9.8650	4.4292	2.1851	1.5257	8.8108	1.7119	8.1617	1.7751	2.7901	1.1579	5.9319
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+05	E+00
7.2171	8.6363	2.2006	1.0738	9.1604	3.3724	2.1851	1.4748	1.5354	1.7119	7.8069	2.0220	2.7901	1.1180	8.4843
E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+04	E+02	E+02	E+02	E+01	E+04	E+05	E+00
7.2171	8.0606	3.3466	1.0738	8.4558	4.2220	2.1851	1.4240	7.1852	1.7119	7.4520	2.1226	2.7901	1.0781	3.3191
E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+05	E+00
7.2171	7.4848	5.6932	1.0738	7.7511	1.7060	2.1851	1.3731	7.1485	1.7119	7.0972	7.5510	2.7901	1.0381	2.2068
E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+05	E+01

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by WBS/RE

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
7.2171	6.9091	8.1505	1.0738	7.0465	5.1579	2.1851	1.3223	6.7669	1.7119	6.7423	3.9989	2.7901	9.9821	4.0986
E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+04	E+00
7.2171	6.3333	1.2400	1.0738	6.3418	1.1378	2.1851	1.2714	6.7279	1.7119	6.3874	8.8416	2.7901	9.5828	4.4766
E+02	E+02	E+06	E+04	E+04	E+04	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+04	E+01
7.2171	5.7576	1.7117	1.0738	5.6372	1.3623	2.1851	1.2205	1.2305	1.7119	6.0326	2.4238	2.7901	9.1835	2.3091
E+02	E+02	E+06	E+04	E+04	E+04	E+03	E+04	E+03	E+02	E+02	E+02	E+04	E+04	E+02
7.2171	5.1818	2.6585	1.0738	4.9325	1.6990	2.1851	1.1697	1.8817	1.7119	5.6777	1.4050	2.7901	8.7842	1.8707
E+02	E+02	E+06	E+04	E+04	E+04	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+04	E+02
7.2171	4.6060	3.4045	1.0738	4.2279	2.6364	2.1851	1.1188	2.7614	1.7119	5.3229	4.9020	2.7901	8.3849	3.0278
E+02	E+02	E+06	E+04	E+04	E+04	E+03	E+04	E+03	E+02	E+02	E+02	E+04	E+04	E+01
7.2171	4.0303	4.2065	1.0738	3.5232	4.2834	2.1851	1.0680	3.0735	1.7119	4.9680	8.6222	2.7901	7.9857	3.8993
E+02	E+02	E+06	E+04	E+04	E+04	E+03	E+04	E+03	E+02	E+02	E+02	E+04	E+04	E+02
7.2171	3.4545	4.8881	1.0738	2.8186	3.3839	2.1851	1.0171	3.0524	1.7119	4.6132	6.0208	2.7901	7.5864	5.4816
E+02	E+02	E+06	E+04	E+04	E+04	E+03	E+04	E+03	E+02	E+02	E+02	E+04	E+04	E+01
7.2171	2.8788	5.3703	1.0738	2.1139	6.2022	2.1851	9.6626	8.7114	1.7119	4.2583	4.4446	2.7901	7.1871	1.0968
E+02	E+02	E+06	E+04	E+04	E+04	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
7.2171	2.3030	7.3690	1.0738	1.4093	9.3510	2.1851	9.1540	1.0346	1.7119	3.9034	1.0029	2.7901	6.7878	4.6109
E+02	E+02	E+06	E+04	E+04	E+04	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02
7.2171	1.7273	1.1350	1.0738	7.0465	4.5409	2.1851	8.6455	2.0774	1.7119	3.5486	9.2986	2.7901	6.3885	2.0809
E+02	E+02	E+07	E+04	E+03	E+05	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+02
7.2171	1.1515	1.8994	1.0738	0.0000	3.1954	2.1851	8.1369	3.2610	1.7119	3.1937	1.0974	2.7901	5.9892	1.4848
E+02	E+02	E+07	E+04	E+00	E+06	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02
7.2171	5.7576	3.0393	3.0823	1.7616	1.4254	2.1851	7.6284	7.2228	1.7119	2.8389	2.2970	2.7901	5.5900	2.8760
E+02	E+01	E+07	E+03	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02
7.2171	0.0000	2.9453	3.0823	1.6207	2.7042	2.1851	7.1198	7.7416	1.7119	2.4840	2.0556	2.7901	5.1907	3.5662
E+02	E+00	E+07	E+03	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02
6.5601	2.4182	2.0154	3.0823	1.4798	1.3540	2.1851	6.6113	1.2612	1.7119	2.1291	5.2532	2.7901	4.7914	1.0933
E+02	E+03	E+00	E+03	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+03	E+04	E+04	E+03
6.5601	2.1879	7.1485	3.0823	1.4093	1.3521	2.1851	6.1027	2.0621	1.7119	1.7743	1.4247	2.7901	4.3921	8.5722
E+02	E+03	E+00	E+03	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+04	E+04	E+04	E+02
6.5601	2.1303	3.1480	3.0823	1.3388	6.9833	2.1851	5.5941	1.9989	1.7119	1.4194	4.9080	2.7901	3.9928	1.3046
E+02	E+03	E+00	E+03	E+05	E-01	E+03	E+03	E+05	E+02	E+02	E+04	E+04	E+04	E+03
6.5601	2.0151	3.0135	3.0823	1.1979	2.1016	2.1851	5.0856	3.3773	1.7119	1.0646	1.8974	2.7901	3.5935	1.5741
E+02	E+03	E+01	E+03	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+05	E+04	E+04	E+03
6.5601	1.9576	8.5215	3.0823	1.1274	8.8018	2.1851	4.5770	3.9469	1.7119	7.0972	6.3323	2.7901	3.1943	2.0334
E+02	E+03	E+00	E+03	E+05	E+00	E+03	E+03	E+05	E+02	E+01	E+05	E+04	E+04	E+03
6.5601	1.9000	2.7332	3.0823	1.0570	8.4721	2.1851	4.0685	4.8061	1.7119	3.5486	1.6622	2.7901	2.7950	3.0522
E+02	E+03	E+01	E+03	E+05	E+02	E+03	E+03	E+05	E+02	E+01	E+06	E+04	E+04	E+03
6.5601	1.8424	2.7295	3.0823	9.8650	3.4038	2.1851	3.5599	6.3282	1.7119	0.0000	1.9830	2.7901	2.3957	4.5920
E+02	E+03	E+01	E+03	E+04	E+03	E+03	E+03	E+05	E+02	E+00	E+06	E+04	E+04	E+03
6.5601	1.7848	2.5419	3.0823	9.1604	3.4290	2.1851	3.0513	7.0048	1.3256	1.5259	6.1271	2.7901	1.9964	7.1410
E+02	E+03	E+02	E+03	E+04	E+03	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+04	E+03
6.5601	1.7273	4.9790	3.0823	8.4558	5.0849	2.1851	2.5428	8.0839	1.3256	1.4904	1.7821	2.7901	1.5971	1.7001
E+02	E+03	E+01	E+03	E+04	E+03	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+04	E+04
6.5601	1.6697	1.8962	3.0823	7.7511	1.1805	2.1851	2.0342	6.9666	1.3256	1.4549	8.5839	2.7901	1.1978	3.3550
E+02	E+03	E+02	E+03	E+04	E+04	E+03	E+03	E+05	E+02	E+03	E+01	E+04	E+04	E+04
6.5601	1.6121	7.9515	3.0823	7.0465	1.8715	2.1851	1.5257	6.5708	1.3256	1.4194	2.4015	2.7901	7.9857	9.2674
E+02	E+03	E+02	E+03	E+04	E+04	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+03	E+04
6.5601	1.5545	2.1483	3.0823	6.3418	2.7355	2.1851	1.0171	1.2544	1.3256	1.3839	2.0154	2.7901	3.9928	3.4415
E+02	E+03	E+03	E+03	E+04	E+04	E+03	E+03	E+06	E+02	E+03	E+00	E+04	E+03	E+05
6.5601	1.4970	2.4870	3.0823	5.6372	4.1887	2.1851	5.0856	3.2037	1.3256	1.3485	2.5954	2.7901	0.0000	3.2546
E+02	E+03	E+03	E+03	E+04	E+04	E+03	E+02	E+06	E+02	E+03	E+02	E+04	E+00	E+06

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.5601 E+02	1.4394 E+03	9.6492 E+03	3.0823 E+03	4.9325 E+04	7.6018 E+04	2.1851 E+03	0.0000 E+00	7.8461 E+06	1.3256 E+02	1.3130 E+03	4.8096 E+00	2.3430 E+04	1.8367 E+05	3.2401 E-01
6.5601 E+02	1.3818 E+03	1.3662 E+04	3.0823 E+03	4.2279 E+04	1.7902 E+05	1.5612 E+03	2.2377 E+04	9.5530 E+01	1.3256 E+02	1.2775 E+03	5.0225 E+00	2.3430 E+04	1.6770 E+05	8.4860 E-02
6.5601 E+02	1.3242 E+03	1.0403 E+04	3.0823 E+03	3.5232 E+04	1.8520 E+05	1.5612 E+03	2.1868 E+04	3.6667 E-02	1.3256 E+02	1.2420 E+03	6.2405 E+00	2.3430 E+04	1.6371 E+05	3.2401 E-01
6.5601 E+02	1.2667 E+03	1.2480 E+04	3.0823 E+03	2.8186 E+04	2.4124 E+05	1.5612 E+03	1.8817 E+04	8.4860 E-02	1.3256 E+02	1.2065 E+03	1.7286 E+02	2.3430 E+04	1.5971 E+05	1.1341 E+00
6.5601 E+02	1.2091 E+03	3.2940 E+04	3.0823 E+03	2.1139 E+04	8.8760 E+05	1.5612 E+03	1.8308 E+04	6.2500 E-01	1.3256 E+02	1.1710 E+03	6.6652 E+00	2.3430 E+04	1.5572 E+05	8.4860 E-02
6.5601 E+02	1.1515 E+03	2.9987 E+04	3.0823 E+03	1.4093 E+04	2.1494 E+06	1.5612 E+03	1.7800 E+04	2.3750 E+00	1.3256 E+02	1.1355 E+03	1.1224 E+02	2.3430 E+04	1.5173 E+05	1.2254 E+00
6.5601 E+02	1.0939 E+03	3.9544 E+04	3.0823 E+03	7.0465 E+03	4.5384 E+06	1.5612 E+03	1.7291 E+04	3.6973 E+01	1.3256 E+02	1.1001 E+03	1.7581 E+02	2.3430 E+04	1.4773 E+05	8.4511 E+01
6.5601 E+02	1.0364 E+03	1.0599 E+05	3.0823 E+03	0.0000 E+00	1.1854 E+07	1.5612 E+03	1.6782 E+04	8.1628 E+01	1.3256 E+02	1.0646 E+03	1.9512 E+02	2.3430 E+04	1.4374 E+05	2.1126 E+00
6.5601 E+02	9.7878 E+02	1.5277 E+05	- 4.5730 E+03	3.4528 E+05	1.3521 E+00	1.5612 E+03	1.6274 E+04	2.1253 E-01	1.3256 E+02	1.0291 E+03	8.6529 E+00	2.3430 E+04	1.3975 E+05	1.4944 E+01
6.5601 E+02	9.2121 E+02	1.4177 E+05	- 4.5730 E+03	3.3823 E+05	1.3521 E+00	1.5612 E+03	1.5765 E+04	6.7459 E+02	1.3256 E+02	9.9360 E+02	5.0613 E+01	2.3430 E+04	1.3576 E+05	8.5383 E+00
6.5601 E+02	8.6363 E+02	3.1810 E+05	- 4.5730 E+03	1.8321 E+05	3.6667 E-02	1.5612 E+03	1.5257 E+04	3.1609 E+02	1.3256 E+02	9.5812 E+02	7.0815 E+01	2.3430 E+04	1.3176 E+05	1.2712 E+01
6.5601 E+02	8.0606 E+02	4.2741 E+05	- 4.5730 E+03	1.7616 E+05	1.1000 E-01	1.5612 E+03	1.4748 E+04	4.8822 E+00	1.3256 E+02	9.2263 E+02	3.2634 E+02	2.3430 E+04	1.2777 E+05	1.0136 E+02
6.5601 E+02	7.4848 E+02	5.9877 E+05	- 4.5730 E+03	1.6912 E+05	3.6667 E-02	1.5612 E+03	1.3731 E+04	5.8722 E+02	1.3256 E+02	8.8714 E+02	6.2195 E+01	2.3430 E+04	1.2378 E+05	1.7888 E+02
6.5601 E+02	6.9091 E+02	8.6755 E+05	- 4.5730 E+03	1.6207 E+05	1.3888 E+00	1.5612 E+03	1.3223 E+04	1.6343 E+02	1.3256 E+02	8.5166 E+02	7.3192 E+01	2.3430 E+04	1.1978 E+05	1.9113 E+01
6.5601 E+02	6.3333 E+02	1.1804 E+06	- 4.5730 E+03	1.5502 E+05	4.8758 E-02	1.5612 E+03	1.2714 E+04	2.4278 E+03	1.3256 E+02	8.1617 E+02	3.1084 E+02	2.3430 E+04	1.1579 E+05	1.2991 E+02
6.5601 E+02	5.7576 E+02	1.7188 E+06	- 4.5730 E+03	1.4798 E+05	7.3333 E-02	1.5612 E+03	1.2205 E+04	3.3476 E+03	1.3256 E+02	7.8069 E+02	3.0181 E+02	2.3430 E+04	1.1180 E+05	2.9196 E+02
6.5601 E+02	5.1818 E+02	2.3206 E+06	- 4.5730 E+03	1.4093 E+05	1.3888 E+00	1.5612 E+03	1.1697 E+04	3.7103 E+03	1.3256 E+02	7.4520 E+02	5.5988 E+02	2.3430 E+04	1.0781 E+05	3.8724 E+01
6.5601 E+02	4.6060 E+02	3.1322 E+06	- 4.5730 E+03	1.3388 E+05	8.7797 E-02	1.5612 E+03	1.1188 E+04	1.1221 E+04	1.3256 E+02	7.0972 E+02	4.7234 E+02	2.3430 E+04	1.0381 E+05	1.8150 E+02
6.5601 E+02	4.0303 E+02	3.4083 E+06	- 4.5730 E+03	1.2684 E+05	5.2999 E+00	1.5612 E+03	1.0680 E+04	6.3420 E+03	1.3256 E+02	6.7423 E+02	5.9278 E+02	2.3430 E+04	9.9821 E+04	1.0965 E+02
6.5601 E+02	3.4545 E+02	3.9035 E+06	- 4.5730 E+03	1.1274 E+05	4.5724 E+00	1.5612 E+03	1.0171 E+04	3.0948 E+04	1.3256 E+02	6.3874 E+02	6.4602 E+02	2.3430 E+04	9.5828 E+04	5.1648 E+01

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.5601 E+02	2.8788 E+02	4.4475 E+06	- 4.5730 E+03	1.0570 E+05	4.3479 E+01	1.5612 E+03	9.6626 E+03	1.9080 E+04	1.3256 E+02	6.0326 E+02	1.2747 E+03	2.3430 E+04	9.1835 E+04	3.3261 E+02
6.5601 E+02	2.3030 E+02	5.4247 E+06	- 4.5730 E+03	9.8650 E+04	1.3299 E+02	1.5612 E+03	9.1540 E+03	2.3117 E+04	1.3256 E+02	5.6777 E+02	8.1141 E+02	2.3430 E+04	8.7842 E+04	1.2618 E+02
6.5601 E+02	1.7273 E+02	8.1711 E+06	- 4.5730 E+03	9.1604 E+04	2.8501 E+03	1.5612 E+03	8.6455 E+03	5.2572 E+04	1.3256 E+02	5.3229 E+02	1.5481 E+03	2.3430 E+04	8.3849 E+04	5.0179 E+02
6.5601 E+02	1.1515 E+02	1.3047 E+07	- 4.5730 E+03	8.4558 E+04	8.0800 E+03	1.5612 E+03	8.1369 E+03	9.5386 E+04	1.3256 E+02	4.9680 E+02	9.0165 E+02	2.3430 E+04	7.9857 E+04	4.7120 E+02
6.5601 E+02	5.7576 E+01	2.2735 E+07	- 4.5730 E+03	7.7511 E+04	5.4863 E+03	1.5612 E+03	7.6284 E+03	8.2459 E+04	1.3256 E+02	4.6132 E+02	2.3954 E+03	2.3430 E+04	7.5864 E+04	4.8249 E+02
6.5601 E+02	0.0000 E+00	2.4630 E+07	- 4.5730 E+03	7.0465 E+04	1.3656 E+04	1.5612 E+03	7.1198 E+03	1.4682 E+05	1.3256 E+02	4.2583 E+02	2.4222 E+03	2.3430 E+04	7.1871 E+04	6.8260 E+02
5.9032 E+02	2.5333 E+03	5.2785 E-01	- 4.5730 E+03	6.3418 E+04	3.2713 E+04	1.5612 E+03	6.6113 E+03	1.9382 E+05	1.3256 E+02	3.9034 E+02	2.6098 E+03	2.3430 E+04	6.7878 E+04	1.0376 E+03
5.9032 E+02	2.4757 E+03	1.6972 E-01	- 4.5730 E+03	5.6372 E+04	4.1922 E+04	1.5612 E+03	6.1027 E+03	2.9362 E+05	1.3256 E+02	3.5486 E+02	3.4249 E+03	2.3430 E+04	6.3885 E+04	1.0345 E+03
5.9032 E+02	2.4182 E+03	2.2318 E+00	- 4.5730 E+03	4.9325 E+04	1.1713 E+05	1.5612 E+03	5.5941 E+03	4.1951 E+05	1.3256 E+02	3.1937 E+02	5.2177 E+03	2.3430 E+04	5.9892 E+04	1.2746 E+03
5.9032 E+02	2.3606 E+03	3.8937 E+00	- 4.5730 E+03	4.2279 E+04	2.1589 E+05	1.5612 E+03	5.0856 E+03	6.3088 E+05	1.3256 E+02	2.8389 E+02	6.8621 E+03	2.3430 E+04	5.5900 E+04	1.8433 E+03
5.9032 E+02	2.3030 E+03	2.3167 E+00	- 4.5730 E+03	3.5232 E+04	2.6517 E+05	1.5612 E+03	4.5770 E+03	7.0782 E+05	1.3256 E+02	2.4840 E+02	1.3519 E+04	2.3430 E+04	5.1907 E+04	2.4767 E+03
5.9032 E+02	2.2454 E+03	9.6922 E+00	- 4.5730 E+03	2.8186 E+04	4.0475 E+05	1.5612 E+03	4.0685 E+03	1.0430 E+06	1.3256 E+02	2.1291 E+02	2.2394 E+04	2.3430 E+04	4.7914 E+04	3.2320 E+03
5.9032 E+02	2.1879 E+03	1.0422 E+01	- 4.5730 E+03	2.1139 E+04	6.5988 E+05	1.5612 E+03	3.5599 E+03	1.1487 E+06	1.3256 E+02	1.7743 E+02	8.8229 E+04	2.3430 E+04	4.3921 E+04	3.4684 E+03
5.9032 E+02	2.1303 E+03	7.0535 E+00	- 4.5730 E+03	1.4093 E+04	9.0442 E+05	1.5612 E+03	3.0513 E+03	1.3023 E+06	1.3256 E+02	1.4194 E+02	1.7914 E+05	2.3430 E+04	3.9928 E+04	7.1924 E+03
5.9032 E+02	2.0727 E+03	1.8262 E+01	- 4.5730 E+03	7.0465 E+03	1.5299 E+06	1.5612 E+03	2.5428 E+03	1.4441 E+06	1.3256 E+02	1.0646 E+02	5.3869 E+05	2.3430 E+04	3.5935 E+04	7.2847 E+03
5.9032 E+02	2.0151 E+03	9.9107 E+01	- 4.5730 E+03	0.0000 E+00	4.5626 E+06	1.5612 E+03	2.0342 E+03	1.7640 E+06	1.3256 E+02	7.0972 E+01	1.5877 E+06	2.3430 E+04	3.1943 E+04	1.2592 E+04
5.9032 E+02	1.9576 E+03	3.9278 E+01	- 1.2228 E+04	3.2414 E+05	3.1021 E+00	1.5612 E+03	1.5257 E+03	1.3949 E+06	1.3256 E+02	3.5486 E+01	4.5745 E+06	2.3430 E+04	2.7950 E+04	1.8041 E+04
5.9032 E+02	1.9000 E+03	1.7534 E+02	- 1.2228 E+04	2.8186 E+05	6.6167 E-01	1.5612 E+03	1.0171 E+03	2.3755 E+06	1.3256 E+02	0.0000 E+00	6.0494 E+06	2.3430 E+04	2.3957 E+04	2.0227 E+04

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.9032 E+02	1.8424 E+03	6.1202 E+02	- 1.2228 E+04	2.7481 E+05	3.5000 E+00	1.5612 E+03	5.0856 E+02	5.9808 E+06	9.3940 E+01	1.6678 E+03	1.5695 E+00	2.3430 E+04	1.9964 E+04	2.9844 E+04
5.9032 E+02	1.7848 E+03	2.0192 E+02	- 1.2228 E+04	2.6072 E+05	6.2500 E-01	1.5612 E+03	0.0000 E+00	1.4130 E+07	9.3940 E+01	1.5969 E+03	6.4802 E-01	2.3430 E+04	1.5971 E+04	5.4237 E+04
5.9032 E+02	1.7273 E+03	1.8247 E+02	- 1.2228 E+04	2.4663 E+05	1.7867 E+00	9.3735 E+02	2.2377 E+04	7.1485 E+00	9.3940 E+01	1.5614 E+03	1.0417 E+00	2.3430 E+04	1.1978 E+04	1.4172 E+05
5.9032 E+02	1.6697 E+03	1.3360 E+03	- 1.2228 E+04	2.3958 E+05	6.2500 E-01	9.3735 E+02	2.1359 E+04	7.1485 E+00	9.3940 E+01	1.5259 E+03	8.4860 E-02	2.3430 E+04	7.9857 E+03	3.9257 E+05
5.9032 E+02	1.6121 E+03	4.3205 E+02	- 1.2228 E+04	2.3253 E+05	6.2500 E-01	9.3735 E+02	2.0342 E+04	2.1162 E+01	9.3940 E+01	1.4904 E+03	1.6684 E+00	2.3430 E+04	3.9928 E+03	1.3253 E+06
5.9032 E+02	1.5545 E+03	5.0855 E+03	- 1.2228 E+04	2.2549 E+05	6.2500 E-01	9.3735 E+02	1.9834 E+04	2.1851 E+00	9.3940 E+01	1.4549 E+03	7.5569 E+00	2.3430 E+04	0.0000 E+00	9.7736 E+06
5.9032 E+02	1.4970 E+03	1.0292 E+04	- 1.2228 E+04	1.9730 E+05	3.6667 E-02	9.3735 E+02	1.9325 E+04	4.0307 E+00	9.3940 E+01	1.4194 E+03	1.7745 E+02	1.8959 E+04	1.7968 E+05	8.4860 E-02
5.9032 E+02	1.4394 E+03	7.8224 E+03	- 1.2228 E+04	1.8321 E+05	3.6667 E-02	9.3735 E+02	1.8817 E+04	5.5564 E+02	9.3940 E+01	1.3839 E+03	1.7391 E+02	1.8959 E+04	1.7169 E+05	3.2401 E-01
5.9032 E+02	1.3818 E+03	1.1550 E+04	- 1.2228 E+04	1.6912 E+05	1.4667 E-01	9.3735 E+02	1.8308 E+04	2.9563 E+01	9.3940 E+01	1.3485 E+03	2.1513 E+01	1.8959 E+04	1.6371 E+05	2.1851 E+00
5.9032 E+02	1.3242 E+03	7.6714 E+03	- 1.2228 E+04	1.6207 E+05	1.3888 E+00	9.3735 E+02	1.7800 E+04	1.8915 E+02	9.3940 E+01	1.3130 E+03	1.3142 E+01	1.8959 E+04	1.5971 E+05	1.1759 E+00
5.9032 E+02	1.2667 E+03	2.9380 E+04	- 1.2228 E+04	1.4798 E+05	1.1663 E+01	9.3735 E+02	1.7291 E+04	2.4133 E+01	9.3940 E+01	1.2775 E+03	1.1304 E+02	1.8959 E+04	1.5572 E+05	1.0216 E+00
5.9032 E+02	1.2091 E+03	3.1468 E+04	- 1.2228 E+04	1.4093 E+05	1.1430 E+00	9.3735 E+02	1.6782 E+04	4.9698 E+01	9.3940 E+01	1.2420 E+03	2.1109 E+02	1.8959 E+04	1.5173 E+05	9.8746 E-01
5.9032 E+02	1.1515 E+03	5.8827 E+04	- 1.2228 E+04	1.3388 E+05	1.5842 E+00	9.3735 E+02	1.6274 E+04	3.5846 E+02	9.3940 E+01	1.2065 E+03	2.8299 E+02	1.8959 E+04	1.4773 E+05	2.7346 E+00
5.9032 E+02	1.0939 E+03	6.7314 E+04	- 1.2228 E+04	1.2684 E+05	4.0229 E+00	9.3735 E+02	1.5765 E+04	3.7796 E+02	9.3940 E+01	1.1710 E+03	1.1572 E+02	1.8959 E+04	1.4374 E+05	8.8928 E+00
5.9032 E+02	1.0364 E+03	9.4968 E+04	- 1.2228 E+04	1.1979 E+05	5.2729 E+00	9.3735 E+02	1.5257 E+04	3.1542 E+02	9.3940 E+01	1.1355 E+03	5.4221 E+01	1.8959 E+04	1.3975 E+05	5.6938 E+00
5.9032 E+02	9.7878 E+02	1.3008 E+05	- 1.2228 E+04	1.1274 E+05	1.0969 E+02	9.3735 E+02	1.4748 E+04	1.0333 E+03	9.3940 E+01	1.1001 E+03	8.4610 E+01	1.8959 E+04	1.3576 E+05	4.9380 E+00
5.9032 E+02	9.2121 E+02	2.3009 E+05	- 1.2228 E+04	1.0570 E+05	1.2910 E+02	9.3735 E+02	1.4240 E+04	1.1154 E+03	9.3940 E+01	1.0646 E+03	3.3435 E+02	1.8959 E+04	1.3176 E+05	1.7830 E+01
5.9032 E+02	8.6363 E+02	3.7748 E+05	- 1.2228 E+04	9.8650 E+04	1.8865 E+03	9.3735 E+02	1.3731 E+04	1.2630 E+03	9.3940 E+01	1.0291 E+03	3.0894 E+02	1.8959 E+04	1.2777 E+05	6.4148 E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.9032 E+02	8.0606 E+02	4.9033 E+05	- 1.2228 E+04	9.1604 E+04	4.1529 E+01	9.3735 E+02	1.3223 E+04	1.3875 E+03	9.3940 E+01	9.9360 E+02	2.6967 E+02	1.8959 E+04	1.2378 E+05	9.8931 E+01
5.9032 E+02	7.4848 E+02	6.7414 E+05	- 1.2228 E+04	8.4558 E+04	3.9509 E+02	9.3735 E+02	1.2714 E+04	3.4757 E+03	9.3940 E+01	9.5812 E+02	3.7947 E+02	1.8959 E+04	1.1978 E+05	2.1846 E+02
5.9032 E+02	6.9091 E+02	9.6379 E+05	- 1.2228 E+04	7.7511 E+04	2.6441 E+03	9.3735 E+02	1.2205 E+04	8.8110 E+03	9.3940 E+01	9.2263 E+02	4.3776 E+02	1.8959 E+04	1.1579 E+05	3.1506 E+02
5.9032 E+02	6.3333 E+02	1.3202 E+06	- 1.2228 E+04	7.0465 E+04	4.4676 E+03	9.3735 E+02	1.1697 E+04	2.4396 E+03	9.3940 E+01	8.8714 E+02	7.7680 E+02	1.8959 E+04	1.1180 E+05	9.7861 E+01
5.9032 E+02	5.7576 E+02	1.6629 E+06	- 1.2228 E+04	6.3418 E+04	2.2587 E+03	9.3735 E+02	1.1188 E+04	1.5627 E+04	9.3940 E+01	8.5166 E+02	7.7020 E+02	1.8959 E+04	1.0781 E+05	2.9314 E+02
5.9032 E+02	5.1818 E+02	1.9619 E+06	- 1.2228 E+04	5.6372 E+04	5.1438 E+03	9.3735 E+02	1.0680 E+04	1.4237 E+04	9.3940 E+01	8.1617 E+02	8.1437 E+02	1.8959 E+04	1.0381 E+05	3.7502 E+02
5.9032 E+02	4.6060 E+02	2.4096 E+06	- 1.2228 E+04	4.9325 E+04	2.5428 E+04	9.3735 E+02	1.0171 E+04	2.4842 E+04	9.3940 E+01	7.8069 E+02	1.0821 E+03	1.8959 E+04	9.9821 E+04	6.6167 E+02
5.9032 E+02	4.0303 E+02	2.9198 E+06	- 1.2228 E+04	4.2279 E+04	8.3518 E+04	9.3735 E+02	9.6626 E+03	3.8333 E+04	9.3940 E+01	7.4520 E+02	1.2108 E+03	1.8959 E+04	9.5828 E+04	1.8511 E+02
5.9032 E+02	3.4545 E+02	2.9697 E+06	- 1.2228 E+04	3.5232 E+04	2.1941 E+05	9.3735 E+02	9.1540 E+03	5.4806 E+04	9.3940 E+01	7.0972 E+02	1.1516 E+03	1.8959 E+04	9.1835 E+04	5.9601 E+02
5.9032 E+02	2.8788 E+02	3.4547 E+06	- 1.2228 E+04	2.8186 E+04	5.3619 E+05	9.3735 E+02	8.6455 E+03	1.0193 E+05	9.3940 E+01	6.7423 E+02	2.3194 E+03	1.8959 E+04	8.7842 E+04	6.6076 E+02
5.9032 E+02	2.3030 E+02	3.8437 E+06	- 1.2228 E+04	2.1139 E+04	9.2530 E+05	9.3735 E+02	8.1369 E+03	1.1466 E+05	9.3940 E+01	6.3874 E+02	2.4453 E+03	1.8959 E+04	8.3849 E+04	7.7253 E+02
5.9032 E+02	1.7273 E+02	5.0128 E+06	- 1.2228 E+04	1.4093 E+04	1.4016 E+06	9.3735 E+02	7.6284 E+03	1.7024 E+05	9.3940 E+01	6.0326 E+02	2.4597 E+03	1.8959 E+04	7.9857 E+04	1.0177 E+03
5.9032 E+02	1.1515 E+02	8.3540 E+06	- 1.2228 E+04	7.0465 E+03	1.9793 E+06	9.3735 E+02	7.1198 E+03	2.3028 E+05	9.3940 E+01	5.6777 E+02	4.4887 E+03	1.8959 E+04	7.5864 E+04	2.4339 E+03
5.9032 E+02	5.7576 E+01	1.6383 E+07	- 1.2228 E+04	0.0000 E+00	7.4690 E+06	9.3735 E+02	6.6113 E+03	3.7559 E+05	9.3940 E+01	5.3229 E+02	5.4293 E+03	1.8959 E+04	7.1871 E+04	2.0529 E+03
5.9032 E+02	0.0000 E+00	2.0794 E+07	- 1.9884 E+04	3.5232 E+05	1.3521 E+00	9.3735 E+02	6.1027 E+03	3.5152 E+05	9.3940 E+01	4.9680 E+02	6.1024 E+03	1.8959 E+04	6.7878 E+04	3.2261 E+03
5.2463 E+02	2.7061 E+03	1.6972 E-01	- 1.9884 E+04	3.4528 E+05	1.3521 E+00	9.3735 E+02	5.5941 E+03	4.7927 E+05	9.3940 E+01	4.6132 E+02	7.7504 E+03	1.8959 E+04	6.3885 E+04	5.6192 E+03
5.2463 E+02	2.6485 E+03	3.2401 E-01	- 1.9884 E+04	3.3118 E+05	1.3521 E+00	9.3735 E+02	5.0856 E+03	7.4968 E+05	9.3940 E+01	4.2583 E+02	1.0693 E+04	1.8959 E+04	5.9892 E+04	6.6050 E+03
5.2463 E+02	2.4757 E+03	8.4860 E-02	- 1.9884 E+04	3.1709 E+05	6.5606 E+00	9.3735 E+02	4.5770 E+03	9.9584 E+05	9.3940 E+01	3.9034 E+02	1.5694 E+04	1.8959 E+04	5.5900 E+04	1.0867 E+04

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.2463 E+02	2.4182 E+03	3.9025 E+00	- 1.9884 E+04	3.1004 E+05	5.4084 E+00	9.3735 E+02	4.0685 E+03	1.2924 E+06	9.3940 E+01	3.5486 E+02	1.9112 E+04	1.8959 E+04	5.1907 E+04	1.5948 E+04
5.2463 E+02	2.3606 E+03	1.2472 E+01	- 1.9884 E+04	3.0300 E+05	7.9127 E+00	9.3735 E+02	3.5599 E+03	1.9383 E+06	9.3940 E+01	3.1937 E+02	3.1593 E+04	1.8959 E+04	4.7914 E+04	2.5243 E+04
5.2463 E+02	2.3030 E+03	1.0560 E+01	- 1.9884 E+04	2.9595 E+05	6.6021 E+00	9.3735 E+02	3.0513 E+03	2.2056 E+06	9.3940 E+01	2.8389 E+02	3.6052 E+04	1.8959 E+04	4.3921 E+04	3.8264 E+04
5.2463 E+02	2.2454 E+03	2.0256 E+01	- 1.9884 E+04	2.8890 E+05	1.0458 E+01	9.3735 E+02	2.5428 E+03	2.6648 E+06	9.3940 E+01	2.4840 E+02	7.5290 E+04	1.8959 E+04	3.9928 E+04	5.7372 E+04
5.2463 E+02	2.1879 E+03	1.6134 E+01	- 1.9884 E+04	2.8186 E+05	8.7500 E+00	9.3735 E+02	2.0342 E+03	2.6856 E+06	9.3940 E+01	2.1291 E+02	1.3749 E+05	1.8959 E+04	3.5935 E+04	8.7164 E+04
5.2463 E+02	2.1303 E+03	2.8344 E+00	- 1.9884 E+04	2.7481 E+05	1.7500 E+00	9.3735 E+02	1.5257 E+03	2.8909 E+06	9.3940 E+01	1.7743 E+02	2.7233 E+05	1.8959 E+04	3.1943 E+04	1.3038 E+05
5.2463 E+02	2.0727 E+03	1.9590 E+02	- 1.9884 E+04	2.6777 E+05	7.0000 E+00	9.3735 E+02	1.0171 E+03	3.9795 E+06	9.3940 E+01	1.4194 E+02	6.1606 E+05	1.8959 E+04	2.7950 E+04	1.8086 E+05
5.2463 E+02	2.0151 E+03	9.8567 E+01	- 1.9884 E+04	2.3958 E+05	6.2500 E-01	9.3735 E+02	5.0856 E+02	9.6622 E+06	9.3940 E+01	1.0646 E+02	1.7781 E+06	1.8959 E+04	2.3957 E+04	2.2327 E+05
5.2463 E+02	1.9576 E+03	2.1095 E+02	- 1.9884 E+04	2.1844 E+05	6.2500 E-01	9.3735 E+02	0.0000 E+00	2.3383 E+07	9.3940 E+01	7.0972 E+01	5.7085 E+06	1.8959 E+04	1.9964 E+04	3.2558 E+05
5.2463 E+02	1.9000 E+03	6.6580 E+02	- 1.9884 E+04	2.0435 E+05	1.7500 E+00	3.1345 E+02	2.3902 E+04	5.2785 E-01	9.3940 E+01	3.5486 E+01	1.6499 E+07	1.8959 E+04	1.5971 E+04	3.9870 E+05
5.2463 E+02	1.8424 E+03	6.6747 E+02	- 1.9884 E+04	1.9730 E+05	1.9440 E-03	3.1345 E+02	2.2377 E+04	2.0107 E+01	9.3940 E+01	0.0000 E+00	2.3085 E+07	1.8959 E+04	1.1978 E+04	6.7012 E+05
5.2463 E+02	1.7848 E+03	2.3831 E+03	- 1.9884 E+04	1.9025 E+05	3.6667 E-02	3.1345 E+02	2.1359 E+04	2.4344 E+02	5.5316 E+01	1.7743 E+03	3.2401 E-01	1.8959 E+04	7.9857 E+03	1.5888 E+06
5.2463 E+02	1.7273 E+03	1.6129 E+03	- 1.9884 E+04	1.6207 E+05	1.0783 E+00	3.1345 E+02	2.0851 E+04	2.0634 E+01	5.5316 E+01	1.7388 E+03	1.0557 E+00	1.8959 E+04	3.9928 E+03	4.9993 E+06
5.2463 E+02	1.6697 E+03	1.5067 E+03	- 1.9884 E+04	1.5502 E+05	2.7409 E+00	3.1345 E+02	2.0342 E+04	2.8793 E+01	5.5316 E+01	1.6678 E+03	6.4802 E-01	1.8959 E+04	0.0000 E+00	2.9375 E+07
5.2463 E+02	1.6121 E+03	1.3899 E+03	- 1.9884 E+04	1.4798 E+05	1.1000 E-01	3.1345 E+02	1.9834 E+04	7.1485 E+00	5.5316 E+01	1.6323 E+03	1.6972 E-01	1.4487 E+04	1.6371 E+05	3.7514 E-01
5.2463 E+02	1.5545 E+03	2.7253 E+03	- 1.9884 E+04	1.4093 E+05	1.9542 E-01	3.1345 E+02	1.9325 E+04	2.6412 E+02	5.5316 E+01	1.5969 E+03	2.1556 E+00	1.4487 E+04	1.5971 E+05	8.4860 E-02
5.2463 E+02	1.4970 E+03	4.8791 E+03	- 1.9884 E+04	1.3388 E+05	7.5975 E+00	3.1345 E+02	1.8817 E+04	2.8295 E+01	5.5316 E+01	1.5614 E+03	1.1341 E+00	1.4487 E+04	1.5572 E+05	8.4890 E+01
5.2463 E+02	1.4394 E+03	4.5859 E+03	- 1.9884 E+04	1.2684 E+05	3.2104 E+00	3.1345 E+02	1.8308 E+04	1.4009 E+02	5.5316 E+01	1.5259 E+03	4.8826 E+00	1.4487 E+04	1.5173 E+05	8.5186 E-01

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.2463 E+02	1.3818 E+03	6.0420 E+03	- 1.9884 E+04	1.1979 E+05	2.1238 E+00	3.1345 E+02	1.7800 E+04	1.8709 E+02	5.5316 E+01	1.4904 E+03	7.4367 E+00	1.4487 E+04	1.4773 E+05	2.0632 E+00
5.2463 E+02	1.3242 E+03	1.2212 E+04	- 1.9884 E+04	1.1274 E+05	3.9875 E+01	3.1345 E+02	1.7291 E+04	5.1824 E+02	5.5316 E+01	1.4549 E+03	4.7671 E+00	1.4487 E+04	1.4374 E+05	1.9936 E+00
5.2463 E+02	1.2667 E+03	1.5173 E+04	- 1.9884 E+04	1.0570 E+05	1.5098 E+02	3.1345 E+02	1.6782 E+04	1.4721 E+03	5.5316 E+01	1.4194 E+03	6.9757 E-01	1.4487 E+04	1.3975 E+05	2.0833 E+00
5.2463 E+02	1.2091 E+03	2.8783 E+04	- 1.9884 E+04	9.8650 E+04	1.7256 E+03	3.1345 E+02	1.6274 E+04	1.2546 E+03	5.5316 E+01	1.3839 E+03	8.9255 E+00	1.4487 E+04	1.3576 E+05	4.2529 E+00
5.2463 E+02	1.1515 E+03	2.6704 E+04	- 1.9884 E+04	9.1604 E+04	1.7042 E+03	3.1345 E+02	1.5765 E+04	1.9905 E+03	5.5316 E+01	1.3485 E+03	3.1930 E+01	1.4487 E+04	1.3176 E+05	1.1642 E+01
5.2463 E+02	1.0939 E+03	7.7367 E+04	- 1.9884 E+04	8.4558 E+04	5.0715 E+03	3.1345 E+02	1.5257 E+04	4.6079 E+03	5.5316 E+01	1.3130 E+03	3.7032 E+01	1.4487 E+04	1.2777 E+05	9.7291 E+01
5.2463 E+02	1.0364 E+03	8.4353 E+04	- 1.9884 E+04	7.7511 E+04	1.9717 E+03	3.1345 E+02	1.4748 E+04	2.6912 E+03	5.5316 E+01	1.2775 E+03	5.0232 E+01	1.4487 E+04	1.2378 E+05	3.4804 E+01
5.2463 E+02	9.7878 E+02	1.2227 E+05	- 1.9884 E+04	7.0465 E+04	5.6591 E+03	3.1345 E+02	1.4240 E+04	4.0136 E+03	5.5316 E+01	1.2420 E+03	8.6696 E+01	1.4487 E+04	1.1978 E+05	2.8679 E+02
5.2463 E+02	9.2121 E+02	1.6151 E+05	- 1.9884 E+04	6.3418 E+04	9.0411 E+03	3.1345 E+02	1.3731 E+04	4.5884 E+03	5.5316 E+01	1.2065 E+03	6.0956 E+01	1.4487 E+04	1.1579 E+05	3.8252 E+02
5.2463 E+02	8.6363 E+02	2.5743 E+05	- 1.9884 E+04	5.6372 E+04	2.4407 E+04	3.1345 E+02	1.3223 E+04	6.5351 E+03	5.5316 E+01	1.1710 E+03	5.5705 E+02	1.4487 E+04	1.1180 E+05	3.9465 E+02
5.2463 E+02	8.0606 E+02	2.9845 E+05	- 1.9884 E+04	4.9325 E+04	4.4735 E+04	3.1345 E+02	1.2714 E+04	5.9423 E+03	5.5316 E+01	1.1355 E+03	2.0600 E+02	1.4487 E+04	1.0781 E+05	4.1652 E+02
5.2463 E+02	7.4848 E+02	4.8680 E+05	- 1.9884 E+04	4.2279 E+04	8.9401 E+04	3.1345 E+02	1.2205 E+04	1.3130 E+04	5.5316 E+01	1.1001 E+03	3.2429 E+02	1.4487 E+04	1.0381 E+05	7.6205 E+02
5.2463 E+02	6.9091 E+02	6.7341 E+05	- 1.9884 E+04	3.5232 E+04	3.0188 E+05	3.1345 E+02	1.1697 E+04	1.9990 E+04	5.5316 E+01	1.0646 E+03	4.4772 E+02	1.4487 E+04	9.9821 E+04	4.8768 E+02
5.2463 E+02	6.3333 E+02	9.4547 E+05	- 1.9884 E+04	2.8186 E+04	7.0480 E+05	3.1345 E+02	1.1188 E+04	3.7841 E+04	5.5316 E+01	1.0291 E+03	1.1043 E+03	1.4487 E+04	9.5828 E+04	7.3049 E+02
5.2463 E+02	5.7576 E+02	1.2985 E+06	- 1.9884 E+04	2.1139 E+04	1.8770 E+06	3.1345 E+02	1.0680 E+04	3.2071 E+04	5.5316 E+01	9.9360 E+02	1.0370 E+03	1.4487 E+04	9.1835 E+04	1.0175 E+03
5.2463 E+02	5.1818 E+02	1.5515 E+06	- 1.9884 E+04	1.4093 E+04	3.3359 E+06	3.1345 E+02	1.0171 E+04	4.7889 E+04	5.5316 E+01	9.5812 E+02	1.0810 E+03	1.4487 E+04	8.7842 E+04	1.9236 E+03
5.2463 E+02	4.6060 E+02	2.1720 E+06	- 1.9884 E+04	7.0465 E+03	4.7231 E+06	3.1345 E+02	9.6626 E+03	6.0341 E+04	5.5316 E+01	9.2263 E+02	1.3351 E+03	1.4487 E+04	8.3849 E+04	5.6223 E+03
5.2463 E+02	4.0303 E+02	2.7042 E+06	- 1.9884 E+04	0.0000 E+00	1.5947 E+07	3.1345 E+02	9.1540 E+03	9.7784 E+04	5.5316 E+01	8.8714 E+02	1.7509 E+03	1.4487 E+04	7.9857 E+04	9.0803 E+03

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.2463 E+02	3.4545 E+02	2.9955 E+06	- 2.7539 E+04	3.3118 E+05	5.2085 E+00	3.1345 E+02	8.6455 E+03	1.1656 E+05	5.5316 E+01	8.5166 E+02	2.2459 E+03	1.4487 E+04	7.5864 E+04	1.3352 E+04
5.2463 E+02	2.8788 E+02	3.1667 E+06	- 2.7539 E+04	3.2414 E+05	5.2085 E+00	3.1345 E+02	8.1369 E+03	1.4918 E+05	5.5316 E+01	8.1617 E+02	2.7389 E+03	1.4487 E+04	7.1871 E+04	2.9994 E+04
5.2463 E+02	2.3030 E+02	3.0525 E+06	- 2.7539 E+04	3.1709 E+05	1.3521 E+00	3.1345 E+02	7.6284 E+03	2.0266 E+05	5.5316 E+01	7.8069 E+02	2.7986 E+03	1.4487 E+04	6.7878 E+04	5.3196 E+04
5.2463 E+02	1.7273 E+02	3.3172 E+06	- 2.7539 E+04	3.0300 E+05	6.6021 E+00	3.1345 E+02	7.1198 E+03	2.5868 E+05	5.5316 E+01	7.4520 E+02	4.0203 E+03	1.4487 E+04	6.3885 E+04	9.9447 E+04
5.2463 E+02	1.1515 E+02	5.3047 E+06	- 2.7539 E+04	2.9595 E+05	1.0458 E+01	3.1345 E+02	6.6113 E+03	3.8118 E+05	5.5316 E+01	7.0972 E+02	5.2013 E+03	1.4487 E+04	5.9892 E+04	8.6242 E+04
5.2463 E+02	5.7576 E+01	1.3498 E+07	- 2.7539 E+04	2.8890 E+05	1.1852 E+01	3.1345 E+02	6.1027 E+03	5.9020 E+05	5.5316 E+01	6.7423 E+02	7.7610 E+03	1.4487 E+04	5.5900 E+04	1.0107 E+05
5.2463 E+02	0.0000 E+00	2.0259 E+07	- 2.7539 E+04	2.8186 E+05	3.1021 E+00	3.1345 E+02	5.5941 E+03	6.4008 E+05	5.5316 E+01	6.3874 E+02	9.3349 E+03	1.4487 E+04	5.1907 E+04	1.1173 E+05
4.5893 E+02	2.8788 E+03	5.2785 E-01	- 2.7539 E+04	2.7481 E+05	1.3958 E+01	3.1345 E+02	5.0856 E+03	1.1053 E+06	5.5316 E+01	6.0326 E+02	1.3317 E+04	1.4487 E+04	4.7914 E+04	1.1652 E+05
4.5893 E+02	2.8212 E+03	3.2401 E-01	- 2.7539 E+04	2.6777 E+05	5.2500 E+00	3.1345 E+02	4.5770 E+03	1.3878 E+06	5.5316 E+01	5.6777 E+02	1.9159 E+04	1.4487 E+04	4.3921 E+04	1.1176 E+05
4.5893 E+02	2.7061 E+03	2.0154 E+00	- 2.7539 E+04	2.6072 E+05	4.8521 E+00	3.1345 E+02	4.0685 E+03	1.7469 E+06	5.5316 E+01	5.3229 E+02	2.8916 E+04	1.4487 E+04	3.9928 E+04	1.6956 E+05
4.5893 E+02	2.6485 E+03	8.4860 E-02	- 2.7539 E+04	2.3958 E+05	3.6667 E-02	3.1345 E+02	3.5599 E+03	2.3015 E+06	5.5316 E+01	4.9680 E+02	5.5328 E+04	1.4487 E+04	3.5935 E+04	2.9252 E+05
4.5893 E+02	2.5909 E+03	1.6972 E-01	- 2.7539 E+04	2.3253 E+05	3.6667 E-02	3.1345 E+02	3.0513 E+03	2.8681 E+06	5.5316 E+01	4.6132 E+02	8.1465 E+04	1.4487 E+04	3.1943 E+04	4.8122 E+05
4.5893 E+02	2.5333 E+03	2.3167 E+00	- 2.7539 E+04	2.2549 E+05	6.6167 E-01	3.1345 E+02	2.5428 E+03	3.7000 E+06	5.5316 E+01	4.2583 E+02	1.1257 E+05	1.4487 E+04	2.7950 E+04	8.3534 E+05
4.5893 E+02	2.4757 E+03	2.7596 E+00	- 2.7539 E+04	2.1844 E+05	2.3750 E+00	3.1345 E+02	2.0342 E+03	4.1288 E+06	5.5316 E+01	3.9034 E+02	1.5014 E+05	1.4487 E+04	2.3957 E+04	1.3449 E+06
4.5893 E+02	2.4182 E+03	3.0278 E+00	- 2.7539 E+04	2.1139 E+05	6.6167 E-01	3.1345 E+02	1.5257 E+03	4.6140 E+06	5.5316 E+01	3.5486 E+02	2.4212 E+05	1.4487 E+04	1.9964 E+04	1.8995 E+06
4.5893 E+02	2.3606 E+03	2.6788 E+00	- 2.7539 E+04	2.0435 E+05	6.2500 E-01	3.1345 E+02	1.0171 E+03	6.0101 E+06	5.5316 E+01	3.1937 E+02	3.6857 E+05	1.4487 E+04	1.5971 E+04	2.5276 E+06
4.5893 E+02	2.3030 E+03	1.1185 E+01	- 2.7539 E+04	1.9730 E+05	1.2092 E-02	3.1345 E+02	5.0856 E+02	1.5359 E+07	5.5316 E+01	2.8389 E+02	5.9784 E+05	1.4487 E+04	1.1978 E+04	3.0713 E+06
4.5893 E+02	2.2454 E+03	4.1293 E+00	- 2.7539 E+04	1.8321 E+05	6.6167 E-01	3.1345 E+02	0.0000 E+00	3.8163 E+07	5.5316 E+01	2.4840 E+02	1.0585 E+06	1.4487 E+04	7.9857 E+03	5.0931 E+06

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.5893 E+02	2.1879 E+03	2.2143 E+01	- 2.7539 E+04	1.7616 E+05	3.6667 E-02	- 3.1044 E+02	2.3394 E+04	7.1485 E+00	5.5316 E+01	2.1291 E+02	1.7894 E+06	1.4487 E+04	3.9928 E+03	1.4648 E+07
4.5893 E+02	2.1303 E+03	5.8450 E+01	- 2.7539 E+04	1.6912 E+05	3.6150 E+00	- 3.1044 E+02	2.2377 E+04	2.2318 E+00	5.5316 E+01	1.7743 E+02	3.2969 E+06	1.4487 E+04	0.0000 E+00	7.3528 E+07
4.5893 E+02	2.0727 E+03	5.6587 E+01	- 2.7539 E+04	1.6207 E+05	1.0783 E+00	- 3.1044 E+02	2.1868 E+04	8.5215 E+00	5.5316 E+01	1.4194 E+02	6.6915 E+06	1.0016 E+04	1.6770 E+05	1.0417 E+00
4.5893 E+02	2.0151 E+03	1.2865 E+02	- 2.7539 E+04	1.5502 E+05	1.1536 E+00	- 3.1044 E+02	2.0851 E+04	5.0966 E+01	5.5316 E+01	1.0646 E+02	1.3918 E+07	1.0016 E+04	1.6371 E+05	6.2694 E-01
4.5893 E+02	1.9576 E+03	1.2245 E+02	- 2.7539 E+04	1.4798 E+05	1.0454 E+01	- 3.1044 E+02	2.0342 E+04	2.6744 E+02	5.5316 E+01	7.0972 E+01	3.4436 E+07	1.0016 E+04	1.5971 E+05	2.5000 E+00
4.5893 E+02	1.9000 E+03	2.6798 E+02	- 2.7539 E+04	1.4093 E+05	1.6786 E+01	- 3.1044 E+02	1.9834 E+04	8.5215 E+00	5.5316 E+01	3.5486 E+01	7.5499 E+07	1.0016 E+04	1.5572 E+05	2.8240 E+00
4.5893 E+02	1.8424 E+03	8.2320 E+02	- 2.7539 E+04	1.3388 E+05	3.1071 E+01	- 3.1044 E+02	1.9325 E+04	5.7812 E+02	5.5316 E+01	0.0000 E+00	9.7262 E+07	1.0016 E+04	1.5173 E+05	3.4458 E+00
4.5893 E+02	1.7848 E+03	2.5240 E+02	- 2.7539 E+04	1.2684 E+05	3.6411 E+01	- 3.1044 E+02	1.8817 E+04	3.9986 E+02	1.6693 E+01	1.7743 E+03	2.0833 E+00	1.0016 E+04	1.4773 E+05	1.0417 E+00
4.5893 E+02	1.7273 E+03	5.3472 E+02	- 2.7539 E+04	1.1979 E+05	3.4937 E+01	- 3.1044 E+02	1.8308 E+04	1.3794 E+03	1.6693 E+01	1.7388 E+03	2.0833 E+00	1.0016 E+04	1.4374 E+05	1.2818 E+01
4.5893 E+02	1.6697 E+03	1.4737 E+03	- 2.7539 E+04	1.1274 E+05	1.5799 E+01	- 3.1044 E+02	1.7800 E+04	1.0054 E+03	1.6693 E+01	1.7033 E+03	2.0833 E+00	1.0016 E+04	1.3975 E+05	3.6667 E-02
4.5893 E+02	1.6121 E+03	2.6607 E+03	- 2.7539 E+04	1.0570 E+05	9.7262 E+01	- 3.1044 E+02	1.7291 E+04	1.4809 E+03	1.6693 E+01	1.6678 E+03	8.5924 E+01	1.0016 E+04	1.3576 E+05	1.1491 E+01
4.5893 E+02	1.5545 E+03	3.5880 E+03	- 2.7539 E+04	9.8650 E+04	1.1373 E+03	- 3.1044 E+02	1.6782 E+04	4.6385 E+03	1.6693 E+01	1.6323 E+03	3.2401 E-01	1.0016 E+04	1.3176 E+05	1.0010 E+02
4.5893 E+02	1.4970 E+03	4.5402 E+03	- 2.7539 E+04	9.1604 E+04	5.8846 E+02	- 3.1044 E+02	1.6274 E+04	3.1213 E+03	1.6693 E+01	1.5614 E+03	6.1271 E-01	1.0016 E+04	1.2777 E+05	9.7974 E+01
4.5893 E+02	1.4394 E+03	5.1106 E+03	- 2.7539 E+04	8.4558 E+04	1.7195 E+03	- 3.1044 E+02	1.5765 E+04	6.4723 E+03	1.6693 E+01	1.5259 E+03	1.4999 E+00	1.0016 E+04	1.2378 E+05	1.2044 E+02
4.5893 E+02	1.3818 E+03	5.5199 E+03	- 2.7539 E+04	7.7511 E+04	3.6092 E+03	- 3.1044 E+02	1.5257 E+04	9.2578 E+03	1.6693 E+01	1.4904 E+03	3.4297 E+00	1.0016 E+04	1.1978 E+05	1.2178 E+02
4.5893 E+02	1.3242 E+03	1.1031 E+04	- 2.7539 E+04	7.0465 E+04	1.2101 E+04	- 3.1044 E+02	1.4748 E+04	8.4088 E+03	1.6693 E+01	1.4549 E+03	8.9964 E+01	1.0016 E+04	1.1579 E+05	1.4825 E+02
4.5893 E+02	1.2667 E+03	1.5090 E+04	- 2.7539 E+04	6.3418 E+04	8.3398 E+03	- 3.1044 E+02	1.4240 E+04	2.3870 E+04	1.6693 E+01	1.4194 E+03	1.2844 E+01	1.0016 E+04	1.1180 E+05	3.8296 E+02
4.5893 E+02	1.2091 E+03	1.8906 E+04	- 2.7539 E+04	5.6372 E+04	3.0134 E+04	- 3.1044 E+02	1.3731 E+04	3.4199 E+04	1.6693 E+01	1.3839 E+03	1.8020 E+00	1.0016 E+04	1.0781 E+05	2.3641 E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.5893 E+02	1.1515 E+03	2.3375 E+04	- 2.7539 E+04	4.9325 E+04	6.5582 E+04	- 3.1044 E+02	1.3223 E+04	2.7980 E+04	1.6693 E+01	1.3485 E+03	2.3160 E+01	1.0016 E+04	1.0381 E+05	1.6639 E+02
4.5893 E+02	1.0939 E+03	3.0466 E+04	- 2.7539 E+04	4.2279 E+04	1.1439 E+05	- 3.1044 E+02	1.2714 E+04	4.2927 E+04	1.6693 E+01	1.3130 E+03	2.1366 E+01	1.0016 E+04	9.9821 E+04	1.2615 E+02
4.5893 E+02	1.0364 E+03	5.9908 E+04	- 2.7539 E+04	3.5232 E+04	2.4890 E+05	- 3.1044 E+02	1.2205 E+04	5.2294 E+04	1.6693 E+01	1.2775 E+03	1.5823 E+01	1.0016 E+04	9.5828 E+04	6.6826 E+02
4.5893 E+02	9.7878 E+02	5.0211 E+04	- 2.7539 E+04	2.8186 E+04	7.1530 E+05	- 3.1044 E+02	1.1697 E+04	4.6230 E+04	1.6693 E+01	1.2420 E+03	4.5908 E+01	1.0016 E+04	9.1835 E+04	8.4499 E+02
4.5893 E+02	9.2121 E+02	1.2321 E+05	- 2.7539 E+04	2.1139 E+04	1.9771 E+06	- 3.1044 E+02	1.1188 E+04	3.5627 E+04	1.6693 E+01	1.2065 E+03	5.5531 E+01	1.0016 E+04	8.7842 E+04	1.2616 E+03
4.5893 E+02	8.6363 E+02	1.5477 E+05	- 2.7539 E+04	1.4093 E+04	4.2301 E+06	- 3.1044 E+02	1.0680 E+04	5.6496 E+04	1.6693 E+01	1.1710 E+03	3.5177 E+02	1.0016 E+04	8.3849 E+04	5.0838 E+03
4.5893 E+02	8.0606 E+02	1.5051 E+05	- 2.7539 E+04	7.0465 E+03	6.0294 E+06	- 3.1044 E+02	1.0171 E+04	7.0628 E+04	1.6693 E+01	1.1355 E+03	1.3777 E+02	1.0016 E+04	7.9857 E+04	1.5536 E+04
4.5893 E+02	7.4848 E+02	2.1984 E+05	- 2.7539 E+04	0.0000 E+00	2.1639 E+07	- 3.1044 E+02	9.6626 E+03	8.5537 E+04	1.6693 E+01	1.1001 E+03	6.8778 E+02	1.0016 E+04	7.5864 E+04	3.7496 E+04
4.5893 E+02	6.9091 E+02	3.2705 E+05	- 3.5194 E+04	3.0300 E+05	1.3521 E+00	- 3.1044 E+02	9.1540 E+03	1.3014 E+05	1.6693 E+01	1.0646 E+03	2.6387 E+02	1.0016 E+04	7.1871 E+04	6.4454 E+04
4.5893 E+02	6.3333 E+02	4.7097 E+05	- 3.5194 E+04	2.9595 E+05	3.1021 E+00	- 3.1044 E+02	8.6455 E+03	1.7126 E+05	1.6693 E+01	1.0291 E+03	2.9924 E+02	1.0016 E+04	6.7878 E+04	7.7261 E+04
4.5893 E+02	5.7576 E+02	6.9207 E+05	- 3.5194 E+04	2.8890 E+05	4.4542 E+00	- 3.1044 E+02	8.1369 E+03	1.8982 E+05	1.6693 E+01	9.9360 E+02	1.2714 E+03	1.0016 E+04	6.3885 E+04	1.1387 E+05
4.5893 E+02	5.1818 E+02	9.6477 E+05	- 3.5194 E+04	2.8186 E+05	9.6994 E+00	- 3.1044 E+02	7.6284 E+03	3.0224 E+05	1.6693 E+01	9.5812 E+02	8.6112 E+02	1.0016 E+04	5.9892 E+04	1.4527 E+05
4.5893 E+02	4.6060 E+02	1.2896 E+06	- 3.5194 E+04	2.7481 E+05	8.7085 E+00	- 3.1044 E+02	7.1198 E+03	4.6768 E+05	1.6693 E+01	9.2263 E+02	6.3541 E+02	1.0016 E+04	5.5900 E+04	1.9813 E+05
4.5893 E+02	4.0303 E+02	1.6474 E+06	- 3.5194 E+04	2.6777 E+05	3.5000 E+00	- 3.1044 E+02	6.6113 E+03	5.5642 E+05	1.6693 E+01	8.8714 E+02	1.4056 E+03	1.0016 E+04	5.1907 E+04	1.9631 E+05
4.5893 E+02	3.4545 E+02	2.2261 E+06	- 3.5194 E+04	2.6072 E+05	5.2500 E+00	- 3.1044 E+02	6.1027 E+03	7.9704 E+05	1.6693 E+01	8.5166 E+02	2.6401 E+03	1.0016 E+04	4.7914 E+04	1.4892 E+05
4.5893 E+02	2.8788 E+02	2.6718 E+06	- 3.5194 E+04	2.5367 E+05	5.8750 E+00	- 3.1044 E+02	5.5941 E+03	9.9416 E+05	1.6693 E+01	8.1617 E+02	3.9573 E+03	1.0016 E+04	4.3921 E+04	1.2677 E+05
4.5893 E+02	2.3030 E+02	3.2822 E+06	- 3.5194 E+04	2.4663 E+05	1.7500 E+00	- 3.1044 E+02	5.0856 E+03	1.3550 E+06	1.6693 E+01	7.8069 E+02	3.2850 E+03	1.0016 E+04	3.9928 E+04	1.4216 E+05
4.5893 E+02	1.7273 E+02	3.4832 E+06	- 3.5194 E+04	2.3958 E+05	2.3750 E+00	- 3.1044 E+02	4.5770 E+03	1.8422 E+06	1.6693 E+01	7.4520 E+02	5.9304 E+03	1.0016 E+04	3.5935 E+04	2.0708 E+05

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.5893 E+02	1.1515 E+02	4.5439 E+06	- 3.5194 E+04	2.3253 E+05	6.6167 E-01	- 3.1044 E+02	4.0685 E+03	2.5074 E+06	1.6693 E+01	7.0972 E+02	7.3233 E+03	1.0016 E+04	3.1943 E+04	3.4848 E+05
4.5893 E+02	5.7576 E+01	1.3939 E+07	- 3.5194 E+04	2.2549 E+05	6.2500 E-01	- 3.1044 E+02	3.5599 E+03	3.1259 E+06	1.6693 E+01	6.7423 E+02	1.8020 E+04	1.0016 E+04	2.7950 E+04	6.8107 E+05
4.5893 E+02	0.0000 E+00	2.2913 E+07	- 3.5194 E+04	2.1844 E+05	6.2500 E-01	- 3.1044 E+02	3.0513 E+03	4.0378 E+06	1.6693 E+01	6.3874 E+02	2.8891 E+04	1.0016 E+04	2.3957 E+04	1.1558 E+06
3.9324 E+02	2.7061 E+03	8.4860 E-02	- 3.5194 E+04	2.1139 E+05	1.3233 E+00	- 3.1044 E+02	2.5428 E+03	5.0662 E+06	1.6693 E+01	6.0326 E+02	7.7205 E+04	1.0016 E+04	1.9964 E+04	2.5132 E+06
3.9324 E+02	2.5909 E+03	5.2785 E-01	- 3.5194 E+04	2.0435 E+05	1.3233 E+00	- 3.1044 E+02	2.0342 E+03	5.3201 E+06	1.6693 E+01	5.6777 E+02	1.0455 E+05	1.0016 E+04	1.5971 E+04	4.4001 E+06
3.9324 E+02	2.5333 E+03	3.0710 E+00	- 3.5194 E+04	1.9730 E+05	1.0841 E+01	- 3.1044 E+02	1.5257 E+03	5.6571 E+06	1.6693 E+01	5.3229 E+02	1.5927 E+05	1.0016 E+04	1.1978 E+04	6.6917 E+06
3.9324 E+02	2.4757 E+03	5.2785 E-01	- 3.5194 E+04	1.9025 E+05	6.9833 E-01	- 3.1044 E+02	1.0171 E+03	7.7254 E+06	1.6693 E+01	4.9680 E+02	2.3232 E+05	1.0016 E+04	7.9857 E+03	1.1153 E+07
3.9324 E+02	2.4182 E+03	3.3256 E+00	- 3.5194 E+04	1.8321 E+05	1.2500 E+00	- 3.1044 E+02	5.0856 E+02	1.9676 E+07	1.6693 E+01	4.6132 E+02	4.4997 E+05	1.0016 E+04	3.9928 E+03	2.9918 E+07
3.9324 E+02	2.3606 E+03	5.1585 E+00	- 3.5194 E+04	1.7616 E+05	3.8233 E+00	- 3.1044 E+02	0.0000 E+00	4.3054 E+07	1.6693 E+01	4.2583 E+02	7.7270 E+05	1.0016 E+04	0.0000 E+00	1.2874 E+08
3.9324 E+02	2.3030 E+03	4.5949 E+00	- 3.5194 E+04	1.6207 E+05	7.3500 E-01	- 9.3434 E+02	2.3394 E+04	9.3590 E-01	1.6693 E+01	3.9034 E+02	1.2226 E+06	5.5454 E+03	1.7568 E+05	3.1250 E+00
3.9324 E+02	2.2454 E+03	1.3840 E+01	- 3.5194 E+04	1.5502 E+05	9.9752 E+01	- 9.3434 E+02	2.2377 E+04	4.9624 E+01	1.6693 E+01	3.5486 E+02	1.6037 E+06	5.5454 E+03	1.6371 E+05	7.5000 E+00
3.9324 E+02	2.1879 E+03	2.4402 E+01	- 3.5194 E+04	1.4798 E+05	8.6432 E+01	- 9.3434 E+02	2.1868 E+04	1.5707 E+01	1.6693 E+01	3.1937 E+02	2.6216 E+06	5.5454 E+03	1.5971 E+05	7.5000 E+00
3.9324 E+02	2.1303 E+03	1.8885 E+01	- 3.5194 E+04	1.4093 E+05	9.9527 E+00	- 9.3434 E+02	2.1359 E+04	1.0379 E+02	1.6693 E+01	2.8389 E+02	4.6402 E+06	5.5454 E+03	1.5572 E+05	8.4132 E+01
3.9324 E+02	2.0727 E+03	1.5056 E+02	- 3.5194 E+04	1.3388 E+05	1.9483 E+01	- 9.3434 E+02	2.0851 E+04	3.8383 E+01	1.6693 E+01	2.4840 E+02	8.8911 E+06	5.5454 E+03	1.5173 E+05	6.6666 E+00
3.9324 E+02	2.0151 E+03	2.3264 E+02	- 3.5194 E+04	1.2684 E+05	7.2934 E+00	- 9.3434 E+02	2.0342 E+04	2.2993 E+00	1.6693 E+01	2.1291 E+02	1.4615 E+07	5.5454 E+03	1.4773 E+05	1.1431 E+00
3.9324 E+02	1.9576 E+03	4.7838 E+02	- 3.5194 E+04	1.1979 E+05	9.8500 E+01	- 9.3434 E+02	1.9834 E+04	2.1065 E+02	1.6693 E+01	1.7743 E+02	2.5352 E+07	5.5454 E+03	1.4374 E+05	2.7112 E+00
3.9324 E+02	1.9000 E+03	2.5308 E+02	- 3.5194 E+04	1.1274 E+05	1.8776 E+02	- 9.3434 E+02	1.9325 E+04	1.3340 E+02	1.6693 E+01	1.4194 E+02	4.1172 E+07	5.5454 E+03	1.3975 E+05	1.6160 E+01
3.9324 E+02	1.8424 E+03	5.8642 E+02	- 3.5194 E+04	1.0570 E+05	8.7582 E+02	- 9.3434 E+02	1.8817 E+04	1.6330 E+03	1.6693 E+01	1.0646 E+02	6.8378 E+07	5.5454 E+03	1.3576 E+05	2.5813 E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.9324 E+02	1.7848 E+03	2.1927 E+02	- 3.5194 E+04	9.8650 E+04	1.9358 E+02	- 9.3434 E+02	1.8308 E+04	1.2870 E+03	1.6693 E+01	7.0972 E+01	1.2571 E+08	5.5454 E+03	1.3176 E+05	1.9924 E+01
3.9324 E+02	1.7273 E+03	5.2294 E+02	- 3.5194 E+04	9.1604 E+04	2.3794 E+03	- 9.3434 E+02	1.7800 E+04	3.4088 E+03	1.6693 E+01	3.5486 E+01	2.4078 E+08	5.5454 E+03	1.2777 E+05	1.9894 E+01
3.9324 E+02	1.6697 E+03	8.1507 E+02	- 3.5194 E+04	8.4558 E+04	4.9130 E+03	- 9.3434 E+02	1.7291 E+04	3.1078 E+03	1.6693 E+01	0.0000 E+00	4.5147 E+08	5.5454 E+03	1.2378 E+05	3.4222 E+01
3.9324 E+02	1.6121 E+03	6.8283 E+02	- 3.5194 E+04	7.7511 E+04	5.1301 E+03	- 9.3434 E+02	1.6782 E+04	5.0330 E+03	- 2.1931 E+01	1.6323 E+03	4.0887 E-01	5.5454 E+03	1.1978 E+05	1.9837 E+01
3.9324 E+02	1.5545 E+03	1.8435 E+03	- 3.5194 E+04	7.0465 E+04	1.3105 E+04	- 9.3434 E+02	1.6274 E+04	1.1710 E+04	- 2.1931 E+01	1.5259 E+03	9.3672 E-01	5.5454 E+03	1.1579 E+05	1.0172 E+02
3.9324 E+02	1.4970 E+03	1.1681 E+03	- 3.5194 E+04	6.3418 E+04	1.9093 E+04	- 9.3434 E+02	1.5765 E+04	1.1059 E+04	- 2.1931 E+01	1.4904 E+03	5.3994 E-01	5.5454 E+03	1.1180 E+05	2.3845 E+02
3.9324 E+02	1.4394 E+03	3.3477 E+03	- 3.5194 E+04	5.6372 E+04	5.0831 E+04	- 9.3434 E+02	1.5257 E+04	3.0029 E+04	- 2.1931 E+01	1.4549 E+03	7.5849 E+00	5.5454 E+03	1.0781 E+05	1.4507 E+02
3.9324 E+02	1.3818 E+03	4.6918 E+03	- 3.5194 E+04	4.9325 E+04	4.8194 E+04	- 9.3434 E+02	1.4748 E+04	1.9615 E+04	- 2.1931 E+01	1.4194 E+03	4.8808 E+00	5.5454 E+03	1.0381 E+05	4.9709 E+02
3.9324 E+02	1.3242 E+03	1.2591 E+04	- 3.5194 E+04	4.2279 E+04	1.4060 E+05	- 9.3434 E+02	1.4240 E+04	3.7630 E+04	- 2.1931 E+01	1.3839 E+03	3.6115 E+00	5.5454 E+03	9.9821 E+04	5.5234 E+02
3.9324 E+02	1.2667 E+03	7.7829 E+03	- 3.5194 E+04	3.5232 E+04	2.9010 E+05	- 9.3434 E+02	1.3731 E+04	4.1715 E+04	- 2.1931 E+01	1.3485 E+03	8.8683 E+00	5.5454 E+03	9.5828 E+04	2.5358 E+02
3.9324 E+02	1.2091 E+03	1.1459 E+04	- 3.5194 E+04	2.8186 E+04	7.9349 E+05	- 9.3434 E+02	1.3223 E+04	4.0902 E+04	- 2.1931 E+01	1.3130 E+03	5.4241 E+00	5.5454 E+03	9.1835 E+04	3.0549 E+02
3.9324 E+02	1.1515 E+03	2.1390 E+04	- 3.5194 E+04	2.1139 E+04	2.0110 E+06	- 9.3434 E+02	1.2714 E+04	7.8234 E+04	- 2.1931 E+01	1.2775 E+03	9.6331 E+01	5.5454 E+03	8.7842 E+04	5.1034 E+02
3.9324 E+02	1.0939 E+03	1.5469 E+04	- 3.5194 E+04	1.4093 E+04	4.5188 E+06	- 9.3434 E+02	1.2205 E+04	6.0856 E+04	- 2.1931 E+01	1.2420 E+03	4.0158 E+01	5.5454 E+03	8.3849 E+04	8.8057 E+02
3.9324 E+02	1.0364 E+03	2.4898 E+04	- 3.5194 E+04	7.0465 E+03	7.0058 E+06	- 9.3434 E+02	1.1697 E+04	1.1342 E+05	- 2.1931 E+01	1.2065 E+03	2.8718 E+01	5.5454 E+03	7.9857 E+04	1.5669 E+03
3.9324 E+02	9.7878 E+02	3.0329 E+04	- 3.5194 E+04	0.0000 E+00	2.2093 E+07	- 9.3434 E+02	1.1188 E+04	7.6919 E+04	- 2.1931 E+01	1.1710 E+03	3.1747 E+01	5.5454 E+03	7.5864 E+04	3.5206 E+03
3.9324 E+02	9.2121 E+02	3.3713 E+04	- 4.2850 E+04	3.0300 E+05	2.7042 E+00	- 9.3434 E+02	1.0680 E+04	8.9561 E+04	- 2.1931 E+01	1.1355 E+03	6.7593 E+01	5.5454 E+03	7.1871 E+04	2.9108 E+03
3.9324 E+02	8.6363 E+02	3.2803 E+04	- 4.2850 E+04	2.9595 E+05	7.9127 E+00	- 9.3434 E+02	1.0171 E+04	1.3212 E+05	- 2.1931 E+01	1.1001 E+03	6.1324 E+01	5.5454 E+03	6.7878 E+04	1.2576 E+04
3.9324 E+02	8.0606 E+02	8.6595 E+04	- 4.2850 E+04	2.8890 E+05	1.3121 E+01	- 9.3434 E+02	9.6626 E+03	1.3527 E+05	- 2.1931 E+01	1.0646 E+03	1.6914 E+02	5.5454 E+03	6.3885 E+04	7.7166 E+03

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.9324 E+02	7.4848 E+02	1.0646 E+05	- 4.2850 E+04	2.8186 E+05	8.3106 E+00	- 9.3434 E+02	9.1540 E+03	1.5615 E+05	- 2.1931 E+01	1.0291 E+03	1.6498 E+02	5.5454 E+03	5.9892 E+04	2.4050 E+04
3.9324 E+02	6.9091 E+02	1.4568 E+05	- 4.2850 E+04	2.7481 E+05	1.4871 E+01	- 9.3434 E+02	8.6455 E+03	2.0192 E+05	- 2.1931 E+01	9.9360 E+02	4.8448 E+02	5.5454 E+03	5.5900 E+04	4.8008 E+04
3.9324 E+02	6.3333 E+02	2.2490 E+05	- 4.2850 E+04	2.6777 E+05	5.2818 E+00	- 9.3434 E+02	8.1369 E+03	2.8866 E+05	- 2.1931 E+01	9.5812 E+02	3.0018 E+02	5.5454 E+03	5.1907 E+04	5.3253 E+04
3.9324 E+02	5.7576 E+02	3.1077 E+05	- 4.2850 E+04	2.6072 E+05	9.3015 E+00	- 9.3434 E+02	7.6284 E+03	4.3645 E+05	- 2.1931 E+01	9.2263 E+02	4.6414 E+02	5.5454 E+03	4.7914 E+04	4.4114 E+04
3.9324 E+02	5.1818 E+02	5.4533 E+05	- 4.2850 E+04	2.5367 E+05	3.1021 E+00	- 9.3434 E+02	7.1198 E+03	4.2969 E+05	- 2.1931 E+01	8.8714 E+02	6.4990 E+02	5.5454 E+03	4.3921 E+04	6.1357 E+04
3.9324 E+02	4.6060 E+02	7.2773 E+05	- 4.2850 E+04	2.4663 E+05	6.2500 E-01	- 9.3434 E+02	6.6113 E+03	5.7816 E+05	- 2.1931 E+01	8.5166 E+02	7.0930 E+02	5.5454 E+03	3.9928 E+04	9.9299 E+04
3.9324 E+02	4.0303 E+02	1.1720 E+06	- 4.2850 E+04	2.3958 E+05	1.7500 E+00	- 9.3434 E+02	6.1027 E+03	8.4032 E+05	- 2.1931 E+01	8.1617 E+02	4.8644 E+02	5.5454 E+03	3.5935 E+04	1.1171 E+05
3.9324 E+02	3.4545 E+02	1.9092 E+06	- 4.2850 E+04	2.2549 E+05	2.2106 E+00	- 9.3434 E+02	5.5941 E+03	1.0905 E+06	- 2.1931 E+01	7.8069 E+02	2.2645 E+03	5.5454 E+03	3.1943 E+04	3.0246 E+05
3.9324 E+02	2.8788 E+02	2.4145 E+06	- 4.2850 E+04	2.1844 E+05	1.7500 E+00	- 9.3434 E+02	5.0856 E+03	1.3076 E+06	- 2.1931 E+01	7.4520 E+02	1.9510 E+03	5.5454 E+03	2.7950 E+04	5.7795 E+05
3.9324 E+02	2.3030 E+02	3.8066 E+06	- 4.2850 E+04	2.1139 E+05	1.0717 E+01	- 9.3434 E+02	4.5770 E+03	1.8977 E+06	- 2.1931 E+01	7.0972 E+02	9.7990 E+03	5.5454 E+03	2.3957 E+04	1.1906 E+06
3.9324 E+02	1.7273 E+02	4.1236 E+06	- 4.2850 E+04	2.0435 E+05	7.7167 E-01	- 9.3434 E+02	4.0685 E+03	2.3898 E+06	- 2.1931 E+01	6.7423 E+02	9.7088 E+03	5.5454 E+03	1.9964 E+04	2.7224 E+06
3.9324 E+02	1.1515 E+02	5.3818 E+06	- 4.2850 E+04	1.9730 E+05	3.6423 E+00	- 9.3434 E+02	3.5599 E+03	2.8733 E+06	- 2.1931 E+01	6.3874 E+02	1.8660 E+04	5.5454 E+03	1.5971 E+04	6.1541 E+06
3.9324 E+02	5.7576 E+01	1.6642 E+07	- 4.2850 E+04	1.9025 E+05	8.0355 E+00	- 9.3434 E+02	3.0513 E+03	3.7124 E+06	- 2.1931 E+01	6.0326 E+02	1.1828 E+04	5.5454 E+03	1.1978 E+04	1.1906 E+07
3.9324 E+02	0.0000 E+00	2.8473 E+07	- 4.2850 E+04	1.8321 E+05	1.0255 E+01	- 9.3434 E+02	2.5428 E+03	4.1708 E+06	- 2.1931 E+01	5.6777 E+02	2.7905 E+04	5.5454 E+03	7.9857 E+03	1.8728 E+07
3.2755 E+02	2.8788 E+03	8.4860 E-02	- 4.2850 E+04	1.7616 E+05	1.1063 E+01	- 9.3434 E+02	2.0342 E+03	4.4592 E+06	- 2.1931 E+01	5.3229 E+02	5.6135 E+04	5.5454 E+03	3.9928 E+03	3.5491 E+07
3.2755 E+02	2.6485 E+03	5.2785 E-01	- 4.2850 E+04	1.6912 E+05	4.0133 E+00	- 9.3434 E+02	1.5257 E+03	4.6282 E+06	- 2.1931 E+01	4.9680 E+02	7.6765 E+04	5.5454 E+03	0.0000 E+00	1.3647 E+08
3.2755 E+02	2.5909 E+03	8.4860 E-02	- 4.2850 E+04	1.6207 E+05	6.2220 E+00	- 9.3434 E+02	1.0171 E+03	6.2406 E+06	- 2.1931 E+01	4.6132 E+02	1.0787 E+05	1.0744 E+03	1.8766 E+05	2.5000 E+00
3.2755 E+02	2.5333 E+03	1.6972 E-01	- 4.2850 E+04	1.5502 E+05	6.7872 E+00	- 9.3434 E+02	5.0856 E+02	1.5254 E+07	- 2.1931 E+01	4.2583 E+02	1.5527 E+05	1.0744 E+03	1.6770 E+05	2.5000 E+00

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.2755 E+02	2.4757 E+03	3.0645 E+00	- 4.2850 E+04	1.4798 E+05	5.6494 E+00	- 9.3434 E+02	0.0000 E+00	3.5423 E+07	- 2.1931 E+01	3.9034 E+02	1.8407 E+05	1.0744 E+03	1.6371 E+05	5.2785 E-01
3.2755 E+02	2.4182 E+03	5.3029 E+00	- 4.2850 E+04	1.4093 E+05	1.2047 E+01	- 1.5582 E+03	2.5428 E+04	6.2500 E-01	- 2.1931 E+01	3.5486 E+02	4.2595 E+05	1.0744 E+03	1.4773 E+05	8.1250 E+00
3.2755 E+02	2.3606 E+03	1.6544 E+00	- 4.2850 E+04	1.3388 E+05	2.3681 E+01	- 1.5582 E+03	2.3394 E+04	2.0107 E+01	- 2.1931 E+01	3.1937 E+02	6.2111 E+05	1.0744 E+03	1.4374 E+05	8.4463 E+01
3.2755 E+02	2.3030 E+03	4.3726 E+00	- 4.2850 E+04	1.2684 E+05	1.3083 E+02	- 1.5582 E+03	2.2885 E+04	2.2685 E+00	- 2.1931 E+01	2.8389 E+02	8.8053 E+05	1.0744 E+03	1.3975 E+05	7.5367 E+00
3.2755 E+02	2.2454 E+03	9.2744 E+00	- 4.2850 E+04	1.1979 E+05	1.7837 E+02	- 1.5582 E+03	2.1868 E+04	2.2685 E+00	- 2.1931 E+01	2.4840 E+02	1.6090 E+06	1.0744 E+03	1.3576 E+05	1.4569 E+00
3.2755 E+02	2.1879 E+03	1.0886 E+01	- 4.2850 E+04	1.1274 E+05	6.8100 E+02	- 1.5582 E+03	2.1359 E+04	2.2318 E+00	- 2.1931 E+01	2.1291 E+02	2.6543 E+06	1.0744 E+03	1.3176 E+05	8.1560 E+00
3.2755 E+02	2.1303 E+03	2.8544 E+01	- 4.2850 E+04	1.0570 E+05	6.2593 E+02	- 1.5582 E+03	2.0851 E+04	4.5003 E+00	- 2.1931 E+01	1.7743 E+02	4.5920 E+06	1.0744 E+03	1.2777 E+05	9.6197 E+01
3.2755 E+02	2.0727 E+03	2.1444 E+01	- 4.2850 E+04	9.8650 E+04	3.2889 E+03	- 1.5582 E+03	1.9834 E+04	6.1701 E+02	- 2.1931 E+01	1.4194 E+02	9.2468 E+06	1.0744 E+03	1.2378 E+05	8.9579 E+01
3.2755 E+02	2.0151 E+03	2.0826 E+01	- 4.2850 E+04	9.1604 E+04	2.6161 E+03	- 1.5582 E+03	1.9325 E+04	1.0428 E+03	- 2.1931 E+01	1.0646 E+02	1.9815 E+07	1.0744 E+03	1.1978 E+05	2.9160 E+00
3.2755 E+02	1.9576 E+03	6.8601 E+01	- 4.2850 E+04	8.4558 E+04	8.9322 E+03	- 1.5582 E+03	1.8817 E+04	1.6323 E+02	- 2.1931 E+01	7.0972 E+01	4.4903 E+07	1.0744 E+03	1.1579 E+05	8.8404 E+00
3.2755 E+02	1.9000 E+03	6.6691 E+02	- 4.2850 E+04	7.7511 E+04	5.1386 E+03	- 1.5582 E+03	1.8308 E+04	2.0617 E+03	- 2.1931 E+01	3.5486 E+01	1.0766 E+08	1.0744 E+03	1.1180 E+05	1.1021 E+02
3.2755 E+02	1.8424 E+03	2.6052 E+02	- 4.2850 E+04	7.0465 E+04	4.2289 E+03	- 1.5582 E+03	1.7800 E+04	3.4952 E+03	- 2.1931 E+01	0.0000 E+00	2.7720 E+08	1.0744 E+03	1.0781 E+05	1.9643 E+01
3.2755 E+02	1.7848 E+03	1.1873 E+03	- 4.2850 E+04	6.3418 E+04	1.8995 E+04	- 1.5582 E+03	1.7291 E+04	2.8531 E+03	- 6.0555 E+01	1.7033 E+03	5.2785 E-01	1.0744 E+03	1.0381 E+05	2.8285 E+01
3.2755 E+02	1.7273 E+03	3.2657 E+03	- 4.2850 E+04	5.6372 E+04	2.4093 E+04	- 1.5582 E+03	1.6782 E+04	2.9545 E+03	- 6.0555 E+01	1.6678 E+03	5.3994 E-01	1.0744 E+03	9.9821 E+04	3.3461 E+01
3.2755 E+02	1.6697 E+03	1.2885 E+03	- 4.2850 E+04	4.9325 E+04	3.2151 E+04	- 1.5582 E+03	1.6274 E+04	1.3732 E+04	- 6.0555 E+01	1.5614 E+03	8.5841 E+01	1.0744 E+03	9.5828 E+04	1.1742 E+02
3.2755 E+02	1.6121 E+03	7.6779 E+02	- 4.2850 E+04	4.2279 E+04	7.5800 E+04	- 1.5582 E+03	1.5765 E+04	1.5869 E+04	- 6.0555 E+01	1.4194 E+03	1.6972 E-01	1.0744 E+03	9.1835 E+04	2.6667 E+03
3.2755 E+02	1.5545 E+03	7.2532 E+02	- 4.2850 E+04	3.5232 E+04	2.4139 E+05	- 1.5582 E+03	1.5257 E+04	1.4498 E+04	- 6.0555 E+01	1.3839 E+03	3.2401 E-01	1.0744 E+03	8.7842 E+04	9.9391 E+01
3.2755 E+02	1.4970 E+03	1.0867 E+03	- 4.2850 E+04	2.8186 E+04	6.5777 E+05	- 1.5582 E+03	1.4748 E+04	2.1024 E+04	- 6.0555 E+01	1.3485 E+03	1.2114 E+00	1.0744 E+03	8.3849 E+04	2.3566 E+02

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.2755 E+02	1.4394 E+03	9.3284 E+02	- 4.2850 E+04	2.1139 E+04	1.4103 E+06	- 1.5582 E+03	1.4240 E+04	2.7850 E+04	- 6.0555 E+01	1.3130 E+03	8.8865 E+01	1.0744 E+03	7.9857 E+04	1.0928 E+03
3.2755 E+02	1.3818 E+03	4.3061 E+03	- 4.2850 E+04	1.4093 E+04	3.6654 E+06	- 1.5582 E+03	1.3731 E+04	3.1461 E+04	- 6.0555 E+01	1.2775 E+03	3.3177 E+00	1.0744 E+03	7.5864 E+04	8.5623 E+01
3.2755 E+02	1.3242 E+03	3.1066 E+03	- 4.2850 E+04	7.0465 E+03	5.2000 E+06	- 1.5582 E+03	1.3223 E+04	4.1442 E+04	- 6.0555 E+01	1.2420 E+03	2.0540 E+00	1.0744 E+03	7.1871 E+04	1.0291 E+03
3.2755 E+02	1.2667 E+03	1.0679 E+04	- 4.2850 E+04	0.0000 E+00	1.8907 E+07	- 1.5582 E+03	1.2714 E+04	5.1112 E+04	- 6.0555 E+01	1.2065 E+03	8.6327 E+01	1.0744 E+03	6.7878 E+04	7.4654 E+02
3.2755 E+02	1.2091 E+03	1.1656 E+04	- 5.0505 E+04	3.3823 E+05	1.3521 E+00	- 1.5582 E+03	1.2205 E+04	8.7499 E+04	- 6.0555 E+01	1.1710 E+03	1.0628 E+01	1.0744 E+03	6.3885 E+04	2.2661 E+03
3.2755 E+02	1.1515 E+03	3.2162 E+03	- 5.0505 E+04	3.1004 E+05	3.6667 E-02	- 1.5582 E+03	1.1697 E+04	9.1209 E+04	- 6.0555 E+01	1.1355 E+03	8.7821 E+01	1.0744 E+03	5.9892 E+04	8.5255 E+03
3.2755 E+02	1.0939 E+03	9.6076 E+03	- 5.0505 E+04	2.8186 E+05	9.2648 E+00	- 1.5582 E+03	1.1188 E+04	1.1353 E+05	- 6.0555 E+01	1.1001 E+03	1.6504 E+01	1.0744 E+03	5.5900 E+04	1.0274 E+04
3.2755 E+02	1.0364 E+03	1.0064 E+04	- 5.0505 E+04	2.6072 E+05	2.7042 E+00	- 1.5582 E+03	1.0680 E+04	1.4033 E+05	- 6.0555 E+01	1.0646 E+03	4.0512 E+01	1.0744 E+03	5.1907 E+04	1.4471 E+04
3.2755 E+02	9.7878 E+02	1.6507 E+04	- 5.0505 E+04	2.5367 E+05	3.1021 E+00	- 1.5582 E+03	1.0171 E+04	1.3820 E+05	- 6.0555 E+01	1.0291 E+03	4.1080 E+01	1.0744 E+03	4.7914 E+04	2.7369 E+04
3.2755 E+02	9.2121 E+02	1.8801 E+04	- 5.0505 E+04	2.4663 E+05	6.6339 E+00	- 1.5582 E+03	9.6626 E+03	1.6870 E+05	- 6.0555 E+01	9.9360 E+02	2.8664 E+01	1.0744 E+03	4.3921 E+04	3.6172 E+04
3.2755 E+02	8.6363 E+02	2.1730 E+04	- 5.0505 E+04	2.3958 E+05	7.3540 E+00	- 1.5582 E+03	9.1540 E+03	2.3686 E+05	- 6.0555 E+01	9.5812 E+02	6.2739 E+01	1.0744 E+03	3.9928 E+04	5.1642 E+04
3.2755 E+02	8.0606 E+02	4.0162 E+04	- 5.0505 E+04	2.3253 E+05	9.1407 E+00	- 1.5582 E+03	8.6455 E+03	2.5702 E+05	- 6.0555 E+01	9.2263 E+02	6.5615 E+01	1.0744 E+03	3.5935 E+04	1.2839 E+05
3.2755 E+02	7.4848 E+02	3.6105 E+04	- 5.0505 E+04	2.2549 E+05	1.6456 E+01	- 1.5582 E+03	8.1369 E+03	3.1065 E+05	- 6.0555 E+01	8.8714 E+02	2.4620 E+02	1.0744 E+03	3.1943 E+04	2.7970 E+05
3.2755 E+02	6.9091 E+02	3.4435 E+04	- 5.0505 E+04	2.1844 E+05	1.8944 E+01	- 1.5582 E+03	7.6284 E+03	3.4661 E+05	- 6.0555 E+01	8.5166 E+02	1.2939 E+02	1.0744 E+03	2.7950 E+04	4.1598 E+05
3.2755 E+02	6.3333 E+02	9.4971 E+04	- 5.0505 E+04	2.1139 E+05	2.5146 E+00	- 1.5582 E+03	7.1198 E+03	5.7652 E+05	- 6.0555 E+01	8.1617 E+02	4.6391 E+02	1.0744 E+03	2.3957 E+04	1.2721 E+06
3.2755 E+02	5.7576 E+02	1.0527 E+05	- 5.0505 E+04	2.0435 E+05	1.0881 E+01	- 1.5582 E+03	6.6113 E+03	7.3987 E+05	- 6.0555 E+01	7.8069 E+02	1.3832 E+02	1.0744 E+03	1.9964 E+04	2.4637 E+06
3.2755 E+02	5.1818 E+02	1.9811 E+05	- 5.0505 E+04	1.9730 E+05	1.1013 E+01	- 1.5582 E+03	6.1027 E+03	8.7925 E+05	- 6.0555 E+01	7.4520 E+02	2.6648 E+02	1.0744 E+03	1.5971 E+04	5.6980 E+06
3.2755 E+02	4.6060 E+02	2.3283 E+05	- 5.0505 E+04	1.9025 E+05	1.4821 E+00	- 1.5582 E+03	5.5941 E+03	1.1605 E+06	- 6.0555 E+01	7.0972 E+02	1.0119 E+03	1.0744 E+03	1.1978 E+04	1.1870 E+07

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.2755 E+02	4.0303 E+02	5.3851 E+05	- 5.0505 E+04	1.8321 E+05	1.3923 E+01	- 1.5582 E+03	5.0856 E+03	1.4796 E+06	- 6.0555 E+01	6.7423 E+02	4.2207 E+02	1.0744 E+03	7.9857 E+03	2.6325 E+07
3.2755 E+02	3.4545 E+02	1.1231 E+06	- 5.0505 E+04	1.7616 E+05	6.5842 E+00	- 1.5582 E+03	4.5770 E+03	1.9039 E+06	- 6.0555 E+01	6.3874 E+02	7.8271 E+02	1.0744 E+03	3.9928 E+03	5.8948 E+07
3.2755 E+02	2.8788 E+02	2.1505 E+06	- 5.0505 E+04	1.6912 E+05	9.9134 E+01	- 1.5582 E+03	4.0685 E+03	2.6465 E+06	- 6.0555 E+01	6.0326 E+02	6.8811 E+02	1.0744 E+03	0.0000 E+00	1.7465 E+08
3.2755 E+02	2.3030 E+02	3.3352 E+06	- 5.0505 E+04	1.6207 E+05	1.1304 E+01	- 1.5582 E+03	3.5599 E+03	2.7903 E+06	- 6.0555 E+01	5.6777 E+02	1.6391 E+03	- 3.3966 E+03	1.6371 E+05	1.9440 E-03
3.2755 E+02	1.7273 E+02	4.0561 E+06	- 5.0505 E+04	1.5502 E+05	9.8750 E+01	- 1.5582 E+03	3.0513 E+03	3.2334 E+06	- 6.0555 E+01	5.3229 E+02	1.6708 E+03	- 3.3966 E+03	1.5572 E+05	5.2785 E-01
3.2755 E+02	1.1515 E+02	5.7405 E+06	- 5.0505 E+04	1.4798 E+05	2.1714 E+01	- 1.5582 E+03	2.5428 E+03	3.1761 E+06	- 6.0555 E+01	4.9680 E+02	2.0263 E+03	- 3.3966 E+03	1.4374 E+05	2.5000 E+00
3.2755 E+02	5.7576 E+01	1.7456 E+07	- 5.0505 E+04	1.4093 E+05	1.2108 E+02	- 1.5582 E+03	2.0342 E+03	3.5133 E+06	- 6.0555 E+01	4.6132 E+02	2.7736 E+03	- 3.3966 E+03	1.3576 E+05	2.5511 E+00
3.2755 E+02	0.0000 E+00	3.7837 E+07	- 5.0505 E+04	1.3388 E+05	5.0907 E+01	- 1.5582 E+03	1.5257 E+03	3.6710 E+06	- 6.0555 E+01	4.2583 E+02	3.2448 E+03	- 3.3966 E+03	1.3176 E+05	5.0000 E+00
2.6186 E+02	2.8212 E+03	3.6667 E-02	- 5.0505 E+04	1.2684 E+05	4.1990 E+02	- 1.5582 E+03	1.0171 E+03	4.9900 E+06	- 6.0555 E+01	3.9034 E+02	4.0171 E+03	- 3.3966 E+03	1.2777 E+05	9.8239 E+01
2.6186 E+02	2.5909 E+03	3.6667 E-02	- 5.0505 E+04	1.1979 E+05	1.2699 E+03	- 1.5582 E+03	5.0856 E+02	1.2732 E+07	- 6.0555 E+01	3.5486 E+02	4.1153 E+03	- 3.3966 E+03	1.2378 E+05	7.9089 E+00
2.6186 E+02	2.5333 E+03	2.4786 E+00	- 5.0505 E+04	1.1274 E+05	2.6742 E+03	- 1.5582 E+03	0.0000 E+00	2.7837 E+07	- 6.0555 E+01	3.1937 E+02	1.0010 E+04	- 3.3966 E+03	1.1978 E+05	8.6042 E+01
2.6186 E+02	2.4757 E+03	2.0639 E-01	- 5.0505 E+04	1.0570 E+05	1.3521 E+03	- 2.1821 E+03	2.1359 E+04	5.1554 E+01	- 6.0555 E+01	2.8389 E+02	1.6360 E+04	- 3.3966 E+03	1.1579 E+05	5.1787 E+00
2.6186 E+02	2.4182 E+03	3.6202 E+00	- 5.0505 E+04	9.8650 E+04	3.7571 E+03	- 2.1821 E+03	2.0851 E+04	1.2177 E+01	- 6.0555 E+01	2.4840 E+02	3.3199 E+04	- 3.3966 E+03	1.1180 E+05	1.7458 E+02
2.6186 E+02	2.3606 E+03	1.7976 E+00	- 5.0505 E+04	9.1604 E+04	7.1583 E+03	- 2.1821 E+03	2.0342 E+04	7.6191 E+02	- 6.0555 E+01	2.1291 E+02	6.0609 E+04	- 3.3966 E+03	1.0781 E+05	8.4799 E+02
2.6186 E+02	2.3030 E+03	1.3700 E+01	- 5.0505 E+04	8.4558 E+04	5.8094 E+03	- 2.1821 E+03	1.9834 E+04	5.9408 E+02	- 6.0555 E+01	1.7743 E+02	1.5907 E+05	- 3.3966 E+03	1.0381 E+05	2.5296 E+03
2.6186 E+02	2.2454 E+03	8.4048 E+00	- 5.0505 E+04	7.7511 E+04	4.5479 E+03	- 2.1821 E+03	1.9325 E+04	1.0657 E+03	- 6.0555 E+01	1.4194 E+02	4.5200 E+05	- 3.3966 E+03	9.9821 E+04	4.3099 E+03
2.6186 E+02	2.1879 E+03	8.4688 E+00	- 5.0505 E+04	7.0465 E+04	1.4721 E+04	- 2.1821 E+03	1.8817 E+04	5.5720 E+02	- 6.0555 E+01	1.0646 E+02	1.3671 E+06	- 3.3966 E+03	9.5828 E+04	1.1880 E+02
2.6186 E+02	2.1303 E+03	1.1436 E+01	- 5.0505 E+04	6.3418 E+04	1.9380 E+04	- 2.1821 E+03	1.8308 E+04	8.9460 E+02	- 6.0555 E+01	7.0972 E+01	4.7379 E+06	- 3.3966 E+03	9.1835 E+04	2.0748 E+02

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.6186 E+02	2.0727 E+03	1.6254 E+01	- 5.0505 E+04	5.6372 E+04	1.8800 E+04	- 2.1821 E+03	1.7800 E+04	2.5069 E+03	- 6.0555 E+01	3.5486 E+01	1.4941 E+07	- 3.3966 E+03	8.7842 E+04	9.7349 E+02
2.6186 E+02	2.0151 E+03	1.6612 E+00	- 5.0505 E+04	4.9325 E+04	3.5081 E+04	- 2.1821 E+03	1.7291 E+04	1.3694 E+03	- 6.0555 E+01	0.0000 E+00	3.3448 E+07	- 3.3966 E+03	8.3849 E+04	4.6459 E+01
2.6186 E+02	1.9576 E+03	2.4483 E+01	- 5.0505 E+04	4.2279 E+04	8.7038 E+04	- 2.1821 E+03	1.6782 E+04	1.6321 E+03	- 9.9179 E+01	1.7743 E+03	1.2092 E-02	- 3.3966 E+03	7.9857 E+04	1.9326 E+03
2.6186 E+02	1.9000 E+03	1.1992 E+02	- 5.0505 E+04	3.5232 E+04	2.1081 E+05	- 2.1821 E+03	1.6274 E+04	3.7821 E+03	- 9.9179 E+01	1.6323 E+03	5.0000 E+00	- 3.3966 E+03	7.5864 E+04	5.3102 E+03
2.6186 E+02	1.8424 E+03	5.2331 E+02	- 5.0505 E+04	2.8186 E+04	4.9618 E+05	- 2.1821 E+03	1.5765 E+04	5.6113 E+03	- 9.9179 E+01	1.5614 E+03	1.2092 E-02	- 3.3966 E+03	7.1871 E+04	1.0835 E+03
2.6186 E+02	1.7848 E+03	3.2744 E+01	- 5.0505 E+04	2.1139 E+04	1.6942 E+06	- 2.1821 E+03	1.5257 E+04	9.0199 E+03	- 9.9179 E+01	1.4904 E+03	8.4860 E-02	- 3.3966 E+03	6.7878 E+04	6.0890 E+03
2.6186 E+02	1.7273 E+03	3.7789 E+01	- 5.0505 E+04	1.4093 E+04	2.3916 E+06	- 2.1821 E+03	1.4748 E+04	7.9887 E+03	- 9.9179 E+01	1.4549 E+03	1.9440 E-03	- 3.3966 E+03	6.3885 E+04	3.7748 E+03
2.6186 E+02	1.6697 E+03	1.2620 E+02	- 5.0505 E+04	7.0465 E+03	3.5861 E+06	- 2.1821 E+03	1.4240 E+04	7.9516 E+03	- 9.9179 E+01	1.3839 E+03	1.2092 E-02	- 3.3966 E+03	5.9892 E+04	4.4105 E+03
2.6186 E+02	1.6121 E+03	1.1403 E+03	- 5.0505 E+04	0.0000 E+00	1.2433 E+07	- 2.1821 E+03	1.3731 E+04	1.2108 E+04	- 9.9179 E+01	1.3485 E+03	2.0833 E+00	- 3.3966 E+03	5.5900 E+04	3.0959 E+03
2.6186 E+02	1.5545 E+03	1.6742 E+03	- 5.8160 E+04	3.0300 E+05	1.3521 E+00	- 2.1821 E+03	1.3223 E+04	2.5866 E+04	- 9.9179 E+01	1.2775 E+03	2.5367 E+00	- 3.3966 E+03	5.1907 E+04	1.2684 E+04
2.6186 E+02	1.4970 E+03	1.7074 E+02	- 5.8160 E+04	2.9595 E+05	1.3521 E+00	- 2.1821 E+03	1.2714 E+04	3.2165 E+04	- 9.9179 E+01	1.2065 E+03	2.4378 E+00	- 3.3966 E+03	4.7914 E+04	1.2666 E+04
2.6186 E+02	1.4394 E+03	1.9061 E+03	- 5.8160 E+04	2.8890 E+05	2.7042 E+00	- 2.1821 E+03	1.2205 E+04	3.9185 E+04	- 9.9179 E+01	1.1710 E+03	5.0000 E+00	- 3.3966 E+03	4.3921 E+04	2.3220 E+04
2.6186 E+02	1.3818 E+03	8.6307 E+02	- 5.8160 E+04	2.8186 E+05	1.3521 E+00	- 2.1821 E+03	1.1697 E+04	4.1373 E+04	- 9.9179 E+01	1.1355 E+03	2.1114 E+00	- 3.3966 E+03	3.9928 E+04	3.6642 E+04
2.6186 E+02	1.3242 E+03	7.7767 E+02	- 5.8160 E+04	2.7481 E+05	1.3521 E+00	- 2.1821 E+03	1.1188 E+04	8.1310 E+04	- 9.9179 E+01	1.1001 E+03	1.2730 E+00	- 3.3966 E+03	3.5935 E+04	4.7078 E+04
2.6186 E+02	1.2667 E+03	7.7026 E+02	- 5.8160 E+04	2.6777 E+05	1.3521 E+00	- 2.1821 E+03	1.0680 E+04	1.0318 E+05	- 9.9179 E+01	1.0646 E+03	1.7589 E+02	- 3.3966 E+03	3.1943 E+04	7.6745 E+04
2.6186 E+02	1.2091 E+03	1.4462 E+03	- 5.8160 E+04	2.6072 E+05	5.2085 E+00	- 2.1821 E+03	1.0171 E+04	1.6792 E+05	- 9.9179 E+01	1.0291 E+03	1.6972 E-01	- 3.3966 E+03	2.7950 E+04	6.9663 E+04
2.6186 E+02	1.1515 E+03	1.8217 E+03	- 5.8160 E+04	2.5367 E+05	1.3521 E+00	- 2.1821 E+03	9.6626 E+03	2.4915 E+05	- 9.9179 E+01	9.9360 E+02	1.1310 E+00	- 3.3966 E+03	2.3957 E+04	2.0365 E+05
2.6186 E+02	1.0939 E+03	1.6337 E+03	- 5.8160 E+04	2.4663 E+05	4.5628 E+00	- 2.1821 E+03	9.1540 E+03	2.6574 E+05	- 9.9179 E+01	9.5812 E+02	1.4690 E+01	- 3.3966 E+03	1.9964 E+04	2.9889 E+05

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.6186 E+02	1.0364 E+03	2.8923 E+03	- 5.8160 E+04	2.3958 E+05	3.1021 E+00	- 2.1821 E+03	8.6455 E+03	3.6773 E+05	- 9.9179 E+01	9.2263 E+02	1.7295 E+01	- 3.3966 E+03	1.5971 E+04	5.4512 E+05
2.6186 E+02	9.7878 E+02	4.1063 E+03	- 5.8160 E+04	2.3253 E+05	1.6084 E+01	- 2.1821 E+03	8.1369 E+03	4.0338 E+05	- 9.9179 E+01	8.8714 E+02	2.4881 E+00	- 3.3966 E+03	1.1978 E+04	1.5111 E+06
2.6186 E+02	9.2121 E+02	1.4631 E+04	- 5.8160 E+04	2.2549 E+05	6.9952 E+00	- 2.1821 E+03	7.6284 E+03	4.6601 E+05	- 9.9179 E+01	8.5166 E+02	1.7891 E+01	- 3.3966 E+03	7.9857 E+03	5.1143 E+06
2.6186 E+02	8.6363 E+02	1.1928 E+04	- 5.8160 E+04	2.1844 E+05	1.7208 E+01	- 2.1821 E+03	7.1198 E+03	6.9099 E+05	- 9.9179 E+01	8.1617 E+02	2.0570 E+02	- 3.3966 E+03	3.9928 E+03	1.7906 E+07
2.6186 E+02	8.0606 E+02	1.1161 E+04	- 5.8160 E+04	2.1139 E+05	7.3540 E+00	- 2.1821 E+03	6.6113 E+03	7.8710 E+05	- 9.9179 E+01	7.8069 E+02	6.0569 E+01	- 3.3966 E+03	0.0000 E+00	6.8201 E+07
2.6186 E+02	7.4848 E+02	2.7986 E+04	- 5.8160 E+04	2.0435 E+05	2.2758 E+01	- 2.1821 E+03	6.1027 E+03	1.0800 E+06	- 9.9179 E+01	7.4520 E+02	2.5274 E+02	- 7.8676 E+03	1.5572 E+05	1.9440 E-03
2.6186 E+02	6.9091 E+02	2.5447 E+04	- 5.8160 E+04	1.9730 E+05	2.7965 E+01	- 2.1821 E+03	5.5941 E+03	1.2390 E+06	- 9.9179 E+01	7.0972 E+02	2.8187 E+02	- 7.8676 E+03	1.4773 E+05	5.6250 E+00
2.6186 E+02	6.3333 E+02	3.8039 E+04	- 5.8160 E+04	1.9025 E+05	7.0850 E+00	- 2.1821 E+03	5.0856 E+03	1.6265 E+06	- 9.9179 E+01	6.7423 E+02	4.1255 E+02	- 7.8676 E+03	1.3576 E+05	2.5000 E+00
2.6186 E+02	5.7576 E+02	3.6336 E+04	- 5.8160 E+04	1.8321 E+05	5.4521 E+00	- 2.1821 E+03	4.5770 E+03	1.8749 E+06	- 9.9179 E+01	6.3874 E+02	3.9518 E+02	- 7.8676 E+03	1.2777 E+05	2.5511 E+00
2.6186 E+02	5.1818 E+02	1.1595 E+05	- 5.8160 E+04	1.7616 E+05	9.7111 E+01	- 2.1821 E+03	4.0685 E+03	2.2995 E+06	- 9.9179 E+01	6.0326 E+02	4.6152 E+02	- 7.8676 E+03	1.2378 E+05	3.8881 E-03
2.6186 E+02	4.6060 E+02	1.9129 E+05	- 5.8160 E+04	1.6912 E+05	8.2811 E+00	- 2.1821 E+03	3.5599 E+03	2.6842 E+06	- 9.9179 E+01	5.6777 E+02	4.0589 E+02	- 7.8676 E+03	1.1978 E+05	7.6978 E+00
2.6186 E+02	4.0303 E+02	4.6286 E+05	- 5.8160 E+04	1.6207 E+05	1.8899 E+02	- 2.1821 E+03	3.0513 E+03	3.0165 E+06	- 9.9179 E+01	5.3229 E+02	2.1186 E+02	- 7.8676 E+03	1.1579 E+05	5.6847 E+00
2.6186 E+02	3.4545 E+02	8.6888 E+05	- 5.8160 E+04	1.5502 E+05	2.2362 E+01	- 2.1821 E+03	2.5428 E+03	2.6756 E+06	- 9.9179 E+01	4.9680 E+02	5.4772 E+02	- 7.8676 E+03	1.1180 E+05	1.3700 E+00
2.6186 E+02	2.8788 E+02	1.6411 E+06	- 5.8160 E+04	1.4798 E+05	2.2535 E+02	- 2.1821 E+03	2.0342 E+03	2.4899 E+06	- 9.9179 E+01	4.6132 E+02	9.8153 E+02	- 7.8676 E+03	1.0781 E+05	2.5833 E+00
2.6186 E+02	2.3030 E+02	3.2532 E+06	- 5.8160 E+04	1.4093 E+05	3.0226 E+02	- 2.1821 E+03	1.5257 E+03	3.0808 E+06	- 9.9179 E+01	4.2583 E+02	8.5378 E+02	- 7.8676 E+03	1.0381 E+05	5.0478 E+00
2.6186 E+02	1.7273 E+02	6.3061 E+06	- 5.8160 E+04	1.3388 E+05	3.4133 E+02	- 2.1821 E+03	1.0171 E+03	4.4606 E+06	- 9.9179 E+01	3.9034 E+02	6.2961 E+02	- 7.8676 E+03	9.9821 E+04	1.3233 E+00
2.6186 E+02	1.1515 E+02	9.1354 E+06	- 5.8160 E+04	1.2684 E+05	4.1169 E+02	- 2.1821 E+03	5.0856 E+02	1.1195 E+07	- 9.9179 E+01	3.5486 E+02	5.7175 E+02	- 7.8676 E+03	9.5828 E+04	1.9250 E+00
2.6186 E+02	5.7576 E+01	2.3505 E+07	- 5.8160 E+04	1.1979 E+05	4.4783 E+02	- 2.1821 E+03	0.0000 E+00	2.2327 E+07	- 9.9179 E+01	3.1937 E+02	1.6754 E+03	- 7.8676 E+03	9.1835 E+04	8.4451 E+02

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.6186 E+02	0.0000 E+00	5.1645 E+07	- 5.8160 E+04	1.1274 E+05	9.5603 E+02	- 2.8060 E+03	2.2885 E+04	5.2785 E-01	- 9.9179 E+01	2.8389 E+02	4.4440 E+03	- 7.8676 E+03	8.7842 E+04	2.9265 E+01
1.9616 E+02	2.5909 E+03	8.4860 E-02	- 5.8160 E+04	1.0570 E+05	1.2765 E+03	- 2.8060 E+03	2.2377 E+04	1.1031 E+02	- 9.9179 E+01	2.4840 E+02	6.5342 E+03	- 7.8676 E+03	8.3849 E+04	8.7006 E+02
1.9616 E+02	2.4757 E+03	1.3521 E+00	- 5.8160 E+04	9.8650 E+04	1.2872 E+03	- 2.8060 E+03	2.1359 E+04	5.2785 E-01	- 9.9179 E+01	2.1291 E+02	1.5551 E+04	- 7.8676 E+03	7.9857 E+04	2.7080 E+03
1.9616 E+02	2.4182 E+03	1.0417 E+00	- 5.8160 E+04	9.1604 E+04	2.9722 E+03	- 2.8060 E+03	2.0851 E+04	5.6091 E+01	- 9.9179 E+01	1.7743 E+02	5.5673 E+04	- 7.8676 E+03	7.5864 E+04	3.5438 E+02
1.9616 E+02	2.3606 E+03	6.6821 E+00	- 5.8160 E+04	8.4558 E+04	5.6460 E+03	- 2.8060 E+03	2.0342 E+04	2.7147 E+02	- 9.9179 E+01	1.4194 E+02	1.7170 E+05	- 7.8676 E+03	7.1871 E+04	9.6607 E+02
1.9616 E+02	2.3030 E+03	1.3521 E+00	- 5.8160 E+04	7.7511 E+04	1.4408 E+04	- 2.8060 E+03	1.9834 E+04	8.7086 E+00	- 9.9179 E+01	1.0646 E+02	4.7045 E+05	- 7.8676 E+03	6.7878 E+04	7.9964 E+01
1.9616 E+02	2.2454 E+03	7.1300 E+00	- 5.8160 E+04	7.0465 E+04	1.6483 E+04	- 2.8060 E+03	1.9325 E+04	6.7176 E+02	- 9.9179 E+01	7.0972 E+01	1.4307 E+06	- 7.8676 E+03	6.3885 E+04	5.6111 E+01
1.9616 E+02	2.1879 E+03	1.6373 E+01	- 5.8160 E+04	6.3418 E+04	2.5304 E+04	- 2.8060 E+03	1.8817 E+04	8.5225 E+02	- 9.9179 E+01	3.5486 E+01	3.6023 E+06	- 7.8676 E+03	5.9892 E+04	4.2087 E+02
1.9616 E+02	2.1303 E+03	1.0780 E+01	- 5.8160 E+04	5.6372 E+04	3.6580 E+04	- 2.8060 E+03	1.8308 E+04	1.3186 E+02	- 9.9179 E+01	0.0000 E+00	7.0864 E+06	- 7.8676 E+03	5.5900 E+04	1.4484 E+03
1.9616 E+02	2.0727 E+03	1.0366 E+01	- 5.8160 E+04	4.9325 E+04	7.7114 E+04	- 2.8060 E+03	1.7800 E+04	5.9566 E+02	- 1.3780 E+02	1.6678 E+03	1.2092 E-02	- 7.8676 E+03	5.1907 E+04	3.0199 E+02
1.9616 E+02	2.0151 E+03	1.4294 E+01	- 5.8160 E+04	4.2279 E+04	1.2008 E+05	- 2.8060 E+03	1.7291 E+04	1.9136 E+03	- 1.3780 E+02	1.2065 E+03	2.5000 E+00	- 7.8676 E+03	4.7914 E+04	1.5653 E+03
1.9616 E+02	1.9576 E+03	8.6891 E+00	- 5.8160 E+04	3.5232 E+04	3.6087 E+05	- 2.8060 E+03	1.6782 E+04	1.2383 E+02	- 1.3780 E+02	1.1710 E+03	1.0557 E+00	- 7.8676 E+03	4.3921 E+04	3.3957 E+02
1.9616 E+02	1.9000 E+03	3.0000 E+00	- 5.8160 E+04	2.8186 E+04	7.2650 E+05	- 2.8060 E+03	1.6274 E+04	2.8132 E+02	- 1.3780 E+02	1.1355 E+03	2.5000 E+00	- 7.8676 E+03	3.9928 E+04	1.8786 E+03
1.9616 E+02	1.8424 E+03	1.8011 E+00	- 5.8160 E+04	2.1139 E+04	1.7817 E+06	- 2.8060 E+03	1.5765 E+04	2.1883 E+03	- 1.3780 E+02	1.0291 E+03	4.0307 E+00	- 7.8676 E+03	3.5935 E+04	1.5566 E+03
1.9616 E+02	1.7848 E+03	1.2500 E+00	- 5.8160 E+04	1.4093 E+04	3.1514 E+06	- 2.8060 E+03	1.5257 E+04	3.6983 E+02	- 1.3780 E+02	9.9360 E+02	2.8299 E+00	- 7.8676 E+03	3.1943 E+04	1.1150 E+03
1.9616 E+02	1.7273 E+03	5.6229 E+00	- 5.8160 E+04	7.0465 E+03	3.5116 E+06	- 2.8060 E+03	1.4748 E+04	2.0065 E+03	- 1.3780 E+02	9.5812 E+02	1.7037 E+00	- 7.8676 E+03	2.7950 E+04	1.1980 E+03
1.9616 E+02	1.6697 E+03	9.9044 E+00	- 5.8160 E+04	0.0000 E+00	1.2416 E+07	- 2.8060 E+03	1.4240 E+04	3.4434 E+03	- 1.3780 E+02	9.2263 E+02	6.0557 E+00	- 7.8676 E+03	2.3957 E+04	1.3202 E+03
1.9616 E+02	1.6121 E+03	7.0915 E+00	- 6.5816 E+04	2.9595 E+05	2.7042 E+00	- 2.8060 E+03	1.3731 E+04	6.5074 E+03	- 1.3780 E+02	8.8714 E+02	4.2004 E+00	- 7.8676 E+03	1.9964 E+04	1.6060 E+03

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.9616 E+02	1.5545 E+03	2.5197 E+03	- 6.5816 E+04	2.6777 E+05	4.0563 E+00	- 2.8060 E+03	1.3223 E+04	5.7263 E+03	- 1.3780 E+02	8.5166 E+02	1.2988 E+00	- 7.8676 E+03	1.5971 E+04	3.2264 E+03
1.9616 E+02	1.4970 E+03	1.5733 E+01	- 6.5816 E+04	2.5367 E+05	3.6667 E-02	- 2.8060 E+03	1.2714 E+04	6.8913 E+03	- 1.3780 E+02	8.1617 E+02	5.4779 E+00	- 7.8676 E+03	1.1978 E+04	7.3547 E+03
1.9616 E+02	1.4394 E+03	1.1859 E+01	- 6.5816 E+04	2.4663 E+05	6.2500 E-01	- 2.8060 E+03	1.2205 E+04	1.5456 E+04	- 1.3780 E+02	7.8069 E+02	1.5163 E+01	- 7.8676 E+03	7.9857 E+03	4.7547 E+04
1.9616 E+02	1.3818 E+03	4.6585 E+01	- 6.5816 E+04	2.3253 E+05	1.3888 E+00	- 2.8060 E+03	1.1697 E+04	5.2628 E+04	- 1.3780 E+02	7.4520 E+02	1.7259 E+02	- 7.8676 E+03	3.9928 E+03	3.4449 E+05
1.9616 E+02	1.3242 E+03	2.9929 E+02	- 6.5816 E+04	2.2549 E+05	1.1917 E+01	- 2.8060 E+03	1.1188 E+04	2.8274 E+04	- 1.3780 E+02	7.0972 E+02	1.7031 E+01	- 7.8676 E+03	0.0000 E+00	3.1682 E+06
1.9616 E+02	1.2667 E+03	8.3780 E+01	- 6.5816 E+04	2.1844 E+05	1.0617 E+01	- 2.8060 E+03	1.0680 E+04	3.3452 E+04	- 1.3780 E+02	6.7423 E+02	2.0258 E+02	- 1.2339 E+04	1.6770 E+05	1.2092 E-02
1.9616 E+02	1.2091 E+03	2.2725 E+02	- 6.5816 E+04	2.1139 E+05	4.3738 E+01	- 2.8060 E+03	1.0171 E+04	6.6113 E+04	- 1.3780 E+02	6.3874 E+02	1.9043 E+01	- 1.2339 E+04	1.4773 E+05	2.4184 E-02
1.9616 E+02	1.1515 E+03	6.7797 E+02	- 6.5816 E+04	2.0435 E+05	1.4941 E+01	- 2.8060 E+03	9.6626 E+03	1.1962 E+05	- 1.3780 E+02	6.0326 E+02	3.8312 E+01	- 1.2339 E+04	1.3576 E+05	1.2500 E+00
1.9616 E+02	1.0939 E+03	4.0548 E+02	- 6.5816 E+04	1.9730 E+05	1.5994 E+01	- 2.8060 E+03	9.1540 E+03	1.7629 E+05	- 1.3780 E+02	5.6777 E+02	1.1831 E+01	- 1.2339 E+04	1.2378 E+05	5.0000 E+00
1.9616 E+02	1.0364 E+03	2.0037 E+02	- 6.5816 E+04	1.9025 E+05	2.6003 E+01	- 2.8060 E+03	8.6455 E+03	2.4402 E+05	- 1.3780 E+02	5.3229 E+02	1.8632 E+01	- 1.2339 E+04	1.1978 E+05	6.2694 E-01
1.9616 E+02	9.7878 E+02	1.2703 E+03	- 6.5816 E+04	1.8321 E+05	4.6877 E+00	- 2.8060 E+03	8.1369 E+03	3.7059 E+05	- 1.3780 E+02	4.9680 E+02	1.4629 E+02	- 1.2339 E+04	1.1579 E+05	4.8506 E+00
1.9616 E+02	9.2121 E+02	2.4781 E+02	- 6.5816 E+04	1.7616 E+05	5.1230 E+00	- 2.8060 E+03	7.6284 E+03	4.9926 E+05	- 1.3780 E+02	4.6132 E+02	6.8333 E+01	- 1.2339 E+04	1.1180 E+05	3.8233 E+00
1.9616 E+02	8.6363 E+02	2.5341 E+03	- 6.5816 E+04	1.6912 E+05	2.0990 E+01	- 2.8060 E+03	7.1198 E+03	6.2520 E+05	- 1.3780 E+02	4.2583 E+02	1.6915 E+02	- 1.2339 E+04	1.0781 E+05	5.1130 E-02
1.9616 E+02	8.0606 E+02	2.7346 E+03	- 6.5816 E+04	1.6207 E+05	1.1237 E+02	- 2.8060 E+03	6.6113 E+03	7.1554 E+05	- 1.3780 E+02	3.9034 E+02	1.4190 E+02	- 1.2339 E+04	1.0381 E+05	5.6250 E+00
1.9616 E+02	7.4848 E+02	9.2837 E+03	- 6.5816 E+04	1.5502 E+05	5.6686 E+02	- 2.8060 E+03	6.1027 E+03	9.9600 E+05	- 1.3780 E+02	3.5486 E+02	6.3714 E+02	- 1.2339 E+04	9.9821 E+04	1.2500 E+01
1.9616 E+02	6.9091 E+02	1.7039 E+04	- 6.5816 E+04	1.4798 E+05	1.1448 E+03	- 2.8060 E+03	5.5941 E+03	1.3168 E+06	- 1.3780 E+02	3.1937 E+02	3.2147 E+02	- 1.2339 E+04	9.5828 E+04	1.1301 E+01
1.9616 E+02	6.3333 E+02	4.3883 E+04	- 6.5816 E+04	1.4093 E+05	2.6449 E+02	- 2.8060 E+03	5.0856 E+03	1.6198 E+06	- 1.3780 E+02	2.8389 E+02	5.7527 E+02	- 1.2339 E+04	9.1835 E+04	2.5019 E+00
1.9616 E+02	5.7576 E+02	6.0689 E+04	- 6.5816 E+04	1.3388 E+05	6.5664 E+02	- 2.8060 E+03	4.5770 E+03	2.0074 E+06	- 1.3780 E+02	2.4840 E+02	1.1852 E+03	- 1.2339 E+04	8.7842 E+04	5.0204 E+00

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.9616 E+02	5.1818 E+02	1.1451 E+05	- 6.5816 E+04	1.2684 E+05	1.2083 E+03	- 2.8060 E+03	4.0685 E+03	2.1657 E+06	- 1.3780 E+02	2.1291 E+02	4.6419 E+03	- 1.2339 E+04	8.3849 E+04	7.3333 E-02
1.9616 E+02	4.6060 E+02	2.5070 E+05	- 6.5816 E+04	1.1979 E+05	2.4661 E+03	- 2.8060 E+03	3.5599 E+03	2.5241 E+06	- 1.3780 E+02	1.7743 E+02	5.9480 E+03	- 1.2339 E+04	7.9857 E+04	7.0833 E+00
1.9616 E+02	4.0303 E+02	4.5482 E+05	- 6.5816 E+04	1.1274 E+05	8.2604 E+02	- 2.8060 E+03	3.0513 E+03	2.5089 E+06	- 1.3780 E+02	1.4194 E+02	3.3725 E+04	- 1.2339 E+04	7.5864 E+04	5.7022 E+00
1.9616 E+02	3.4545 E+02	1.0007 E+06	- 6.5816 E+04	1.0570 E+05	3.1506 E+03	- 2.8060 E+03	2.5428 E+03	2.3750 E+06	- 1.3780 E+02	1.0646 E+02	1.4673 E+05	- 1.2339 E+04	7.1871 E+04	9.2240 E+00
1.9616 E+02	2.8788 E+02	2.1080 E+06	- 6.5816 E+04	9.8650 E+04	8.7623 E+03	- 2.8060 E+03	2.0342 E+03	2.2722 E+06	- 1.3780 E+02	7.0972 E+01	5.7666 E+05	- 1.2339 E+04	6.7878 E+04	2.1244 E+02
1.9616 E+02	2.3030 E+02	4.2447 E+06	- 6.5816 E+04	9.1604 E+04	4.1484 E+03	- 2.8060 E+03	1.5257 E+03	2.6005 E+06	- 1.3780 E+02	3.5486 E+01	1.5043 E+06	- 1.2339 E+04	6.3885 E+04	3.0013 E+02
1.9616 E+02	1.7273 E+02	7.4972 E+06	- 6.5816 E+04	8.4558 E+04	4.8205 E+03	- 2.8060 E+03	1.0171 E+03	4.2985 E+06	- 1.3780 E+02	0.0000 E+00	2.1426 E+06	- 1.2339 E+04	5.9892 E+04	1.9097 E+02
1.9616 E+02	1.1515 E+02	1.0317 E+07	- 6.5816 E+04	7.7511 E+04	1.7717 E+04	- 2.8060 E+03	5.0856 E+02	9.1433 E+06	- 1.7643 E+02	1.2065 E+03	2.0833 E+00	- 1.2339 E+04	5.5900 E+04	3.6000 E+02
1.9616 E+02	5.7576 E+01	2.5092 E+07	- 6.5816 E+04	7.0465 E+04	2.8341 E+04	- 2.8060 E+03	0.0000 E+00	1.6919 E+07	- 1.7643 E+02	1.1355 E+03	3.8881 E-03	- 1.2339 E+04	5.1907 E+04	7.6319 E+01
1.9616 E+02	0.0000 E+00	5.8779 E+07	- 6.5816 E+04	6.3418 E+04	3.5270 E+04	- 3.4299 E+03	2.4411 E+04	3.6667 E-02	- 1.7643 E+02	1.0291 E+03	1.6972 E-01	- 1.2339 E+04	4.7914 E+04	3.0888 E+02
1.3047 E+02	2.5333 E+03	1.3521 E+00	- 6.5816 E+04	5.6372 E+04	7.0447 E+04	- 3.4299 E+03	2.3394 E+04	5.2785 E-01	- 1.7643 E+02	9.9360 E+02	2.4184 E-02	- 1.2339 E+04	4.3921 E+04	6.2950 E+02
1.3047 E+02	2.4757 E+03	1.9771 E+00	- 6.5816 E+04	4.9325 E+04	7.9768 E+04	- 3.4299 E+03	2.2885 E+04	1.4297 E+01	- 1.7643 E+02	9.5812 E+02	1.6972 E-01	- 1.2339 E+04	3.9928 E+04	4.0200 E+02
1.3047 E+02	2.4182 E+03	4.8521 E+00	- 6.5816 E+04	4.2279 E+04	2.0538 E+05	- 3.4299 E+03	2.1868 E+04	5.2785 E-01	- 1.7643 E+02	9.2263 E+02	5.0733 E+00	- 1.2339 E+04	3.5935 E+04	6.0915 E+02
1.3047 E+02	2.3606 E+03	9.6627 E+00	- 6.5816 E+04	3.5232 E+04	4.0038 E+05	- 3.4299 E+03	2.1359 E+04	2.5091 E+00	- 1.7643 E+02	8.1617 E+02	3.1480 E+00	- 1.2339 E+04	3.1943 E+04	6.8353 E+02
1.3047 E+02	2.3030 E+03	1.4254 E+00	- 6.5816 E+04	2.8186 E+04	1.1675 E+06	- 3.4299 E+03	2.0851 E+04	3.0711 E+00	- 1.7643 E+02	7.8069 E+02	5.7344 E+00	- 1.2339 E+04	2.7950 E+04	4.8090 E+02
1.3047 E+02	2.2454 E+03	1.5269 E+01	- 6.5816 E+04	2.1139 E+04	2.0719 E+06	- 3.4299 E+03	2.0342 E+04	5.2785 E-01	- 1.7643 E+02	7.4520 E+02	1.1056 E+01	- 1.2339 E+04	2.3957 E+04	1.9135 E+02
1.3047 E+02	2.1879 E+03	8.3521 E+00	- 6.5816 E+04	1.4093 E+04	3.0723 E+06	- 3.4299 E+03	1.9834 E+04	9.2868 E+01	- 1.7643 E+02	7.0972 E+02	8.2311 E+00	- 1.2339 E+04	1.9964 E+04	1.0281 E+03
1.3047 E+02	2.1303 E+03	8.7500 E+00	- 6.5816 E+04	7.0465 E+03	3.8322 E+06	- 3.4299 E+03	1.9325 E+04	9.6058 E+01	- 1.7643 E+02	6.7423 E+02	6.4802 E-01	- 1.2339 E+04	1.5971 E+04	1.0860 E+03

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.3047 E+02	2.0727 E+03	2.1229 E+01	- 6.5816 E+04	0.0000 E+00	1.1595 E+07	- 3.4299 E+03	1.8817 E+04	5.1955 E+01	- 1.7643 E+02	6.3874 E+02	1.0799 E+00	- 1.2339 E+04	1.1978 E+04	9.6649 E+02
1.3047 E+02	2.0151 E+03	1.3908 E+01	- 7.3471 E+04	2.8186 E+05	2.7042 E+00	- 3.4299 E+03	1.8308 E+04	1.3348 E+02	- 1.7643 E+02	6.0326 E+02	1.2170 E+01	- 1.2339 E+04	7.9857 E+03	1.4064 E+04
1.3047 E+02	1.9576 E+03	4.8521 E+00	- 7.3471 E+04	2.6777 E+05	2.7409 E+00	- 3.4299 E+03	1.7800 E+04	1.1540 E+01	- 1.7643 E+02	5.6777 E+02	1.4554 E+01	- 1.2339 E+04	3.9928 E+03	1.6717 E+05
1.3047 E+02	1.9000 E+03	6.2916 E+00	- 7.3471 E+04	2.4663 E+05	2.7042 E+00	- 3.4299 E+03	1.7291 E+04	1.1523 E+03	- 1.7643 E+02	5.3229 E+02	9.9588 E+00	- 1.2339 E+04	0.0000 E+00	1.4836 E+06
1.3047 E+02	1.8424 E+03	5.5833 E+00	- 7.3471 E+04	2.3958 E+05	2.4413 E+00	- 3.4299 E+03	1.6782 E+04	1.6462 E+02	- 1.7643 E+02	4.9680 E+02	2.8657 E+01	- 1.6810 E+04	1.6371 E+05	1.2092 E-02
1.3047 E+02	1.7848 E+03	3.6667 E-02	- 7.3471 E+04	2.3253 E+05	1.3521 E+00	- 3.4299 E+03	1.6274 E+04	6.2268 E+01	- 1.7643 E+02	4.6132 E+02	4.7596 E+01	- 1.6810 E+04	1.1180 E+05	2.5000 E+00
1.3047 E+02	1.7273 E+03	1.4914 E+01	- 7.3471 E+04	2.1844 E+05	2.4413 E+00	- 3.4299 E+03	1.5765 E+04	7.5325 E+01	- 1.7643 E+02	4.2583 E+02	2.3841 E+00	- 1.6810 E+04	9.1835 E+04	1.0012 E+01
1.3047 E+02	1.6697 E+03	3.6667 E-02	- 7.3471 E+04	2.0435 E+05	2.5262 E+00	- 3.4299 E+03	1.5257 E+04	3.2087 E+02	- 1.7643 E+02	3.9034 E+02	1.7607 E+01	- 1.6810 E+04	8.7842 E+04	2.0334 E-01
1.3047 E+02	1.6121 E+03	4.2380 E+00	- 7.3471 E+04	1.9730 E+05	4.0869 E+01	- 3.4299 E+03	1.4748 E+04	1.3169 E+03	- 1.7643 E+02	3.5486 E+02	3.7020 E+02	- 1.6810 E+04	7.9857 E+04	7.2222 E+00
1.3047 E+02	1.5545 E+03	6.3004 E+00	- 7.3471 E+04	1.9025 E+05	6.8469 E-01	- 3.4299 E+03	1.4240 E+04	5.9627 E+02	- 1.7643 E+02	3.1937 E+02	2.1912 E+02	- 1.6810 E+04	7.5864 E+04	8.5874 E+01
1.3047 E+02	1.4970 E+03	9.1006 E+01	- 7.3471 E+04	1.8321 E+05	4.3609 E+01	- 3.4299 E+03	1.3731 E+04	2.0556 E+02	- 1.7643 E+02	2.8389 E+02	3.8503 E+02	- 1.6810 E+04	7.1871 E+04	1.0085 E+01
1.3047 E+02	1.4394 E+03	1.7227 E+01	- 7.3471 E+04	1.7616 E+05	3.7705 E+01	- 3.4299 E+03	1.3223 E+04	1.0359 E+03	- 1.7643 E+02	2.4840 E+02	9.5607 E+02	- 1.6810 E+04	6.7878 E+04	1.7777 E+02
1.3047 E+02	1.3818 E+03	2.7892 E+01	- 7.3471 E+04	1.6912 E+05	6.6220 E+00	- 3.4299 E+03	1.2714 E+04	3.9742 E+03	- 1.7643 E+02	2.1291 E+02	1.1700 E+02	- 1.6810 E+04	6.3885 E+04	7.9291 E+00
1.3047 E+02	1.3242 E+03	1.9997 E+01	- 7.3471 E+04	1.6207 E+05	5.3695 E+02	- 3.4299 E+03	1.2205 E+04	3.7099 E+03	- 1.7643 E+02	1.7743 E+02	3.4938 E+03	- 1.6810 E+04	5.9892 E+04	3.3481 E+02
1.3047 E+02	1.2667 E+03	3.0560 E+01	- 7.3471 E+04	1.5502 E+05	1.1039 E+03	- 3.4299 E+03	1.1697 E+04	5.6098 E+03	- 1.7643 E+02	1.4194 E+02	4.1851 E+03	- 1.6810 E+04	5.5900 E+04	3.0723 E+01
1.3047 E+02	1.2091 E+03	7.6270 E+00	- 7.3471 E+04	1.4798 E+05	1.1949 E+02	- 3.4299 E+03	1.1188 E+04	1.3882 E+04	- 1.7643 E+02	1.0646 E+02	3.2158 E+04	- 1.6810 E+04	5.1907 E+04	3.5458 E+02
1.3047 E+02	1.1515 E+03	3.8164 E+02	- 7.3471 E+04	1.4093 E+05	7.4373 E+03	- 3.4299 E+03	1.0680 E+04	1.4725 E+04	- 1.7643 E+02	7.0972 E+01	1.3622 E+05	- 1.6810 E+04	4.7914 E+04	3.3349 E+01
1.3047 E+02	1.0939 E+03	7.4261 E+01	- 7.3471 E+04	1.3388 E+05	4.5397 E+03	- 3.4299 E+03	1.0171 E+04	3.2253 E+04	- 1.7643 E+02	3.5486 E+01	4.2925 E+05	- 1.6810 E+04	4.3921 E+04	2.2401 E+02

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.3047 E+02	1.0364 E+03	6.8252 E+01	- 7.3471 E+04	1.2684 E+05	2.4378 E+03	- 3.4299 E+03	9.6626 E+03	5.1397 E+04	- 1.7643 E+02	0.0000 E+00	7.7641 E+05	- 1.6810 E+04	3.9928 E+04	6.5288 E+01
1.3047 E+02	9.7878 E+02	1.1191 E+02	- 7.3471 E+04	1.1979 E+05	1.7364 E+03	- 3.4299 E+03	9.1540 E+03	9.1972 E+04	- 2.1505 E+02	7.8069 E+02	4.0307 E+00	- 1.6810 E+04	3.5935 E+04	3.9355 E+02
1.3047 E+02	9.2121 E+02	2.7788 E+02	- 7.3471 E+04	1.1274 E+05	9.0962 E+03	- 3.4299 E+03	8.6455 E+03	1.1034 E+05	- 2.1505 E+02	6.3874 E+02	1.6972 E-01	- 1.6810 E+04	3.1943 E+04	4.3797 E+02
1.3047 E+02	8.6363 E+02	2.8849 E+02	- 7.3471 E+04	1.0570 E+05	1.5803 E+04	- 3.4299 E+03	8.1369 E+03	1.9516 E+05	- 2.1505 E+02	6.0326 E+02	4.2004 E+00	- 1.6810 E+04	2.7950 E+04	2.4120 E+02
1.3047 E+02	8.0606 E+02	3.5410 E+03	- 7.3471 E+04	9.8650 E+04	2.8859 E+04	- 3.4299 E+03	7.6284 E+03	2.7734 E+05	- 2.1505 E+02	5.6777 E+02	1.2500 E+00	- 1.6810 E+04	2.3957 E+04	2.7915 E+02
1.3047 E+02	7.4848 E+02	7.4989 E+03	- 7.3471 E+04	9.1604 E+04	1.1595 E+04	- 3.4299 E+03	7.1198 E+03	3.8249 E+05	- 2.1505 E+02	5.3229 E+02	4.0307 E+00	- 1.6810 E+04	1.9964 E+04	4.3813 E+02
1.3047 E+02	6.9091 E+02	1.1451 E+04	- 7.3471 E+04	8.4558 E+04	1.1975 E+04	- 3.4299 E+03	6.6113 E+03	5.0822 E+05	- 2.1505 E+02	4.9680 E+02	6.7037 E+00	- 1.6810 E+04	1.5971 E+04	3.6056 E+02
1.3047 E+02	6.3333 E+02	1.7342 E+04	- 7.3471 E+04	7.7511 E+04	2.2983 E+04	- 3.4299 E+03	6.1027 E+03	8.6217 E+05	- 2.1505 E+02	4.6132 E+02	5.1887 E+00	- 1.6810 E+04	1.1978 E+04	1.7512 E+03
1.3047 E+02	5.7576 E+02	3.8825 E+04	- 7.3471 E+04	7.0465 E+04	1.6940 E+04	- 3.4299 E+03	5.5941 E+03	1.2232 E+06	- 2.1505 E+02	4.2583 E+02	1.2988 E+00	- 1.6810 E+04	7.9857 E+03	9.0875 E+03
1.3047 E+02	5.1818 E+02	8.9139 E+04	- 7.3471 E+04	6.3418 E+04	3.9959 E+04	- 3.4299 E+03	5.0856 E+03	1.4013 E+06	- 2.1505 E+02	3.9034 E+02	5.5633 E+00	- 1.6810 E+04	3.9928 E+03	5.9256 E+04
1.3047 E+02	4.6060 E+02	2.3312 E+05	- 7.3471 E+04	5.6372 E+04	7.1398 E+04	- 3.4299 E+03	4.5770 E+03	1.6142 E+06	- 2.1505 E+02	3.5486 E+02	2.0304 E+01	- 1.6810 E+04	0.0000 E+00	8.3856 E+05
1.3047 E+02	4.0303 E+02	4.6718 E+05	- 7.3471 E+04	4.9325 E+04	1.6023 E+05	- 3.4299 E+03	4.0685 E+03	1.9242 E+06	- 2.1505 E+02	3.1937 E+02	1.2765 E+01	- 2.1281 E+04	1.4773 E+05	2.5000 E+00
1.3047 E+02	3.4545 E+02	8.7832 E+05	- 7.3471 E+04	4.2279 E+04	2.7427 E+05	- 3.4299 E+03	3.5599 E+03	2.0965 E+06	- 2.1505 E+02	2.8389 E+02	3.0141 E+01	- 2.1281 E+04	7.1871 E+04	2.0833 E+00
1.3047 E+02	2.8788 E+02	1.7733 E+06	- 7.3471 E+04	3.5232 E+04	6.5289 E+05	- 3.4299 E+03	3.0513 E+03	2.1675 E+06	- 2.1505 E+02	2.4840 E+02	2.2229 E+02	- 2.1281 E+04	6.7878 E+04	9.8480 E+00
1.3047 E+02	2.3030 E+02	3.1226 E+06	- 7.3471 E+04	2.8186 E+04	1.3306 E+06	- 3.4299 E+03	2.5428 E+03	1.9640 E+06	- 2.1505 E+02	2.1291 E+02	5.9361 E+01	- 2.1281 E+04	6.3885 E+04	4.0307 E+00
1.3047 E+02	1.7273 E+02	5.1999 E+06	- 7.3471 E+04	2.1139 E+04	2.3223 E+06	- 3.4299 E+03	2.0342 E+03	1.8712 E+06	- 2.1505 E+02	1.7743 E+02	4.2886 E+02	- 2.1281 E+04	5.9892 E+04	1.9085 E-01
1.3047 E+02	1.1515 E+02	7.2584 E+06	- 7.3471 E+04	1.4093 E+04	3.0924 E+06	- 3.4299 E+03	1.5257 E+03	1.8257 E+06	- 2.1505 E+02	1.4194 E+02	5.5492 E+02	- 2.1281 E+04	5.5900 E+04	6.7220 E-01
1.3047 E+02	5.7576 E+01	1.8244 E+07	- 7.3471 E+04	7.0465 E+03	2.8457 E+06	- 3.4299 E+03	1.0171 E+03	3.5113 E+06	- 2.1505 E+02	1.0646 E+02	3.9512 E+03	- 2.1281 E+04	5.1907 E+04	1.0160 E+01

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



DNV
 DNV Denmark A/S
 Tuborg Parkvej 8, 2.
 DK-2900 Hellerup
 VAT No. DK9632314

Class T05

Document:
 0138-8633 VER 00

Description:
 Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.3047 E+02	0.0000 E+00	4.1786 E+07	- 7.3471 E+04	0.0000 E+00	8.0406 E+06	- 3.4299 E+03	5.0856 E+02	7.4593 E+06	- 2.1505 E+02	7.0972 E+01	2.2659 E+04	- 2.1281 E+04	4.7914 E+04	1.6073 E+01
6.4777 E+01	2.7061 E+03	1.3521 E+00	- 8.1126 E+04	2.6777 E+05	1.3521 E+00	- 3.4299 E+03	0.0000 E+00	1.3551 E+07	- 2.1505 E+02	3.5486 E+01	7.5721 E+04	- 2.1281 E+04	4.3921 E+04	1.7025 E+01
6.4777 E+01	2.5909 E+03	1.3521 E+00	- 8.1126 E+04	2.4663 E+05	2.7042 E+00	- 4.0538 E+03	2.4411 E+04	3.6667 E-02	- 2.1505 E+02	0.0000 E+00	1.6424 E+05	- 2.1281 E+04	3.9928 E+04	1.8453 E+02
6.4777 E+01	2.4757 E+03	6.6167 E-01	- 8.1126 E+04	2.2549 E+05	1.3521 E+00	- 4.0538 E+03	2.2885 E+04	8.4860 E-02	- 2.5367 E+02	8.8714 E+02	2.4184 E-02	- 2.1281 E+04	3.5935 E+04	1.6604 E+01
6.4777 E+01	2.4182 E+03	1.3521 E+00	- 8.1126 E+04	2.1139 E+05	1.6672 E+01	- 4.0538 E+03	2.0851 E+04	2.6281 E+00	- 2.5367 E+02	4.9680 E+02	1.0557 E+00	- 2.1281 E+04	3.1943 E+04	1.9445 E+01
6.4777 E+01	2.3606 E+03	3.3292 E+00	- 8.1126 E+04	2.0435 E+05	2.0154 E+00	- 4.0538 E+03	2.0342 E+04	5.2785 E-01	- 2.5367 E+02	4.6132 E+02	1.2254 E+00	- 2.1281 E+04	2.7950 E+04	4.8118 E+01
6.4777 E+01	2.1879 E+03	1.3521 E+00	- 8.1126 E+04	1.9730 E+05	1.6956 E+01	- 4.0538 E+03	1.9834 E+04	4.0887 E-01	- 2.5367 E+02	3.9034 E+02	1.0102 E+01	- 2.1281 E+04	2.3957 E+04	5.3596 E+01
6.4777 E+01	2.1303 E+03	1.7500 E+00	- 8.1126 E+04	1.9025 E+05	4.9601 E+00	- 4.0538 E+03	1.9325 E+04	2.3394 E+00	- 2.5367 E+02	3.5486 E+02	1.6972 E-01	- 2.1281 E+04	1.9964 E+04	4.0857 E+01
6.4777 E+01	2.0727 E+03	2.3750 E+00	- 8.1126 E+04	1.8321 E+05	1.9901 E+01	- 4.0538 E+03	1.8817 E+04	6.2735 E-01	- 2.5367 E+02	3.1937 E+02	5.4414 E+00	- 2.1281 E+04	1.5971 E+04	2.1005 E+02
6.4777 E+01	2.0151 E+03	1.7500 E+00	- 8.1126 E+04	1.7616 E+05	4.3903 E+01	- 4.0538 E+03	1.8308 E+04	4.5226 E+00	- 2.5367 E+02	2.8389 E+02	5.6976 E+00	- 2.1281 E+04	1.1978 E+04	3.4365 E+02
6.4777 E+01	1.9576 E+03	3.6667 E-02	- 8.1126 E+04	1.6912 E+05	2.6712 E+01	- 4.0538 E+03	1.7800 E+04	1.4581 E+00	- 2.5367 E+02	2.4840 E+02	3.6229 E+01	- 2.1281 E+04	7.9857 E+03	4.3174 E+03
6.4777 E+01	1.7848 E+03	4.8758 E-02	- 8.1126 E+04	1.6207 E+05	1.1809 E+01	- 4.0538 E+03	1.7291 E+04	1.1341 E+00	- 2.5367 E+02	2.1291 E+02	1.9240 E+01	- 2.1281 E+04	3.9928 E+03	1.4111 E+04
6.4777 E+01	1.7273 E+03	1.2446 E-01	- 8.1126 E+04	1.5502 E+05	4.5574 E+02	- 4.0538 E+03	1.6782 E+04	8.4506 E+01	- 2.5367 E+02	1.7743 E+02	3.5222 E+01	- 2.1281 E+04	0.0000 E+00	3.5304 E+05
6.4777 E+01	1.6697 E+03	2.6100 E+00	- 8.1126 E+04	1.4798 E+05	3.6507 E+01	- 4.0538 E+03	1.6274 E+04	5.3345 E+00	- 2.5367 E+02	1.4194 E+02	4.0551 E+02	- 2.5752 E+04	6.3885 E+04	2.8072 E-02
6.4777 E+01	1.6121 E+03	3.6667 E-02	- 8.1126 E+04	1.4093 E+05	8.8432 E+01	- 4.0538 E+03	1.5765 E+04	5.0648 E+01	- 2.5367 E+02	1.0646 E+02	7.6311 E+02	- 2.5752 E+04	5.9892 E+04	1.6972 E-01
6.4777 E+01	1.5545 E+03	6.6167 E-01	- 8.1126 E+04	1.3388 E+05	1.2413 E+03	- 4.0538 E+03	1.5257 E+04	2.7948 E+01	- 2.5367 E+02	7.0972 E+01	3.0062 E+03	- 2.5752 E+04	5.5900 E+04	1.2092 E-02
6.4777 E+01	1.4970 E+03	5.6983 E+00	- 8.1126 E+04	1.2684 E+05	6.2308 E+03	- 4.0538 E+03	1.4748 E+04	6.6673 E+02	- 2.5367 E+02	3.5486 E+01	1.8342 E+04	- 2.5752 E+04	5.1907 E+04	7.3333 E-02
6.4777 E+01	1.4394 E+03	6.6167 E-01	- 8.1126 E+04	1.1979 E+05	1.3528 E+03	- 4.0538 E+03	1.4240 E+04	1.5649 E+02	- 2.5367 E+02	0.0000 E+00	5.3342 E+04	- 2.5752 E+04	4.7914 E+04	1.6972 E-01

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.4777 E+01	1.3818 E+03	7.2342 E+00	- 8.1126 E+04	1.1274 E+05	5.4130 E+03	- 4.0538 E+03	1.3731 E+04	4.9034 E+02	- 2.9230 E+02	6.7423 E+02	3.8881 E-03	- 2.5752 E+04	4.3921 E+04	6.4802 E-01
6.4777 E+01	1.3242 E+03	2.4047 E+01	- 8.1126 E+04	1.0570 E+05	4.2880 E+03	- 4.0538 E+03	1.3223 E+04	2.0829 E+02	- 2.9230 E+02	3.5486 E+02	1.2500 E+00	- 2.5752 E+04	3.9928 E+04	4.2246 E+00
6.4777 E+01	1.2667 E+03	4.6017 E+00	- 8.1126 E+04	9.8650 E+04	5.0977 E+03	- 4.0538 E+03	1.2714 E+04	1.7835 E+03	- 2.9230 E+02	3.1937 E+02	5.0000 E+00	- 2.5752 E+04	3.5935 E+04	8.9107 E-01
6.4777 E+01	1.2091 E+03	8.1507 E+00	- 8.1126 E+04	9.1604 E+04	2.3299 E+04	- 4.0538 E+03	1.2205 E+04	2.6710 E+03	- 2.9230 E+02	2.8389 E+02	7.3333 E-02	- 2.5752 E+04	3.1943 E+04	5.1597 E+00
6.4777 E+01	1.1515 E+03	9.4586 E+01	- 8.1126 E+04	8.4558 E+04	1.9499 E+04	- 4.0538 E+03	1.1697 E+04	1.4744 E+03	- 2.9230 E+02	2.4840 E+02	1.1361 E+01	- 2.5752 E+04	2.7950 E+04	3.2037 E+00
6.4777 E+01	1.0939 E+03	3.9185 E+01	- 8.1126 E+04	7.7511 E+04	3.6608 E+04	- 4.0538 E+03	1.1188 E+04	7.0054 E+03	- 2.9230 E+02	2.1291 E+02	1.7214 E+02	- 2.5752 E+04	2.3957 E+04	6.6501 E+00
6.4777 E+01	1.0364 E+03	2.1267 E+02	- 8.1126 E+04	7.0465 E+04	3.9317 E+04	- 4.0538 E+03	1.0680 E+04	1.3803 E+04	- 2.9230 E+02	1.7743 E+02	1.6523 E+01	- 2.5752 E+04	1.9964 E+04	1.9031 E+01
6.4777 E+01	9.7878 E+02	2.3466 E+01	- 8.1126 E+04	6.3418 E+04	7.0705 E+04	- 4.0538 E+03	1.0171 E+04	1.9850 E+04	- 2.9230 E+02	1.4194 E+02	2.1486 E+02	- 2.5752 E+04	1.5971 E+04	1.9243 E+02
6.4777 E+01	9.2121 E+02	7.5223 E+01	- 8.1126 E+04	5.6372 E+04	1.1400 E+05	- 4.0538 E+03	9.6626 E+03	1.5526 E+04	- 2.9230 E+02	1.0646 E+02	3.8232 E+01	- 2.5752 E+04	1.1978 E+04	4.0944 E+01
6.4777 E+01	8.6363 E+02	1.2685 E+02	- 8.1126 E+04	4.9325 E+04	1.9933 E+05	- 4.0538 E+03	9.1540 E+03	3.5318 E+04	- 2.9230 E+02	7.0972 E+01	2.0093 E+03	- 2.5752 E+04	7.9857 E+03	1.0001 E+03
6.4777 E+01	8.0606 E+02	1.9858 E+02	- 8.1126 E+04	4.2279 E+04	4.2108 E+05	- 4.0538 E+03	8.6455 E+03	4.2472 E+04	- 2.9230 E+02	3.5486 E+01	4.2356 E+03	- 2.5752 E+04	3.9928 E+03	8.2521 E+03
6.4777 E+01	7.4848 E+02	2.3059 E+03	- 8.1126 E+04	3.5232 E+04	7.0979 E+05	- 4.0538 E+03	8.1369 E+03	1.1434 E+05	- 2.9230 E+02	0.0000 E+00	1.0110 E+04	- 2.5752 E+04	0.0000 E+00	8.9141 E+04
6.4777 E+01	6.9091 E+02	6.2843 E+03	- 8.1126 E+04	2.8186 E+04	1.6204 E+06	- 4.0538 E+03	7.6284 E+03	1.1031 E+05	- 3.3092 E+02	2.4840 E+02	1.5000 E+01	- 3.0223 E+04	6.3885 E+04	1.6972 E-01
6.4777 E+01	6.3333 E+02	1.1726 E+04	- 8.1126 E+04	2.1139 E+04	2.2361 E+06	- 4.0538 E+03	7.1198 E+03	1.6414 E+05	- 3.3092 E+02	2.1291 E+02	1.0106 E+01	- 3.0223 E+04	3.1943 E+04	4.3701 E+00
6.4777 E+01	5.7576 E+02	3.4195 E+04	- 8.1126 E+04	1.4093 E+04	2.9633 E+06	- 4.0538 E+03	6.6113 E+03	2.4149 E+05	- 3.3092 E+02	1.7743 E+02	9.8187 E+01	- 3.0223 E+04	2.7950 E+04	2.6665 E+00
6.4777 E+01	5.1818 E+02	7.0108 E+04	- 8.1126 E+04	7.0465 E+03	2.9655 E+06	- 4.0538 E+03	6.1027 E+03	3.3958 E+05	- 3.3092 E+02	1.4194 E+02	3.4345 E+02	- 3.0223 E+04	2.3957 E+04	1.6783 E+01
6.4777 E+01	4.6060 E+02	1.2589 E+05	- 8.1126 E+04	0.0000 E+00	6.8513 E+06	- 4.0538 E+03	5.5941 E+03	4.5984 E+05	- 3.3092 E+02	1.0646 E+02	1.1460 E+01	- 3.0223 E+04	1.9964 E+04	7.7672 E+00
6.4777 E+01	4.0303 E+02	3.0886 E+05	- 8.8782 E+04	1.9730 E+05	1.8541 E+01	- 4.0538 E+03	5.0856 E+03	7.1286 E+05	- 3.3092 E+02	7.0972 E+01	3.1317 E+01	- 3.0223 E+04	1.5971 E+04	1.9985 E+01

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.4777 E+01	3.4545 E+02	8.1061 E+05	- 8.8782 E+04	1.9025 E+05	2.2318 E+00	- 4.0538 E+03	4.5770 E+03	1.0811 E+06	- 3.3092 E+02	3.5486 E+01	7.9699 E+02	- 3.0223 E+04	1.1978 E+04	1.9963 E+00
6.4777 E+01	2.8788 E+02	9.9574 E+05	- 8.8782 E+04	1.7616 E+05	8.5215 E+00	- 4.0538 E+03	4.0685 E+03	1.2355 E+06	- 3.3092 E+02	0.0000 E+00	3.3693 E+03	- 3.0223 E+04	7.9857 E+03	5.9672 E+02
6.4777 E+01	2.3030 E+02	1.6417 E+06	- 8.8782 E+04	1.6912 E+05	4.4052 E+02	- 4.0538 E+03	3.5599 E+03	1.3231 E+06	- 3.6954 E+02	2.4840 E+02	5.0000 E+00	- 3.0223 E+04	3.9928 E+03	3.7006 E+03
6.4777 E+01	1.7273 E+02	1.8850 E+06	- 8.8782 E+04	1.6207 E+05	2.3167 E+00	- 4.0538 E+03	3.0513 E+03	1.6437 E+06	- 3.6954 E+02	2.1291 E+02	6.2539 E+00	- 3.0223 E+04	0.0000 E+00	1.4932 E+04
6.4777 E+01	1.1515 E+02	2.7521 E+06	- 8.8782 E+04	1.5502 E+05	3.2401 E-01	- 4.0538 E+03	2.5428 E+03	1.3063 E+06	- 3.6954 E+02	1.7743 E+02	6.2500 E+00	- 3.4694 E+04	3.5935 E+04	5.0000 E+00
6.4777 E+01	5.7576 E+01	7.2573 E+06	- 8.8782 E+04	1.4798 E+05	7.3685 E+01	- 4.0538 E+03	2.0342 E+03	1.3324 E+06	- 3.6954 E+02	1.4194 E+02	6.9043 E+00	- 3.4694 E+04	2.7950 E+04	5.1697 E+00
6.4777 E+01	0.0000 E+00	2.0754 E+07	- 8.8782 E+04	1.4093 E+05	3.9398 E+01	- 4.0538 E+03	1.5257 E+03	1.3580 E+06	- 3.6954 E+02	1.0646 E+02	2.5039 E+00	- 3.4694 E+04	2.3957 E+04	1.6569 E+00
- 9.1581 E-01	2.7061 E+03	1.3521 E+00	- 8.8782 E+04	1.3388 E+05	2.1365 E+02	- 4.0538 E+03	1.0171 E+03	2.2469 E+06	- 3.6954 E+02	7.0972 E+01	1.5176 E+01	- 3.4694 E+04	1.9964 E+04	7.4080 E+00
- 9.1581 E-01	2.6485 E+03	1.3521 E+00	- 8.8782 E+04	1.2684 E+05	1.9102 E+03	- 4.0538 E+03	5.0856 E+02	5.5112 E+06	- 3.6954 E+02	3.5486 E+01	3.0786 E+02	- 3.4694 E+04	1.5971 E+04	1.0569 E+01
- 9.1581 E-01	2.5333 E+03	1.3521 E+00	- 8.8782 E+04	1.1979 E+05	2.4837 E+03	- 4.0538 E+03	0.0000 E+00	1.0957 E+07	- 3.6954 E+02	0.0000 E+00	2.5763 E+03	- 3.4694 E+04	1.1978 E+04	7.6830 E+00
- 9.1581 E-01	2.3606 E+03	1.3521 E+00	- 8.8782 E+04	1.1274 E+05	4.5461 E+03	- 4.6777 E+03	1.9325 E+04	5.2785 E-01	- 4.0817 E+02	3.9034 E+02	5.0000 E+00	- 3.4694 E+04	7.9857 E+03	6.5433 E+01
- 9.1581 E-01	2.1303 E+03	1.7500 E+00	- 8.8782 E+04	1.0570 E+05	1.1375 E+04	- 4.6777 E+03	1.8817 E+04	2.0154 E+00	- 4.0817 E+02	2.4840 E+02	5.0000 E+00	- 3.4694 E+04	3.9928 E+03	1.2626 E+03
- 9.1581 E-01	1.9576 E+03	3.6667 E-02	- 8.8782 E+04	9.8650 E+04	1.2670 E+04	- 4.6777 E+03	1.8308 E+04	2.0154 E+00	- 4.0817 E+02	2.1291 E+02	5.0000 E+00	- 3.4694 E+04	0.0000 E+00	3.0145 E+03
- 9.1581 E-01	1.7273 E+03	3.6667 E-02	- 8.8782 E+04	9.1604 E+04	6.8588 E+03	- 4.6777 E+03	1.7800 E+04	7.4725 E+00	- 4.0817 E+02	1.4194 E+02	5.0000 E+00	- 3.9165 E+04	2.3957 E+04	5.0000 E+00
- 9.1581 E-01	1.6697 E+03	3.6667 E-02	- 8.8782 E+04	8.4558 E+04	1.9949 E+04	- 4.6777 E+03	1.7291 E+04	3.6667 E-02	- 4.0817 E+02	1.0646 E+02	5.1708 E+00	- 3.9165 E+04	1.9964 E+04	1.6972 E-01
- 9.1581 E-01	1.6121 E+03	1.4399 E+00	- 8.8782 E+04	7.7511 E+04	2.3840 E+04	- 4.6777 E+03	1.6782 E+04	8.5186 E-01	- 4.0817 E+02	7.0972 E+01	8.3333 E+00	- 3.9165 E+04	1.5971 E+04	1.1290 E+00
- 9.1581 E-01	1.5545 E+03	1.9440 E-03	- 8.8782 E+04	7.0465 E+04	5.2072 E+04	- 4.6777 E+03	1.6274 E+04	4.0720 E+00	- 4.0817 E+02	3.5486 E+01	5.0163 E+01	- 3.9165 E+04	1.1978 E+04	5.2200 E+00
- 9.1581 E-01	1.4970 E+03	2.7409 E+00	- 8.8782 E+04	6.3418 E+04	8.3104 E+04	- 4.6777 E+03	1.5765 E+04	2.4127 E+00	- 4.0817 E+02	0.0000 E+00	2.0192 E+03	- 3.9165 E+04	7.9857 E+03	3.3870 E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Document:
 0138-8633 VER 00

Description:
 Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 9.1581 E-01	1.4394 E+03	1.8233 E+00	- 8.8782 E+04	5.6372 E+04	1.4580 E+05	- 4.6777 E+03	1.5257 E+04	5.0228 E+00	- 4.4679 E+02	2.4840 E+02	1.2500 E+00	- 3.9165 E+04	3.9928 E+03	2.7389 E+02
- 9.1581 E-01	1.3818 E+03	1.3893 E-01	- 8.8782 E+04	4.9325 E+04	2.8699 E+05	- 4.6777 E+03	1.4748 E+04	6.4337 E+02	- 4.4679 E+02	2.1291 E+02	5.0000 E+00	- 3.9165 E+04	0.0000 E+00	4.3105 E+03
- 9.1581 E-01	1.3242 E+03	8.4799 E+01	- 8.8782 E+04	4.2279 E+04	5.5698 E+05	- 4.6777 E+03	1.4240 E+04	1.6894 E+02	- 4.4679 E+02	1.7743 E+02	5.0000 E+00	- 4.3636 E+04	4.3921 E+04	2.4184 E-02
- 9.1581 E-01	1.2667 E+03	1.3129 E+01	- 8.8782 E+04	3.5232 E+04	1.1164 E+06	- 4.6777 E+03	1.3731 E+04	7.7167 E-01	- 4.4679 E+02	1.0646 E+02	5.0000 E+00	- 4.3636 E+04	3.1943 E+04	3.8881 E-03
- 9.1581 E-01	1.2091 E+03	5.7717 E+00	- 8.8782 E+04	2.8186 E+04	1.7987 E+06	- 4.6777 E+03	1.3223 E+04	6.8759 E+02	- 4.4679 E+02	7.0972 E+01	1.5000 E+01	- 4.3636 E+04	2.3957 E+04	1.2092 E-02
- 9.1581 E-01	1.1515 E+03	1.0422 E+01	- 8.8782 E+04	2.1139 E+04	3.0230 E+06	- 4.6777 E+03	1.2714 E+04	1.3228 E+01	- 4.4679 E+02	3.5486 E+01	8.0280 E+01	- 4.3636 E+04	1.1978 E+04	7.3333 E-02
- 9.1581 E-01	1.0939 E+03	4.1354 E+01	- 8.8782 E+04	1.4093 E+04	3.3030 E+06	- 4.6777 E+03	1.2205 E+04	2.4786 E+01	- 4.4679 E+02	0.0000 E+00	6.0440 E+02	- 4.3636 E+04	7.9857 E+03	2.4184 E-02
- 9.1581 E-01	1.0364 E+03	9.2358 E+01	- 8.8782 E+04	7.0465 E+03	2.8383 E+06	- 4.6777 E+03	1.1697 E+04	1.9294 E+03	- 4.8542 E+02	2.8389 E+02	5.0000 E+00	- 4.3636 E+04	3.9928 E+03	3.9390 E+02
- 9.1581 E-01	9.7878 E+02	3.7016 E+01	- 8.8782 E+04	0.0000 E+00	6.9717 E+06	- 4.6777 E+03	1.1188 E+04	4.0003 E+03	- 4.8542 E+02	1.0646 E+02	5.0000 E+00	- 4.3636 E+04	0.0000 E+00	3.9683 E+03
- 9.1581 E-01	9.2121 E+02	8.8038 E+01	- 9.6437 E+04	1.6207 E+05	7.1485 E+00	- 4.6777 E+03	1.0680 E+04	4.1739 E+03	- 4.8542 E+02	3.5486 E+01	7.3640 E+00	- 4.8107 E+04	7.9857 E+03	5.1061 E+00
- 9.1581 E-01	8.6363 E+02	3.7694 E+01	- 9.6437 E+04	1.4798 E+05	3.6667 E-02	- 4.6777 E+03	1.0171 E+04	2.8285 E+03	- 4.8542 E+02	0.0000 E+00	6.7845 E+01	- 4.8107 E+04	3.9928 E+03	2.8566 E+01
- 9.1581 E-01	8.0606 E+02	2.7139 E+03	- 9.6437 E+04	1.4093 E+05	1.7093 E+03	- 4.6777 E+03	9.6626 E+03	5.8258 E+03	- 5.2404 E+02	3.1937 E+02	5.0000 E+00	- 4.8107 E+04	0.0000 E+00	2.8249 E+03
- 9.1581 E-01	7.4848 E+02	1.9993 E+03	- 9.6437 E+04	1.3388 E+05	5.6872 E+02	- 4.6777 E+03	9.1540 E+03	2.6033 E+04	- 5.2404 E+02	1.7743 E+02	1.2500 E+00	- 5.2578 E+04	1.1978 E+04	5.0000 E+00
- 9.1581 E-01	6.9091 E+02	7.7728 E+03	- 9.6437 E+04	1.2684 E+05	2.5918 E+02	- 4.6777 E+03	8.6455 E+03	1.9777 E+04	- 5.2404 E+02	7.0972 E+01	5.0000 E+00	- 5.2578 E+04	3.9928 E+03	1.8652 E+02
- 9.1581 E-01	6.3333 E+02	1.8027 E+04	- 9.6437 E+04	1.1979 E+05	8.0445 E+02	- 4.6777 E+03	8.1369 E+03	2.3374 E+04	- 5.2404 E+02	0.0000 E+00	4.2065 E+01	- 5.2578 E+04	0.0000 E+00	7.1076 E+02
- 9.1581 E-01	5.7576 E+02	2.6408 E+04	- 9.6437 E+04	1.1274 E+05	7.0263 E+02	- 4.6777 E+03	7.6284 E+03	3.4757 E+04	- 5.6266 E+02	3.5486 E+01	6.2254 E+00	- 5.7049 E+04	7.9857 E+03	8.3335 E-02
- 9.1581 E-01	5.1818 E+02	3.8647 E+04	- 9.6437 E+04	1.0570 E+05	2.3456 E+03	- 4.6777 E+03	7.1198 E+03	6.0238 E+04	- 5.6266 E+02	0.0000 E+00	1.4014 E+01	- 5.7049 E+04	3.9928 E+03	1.2328 E+01
- 9.1581 E-01	4.6060 E+02	7.4979 E+04	- 9.6437 E+04	9.8650 E+04	7.3200 E+03	- 4.6777 E+03	6.6113 E+03	7.5907 E+04	- 6.0129 E+02	7.0972 E+01	5.5203 E-01	- 5.7049 E+04	0.0000 E+00	3.0273 E+01

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 9.1581 E-01	4.0303 E+02	1.3499 E+05	- 9.6437 E+04	9.1604 E+04	1.5821 E+04	- 4.6777 E+03	6.1027 E+03	1.1409 E+05	- 6.0129 E+02	0.0000 E+00	5.4258 E+00	- 6.1520 E+04	3.9928 E+03	2.0004 E+01
- 9.1581 E-01	3.4545 E+02	2.9694 E+05	- 9.6437 E+04	8.4558 E+04	1.8868 E+04	- 4.6777 E+03	5.5941 E+03	1.2335 E+05	- 6.3991 E+02	0.0000 E+00	2.9291 E+00	- 6.1520 E+04	0.0000 E+00	2.1313 E+02
- 9.1581 E-01	2.8788 E+02	3.5992 E+05	- 9.6437 E+04	7.7511 E+04	3.6906 E+04	- 4.6777 E+03	5.0856 E+03	1.5832 E+05	- 6.7853 E+02	3.5486 E+01	3.8881 E-03	- 6.5991 E+04	3.9928 E+03	3.3460 E+02
- 9.1581 E-01	2.3030 E+02	6.3058 E+05	- 9.6437 E+04	7.0465 E+04	5.3196 E+04	- 4.6777 E+03	4.5770 E+03	2.5639 E+05				- 6.5991 E+04	0.0000 E+00	2.6352 E+01
- 9.1581 E-01	1.7273 E+02	1.3259 E+06	- 9.6437 E+04	6.3418 E+04	1.0799 E+05	- 4.6777 E+03	4.0685 E+03	3.5014 E+05				- 7.0462 E+04	3.9928 E+03	1.2500 E+00
- 9.1581 E-01	1.1515 E+02	3.6930 E+06	- 9.6437 E+04	5.6372 E+04	2.7778 E+05	- 4.6777 E+03	3.5599 E+03	4.0609 E+05				- 7.0462 E+04	0.0000 E+00	2.1250 E+01
- 9.1581 E-01	5.7576 E+01	1.0328 E+07	- 9.6437 E+04	4.9325 E+04	3.9955 E+05	- 4.6777 E+03	3.0513 E+03	5.8512 E+05				- 7.4933 E+04	3.9928 E+03	2.5000 E+00
- 9.1581 E-01	0.0000 E+00	3.1659 E+07	- 9.6437 E+04	4.2279 E+04	8.5761 E+05	- 4.6777 E+03	2.5428 E+03	5.5081 E+05				- 7.4933 E+04	0.0000 E+00	5.0000 E+00
- 6.6609 E+01	2.6485 E+03	1.3521 E+00	- 9.6437 E+04	3.5232 E+04	1.6080 E+06	- 4.6777 E+03	2.0342 E+03	6.2172 E+05				- 7.9404 E+04	0.0000 E+00	5.0000 E+00
- 6.6609 E+01	2.2454 E+03	3.6667 E-02	- 9.6437 E+04	2.8186 E+04	2.6717 E+06	- 4.6777 E+03	1.5257 E+03	6.0892 E+05						
- 6.6609 E+01	1.6697 E+03	1.3521 E+00	- 9.6437 E+04	2.1139 E+04	3.3332 E+06	- 4.6777 E+03	1.0171 E+03	1.5972 E+06						
- 6.6609 E+01	1.6121 E+03	8.7428 E+00	- 9.6437 E+04	1.4093 E+04	3.6557 E+06	- 4.6777 E+03	5.0856 E+02	3.7056 E+06						
- 6.6609 E+01	1.4970 E+03	4.9729 E-01	- 9.6437 E+04	7.0465 E+03	3.3100 E+06	- 4.6777 E+03	0.0000 E+00	7.1566 E+06						
- 6.6609 E+01	1.4394 E+03	6.2500 E-01	- 9.6437 E+04	0.0000 E+00	8.8443 E+06	- 5.3016 E+03	1.8817 E+04	5.2785 E-01						
- 6.6609 E+01	1.3818 E+03	4.9771 E+00	- 1.0409 E+05	1.6912 E+05	2.2318 E+00	- 5.3016 E+03	1.8308 E+04	1.2153 E-01						
- 6.6609 E+01	1.3242 E+03	1.3521 E+00	- 1.0409 E+05	1.5502 E+05	4.4052 E+02	- 5.3016 E+03	1.7800 E+04	8.4860 E-02						
- 6.6609 E+01	1.2667 E+03	2.6870 E+01	- 1.0409 E+05	1.4798 E+05	8.9671 E+02	- 5.3016 E+03	1.6274 E+04	1.1341 E+00						
- 6.6609 E+01	1.2091 E+03	5.4163 E+00	- 1.0409 E+05	1.4093 E+05	4.5482 E+02	- 5.3016 E+03	1.5765 E+04	1.0215 E+01						

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	6.6609	1.1515	-	1.3388	-	1.4748	-	1.1000						
E+01	E+03	E+00	E+05	E+05	E+03	E+04	E+03	E-01						
-	6.6609	1.0939	-	1.2684	-	1.4240	-	7.0535						
E+01	E+03	E+01	E+05	E+05	E+02	E+04	E+03	E+00						
-	6.6609	1.0364	-	1.1979	-	1.3731	-	3.6667						
E+01	E+03	E+01	E+05	E+05	E+04	E+04	E+03	E-02						
-	6.6609	9.7878	-	1.1274	-	1.3223	-	1.6935						
E+01	E+02	E+01	E+05	E+05	E+03	E+04	E+03	E+02						
-	6.6609	9.2121	-	1.0570	-	1.2714	-	4.0674						
E+01	E+02	E+02	E+05	E+05	E+03	E+04	E+03	E+00						
-	6.6609	8.6363	-	9.8650	-	1.2205	-	2.9737						
E+01	E+02	E+01	E+05	E+04	E+03	E+04	E+03	E+02						
-	6.6609	8.0606	-	9.1604	-	1.1697	-	8.6338						
E+01	E+02	E+01	E+05	E+04	E+03	E+04	E+03	E+01						
-	6.6609	7.4848	-	8.4558	-	1.1188	-	1.2130						
E+01	E+02	E+03	E+05	E+04	E+04	E+04	E+03	E+03						
-	6.6609	6.9091	-	7.7511	-	1.0680	-	1.0768						
E+01	E+02	E+03	E+05	E+04	E+04	E+04	E+03	E+03						
-	6.6609	6.3333	-	7.0465	-	1.0171	-	1.0365						
E+01	E+02	E+03	E+05	E+04	E+04	E+04	E+03	E+03						
-	6.6609	5.7576	-	6.3418	-	9.6626	-	5.3574						
E+01	E+02	E+03	E+05	E+04	E+05	E+03	E+03	E+03						
-	6.6609	5.1818	-	5.6372	-	9.1540	-	2.7479						
E+01	E+02	E+03	E+05	E+04	E+05	E+03	E+03	E+03						
-	6.6609	4.6060	-	4.9325	-	8.6455	-	7.6929						
E+01	E+02	E+04	E+05	E+04	E+05	E+03	E+03	E+03						
-	6.6609	4.0303	-	4.2279	-	8.1369	-	1.1131						
E+01	E+02	E+04	E+05	E+04	E+05	E+03	E+03	E+04						
-	6.6609	3.4545	-	3.5232	-	7.6284	-	1.2037						
E+01	E+02	E+04	E+05	E+04	E+06	E+03	E+03	E+04						
-	6.6609	2.8788	-	2.8186	-	7.1198	-	1.8561						
E+01	E+02	E+04	E+05	E+04	E+06	E+03	E+03	E+04						
-	6.6609	2.3030	-	2.1139	-	6.6113	-	2.6394						
E+01	E+02	E+04	E+05	E+04	E+06	E+03	E+03	E+04						
-	6.6609	1.7273	-	1.4093	-	6.1027	-	2.9595						
E+01	E+02	E+04	E+05	E+04	E+06	E+03	E+03	E+04						

Original Instruction: T05 0138-8633 VER 00
2023-08-29 by W&S RIE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 6.6609 E+01	1.1515 E+02	1.9393 E+05	- 1.0409 E+05	7.0465 E+03	4.0927 E+06	- 5.3016 E+03	5.5941 E+03	3.8718 E+04						
- 6.6609 E+01	5.7576 E+01	9.4246 E+05	- 1.0409 E+05	0.0000 E+00	1.2058 E+07	- 5.3016 E+03	5.0856 E+03	4.1469 E+04						
- 6.6609 E+01	0.0000 E+00	4.9007 E+06	- 1.1175 E+05	1.5502 E+05	4.4052 E+02	- 5.3016 E+03	4.5770 E+03	5.0830 E+04						
- 1.3230 E+02	2.0727 E+03	3.6667 E-02	- 1.1175 E+05	1.4798 E+05	9.7142 E+02	- 5.3016 E+03	4.0685 E+03	6.8326 E+04						
- 1.3230 E+02	2.0151 E+03	6.2500 E-01	- 1.1175 E+05	1.4093 E+05	3.8943 E+03	- 5.3016 E+03	3.5599 E+03	7.5539 E+04						
- 1.3230 E+02	1.6697 E+03	1.7500 E+00	- 1.1175 E+05	1.3388 E+05	5.6591 E+03	- 5.3016 E+03	3.0513 E+03	7.6027 E+04						
- 1.3230 E+02	1.6121 E+03	6.2500 E-01	- 1.1175 E+05	1.2684 E+05	5.1274 E+03	- 5.3016 E+03	2.5428 E+03	1.1177 E+05						
- 1.3230 E+02	1.5545 E+03	3.6667 E-02	- 1.1175 E+05	1.1979 E+05	1.2222 E+04	- 5.3016 E+03	2.0342 E+03	1.2523 E+05						
- 1.3230 E+02	1.4970 E+03	2.3750 E+00	- 1.1175 E+05	1.1274 E+05	8.9534 E+03	- 5.3016 E+03	1.5257 E+03	2.0881 E+05						
- 1.3230 E+02	1.4394 E+03	1.3888 E+00	- 1.1175 E+05	1.0570 E+05	1.0154 E+04	- 5.3016 E+03	1.0171 E+03	5.4711 E+05						
- 1.3230 E+02	1.3818 E+03	2.3750 E+00	- 1.1175 E+05	9.8650 E+04	1.5241 E+04	- 5.3016 E+03	5.0856 E+02	1.8033 E+06						
- 1.3230 E+02	1.3242 E+03	2.7042 E+00	- 1.1175 E+05	9.1604 E+04	2.6853 E+04	- 5.3016 E+03	0.0000 E+00	3.6348 E+06						
- 1.3230 E+02	1.2667 E+03	6.4313 E+00	- 1.1175 E+05	8.4558 E+04	2.0586 E+04	- 5.9255 E+03	1.9834 E+04	3.6667 E-02						
- 1.3230 E+02	1.2091 E+03	1.9771 E+00	- 1.1175 E+05	7.7511 E+04	3.5519 E+04	- 5.9255 E+03	1.8817 E+04	8.4860 E-02						
- 1.3230 E+02	1.1515 E+03	1.2915 E+01	- 1.1175 E+05	7.0465 E+04	3.6864 E+04	- 5.9255 E+03	1.8308 E+04	5.2785 E-01						
- 1.3230 E+02	1.0939 E+03	1.5019 E+01	- 1.1175 E+05	6.3418 E+04	9.6003 E+04	- 5.9255 E+03	1.6782 E+04	3.6667 E-02						
- 1.3230 E+02	1.0364 E+03	1.8420 E+01	- 1.1175 E+05	5.6372 E+04	1.8781 E+05	- 5.9255 E+03	1.6274 E+04	6.7613 E-01						
- 1.3230 E+02	9.7878 E+02	2.0340 E+01	- 1.1175 E+05	4.9325 E+04	3.3991 E+05	- 5.9255 E+03	1.5765 E+04	4.6062 E-01						

Original Instruction: T05 0138-8633 VER 00
 4426-7700-00-00-01-0 - Jaberster@dnv.com - Yvonne Förster
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBSRRE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.3230	9.2121	-	1.1175	4.2279	-	1.5257	1.0977						
E+02	E+02	3.0855	E+05	E+04	6.4655	E+03	E+04	E+00						
-	1.3230	8.6363	-	1.1175	3.5232	-	1.4748	3.6667						
E+02	E+02	5.8563	E+05	E+04	1.3271	E+03	E+04	E-02						
-	1.3230	8.0606	-	1.1175	2.8186	-	1.3731	1.0417						
E+02	E+02	5.3431	E+05	E+04	2.1736	E+03	E+04	E+00						
-	1.3230	7.4848	-	1.1175	2.1139	-	1.2714	1.0657						
E+02	E+02	7.6208	E+05	E+04	3.3492	E+03	E+04	E+02						
-	1.3230	6.9091	-	1.1175	1.4093	-	1.1697	2.4471						
E+02	E+02	8.8195	E+05	E+04	3.7681	E+03	E+04	E+01						
-	1.3230	6.3333	-	1.1175	7.0465	-	1.1188	2.1313						
E+02	E+02	6.5329	E+05	E+03	5.0175	E+03	E+04	E+02						
-	1.3230	5.7576	-	1.1175	0.0000	-	1.0680	1.0396						
E+02	E+02	1.9024	E+05	E+00	1.5911	E+03	E+04	E+02						
-	1.3230	5.1818	-	1.1940	1.5502	-	1.0171	3.2205						
E+02	E+02	3.1385	E+05	E+05	4.9539	E+03	E+04	E+02						
-	1.3230	4.6060	-	1.1940	1.4798	-	9.6626	8.9613						
E+02	E+02	3.1368	E+05	E+05	3.0592	E+03	E+03	E+02						
-	1.3230	4.0303	-	1.1940	1.4093	-	9.1540	1.1772						
E+02	E+02	3.5914	E+05	E+05	1.4651	E+03	E+03	E+03						
-	1.3230	3.4545	-	1.1940	1.3388	-	8.6455	2.5452						
E+02	E+02	6.6232	E+05	E+05	1.9749	E+03	E+03	E+03						
-	1.3230	2.8788	-	1.1940	1.2684	-	8.1369	6.7281						
E+02	E+02	4.2724	E+05	E+05	2.5696	E+03	E+03	E+02						
-	1.3230	2.3030	-	1.1940	1.1979	-	7.6284	3.4964						
E+02	E+02	9.4212	E+05	E+05	1.1715	E+03	E+03	E+03						
-	1.3230	1.7273	-	1.1940	1.1274	-	7.1198	2.9297						
E+02	E+02	1.4768	E+05	E+05	2.2849	E+03	E+03	E+03						
-	1.3230	1.1515	-	1.1940	1.0570	-	6.6113	4.5314						
E+02	E+02	4.2213	E+05	E+05	3.1839	E+03	E+03	E+03						
-	1.3230	5.7576	-	1.1940	9.8650	-	6.1027	8.7562						
E+02	E+01	1.8025	E+05	E+05	1.6774	E+03	E+03	E+03						
-	1.3230	0.0000	-	1.1940	9.1604	-	5.5941	9.4047						
E+02	E+00	8.7445	E+05	E+05	2.1584	E+03	E+03	E+03						
-	1.9799	1.9000	-	1.1940	8.4558	-	5.0856	1.0934						
E+02	E+03	7.3333	E+05	E+05	1.5432	E+03	E+03	E+04						

Original Instruction: T05 0138-8633 VER 00
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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.8424	1.3521	-	7.7511	4.5296	-	4.5770	1.8408						
1.9799	E+03	E+00	1.1940	E+04	E+04	5.9255	E+03	E+04						
E+02			E+05			E+03								
-	1.6121	6.2500	-	7.0465	8.7221	-	4.0685	1.0078						
1.9799	E+03	E-01	1.1940	E+04	E+04	5.9255	E+03	E+04						
E+02			E+05			E+03								
-	1.5545	1.7500	-	6.3418	9.8953	-	3.5599	9.3440						
1.9799	E+03	E+00	1.1940	E+04	E+04	5.9255	E+03	E+03						
E+02			E+05			E+03								
-	1.4970	1.3521	-	5.6372	1.8542	-	3.0513	1.1978						
1.9799	E+03	E+00	1.1940	E+04	E+05	5.9255	E+03	E+04						
E+02			E+05			E+03								
-	1.4394	6.2775	-	4.9325	3.0449	-	2.5428	1.5065						
1.9799	E+03	E+00	1.1940	E+04	E+05	5.9255	E+03	E+04						
E+02			E+05			E+03								
-	1.3818	3.5000	-	4.2279	6.7172	-	2.0342	3.2506						
1.9799	E+03	E+00	1.1940	E+04	E+05	5.9255	E+03	E+04						
E+02			E+05			E+03								
-	1.3242	9.1355	-	3.5232	1.3278	-	1.5257	3.7246						
1.9799	E+03	E+00	1.1940	E+04	E+06	5.9255	E+03	E+04						
E+02			E+05			E+03								
-	1.2667	1.7500	-	2.8186	2.4263	-	1.0171	1.3775						
1.9799	E+03	E+00	1.1940	E+04	E+06	5.9255	E+03	E+05						
E+02			E+05			E+03								
-	1.2091	1.0329	-	2.1139	3.5407	-	5.0856	6.1069						
1.9799	E+03	E+01	1.1940	E+04	E+06	5.9255	E+03	E+05						
E+02			E+05			E+03								
-	1.1515	6.1021	-	1.4093	4.2980	-	0.0000	1.6431						
1.9799	E+03	E+00	1.1940	E+04	E+06	5.9255	E+03	E+06						
E+02			E+05			E+03								
-	1.0939	4.0563	-	7.0465	6.0233	-	2.0342	3.6667						
1.9799	E+03	E+00	1.1940	E+03	E+06	6.5494	E+04	E-02						
E+02			E+05			E+03								
-	1.0364	1.1454	-	0.0000	1.9789	-	1.3223	5.4590						
1.9799	E+03	E+01	1.1940	E+00	E+07	6.5494	E+04	E+01						
E+02			E+05			E+03								
-	9.7878	1.2806	-	1.4798	1.5296	-	1.1697	1.4297						
1.9799	E+02	E+01	1.2706	E+05	E+02	6.5494	E+04	E+01						
E+02			E+05			E+03								
-	9.2121	1.8323	-	1.4093	5.6000	-	1.1188	4.4244						
1.9799	E+02	E+01	1.2706	E+05	E+02	6.5494	E+04	E+01						
E+02			E+05			E+03								
-	8.6363	2.1000	-	1.3388	2.1313	-	1.0680	1.5354						
1.9799	E+02	E+01	1.2706	E+05	E+02	6.5494	E+04	E+02						
E+02			E+05			E+03								
-	8.0606	3.3395	-	1.2684	2.9897	-	1.0171	8.5215						
1.9799	E+02	E+01	1.2706	E+05	E+03	6.5494	E+04	E+00						
E+02			E+05			E+03								
-	7.4848	5.8345	-	1.1979	8.3723	-	9.6626	2.9654						
1.9799	E+02	E+01	1.2706	E+05	E+03	6.5494	E+03	E+01						
E+02			E+05			E+03								
-	6.9091	5.1892	-	1.1274	1.7561	-	9.1540	1.0648						
1.9799	E+02	E+01	1.2706	E+05	E+04	6.5494	E+03	E+03						
E+02			E+05			E+03								

Original Instruction: T05 0138-8633 VER 00
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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	6.3333	3.9967	-	1.0570	2.2896	-	8.6455	3.6526						
1.9799	E+02	E+01	1.2706	E+05	E+04	6.5494	E+03	E+00						
E+02			E+05			E+03								
-	5.7576	7.6709	-	9.8650	2.0352	-	8.1369	4.9833						
1.9799	E+02	E+01	1.2706	E+05	E+04	6.5494	E+03	E+02						
E+02			E+05			E+03								
-	5.1818	8.7404	-	9.1604	2.6232	-	7.6284	2.1221						
1.9799	E+02	E+01	1.2706	E+05	E+04	6.5494	E+03	E+03						
E+02			E+05			E+03								
-	4.6060	9.2074	-	8.4558	4.2624	-	7.1198	4.8354						
1.9799	E+02	E+01	1.2706	E+05	E+04	6.5494	E+03	E+02						
E+02			E+05			E+03								
-	4.0303	9.3641	-	7.7511	7.4132	-	6.6113	4.7472						
1.9799	E+02	E+01	1.2706	E+05	E+04	6.5494	E+03	E+03						
E+02			E+05			E+03								
-	3.4545	1.6244	-	7.0465	9.1242	-	6.1027	7.4881						
1.9799	E+02	E+02	1.2706	E+05	E+04	6.5494	E+03	E+02						
E+02			E+05			E+03								
-	2.8788	1.7943	-	6.3418	1.2986	-	5.5941	4.4992						
1.9799	E+02	E+02	1.2706	E+05	E+05	6.5494	E+03	E+03						
E+02			E+05			E+03								
-	2.3030	3.0007	-	5.6372	1.5896	-	5.0856	2.3337						
1.9799	E+02	E+02	1.2706	E+05	E+05	6.5494	E+03	E+03						
E+02			E+05			E+03								
-	1.7273	3.5200	-	4.9325	3.0257	-	4.5770	6.1313						
1.9799	E+02	E+02	1.2706	E+05	E+05	6.5494	E+03	E+03						
E+02			E+05			E+03								
-	1.1515	5.5151	-	4.2279	6.4866	-	4.0685	7.7340						
1.9799	E+02	E+03	1.2706	E+05	E+05	6.5494	E+03	E+03						
E+02			E+05			E+03								
-	5.7576	2.6351	-	3.5232	1.0886	-	3.5599	4.6136						
1.9799	E+02	E+04	1.2706	E+05	E+06	6.5494	E+03	E+03						
E+02			E+05			E+03								
-	0.0000	1.6360	-	2.8186	2.2036	-	3.0513	4.4287						
1.9799	E+02	E+05	1.2706	E+05	E+06	6.5494	E+03	E+03						
E+02			E+05			E+03								
-	1.7848	6.2500	-	2.1139	3.6880	-	2.5428	3.8309						
2.6369	E+02	E-01	1.2706	E+05	E+06	6.5494	E+03	E+03						
E+02			E+05			E+03								
-	1.7273	1.3521	-	1.4093	4.6040	-	2.0342	9.2765						
2.6369	E+02	E+00	1.2706	E+05	E+06	6.5494	E+03	E+03						
E+02			E+05			E+03								
-	1.5545	1.3521	-	7.0465	6.7308	-	1.5257	1.1766						
2.6369	E+02	E+00	1.2706	E+05	E+06	6.5494	E+03	E+04						
E+02			E+05			E+03								
-	1.4970	3.1021	-	0.0000	2.5197	-	1.0171	4.0162						
2.6369	E+02	E+00	1.2706	E+05	E+07	6.5494	E+03	E+04						
E+02			E+05			E+03								
-	1.4394	3.1021	-	1.4798	3.6667	-	5.0856	1.5925						
2.6369	E+02	E+00	1.3471	E+05	E-02	6.5494	E+02	E+05						
E+02			E+05			E+03								
-	1.3818	6.6021	-	1.3388	1.5300	-	0.0000	6.2244						
2.6369	E+02	E+00	1.3471	E+05	E+02	6.5494	E+00	E+05						
E+02			E+05			E+03								

Original Instruction: T05 0138-8633 VER 00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	2.6369	7.0000	-	1.2684	9.5149	-	1.0680	2.2318						
E+02	1.3242	E+00	E+05	E+05	E+02	E+03	E+04	E+00						
-	2.6369	7.0000	-	1.1979	2.8071	-	1.0171	1.1773						
E+02	1.2667	E+00	E+05	E+05	E+03	E+03	E+04	E+02						
-	2.6369	1.6704	-	1.1274	8.0922	-	9.6626	2.2681						
E+02	1.2091	E+01	E+05	E+05	E+03	E+03	E+03	E+00						
-	2.6369	5.2500	-	1.0570	2.5852	-	9.1540	1.7008						
E+02	1.1515	E+00	E+05	E+05	E+04	E+03	E+03	E+02						
-	2.6369	1.1852	-	9.8650	2.8423	-	8.6455	5.6660						
E+02	1.0939	E+01	E+05	E+04	E+04	E+03	E+03	E+00						
-	2.6369	9.8128	-	9.1604	3.6530	-	8.1369	6.4802						
E+02	1.0364	E+00	E+05	E+04	E+04	E+03	E+03	E-01						
-	2.6369	3.5000	-	8.4558	3.4559	-	7.6284	2.4063						
E+02	9.7878	E+00	E+05	E+04	E+04	E+03	E+03	E+01						
-	2.6369	1.2500	-	7.7511	6.8136	-	7.1198	4.2036						
E+02	9.2121	E+00	E+05	E+04	E+04	E+03	E+03	E+01						
-	2.6369	1.1613	-	7.0465	9.1597	-	6.6113	9.7097						
E+02	8.6363	E+01	E+05	E+04	E+04	E+03	E+03	E+01						
-	2.6369	8.9084	-	6.3418	1.4091	-	6.1027	2.5911						
E+02	8.0606	E+00	E+05	E+04	E+05	E+03	E+03	E+02						
-	2.6369	7.0000	-	5.6372	2.5138	-	5.5941	1.4474						
E+02	7.4848	E+00	E+05	E+04	E+05	E+03	E+03	E+03						
-	2.6369	3.0225	-	4.9325	3.4404	-	5.0856	1.0557						
E+02	6.9091	E+01	E+05	E+04	E+05	E+03	E+03	E+03						
-	2.6369	1.0158	-	4.2279	7.4207	-	4.5770	9.9047						
E+02	6.3333	E+01	E+05	E+04	E+05	E+03	E+03	E+02						
-	2.6369	1.6364	-	3.5232	1.4088	-	4.0685	1.5887						
E+02	5.7576	E+01	E+05	E+04	E+06	E+03	E+03	E+02						
-	2.6369	3.1549	-	2.8186	2.7151	-	3.5599	5.2366						
E+02	5.1818	E+01	E+05	E+04	E+06	E+03	E+03	E+02						
-	2.6369	4.8463	-	2.1139	4.5265	-	3.0513	3.1851						
E+02	4.6060	E+01	E+05	E+04	E+06	E+03	E+03	E+03						
-	2.6369	3.1089	-	1.4093	5.8206	-	2.5428	1.4709						
E+02	4.0303	E+01	E+05	E+04	E+06	E+03	E+03	E+03						
-	2.6369	6.8728	-	7.0465	8.6113	-	2.0342	5.1822						
E+02	3.4545	E+01	E+05	E+03	E+06	E+03	E+03	E+02						

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 2.6369 E+02	2.8788 E+02	6.8213 E+01	- 1.3471 E+05	0.0000 E+00	3.2561 E+07	- 7.1733 E+03	1.5257 E+03	5.1991 E+03						
- 2.6369 E+02	2.3030 E+02	1.1717 E+02	- 1.4237 E+05	1.2684 E+05	3.0592 E+02	- 7.1733 E+03	1.0171 E+03	1.4425 E+04						
- 2.6369 E+02	1.7273 E+02	1.3159 E+02	- 1.4237 E+05	1.1979 E+05	1.1031 E+03	- 7.1733 E+03	5.0856 E+02	7.1269 E+04						
- 2.6369 E+02	1.1515 E+02	3.6691 E+03	- 1.4237 E+05	1.1274 E+05	1.4527 E+03	- 7.1733 E+03	0.0000 E+00	2.4363 E+05						
- 2.6369 E+02	5.7576 E+01	5.9885 E+03	- 1.4237 E+05	1.0570 E+05	1.3465 E+03	- 7.7972 E+03	1.0680 E+04	1.7037 E+00						
- 2.6369 E+02	0.0000 E+00	3.4493 E+04	- 1.4237 E+05	9.8650 E+04	9.2895 E+03	- 7.7972 E+03	9.1540 E+03	8.1774 E-01						
- 3.2938 E+02	1.6697 E+03	1.9771 E+00	- 1.4237 E+05	9.1604 E+04	2.9446 E+04	- 7.7972 E+03	7.6284 E+03	6.2988 E+00						
- 3.2938 E+02	1.4394 E+03	4.4542 E+00	- 1.4237 E+05	8.4558 E+04	5.7666 E+04	- 7.7972 E+03	7.1198 E+03	1.0557 E+00						
- 3.2938 E+02	1.3818 E+03	1.3521 E+00	- 1.4237 E+05	7.7511 E+04	1.1043 E+05	- 7.7972 E+03	6.6113 E+03	1.6972 E-01						
- 3.2938 E+02	1.2667 E+03	4.8521 E+00	- 1.4237 E+05	7.0465 E+04	1.2868 E+05	- 7.7972 E+03	6.1027 E+03	6.4685 E+00						
- 3.2938 E+02	1.2091 E+03	7.0000 E+00	- 1.4237 E+05	6.3418 E+04	2.2860 E+05	- 7.7972 E+03	5.5941 E+03	1.7431 E+01						
- 3.2938 E+02	1.1515 E+03	4.8521 E+00	- 1.4237 E+05	5.6372 E+04	3.5373 E+05	- 7.7972 E+03	5.0856 E+03	7.2135 E-01						
- 3.2938 E+02	1.0939 E+03	5.4084 E+00	- 1.4237 E+05	4.9325 E+04	6.0346 E+05	- 7.7972 E+03	4.5770 E+03	9.3392 E+00						
- 3.2938 E+02	1.0364 E+03	2.7042 E+00	- 1.4237 E+05	4.2279 E+04	1.0246 E+06	- 7.7972 E+03	4.0685 E+03	1.7176 E+02						
- 3.2938 E+02	8.6363 E+02	6.2775 E+00	- 1.4237 E+05	3.5232 E+04	2.1928 E+06	- 7.7972 E+03	3.5599 E+03	1.1296 E+03						
- 3.2938 E+02	8.0606 E+02	5.4084 E+00	- 1.4237 E+05	2.8186 E+04	4.2197 E+06	- 7.7972 E+03	3.0513 E+03	2.0371 E+01						
- 3.2938 E+02	7.4848 E+02	2.7042 E+00	- 1.4237 E+05	2.1139 E+04	6.4520 E+06	- 7.7972 E+03	2.5428 E+03	1.2942 E+03						
- 3.2938 E+02	6.9091 E+02	1.2408 E+01	- 1.4237 E+05	1.4093 E+04	7.3231 E+06	- 7.7972 E+03	2.0342 E+03	2.0923 E+02						

Original Instruction: T05 0138-8633 VER 00
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 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBSRRE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	3.2938	6.3333	8.7775	-	7.0465	1.1220	-	1.5257	3.1257					
E+02	E+02	E+00	E+05	E+03	E+07	E+03	E+03	E+03						
-	3.2938	5.7576	2.1771	-	0.0000	4.2233	-	1.0171	4.2379					
E+02	E+02	E+01	E+05	E+00	E+07	E+03	E+03	E+03						
-	3.2938	5.1818	1.6363	-	1.3388	1.3521	-	5.0856	2.7051					
E+02	E+02	E+01	E+05	E+05	E+00	E+03	E+02	E+04						
-	3.2938	4.6060	1.4771	-	1.2684	1.3521	-	0.0000	7.9451					
E+02	E+02	E+01	E+05	E+05	E+00	E+03	E+00	E+04						
-	3.2938	4.0303	3.4975	-	1.1979	1.3521	-	1.1188	4.2004					
E+02	E+02	E+01	E+05	E+05	E+00	E+03	E+04	E+00						
-	3.2938	3.4545	3.2003	-	1.1274	4.0563	-	9.1540	4.0307					
E+02	E+02	E+01	E+05	E+05	E+00	E+03	E+03	E+00						
-	3.2938	2.8788	5.4374	-	1.0570	2.7042	-	8.6455	4.4636					
E+02	E+02	E+01	E+05	E+05	E+00	E+03	E+03	E+00						
-	3.2938	2.3030	4.9439	-	9.8650	4.6750	-	8.1369	1.7037					
E+02	E+02	E+01	E+05	E+04	E+03	E+03	E+03	E+00						
-	3.2938	1.7273	9.3633	-	9.1604	5.4106	-	7.6284	1.7043					
E+02	E+02	E+01	E+05	E+04	E+03	E+03	E+03	E+01						
-	3.2938	1.1515	1.0506	-	8.4558	3.9025	-	6.6113	2.4305					
E+02	E+02	E+02	E+05	E+04	E+03	E+03	E+03	E-01						
-	3.2938	5.7576	3.9768	-	7.7511	2.9920	-	6.1027	5.6480					
E+02	E+01	E+02	E+05	E+04	E+04	E+03	E+03	E+00						
-	3.2938	0.0000	4.0698	-	7.0465	7.9205	-	5.5941	1.2988					
E+02	E+00	E+03	E+05	E+04	E+04	E+03	E+03	E+00						
-	3.9507	1.7273	1.3521	-	6.3418	1.3756	-	5.0856	7.3333					
E+02	E+03	E+00	E+05	E+04	E+05	E+03	E+03	E-02						
-	3.9507	1.6121	1.3521	-	5.6372	2.9025	-	4.5770	7.2135					
E+02	E+03	E+00	E+05	E+04	E+05	E+03	E+03	E-01						
-	3.9507	1.5545	1.3521	-	4.9325	5.4409	-	4.0685	4.1040					
E+02	E+03	E+00	E+05	E+04	E+05	E+03	E+03	E+00						
-	3.9507	1.3818	3.5000	-	4.2279	1.2786	-	3.5599	1.8085					
E+02	E+03	E+00	E+05	E+04	E+06	E+03	E+03	E+02						
-	3.9507	1.3242	2.7042	-	3.5232	2.6463	-	3.0513	4.0862					
E+02	E+03	E+00	E+05	E+04	E+06	E+03	E+03	E+02						
-	3.9507	1.2667	1.3521	-	2.8186	4.8299	-	2.5428	1.7037					
E+02	E+03	E+00	E+05	E+04	E+06	E+03	E+03	E+00						

Original Instruction: T05 0138-8633 VER 00
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 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBSRRE

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 3.9507 E+02	9.2121 E+02	1.2500 E+00	- 1.5002 E+05	2.1139 E+04	7.5170 E+06	- 8.4211 E+03	2.0342 E+03	5.5511 E+01						
- 3.9507 E+02	8.0606 E+02	2.7042 E+00	- 1.5002 E+05	1.4093 E+04	8.7918 E+06	- 8.4211 E+03	1.5257 E+03	1.1522 E+03						
- 3.9507 E+02	6.9091 E+02	2.7042 E+00	- 1.5002 E+05	7.0465 E+03	1.2643 E+07	- 8.4211 E+03	1.0171 E+03	3.5046 E+03						
- 3.9507 E+02	6.3333 E+02	3.5000 E+00	- 1.5002 E+05	0.0000 E+00	4.5509 E+07	- 8.4211 E+03	5.0856 E+02	7.1512 E+03						
- 3.9507 E+02	5.7576 E+02	5.4084 E+00	- 1.5768 E+05	1.1274 E+05	1.3521 E+00	- 8.4211 E+03	0.0000 E+00	2.5807 E+04						
- 3.9507 E+02	5.1818 E+02	1.3204 E+01	- 1.5768 E+05	1.0570 E+05	4.0563 E+00	- 9.0450 E+03	9.6626 E+03	1.6972 E-01						
- 3.9507 E+02	4.6060 E+02	1.1759 E+01	- 1.5768 E+05	9.1604 E+04	1.3521 E+00	- 9.0450 E+03	9.1540 E+03	1.0557 E+00						
- 3.9507 E+02	4.0303 E+02	2.8317 E+01	- 1.5768 E+05	8.4558 E+04	4.0563 E+00	- 9.0450 E+03	8.6455 E+03	1.6972 E-01						
- 3.9507 E+02	3.4545 E+02	3.5380 E+01	- 1.5768 E+05	7.7511 E+04	8.1126 E+00	- 9.0450 E+03	8.1369 E+03	4.0307 E+00						
- 3.9507 E+02	2.8788 E+02	1.1686 E+01	- 1.5768 E+05	7.0465 E+04	2.0495 E+03	- 9.0450 E+03	7.1198 E+03	7.1697 E+00						
- 3.9507 E+02	2.3030 E+02	5.7968 E+01	- 1.5768 E+05	6.3418 E+04	1.5867 E+04	- 9.0450 E+03	6.6113 E+03	4.0307 E+00						
- 3.9507 E+02	1.7273 E+02	6.6521 E+01	- 1.5768 E+05	5.6372 E+04	4.7251 E+04	- 9.0450 E+03	6.1027 E+03	1.0557 E+00						
- 3.9507 E+02	1.1515 E+02	1.2756 E+02	- 1.5768 E+05	4.9325 E+04	1.5456 E+05	- 9.0450 E+03	5.5941 E+03	7.3333 E-02						
- 3.9507 E+02	5.7576 E+01	2.0164 E+02	- 1.5768 E+05	4.2279 E+04	4.3087 E+05	- 9.0450 E+03	4.5770 E+03	5.0864 E+00						
- 3.9507 E+02	0.0000 E+00	3.3604 E+02	- 1.5768 E+05	3.5232 E+04	1.1770 E+06	- 9.0450 E+03	4.0685 E+03	6.4802 E-01						
- 4.6077 E+02	1.5545 E+03	1.3521 E+00	- 1.5768 E+05	2.8186 E+04	2.1932 E+06	- 9.0450 E+03	3.5599 E+03	1.6972 E-01						
- 4.6077 E+02	1.4394 E+03	2.7042 E+00	- 1.5768 E+05	2.1139 E+04	4.1097 E+06	- 9.0450 E+03	3.0513 E+03	1.4667 E-01						
- 4.6077 E+02	1.3242 E+03	2.7042 E+00	- 1.5768 E+05	1.4093 E+04	4.9085 E+06	- 9.0450 E+03	2.0342 E+03	1.4107 E+01						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	4.6077	1.2667	-	1.5768	7.0465	-	9.0450	1.5257	-			-		
E+02	E+03	E+00	E+05	E+03	E+06	E+03	E+03	E+01						
-	4.6077	8.6363	-	1.5768	0.0000	-	9.0450	1.0171	-			-		
E+02	E+02	E+00	E+05	E+00	E+07	E+03	E+03	E+02						
-	4.6077	8.0606	-	1.6533	1.1274	-	9.0450	5.0856	-			-		
E+02	E+02	E+00	E+05	E+05	E+00	E+03	E+02	E+03						
-	4.6077	5.7576	-	1.6533	6.3418	-	9.0450	0.0000	-			-		
E+02	E+02	E+00	E+05	E+04	E+02	E+03	E+00	E+03						
-	4.6077	5.1818	-	1.6533	5.6372	-	9.6689	8.6455	-			-		
E+02	E+02	E+00	E+05	E+04	E+02	E+03	E+03	E-02						
-	4.6077	4.6060	-	1.6533	4.9325	-	9.6689	6.6113	-			-		
E+02	E+02	E+01	E+05	E+04	E+04	E+03	E+03	E+00						
-	4.6077	4.0303	-	1.6533	4.2279	-	9.6689	4.5770	-			-		
E+02	E+02	E+00	E+05	E+04	E+04	E+03	E+03	E-02						
-	4.6077	3.4545	-	1.6533	3.5232	-	9.6689	1.0171	-			-		
E+02	E+02	E+01	E+05	E+04	E+05	E+03	E+03	E+01						
-	4.6077	2.8788	-	1.6533	2.8186	-	9.6689	5.0856	-			-		
E+02	E+02	E+01	E+05	E+04	E+05	E+03	E+02	E+03						
-	4.6077	2.3030	-	1.6533	2.1139	-	9.6689	0.0000	-			-		
E+02	E+02	E+01	E+05	E+04	E+05	E+03	E+00	E+03						
-	4.6077	1.7273	-	1.6533	1.4093	-	1.0293	6.1027	-			-		
E+02	E+02	E+01	E+05	E+04	E+05	E+04	E+03	E-01						
-	4.6077	1.1515	-	1.6533	7.0465	-	1.0293	5.0856	-			-		
E+02	E+02	E+01	E+05	E+03	E+06	E+04	E+03	E-01						
-	4.6077	5.7576	-	1.6533	0.0000	-	1.0293	3.5599	-			-		
E+02	E+01	E+02	E+05	E+00	E+07	E+04	E+03	E+00						
-	4.6077	0.0000	-	1.7299	7.0465	-	1.0293	2.5428	-			-		
E+02	E+00	E+02	E+05	E+04	E+00	E+04	E+03	E-02						
-	5.2646	1.6697	-	1.7299	4.9325	-	1.0293	2.0342	-			-		
E+02	E+03	E+00	E+05	E+04	E+00	E+04	E+03	E+00						
-	5.2646	1.5545	-	1.7299	4.2279	-	1.0293	1.5257	-			-		
E+02	E+03	E+00	E+05	E+04	E+02	E+04	E+03	E+00						
-	5.2646	9.2121	-	1.7299	3.5232	-	1.0293	1.0171	-			-		
E+02	E+02	E+00	E+05	E+04	E+03	E+04	E+03	E-02						
-	5.2646	6.9091	-	1.7299	2.8186	-	1.0293	5.0856	-			-		
E+02	E+02	E+00	E+05	E+04	E+04	E+04	E+02	E+01						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	5.2646	2.7042	-	2.1139	2.5224	-	0.0000	9.7965						
E+02	6.3333	E+00	E+05	E+04	E+04	E+04	E+00	E+02						
-	5.2646	3.5000	-	1.4093	2.4205	-	4.0685	7.3333						
E+02	5.7576	E+00	E+05	E+04	E+04	E+04	E+03	E-02						
-	5.2646	3.5000	-	7.0465	1.7625	-	3.0513	1.6972						
E+02	5.1818	E+00	E+05	E+03	E+05	E+04	E+03	E-01						
-	5.2646	3.5000	-	0.0000	2.0163	-	1.5257	1.6972						
E+02	4.6060	E+00	E+05	E+00	E+06	E+04	E+03	E-01						
-	5.2646	2.0204	-	3.5232	2.7042	-	1.0171	5.0000						
E+02	4.0303	E+01	E+05	E+04	E+00	E+04	E+03	E+00						
-	5.2646	1.2408	-	2.8186	2.7042	-	5.0856	1.7634						
E+02	3.4545	E+01	E+05	E+04	E+00	E+04	E+02	E+02						
-	5.2646	1.5908	-	2.1139	5.4084	-	0.0000	1.5181						
E+02	2.8788	E+01	E+05	E+04	E+00	E+04	E+00	E+02						
-	5.2646	4.6530	-	1.4093	1.3521	-	0.0000	1.1869						
E+02	2.3030	E+01	E+05	E+04	E+01	E+04	E+00	E+01						
-	5.2646	7.6345	-	7.0465	1.0187	-	5.0856	1.0557						
E+02	1.7273	E+01	E+05	E+03	E+04	E+04	E+02	E+00						
-	5.2646	5.9217	-	0.0000	2.5309	-	0.0000	1.7676						
E+02	1.1515	E+01	E+05	E+00	E+05	E+04	E+00	E+02						
-	5.2646	9.4073	-	2.8186	2.7042	-	0.0000	1.8742						
E+02	5.7576	E+01	E+05	E+04	E+00	E+04	E+00	E+02						
-	5.2646	1.2830	-	2.1139	2.7042	-	0.0000	2.6075						
E+02	0.0000	E+02	E+05	E+04	E+00	E+04	E+00	E+00						
-	5.9215	2.7042	-	1.4093	1.0817	-	0.0000	1.6972						
E+02	9.7878	E+00	E+05	E+04	E+01	E+04	E+00	E-01						
-	5.9215	6.2042	-	7.0465	8.1126									
E+02	5.7576	E+00	E+05	E+03	E+00									
-	5.9215	6.2775	-	0.0000	1.1215									
E+02	5.1818	E+00	E+05	E+00	E+04									
-	5.9215	8.9084	-	7.0465	2.7042									
E+02	4.0303	E+00	E+05	E+03	E+00									
-	5.9215	1.3204	-	0.0000	2.7042									
E+02	3.4545	E+01	E+05	E+00	E+00									
-	5.9215	1.1686	-	1.4093	5.4084									
E+02	2.8788	E+01	E+05	E+04	E+00									

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	2.3030	2.4817	-	0.0000	1.3594									
5.9215	E+02	E+01	2.0361	E+00	E+01									
-	1.7273	3.9603	-	0.0000	1.0817									
5.9215	E+02	E+01	2.1127	E+00	E+01									
-	1.1515	5.6151	-	0.0000	2.7042									
5.9215	E+02	E+01	2.1892	E+00	E+00									
-	5.7576	7.9928												
5.9215	E+02	E+01												
-	0.0000	6.2742												
5.9215	E+02	E+01												
-	8.0606	2.7042												
6.5784	E+02	E+00												
-	6.3333	2.7042												
6.5784	E+02	E+00												
-	5.1818	2.7042												
6.5784	E+02	E+00												
-	4.6060	5.4084												
6.5784	E+02	E+00												
-	4.0303	5.4817												
6.5784	E+02	E+00												
-	3.4545	2.0917												
6.5784	E+02	E+01												
-	2.8788	1.2482												
6.5784	E+02	E+01												
-	2.3030	6.2042												
6.5784	E+02	E+00												
-	1.7273	2.1390												
6.5784	E+02	E+01												
-	1.1515	2.5530												
6.5784	E+02	E+01												
-	5.7576	4.3606												
6.5784	E+02	E+01												
-	0.0000	6.0593												
6.5784	E+02	E+01												
-	3.4545	2.7042												
7.2354	E+02	E+00												

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	2.8788	2.7042												
7.2354	E+02	E+00												
-	1.7273	1.5908												
7.2354	E+02	E+01												
-	1.1515	2.2103												
7.2354	E+02	E+01												
-	5.7576	2.2250												
7.2354	E+02	E+01												
-	0.0000	1.6704												
7.2354	E+02	E+01												
-	5.7576	2.7042												
7.8923	E+02	E+00												
-	5.1818	2.7042												
7.8923	E+02	E+00												
-	2.3030	6.2042												
7.8923	E+02	E+00												
-	1.7273	8.9084												
7.8923	E+02	E+00												
-	1.1515	1.8530												
7.8923	E+02	E+01												
-	5.7576	4.6520												
7.8923	E+02	E+01												
-	0.0000	1.0760												
7.8923	E+02	E+01												
-	3.4545	2.7042												
8.5492	E+02	E+00												
-	1.7273	9.7042												
8.5492	E+02	E+00												
-	0.0000	1.1750												
8.5492	E+02	E+01												
-	4.6060	2.7042												
9.2062	E+02	E+00												
-	1.7273	7.3333												
9.2062	E+02	E-02												
-	5.7576	5.4084												
9.2062	E+02	E+00												

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Markov Matrices

F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 9.8631 E+02	5.7576 E+01	2.7042 E+00												
- 1.0520 E+03	1.7273 E+02	2.7042 E+00												
- 1.0520 E+03	0.0000 E+00	2.7042 E+00												
- 1.2491 E+03	1.1515 E+02	2.7042 E+00												

Table 5-7 [5] Markov Matrix

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Appendix G. Markov matrices – issued from [6]

This appendix contains the Markov Matrices for the shear force, the bending moment and the torsional moment in the bottom of the tower, from ref. [6]. Foundation design must be verified for the most critical Markov matrices.

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.6906 E+03	1.0843 E+02	8.5215 E+00	1.2557 E+05	7.1006 E+03	2.7042 E+00	8.9636 E+03	1.2969 E+03	2.7042 E+00	6.3477 E+02	0.0000 E+00	2.1074 E+01	9.5375 E+04	3.5336 E+03	1.6972 E-01
1.6289 E+03	0.0000 E+00	1.2500 E+00	1.1789 E+05	7.1006 E+03	5.4084 E+00	8.4498 E+03	0.0000 E+00	5.9649 E+01	6.0389 E+02	0.0000 E+00	2.1074 E+01	9.5375 E+04	0.0000 E+00	1.6972 E-01
1.5671 E+03	0.0000 E+00	7.3333 E-02	1.1789 E+05	0.0000 E+00	1.5825 E+01	7.9360 E+03	4.3231 E+02	1.6972 E-01	5.7301 E+02	0.0000 E+00	4.5986 E+00	9.1520 E+04	0.0000 E+00	7.3333 E-02
1.5054 E+03	0.0000 E+00	1.0311 E+02	1.1022 E+05	1.4201 E+04	2.7042 E+00	7.9360 E+03	0.0000 E+00	1.3584 E+03	5.4214 E+02	3.0297 E+01	7.3333 E-02	8.7666 E+04	0.0000 E+00	1.6972 E-01
1.4437 E+03	5.4213 E+01	1.2043 E+03	1.1022 E+05	7.1006 E+03	5.4084 E+00	7.4223 E+03	2.5939 E+03	2.7042 E+00	5.4214 E+02	0.0000 E+00	1.1290 E+00	8.3811 E+04	3.5336 E+03	5.0000 E+00
1.4437 E+03	0.0000 E+00	6.8176 E+03	1.1022 E+05	0.0000 E+00	3.6429 E+01	7.4223 E+03	1.7292 E+03	2.7042 E+00	5.1126 E+02	6.0594 E+01	4.0307 E+00	8.3811 E+04	0.0000 E+00	4.0307 E+00
1.3819 E+03	4.8791 E+02	6.2500 E-01	1.0255 E+05	3.5503 E+04	7.0000 E+00	7.4223 E+03	1.2969 E+03	4.0307 E+00	5.1126 E+02	3.0297 E+01	8.7027 E+00	7.9956 E+04	3.5336 E+03	6.2254 E+00
1.3819 E+03	1.0843 E+02	4.4636 E+00	1.0255 E+05	1.4201 E+04	3.5000 E+00	7.4223 E+03	8.6462 E+02	4.0213 E+01	5.1126 E+02	0.0000 E+00	4.2228 E+02	7.9956 E+04	0.0000 E+00	3.3944 E-01
1.3819 E+03	5.4213 E+01	7.0142 E+03	1.0255 E+05	7.1006 E+03	1.8613 E+01	7.4223 E+03	4.3231 E+02	5.5193 E+00	4.8038 E+02	1.5148 E+02	5.0000 E+00	7.6102 E+04	1.0601 E+04	5.0000 E+00
1.3819 E+03	0.0000 E+00	1.2963 E+04	1.0255 E+05	0.0000 E+00	2.5613 E+01	7.4223 E+03	0.0000 E+00	5.7869 E+00	4.8038 E+02	9.0890 E+01	5.0733 E+00	7.6102 E+04	7.0672 E+03	5.0000 E+00
1.3202 E+03	1.6264 E+02	3.0933 E+03	9.4876 E+04	3.5503 E+04	3.5000 E+00	6.9085 E+03	1.2969 E+03	1.6972 E-01	4.8038 E+02	6.0594 E+01	1.6972 E-01	7.6102 E+04	3.5336 E+03	5.0000 E+00
1.3202 E+03	1.0843 E+02	7.2172 E+03	9.4876 E+04	2.1302 E+04	2.7042 E+00	6.9085 E+03	8.6462 E+02	1.7043 E+01	4.8038 E+02	3.0297 E+01	6.2089 E+00	7.6102 E+04	0.0000 E+00	2.4212 E+01
1.3202 E+03	5.4213 E+01	2.5217 E+04	9.4876 E+04	1.4201 E+04	1.5908 E+01	6.9085 E+03	4.3231 E+02	2.8631 E+02	4.8038 E+02	0.0000 E+00	4.2736 E+02	7.2247 E+04	1.7668 E+04	2.2681 E+00
1.3202 E+03	0.0000 E+00	5.8291 E+04	9.4876 E+04	7.1006 E+03	3.5317 E+01	6.9085 E+03	0.0000 E+00	1.8777 E+03	4.4951 E+02	1.8178 E+02	5.0000 E+00	7.2247 E+04	3.5336 E+03	1.6972 E-01
1.2584 E+03	2.7106 E+02	1.5343 E+03	9.4876 E+04	0.0000 E+00	6.1799 E+01	6.3947 E+03	2.5939 E+03	2.0997 E+01	4.4951 E+02	1.2119 E+02	1.3038 E+00	7.2247 E+04	0.0000 E+00	3.6157 E+01
1.2584 E+03	2.1685 E+02	1.4971 E+03	8.7203 E+04	3.5503 E+04	2.7042 E+00	6.3947 E+03	2.1615 E+03	1.7043 E+01	4.4951 E+02	6.0594 E+01	9.6787 E+00	6.8392 E+04	1.0601 E+04	4.6787 E+00
1.2584 E+03	1.6264 E+02	8.5676 E+00	8.7203 E+04	2.8402 E+04	3.5000 E+00	6.3947 E+03	1.7292 E+03	2.7042 E+00	4.4951 E+02	3.0297 E+01	1.4082 E+02	6.8392 E+04	7.0672 E+03	1.0557 E+00
1.2584 E+03	1.0843 E+02	2.8670 E+04	8.7203 E+04	2.1302 E+04	9.7042 E+00	6.3947 E+03	1.2969 E+03	1.0557 E+00	4.4951 E+02	0.0000 E+00	6.0384 E+02	6.8392 E+04	3.5336 E+03	1.3876 E+01
1.2584 E+03	5.4213 E+01	8.0149 E+04	8.7203 E+04	1.4201 E+04	1.0500 E+01	6.3947 E+03	8.6462 E+02	2.1507 E+01	4.1863 E+02	3.0297 E+02	5.0000 E+00	6.8392 E+04	0.0000 E+00	5.8362 E+01
1.2584 E+03	0.0000 E+00	1.4972 E+05	8.7203 E+04	7.1006 E+03	4.5021 E+01	6.3947 E+03	4.3231 E+02	2.5965 E+02	4.1863 E+02	1.2119 E+02	5.6976 E+00	6.4538 E+04	2.8269 E+04	1.0557 E+00
1.1967 E+03	8.6740 E+02	3.6667 E-02	8.7203 E+04	0.0000 E+00	8.3911 E+01	6.3947 E+03	0.0000 E+00	2.1950 E+03	4.1863 E+02	9.0890 E+01	2.4407 E+00	6.4538 E+04	2.1202 E+04	6.4802 E-01
1.1967 E+03	3.7949 E+02	2.7042 E+00	7.9531 E+04	4.9704 E+04	2.7042 E+00	5.8809 E+03	4.3231 E+03	5.7136 E+00	4.1863 E+02	6.0594 E+01	1.0849 E+02	6.4538 E+04	1.0601 E+04	1.0648 E+01
1.1967 E+03	3.2528 E+02	6.4470 E+02	7.9531 E+04	4.2604 E+04	2.7042 E+00	5.8809 E+03	3.4585 E+03	2.1507 E+01	4.1863 E+02	3.0297 E+01	1.4108 E+02	6.4538 E+04	3.5336 E+03	3.7289 E+01
1.1967 E+03	2.7106 E+02	1.1254 E+03	7.9531 E+04	2.1302 E+04	9.7042 E+00	5.8809 E+03	2.1615 E+03	4.0368 E+01	4.1863 E+02	0.0000 E+00	1.5427 E+03	6.4538 E+04	0.0000 E+00	1.0634 E+02



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.1967	2.1685	3.5830	7.9531	1.4201	1.5186	5.8809	1.2969	1.1080	3.8775	3.6356	1.0417	6.0683	4.2403	8.4943
E+03	E+02	E+03	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+00
1.1967	1.6264	1.2716	7.9531	7.1006	4.4938	5.8809	8.6462	1.1111	3.8775	2.1208	1.0191	6.0683	3.1802	8.1774
E+03	E+02	E+04	E+04	E+03	E+01	E+03	E+02	E+03	E+02	E+02	E+01	E+04	E+04	E-01
1.1967	1.0843	7.2251	7.9531	0.0000	7.0780	5.8809	4.3231	3.0496	3.8775	1.8178	1.6807	6.0683	2.8269	1.0417
E+03	E+02	E+04	E+04	E+00	E+01	E+03	E+02	E+03	E+02	E+02	E+00	E+04	E+04	E+00
1.1967	5.4213	2.5675	7.1858	6.3905	2.7042	5.8809	0.0000	6.2806	3.8775	1.5148	6.2500	6.0683	2.4735	1.0557
E+03	E+01	E+05	E+04	E+04	E+00	E+03	E+00	E+03	E+02	E+02	E+00	E+04	E+04	E+00
1.1967	0.0000	6.5092	7.1858	3.5503	9.7042	5.3671	1.1240	1.4297	3.8775	1.2119	5.0000	6.0683	2.1202	5.1350
E+03	E+00	E+05	E+04	E+04	E+00	E+03	E+04	E+01	E+02	E+02	E+00	E+04	E+04	E+00
1.1350	4.8791	1.4941	7.1858	2.8402	2.7042	5.3671	6.4846	1.2500	3.8775	9.0890	5.1775	6.0683	1.7668	4.4636
E+03	E+02	E+01	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+01	E+00	E+04	E+04	E+00
1.1350	4.3370	1.8129	7.1858	2.1302	2.0917	5.3671	4.7554	2.7775	3.8775	6.0594	2.1979	6.0683	1.4134	3.3098
E+03	E+02	E+03	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+01	E+01	E+04	E+04	E+00
1.1350	3.2528	3.3350	7.1858	1.4201	2.3621	5.3671	4.3231	7.1678	3.8775	3.0297	1.3682	6.0683	1.0601	1.2960
E+03	E+02	E+03	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+01	E+03	E+04	E+04	E+00
1.1350	2.7106	8.5791	7.1858	7.1006	5.1070	5.3671	3.0262	2.0184	3.8775	0.0000	4.2861	6.0683	7.0672	2.9277
E+03	E+02	E+02	E+04	E+03	E+01	E+03	E+03	E+01	E+02	E+00	E+03	E+04	E+03	E+00
1.1350	2.1685	3.0171	7.1858	0.0000	1.2050	5.3671	2.5939	5.9649	3.5688	3.0297	2.2681	6.0683	3.5336	2.1788
E+03	E+02	E+04	E+04	E+00	E+02	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+03	E+01
1.1350	1.6264	9.6741	6.4185	6.3905	2.7042	5.3671	2.1615	4.5732	3.5688	2.4237	1.0000	6.0683	0.0000	2.5802
E+03	E+02	E+04	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+00	E+02
1.1350	1.0843	3.1590	6.4185	4.2604	1.2408	5.3671	1.7292	4.4636	3.5688	2.1208	1.0672	5.6828	4.2403	1.3797
E+03	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+02	E+01	E+04	E+04	E+00
1.1350	5.4213	9.8383	6.4185	3.5503	3.5000	5.3671	1.2969	1.6820	3.5688	1.8178	5.2431	5.6828	3.1802	1.6972
E+03	E+01	E+05	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E-01
1.1350	0.0000	1.5112	6.4185	2.8402	1.5113	5.3671	8.6462	1.2314	3.5688	1.5148	7.0872	5.6828	2.8269	2.4305
E+03	E+00	E+06	E+04	E+04	E+01	E+03	E+02	E+03	E+02	E+02	E+00	E+04	E+04	E-01
1.0732	1.0300	2.7042	6.4185	2.1302	1.6704	5.3671	4.3231	2.8652	3.5688	1.2119	1.4566	5.6828	2.4735	4.6787
E+03	E+03	E+00	E+04	E+04	E+01	E+03	E+02	E+03	E+02	E+02	E+00	E+04	E+04	E+00
1.0732	7.5898	2.2318	6.4185	1.4201	1.5567	5.3671	0.0000	3.5827	3.5688	9.0890	1.4580	5.6828	2.1202	1.6218
E+03	E+02	E+00	E+04	E+04	E+01	E+03	E+00	E+04	E+02	E+01	E+01	E+04	E+04	E+01
1.0732	6.5055	2.7042	6.4185	7.1006	4.7959	4.8533	9.9431	2.2318	3.5688	6.0594	1.6083	5.6828	1.7668	1.0606
E+03	E+02	E+00	E+04	E+03	E+01	E+03	E+03	E+00	E+02	E+01	E+02	E+04	E+04	E+01
1.0732	5.9634	2.7042	6.4185	0.0000	1.3154	4.8533	7.7816	1.6972	3.5688	3.0297	1.7302	5.6828	1.4134	3.1975
E+03	E+02	E+00	E+04	E+00	E+02	E+03	E+03	E-01	E+02	E+01	E+03	E+04	E+04	E+01
1.0732	5.4213	8.1126	5.6513	1.8462	1.3521	4.8533	6.0523	9.4803	3.5688	0.0000	5.0695	5.6828	1.0601	5.0864
E+03	E+02	E+00	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+00	E+03	E+04	E+04	E+00
1.0732	4.8791	3.1133	5.6513	1.7041	1.3521	4.8533	5.6200	2.1507	3.2600	3.9386	3.2401	5.6828	7.0672	2.8409
E+03	E+02	E+02	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+03	E+01
1.0732	4.3370	2.0154	5.6513	1.5621	1.3521	4.8533	5.1877	8.8104	3.2600	3.6356	1.2500	5.6828	3.5336	4.7920
E+03	E+02	E+00	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+03	E+01
1.0732	3.7949	6.5011	5.6513	1.4911	1.7500	4.8533	4.7554	2.7775	3.2600	3.3326	1.1898	5.6828	0.0000	1.0999
E+03	E+02	E+02	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+02	E+01	E+04	E+00	E+03
1.0732	3.2528	6.9889	5.6513	1.4201	2.7042	4.8533	4.3231	1.8718	3.2600	2.7267	8.0614	5.2974	3.5336	6.4802
E+03	E+02	E+03	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E-01
1.0732	2.7106	2.7372	5.6513	1.3491	4.4542	4.8533	3.8908	9.3562	3.2600	2.4237	6.4802	5.2974	3.1802	2.5458
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+04	E-01
1.0732	2.1685	7.2262	5.6513	1.2781	3.1021	4.8533	3.4585	1.7116	3.2600	2.1208	1.1222	5.2974	2.1202	1.0177
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+01
1.0732	1.6264	2.9523	5.6513	9.9408	2.7042	4.8533	3.0262	4.5637	3.2600	1.8178	3.4714	5.2974	1.7668	1.7267
E+03	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.0732	1.0843	9.6213	5.6513	8.5207	6.2042	4.8533	2.5939	1.0557	3.2600	1.5148	1.3231	5.2974	1.4134	6.8867
E+03	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+02	E+01	E+04	E+04	E+01
1.0732	5.4213	2.6439	5.6513	7.8106	3.5000	4.8533	2.1615	1.7043	3.2600	1.2119	2.0869	5.2974	1.0601	3.7657
E+03	E+01	E+06	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+01
1.0732	0.0000	3.9568	5.6513	7.1006	3.5000	4.8533	1.7292	8.0275	3.2600	9.0890	2.4324	5.2974	7.0672	3.4452
E+03	E+00	E+06	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+01	E+02	E+04	E+03	E+01
1.0115	1.0843	1.5296	5.6513	6.3905	6.2042	4.8533	1.2969	4.4865	3.2600	6.0594	6.5628	5.2974	3.5336	4.7358
E+03	E+03	E+02	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+01	E+02	E+04	E+03	E+02
1.0115	9.7583	1.3521	5.6513	5.6805	7.4542	4.8533	8.6462	3.9620	3.2600	3.0297	4.2596	5.2974	0.0000	3.2406
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+02	E+03	E+02	E+01	E+03	E+04	E+00	E+03
1.0115	9.2162	8.8104	5.6513	4.9704	6.2042	4.8533	4.3231	2.6855	3.2600	0.0000	1.5541	4.9119	6.7138	1.6972
E+03	E+02	E+02	E+04	E+04	E+00	E+03	E+02	E+04	E+02	E+00	E+04	E+04	E+04	E-01
1.0115	8.6740	2.1834	5.6513	4.2604	2.8234	4.8533	0.0000	1.1749	2.9513	6.3623	4.0307	4.9119	5.3004	4.4636
E+03	E+02	E+02	E+04	E+04	E+01	E+03	E+00	E+05	E+02	E+02	E+00	E+04	E+04	E+00
1.0115	8.1319	8.1376	5.6513	3.5503	1.2408	4.3396	1.1240	1.9106	2.9513	5.1505	1.7037	4.9119	4.5937	9.0222
E+03	E+02	E+02	E+04	E+04	E+01	E+03	E+04	E+02	E+02	E+02	E+00	E+04	E+04	E+00
1.0115	7.5898	6.5816	5.6513	2.8402	1.3204	4.3396	1.0808	6.2500	2.9513	4.8475	4.0307	4.9119	4.2403	4.0307
E+03	E+02	E+03	E+04	E+04	E+01	E+03	E+04	E-01	E+02	E+02	E+00	E+04	E+04	E+00
1.0115	7.0476	8.3045	5.6513	2.1302	2.7658	4.3396	9.0785	2.2318	2.9513	3.9386	4.4636	4.9119	3.8869	4.4636
E+03	E+02	E+02	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E+00
1.0115	6.5055	9.0608	5.6513	1.4201	4.2908	4.3396	8.6462	1.9816	2.9513	3.6356	6.4802	4.9119	3.5336	1.7113
E+03	E+02	E+03	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E-01	E+04	E+04	E+02
1.0115	5.9634	3.0500	5.6513	7.1006	9.5237	4.3396	7.7816	4.4413	2.9513	3.3326	1.0557	4.9119	3.1802	1.2086
E+03	E+02	E+04	E+04	E+03	E+01	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+01
1.0115	5.4213	1.7920	5.6513	0.0000	1.5008	4.3396	7.3492	8.9062	2.9513	3.0297	4.4636	4.9119	2.8269	2.2155
E+03	E+02	E+04	E+04	E+00	E+02	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+01
1.0115	4.8791	2.4557	4.8840	1.6331	1.3521	4.3396	6.9169	1.5354	2.9513	2.7267	1.7799	4.9119	2.4735	2.5700
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+01
1.0115	4.3370	1.3895	4.8840	1.5621	3.5000	4.3396	6.4846	2.3005	2.9513	2.4237	7.4540	4.9119	2.1202	2.8194
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+01
1.0115	3.7949	6.3937	4.8840	1.4911	4.4542	4.3396	6.0523	8.8104	2.9513	2.1208	3.2089	4.9119	1.7668	7.7568
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+01
1.0115	3.2528	5.4091	4.8840	1.4201	3.1021	4.3396	5.6200	1.0721	2.9513	1.8178	3.5158	4.9119	1.4134	3.8364
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+04	E+02
1.0115	2.7106	1.2686	4.8840	1.3491	1.0102	4.3396	5.1877	5.4510	2.9513	1.5148	2.1701	4.9119	1.0601	2.5971
E+03	E+02	E+05	E+04	E+05	E+01	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+02
1.0115	2.1685	3.9537	4.8840	1.2781	6.2042	4.3396	4.7554	5.7329	2.9513	1.2119	2.2897	4.9119	7.0672	4.5458
E+03	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+03	E+02
1.0115	1.6264	1.1647	4.8840	1.2071	1.3521	4.3396	4.3231	3.2079	2.9513	9.0890	4.4678	4.9119	3.5336	4.9809
E+03	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+01	E+02	E+04	E+03	E+02
1.0115	1.0843	2.8486	4.8840	1.1361	1.3521	4.3396	3.8908	1.3935	2.9513	6.0594	9.6516	4.9119	0.0000	3.8973
E+03	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+01	E+02	E+04	E+00	E+03
1.0115	5.4213	6.8787	4.8840	1.0651	3.5000	4.3396	3.4585	4.4244	2.9513	3.0297	1.0451	4.5265	7.4205	1.0557
E+03	E+01	E+06	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+01	E+04	E+04	E+04	E+00
1.0115	0.0000	8.8689	4.8840	8.5207	3.5000	4.3396	3.0262	6.3726	2.9513	0.0000	2.5687	4.5265	5.6537	7.3333
E+03	E+00	E+06	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+04	E-02
9.4975	1.5722	3.2100	4.8840	7.8106	1.2408	4.3396	2.5939	1.1643	2.6425	6.6653	4.4636	4.5265	5.3004	2.2681
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+00
9.4975	1.5180	1.3521	4.8840	7.1006	7.0000	4.3396	2.1615	4.5104	2.6425	6.3623	1.0557	4.5265	4.9470	1.2691
E+02	E+03	E+00	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+00
9.4975	1.3011	5.2175	4.8840	6.3905	7.0000	4.3396	1.7292	4.3289	2.6425	5.7564	8.1774	4.5265	4.5937	1.6667
E+02	E+03	E+02	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E-01	E+04	E+04	E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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260/410

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
9.4975	1.1927	1.4410	4.8840	5.6805	2.7042	4.3396	1.2969	2.4890	2.6425	5.1505	1.6972	4.5265	4.2403	6.8171
E+02	E+03	E+03	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E-01	E+04	E+04	E+01
9.4975	1.1385	4.3962	4.8840	4.9704	1.8613	4.3396	8.6462	2.8772	2.6425	4.5445	1.6972	4.5265	3.8869	4.8808
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+02	E+04	E+02	E+02	E-01	E+04	E+04	E+01
9.4975	1.0843	5.8675	4.8840	4.2604	2.2908	4.3396	4.3231	7.9241	2.6425	4.2415	7.5488	4.5265	3.5336	6.3118
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+02	E+04	E+02	E+02	E+00	E+04	E+04	E+00
9.4975	1.0300	3.2304	4.8840	3.5503	1.6704	4.3396	0.0000	3.2433	2.6425	3.9386	4.5052	4.5265	3.1802	5.5586
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+00	E+05	E+02	E+02	E+00	E+04	E+04	E+01
9.4975	9.7583	1.5422	4.8840	2.8402	6.6666	3.8258	1.1672	8.5215	2.6425	3.6356	1.4959	4.5265	2.8269	3.4631
E+02	E+02	E+04	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+04	E+02
9.4975	9.2162	2.0024	4.8840	2.1302	6.2317	3.8258	1.1240	1.2500	2.6425	3.3326	6.9975	4.5265	2.4735	9.2891
E+02	E+02	E+04	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+00	E+04	E+04	E+01
9.4975	8.6740	5.8520	4.8840	1.4201	4.0872	3.8258	9.5108	1.7043	2.6425	3.0297	1.2256	4.5265	2.1202	2.8862
E+02	E+02	E+04	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+01
9.4975	8.1319	8.5207	4.8840	7.1006	7.4029	3.8258	9.0785	6.0705	2.6425	2.7267	1.9595	4.5265	1.7668	4.8775
E+02	E+02	E+04	E+04	E+03	E+01	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+02
9.4975	7.5898	1.3895	4.8840	0.0000	2.6550	3.8258	8.6462	2.9824	2.6425	2.4237	2.0899	4.5265	1.4134	2.5742
E+02	E+02	E+05	E+04	E+00	E+02	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+02
9.4975	7.0476	1.5678	4.1168	1.4911	6.6021	3.8258	8.2139	8.8104	2.6425	2.1208	2.3999	4.5265	1.0601	4.6688
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+02
9.4975	6.5055	2.3633	4.1168	1.4201	9.7042	3.8258	7.7816	8.2556	2.6425	1.8178	5.4220	4.5265	7.0672	9.7110
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+03	E+02
9.4975	5.9634	2.9869	4.1168	1.3491	6.2042	3.8258	7.3492	9.2125	2.6425	1.5148	2.2153	4.5265	3.5336	2.2451
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+03	E+03
9.4975	5.4213	5.3950	4.1168	1.2781	5.2500	3.8258	6.9169	6.5390	2.6425	1.2119	1.3706	4.5265	0.0000	2.6352
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+00	E+04
9.4975	4.8791	6.7277	4.1168	1.2071	1.5750	3.8258	6.4846	7.4412	2.6425	9.0890	4.7205	4.1410	7.0672	8.4943
E+02	E+02	E+05	E+04	E+05	E+01	E+03	E+03	E+02	E+02	E+01	E+02	E+04	E+04	E+00
9.4975	4.3370	7.5347	4.1168	1.0651	7.0000	3.8258	6.0523	4.5262	2.6425	6.0594	2.3586	4.1410	6.0071	3.2875
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+01	E+03	E+04	E+04	E+00
9.4975	3.7949	9.1047	4.1168	9.9408	2.7042	3.8258	5.6200	6.4849	2.6425	3.0297	2.2445	4.1410	5.6537	1.6972
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+01	E+04	E+04	E+04	E-01
9.4975	3.2528	9.6567	4.1168	8.5207	1.0500	3.8258	5.1877	9.8737	2.6425	0.0000	7.1760	4.1410	5.3004	5.0864
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+00	E+04	E+04	E+04	E+00
9.4975	2.7106	1.1992	4.1168	7.8106	9.7042	3.8258	4.7554	1.2189	2.3337	6.9683	4.5369	4.1410	4.9470	1.2458
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+01
9.4975	2.1685	1.8029	4.1168	7.1006	1.0500	3.8258	4.3231	3.4749	2.3337	6.6653	1.3504	4.1410	4.5937	4.5986
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E-01	E+04	E+04	E+00
9.4975	1.6264	3.4413	4.1168	6.3905	2.9888	3.8258	3.8908	5.1829	2.3337	5.7564	6.4802	4.1410	4.2403	1.7043
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E-01	E+04	E+04	E+01
9.4975	1.0843	7.2083	4.1168	5.6805	1.4454	3.8258	3.4585	5.3491	2.3337	5.4534	6.4802	4.1410	3.8869	3.7715
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E-01	E+04	E+04	E+01
9.4975	5.4213	1.4202	4.1168	4.9704	4.5034	3.8258	3.0262	4.9469	2.3337	5.1505	5.6775	4.1410	3.5336	3.8171
E+02	E+01	E+07	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+02
9.4975	0.0000	1.5683	4.1168	4.2604	3.5366	3.8258	2.5939	1.4741	2.3337	4.8475	2.2016	4.1410	3.1802	9.7197
E+02	E+00	E+07	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+01	E+04	E+04	E+01
8.8801	1.7348	1.5296	4.1168	3.5503	3.4204	3.8258	2.1615	1.2064	2.3337	4.5445	3.2678	4.1410	2.8269	1.6757
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+01	E+04	E+04	E+02
8.8801	1.6806	4.7396	4.1168	2.8402	2.2982	3.8258	1.7292	3.1267	2.3337	4.2415	1.8488	4.1410	2.4735	1.7518
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+02
8.8801	1.6264	1.5296	4.1168	2.1302	1.1795	3.8258	1.2969	6.6371	2.3337	3.9386	8.6912	4.1410	2.1202	1.2815
E+02	E+03	E+02	E+04	E+04	E+02	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.8801	1.5722	3.0592	4.1168	1.4201	1.0652	3.8258	8.6462	8.9464	2.3337	3.6356	2.0595	4.1410	1.7668	4.7919
E+02	E+03	E+02	E+04	E+04	E+02	E+03	E+02	E+04	E+02	E+02	E+02	E+04	E+04	E+02
8.8801	1.5180	2.2938	4.1168	7.1006	1.8665	3.8258	4.3231	2.3925	2.3337	3.3326	2.0617	4.1410	1.4134	5.6589
E+02	E+03	E+03	E+04	E+03	E+03	E+03	E+02	E+05	E+02	E+02	E+02	E+04	E+04	E+02
8.8801	1.4637	4.0159	4.1168	0.0000	3.8179	3.8258	0.0000	6.1669	2.3337	3.0297	4.0697	4.1410	1.0601	4.4697
E+02	E+03	E+03	E+04	E+00	E+03	E+03	E+00	E+05	E+02	E+02	E+02	E+04	E+04	E+02
8.8801	1.4095	2.8820	3.3495	1.5621	1.7500	3.3120	1.4266	1.3521	2.3337	2.7267	5.6608	4.1410	7.0672	7.6988
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+03	E+02
8.8801	1.3553	2.4356	3.3495	1.4201	7.9542	3.3120	1.3402	2.0107	2.3337	2.4237	8.1401	4.1410	3.5336	8.4233
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+03	E+03
8.8801	1.3011	8.3700	3.3495	1.3491	7.0000	3.3120	1.1672	3.6667	2.3337	2.1208	3.8547	4.1410	0.0000	8.0247
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+04	E-02	E+02	E+02	E+02	E+04	E+00	E+04
8.8801	1.2469	1.6477	3.3495	1.2781	1.0102	3.3120	1.1240	4.4636	2.3337	1.8178	2.7037	3.7555	1.1661	8.4860
E+02	E+03	E+04	E+04	E+05	E+01	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+05	E-02
8.8801	1.1927	2.1243	3.3495	1.2071	6.2042	3.3120	1.0375	1.7500	2.3337	1.5148	8.4551	3.7555	9.1873	4.4636
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+04	E+00
8.8801	1.1385	2.9679	3.3495	1.1361	5.2500	3.3120	9.5108	1.0557	2.3337	1.2119	5.3722	3.7555	8.1273	1.0226
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+02	E+02	E+04	E+04	E-01
8.8801	1.0843	6.9147	3.3495	1.0651	8.3521	3.3120	9.0785	3.5614	2.3337	9.0890	1.8751	3.7555	7.4205	1.7043
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+01	E+03	E+04	E+04	E+01
8.8801	1.0300	1.0631	3.3495	9.9408	1.7500	3.3120	8.6462	9.9546	2.3337	6.0594	1.8862	3.7555	6.7138	1.7178
E+02	E+03	E+05	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+01	E+04	E+04	E+04	E+01
8.8801	9.7583	1.5949	3.3495	9.2308	2.0150	3.3120	8.2139	1.3049	2.3337	3.0297	9.2552	3.7555	6.0071	1.0118
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+01	E+04	E+04	E+04	E+01
8.8801	9.2162	2.1755	3.3495	8.5207	1.9000	3.3120	7.7816	1.4462	2.3337	0.0000	2.1622	3.7555	5.6537	6.1905
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+00	E+05	E+04	E+04	E+01
8.8801	8.6740	4.5376	3.3495	7.8106	2.3296	3.3120	7.3492	4.3474	2.0250	9.9979	1.0557	3.7555	5.3004	1.8940
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+02
8.8801	8.1319	6.3370	3.3495	7.1006	2.1000	3.3120	6.9169	2.2303	2.0250	9.0890	1.6972	3.7555	4.9470	3.2658
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E-01	E+04	E+04	E+01
8.8801	7.5898	8.6442	3.3495	6.3905	3.5000	3.3120	6.4846	2.1792	2.0250	8.7861	1.0557	3.7555	4.5937	1.9176
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+02
8.8801	7.0476	1.2861	3.3495	5.6805	6.5960	3.3120	6.0523	1.7550	2.0250	7.8772	1.0557	3.7555	4.2403	2.1027
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+02
8.8801	6.5055	1.7623	3.3495	4.9704	6.6130	3.3120	5.6200	6.7428	2.0250	7.5742	6.7317	3.7555	3.8869	2.9126
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+02
8.8801	5.9634	2.4293	3.3495	4.2604	5.9921	3.3120	5.1877	4.2207	2.0250	6.9683	1.2254	3.7555	3.5336	5.4460
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+02
8.8801	5.4213	3.3581	3.3495	3.5503	1.1954	3.3120	4.7554	8.9144	2.0250	6.6653	1.7070	3.7555	3.1802	4.5804
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
8.8801	4.8791	4.0465	3.3495	2.8402	1.2483	3.3120	4.3231	1.5421	2.0250	6.3623	8.1222	3.7555	2.8269	9.5526
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+03	E+04	E+02	E+02	E+01	E+04	E+04	E+02
8.8801	4.3370	4.7414	3.3495	2.1302	2.2757	3.3120	3.8908	3.3366	2.0250	6.0594	2.0274	3.7555	2.4735	1.6888
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+03	E+04	E+02	E+02	E+01	E+04	E+04	E+03
8.8801	3.7949	4.7927	3.3495	1.4201	4.4426	3.3120	3.4585	3.9975	2.0250	5.7564	3.2112	3.7555	2.1202	1.4988
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+03	E+04	E+02	E+02	E+01	E+04	E+04	E+03
8.8801	3.2528	4.7937	3.3495	7.1006	1.4030	3.3120	3.0262	8.4048	2.0250	5.4534	3.6151	3.7555	1.7668	1.7826
E+02	E+02	E+06	E+04	E+03	E+04	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+03
8.8801	2.7106	5.0035	3.3495	0.0000	2.0335	3.3120	2.5939	8.0054	2.0250	5.1505	1.8451	3.7555	1.4134	2.7949
E+02	E+02	E+06	E+04	E+00	E+04	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+03
8.8801	2.1685	5.4888	2.5823	1.7751	6.2500	3.3120	2.1615	7.8247	2.0250	4.8475	3.2029	3.7555	1.0601	7.3191
E+02	E+02	E+06	E+04	E+05	E-01	E+03	E+03	E+04	E+02	E+02	E+01	E+04	E+04	E+03

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.8801	1.6264	8.4271	2.5823	1.4911	3.1388	3.3120	1.7292	5.6913	2.0250	4.5445	6.5945	3.7555	7.0672	1.1906
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+01	E+04	E+03	E+04
8.8801	1.0843	1.3334	2.5823	1.4201	1.7500	3.3120	1.2969	8.4033	2.0250	4.2415	4.4022	3.7555	3.5336	2.4552
E+02	E+02	E+07	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+01	E+04	E+03	E+04
8.8801	5.4213	2.2756	2.5823	1.3491	3.6250	3.3120	8.6462	1.8217	2.0250	3.9386	9.5823	3.7555	0.0000	2.8159
E+02	E+01	E+07	E+04	E+05	E+00	E+03	E+02	E+05	E+02	E+02	E+01	E+04	E+00	E+05
8.8801	0.0000	2.1582	2.5823	1.2781	1.3521	3.3120	4.3231	5.3090	2.0250	3.6356	4.9790	3.3701	1.0954	5.2785
E+02	E+00	E+07	E+04	E+05	E+00	E+03	E+02	E+05	E+02	E+02	E+01	E+04	E+05	E-01
8.2628	1.9517	1.0657	2.5823	1.2071	3.9542	3.3120	0.0000	1.3257	2.0250	3.3326	2.2954	3.3701	1.0601	1.6972
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+00	E+06	E+02	E+02	E+02	E+04	E+05	E-01
8.2628	1.7890	3.2100	2.5823	1.1361	3.3292	2.7982	1.5131	6.2500	2.0250	3.0297	2.9611	3.3701	1.0247	4.0307
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+04	E-01	E+02	E+02	E+02	E+04	E+05	E+00
8.2628	1.7348	7.7988	2.5823	1.0651	7.9542	2.7982	1.2969	7.6770	2.0250	2.7267	4.8075	3.3701	9.8941	6.4802
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+04	E-01
8.2628	1.6806	2.0254	2.5823	9.2308	4.0764	2.7982	1.0375	6.4637	2.0250	2.4237	7.0898	3.3701	9.1873	8.5215
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+04	E+00
8.2628	1.6264	8.1937	2.5823	8.5207	3.9329	2.7982	9.9431	1.6169	2.0250	2.1208	1.3657	3.3701	8.4806	2.3051
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+03	E+04	E+04	E+00
8.2628	1.5722	2.5642	2.5823	7.8106	4.0939	2.7982	9.5108	1.1730	2.0250	1.8178	1.0503	3.3701	7.7739	4.4636
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+03	E+04	E+04	E+00
8.2628	1.5180	6.6710	2.5823	7.1006	9.2699	2.7982	9.0785	1.3514	2.0250	1.5148	1.1306	3.3701	7.4205	4.6323
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+03	E+04	E+04	E+01
8.2628	1.4637	3.6409	2.5823	6.3905	1.1132	2.7982	8.6462	3.3771	2.0250	1.2119	4.2896	3.3701	7.0672	1.1992
E+02	E+03	E+03	E+04	E+04	E+02	E+03	E+03	E+02	E+02	E+02	E+03	E+04	E+04	E+02
8.2628	1.4095	1.0211	2.5823	5.6805	1.1168	2.7982	8.2139	2.4377	2.0250	9.0890	7.4522	3.3701	6.7138	2.2562
E+02	E+03	E+04	E+04	E+04	E+02	E+03	E+03	E+02	E+02	E+01	E+03	E+04	E+04	E+01
8.2628	1.3553	2.3333	2.5823	4.9704	1.6872	2.7982	7.7816	3.9897	2.0250	6.0594	5.3734	3.3701	6.3605	8.3102
E+02	E+03	E+04	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+01	E+04	E+04	E+04	E+01
8.2628	1.3011	2.8707	2.5823	4.2604	2.2229	2.7982	7.3492	2.1447	2.0250	3.0297	2.9748	3.3701	6.0071	1.0557
E+02	E+03	E+04	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+01	E+05	E+04	E+04	E+00
8.2628	1.2469	7.6744	2.5823	3.5503	2.3895	2.7982	6.9169	4.8381	2.0250	0.0000	6.2937	3.3701	5.6537	4.1371
E+02	E+03	E+04	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+00	E+05	E+04	E+04	E+01
8.2628	1.1927	8.3494	2.5823	2.8402	3.7363	2.7982	6.4846	9.7857	1.7162	1.1816	8.4860	3.3701	5.3004	7.8733
E+02	E+03	E+04	E+04	E+04	E+03	E+03	E+03	E+03	E+02	E+03	E-02	E+04	E+04	E+01
8.2628	1.1385	1.3363	2.5823	2.1302	1.0747	2.7982	6.0523	2.0682	1.7162	1.0301	5.1130	3.3701	4.9470	2.4667
E+02	E+03	E+05	E+04	E+04	E+04	E+03	E+03	E+04	E+02	E+03	E-02	E+04	E+04	E+02
8.2628	1.0843	2.2911	2.5823	1.4201	9.7584	2.7982	5.6200	5.2187	1.7162	9.9979	2.2641	3.3701	4.5937	4.6039
E+02	E+03	E+05	E+04	E+04	E+03	E+03	E+03	E+04	E+02	E+02	E+01	E+04	E+04	E+02
8.2628	1.0300	2.4537	2.5823	7.1006	3.0982	2.7982	5.1877	4.5848	1.7162	9.6950	4.0307	3.3701	4.2403	2.2926
E+02	E+03	E+05	E+04	E+03	E+04	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+02
8.2628	9.7583	4.3924	2.5823	0.0000	9.1106	2.7982	4.7554	5.0536	1.7162	9.0890	4.4897	3.3701	3.8869	5.7152
E+02	E+02	E+05	E+04	E+00	E+04	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+02
8.2628	9.2162	5.4189	1.8150	1.7751	3.6667	2.7982	4.3231	6.2095	1.7162	8.7861	5.5193	3.3701	3.5336	1.0181
E+02	E+02	E+05	E+04	E+05	E-02	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+03
8.2628	8.6740	9.1235	1.8150	1.4911	1.3521	2.7982	3.8908	1.0123	1.7162	8.1801	1.8347	3.3701	3.1802	1.2419
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+03
8.2628	8.1319	1.2568	1.8150	1.3491	1.9771	2.7982	3.4585	1.1680	1.7162	7.8772	1.2626	3.3701	2.8269	9.7851
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+02
8.2628	7.5898	1.9207	1.8150	1.2781	1.8750	2.7982	3.0262	1.7378	1.7162	7.5742	6.5750	3.3701	2.4735	4.0267
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+00	E+04	E+04	E+03
8.2628	7.0476	2.4715	1.8150	1.2071	3.9542	2.7982	2.5939	2.2191	1.7162	7.2712	1.0288	3.3701	2.1202	4.6530
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+03

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.2628	6.5055	3.0972	1.8150	1.1361	5.4771	2.7982	2.1615	1.3475	1.7162	6.9683	6.0110	3.3701	1.7668	4.5657
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+03
8.2628	5.9634	4.1229	1.8150	1.0651	1.3521	2.7982	1.7292	1.5620	1.7162	6.6653	9.4999	3.3701	1.4134	9.0825
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+03
8.2628	5.4213	5.0718	1.8150	9.9408	8.5792	2.7982	1.2969	2.3180	1.7162	6.3623	3.0647	3.3701	1.0601	1.8746
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+04
8.2628	4.8791	6.1356	1.8150	9.2308	3.3046	2.7982	8.6462	3.5796	1.7162	6.0594	2.3194	3.3701	7.0672	4.4099
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+02	E+05	E+02	E+02	E+02	E+04	E+03	E+04
8.2628	4.3370	6.8806	1.8150	8.5207	7.6296	2.7982	4.3231	1.2613	1.7162	5.7564	7.4613	3.3701	3.5336	1.1159
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+02	E+06	E+02	E+02	E+01	E+04	E+03	E+05
8.2628	3.7949	7.4496	1.8150	7.8106	4.2184	2.7982	0.0000	2.5379	1.7162	5.4534	1.3066	3.3701	0.0000	8.2735
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+00	E+06	E+02	E+02	E+02	E+04	E+00	E+05
8.2628	3.2528	7.4339	1.8150	7.1006	6.7228	2.2844	1.7725	9.5530	1.7162	5.1505	2.5198	2.9846	1.4134	1.6972
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+05	E-01
8.2628	2.7106	7.0618	1.8150	6.3905	1.0340	2.2844	1.5563	1.3888	1.7162	4.8475	5.2160	2.9846	1.3781	2.0154
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+05	E+00
8.2628	2.1685	7.7708	1.8150	5.6805	1.4281	2.2844	1.4698	2.2318	1.7162	4.5445	4.1138	2.9846	1.3074	2.2318
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+05	E+00
8.2628	1.6264	1.0076	1.8150	4.9704	2.8050	2.2844	1.3834	4.9539	1.7162	4.2415	3.0876	2.9846	1.2721	8.4860
E+02	E+02	E+07	E+04	E+04	E+02	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+05	E-02
8.2628	1.0843	1.6042	1.8150	4.2604	6.9761	2.2844	1.3402	4.4904	1.7162	3.9386	5.5573	2.9846	1.2368	3.2401
E+02	E+02	E+07	E+04	E+04	E+03	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+05	E-01
8.2628	5.4213	2.8263	1.8150	3.5503	6.2674	2.2844	1.1672	2.9824	1.7162	3.6356	9.9044	2.9846	1.1661	4.0307
E+02	E+01	E+07	E+04	E+04	E+03	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+05	E+00
8.2628	0.0000	2.7486	1.8150	2.8402	4.9625	2.2844	1.1240	2.7350	1.7162	3.3326	4.1349	2.9846	1.1307	7.9054
E+02	E+00	E+07	E+04	E+04	E+03	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+05	E+00
7.6454	2.2769	2.0107	1.8150	2.1302	8.6037	2.2844	1.0808	6.7508	1.7162	3.0297	7.5409	2.9846	1.0954	8.4192
E+02	E+03	E+01	E+04	E+04	E+03	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+05	E+00
7.6454	2.1685	7.1485	1.8150	1.4201	2.9195	2.2844	1.0375	4.1202	1.7162	2.7267	1.0448	2.9846	1.0601	3.6364
E+02	E+03	E+00	E+04	E+04	E+04	E+03	E+04	E+02	E+02	E+02	E+03	E+04	E+05	E+01
7.6454	2.0601	2.0107	1.8150	7.1006	7.6949	2.2844	9.9431	1.4145	1.7162	2.4237	7.3604	2.9846	9.8941	5.7464
E+02	E+03	E+01	E+04	E+03	E+04	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+01
7.6454	1.9517	1.0657	1.8150	0.0000	4.0054	2.2844	9.5108	8.5476	1.7162	2.1208	1.8221	2.9846	9.5407	1.1187
E+02	E+03	E+02	E+04	E+00	E+05	E+03	E+03	E+02	E+02	E+02	E+03	E+04	E+04	E+00
7.6454	1.8974	1.0657	1.0478	1.4911	3.3659	2.2844	9.0785	1.1126	1.7162	1.8178	3.7013	2.9846	9.1873	2.6870
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+03	E+04	E+04	E+01
7.6454	1.8432	1.2861	1.0478	1.4201	1.9771	2.2844	8.6462	1.3800	1.7162	1.5148	2.8682	2.9846	8.8340	3.3944
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+03	E+04	E+04	E-01
7.6454	1.7890	1.4987	1.0478	1.3491	1.3521	2.2844	8.2139	4.8849	1.7162	1.2119	1.3488	2.9846	8.4806	9.1614
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+04	E+04	E+04	E+01
7.6454	1.7348	9.4101	1.0478	1.2781	3.2271	2.2844	7.7816	2.5296	1.7162	9.0890	2.2636	2.9846	8.1273	9.9946
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+01	E+04	E+04	E+04	E+01
7.6454	1.6806	3.7256	1.0478	1.2071	4.0053	2.2844	7.3492	1.2111	1.7162	6.0594	1.8595	2.9846	7.7739	6.4179
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+01	E+05	E+04	E+04	E+01
7.6454	1.6264	3.3302	1.0478	1.1361	2.5258	2.2844	6.9169	2.9077	1.7162	3.0297	9.8684	2.9846	7.4205	9.1672
E+02	E+03	E+03	E+04	E+05	E+03	E+03	E+03	E+04	E+02	E+01	E+05	E+04	E+04	E+00
7.6454	1.5722	5.0123	1.0478	1.0651	2.5367	2.2844	6.4846	3.3611	1.7162	0.0000	1.8743	2.9846	7.0672	3.6008
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+00	E+06	E+04	E+04	E+02
7.6454	1.5180	7.0726	1.0478	9.9408	1.6900	2.2844	6.0523	3.2101	1.4074	1.3331	2.2318	2.9846	6.7138	8.6032
E+02	E+03	E+03	E+04	E+04	E+03	E+03	E+03	E+04	E+02	E+03	E+00	E+04	E+04	E+01
7.6454	1.4637	2.1905	1.0478	9.2308	8.5100	2.2844	5.6200	9.9346	1.4074	1.2422	6.6954	2.9846	6.3605	3.9351
E+02	E+03	E+04	E+04	E+04	E+02	E+03	E+03	E+04	E+02	E+03	E+00	E+04	E+04	E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
7.6454	1.4095	2.2649	1.0478	8.5207	9.0218	2.2844	5.1877	8.3754	1.4074	1.2119	1.7043	2.9846	6.0071	3.3376
E+02	E+03	E+04	E+04	E+04	E+02	E+03	E+03	E+04	E+02	E+03	E+01	E+04	E+04	E+02
7.6454	1.3553	2.4369	1.0478	7.8106	9.5223	2.2844	4.7554	1.6442	1.4074	1.1816	1.2040	2.9846	5.6537	4.1975
E+02	E+03	E+04	E+04	E+04	E+02	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+04	E+02
7.6454	1.3011	6.0375	1.0478	7.1006	5.1643	2.2844	4.3231	1.7020	1.4074	1.1513	2.5000	2.9846	5.3004	5.1699
E+02	E+03	E+04	E+04	E+04	E+03	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+04	E+02
7.6454	1.2469	8.2750	1.0478	6.3905	8.5814	2.2844	3.8908	2.7802	1.4074	1.1210	8.6238	2.9846	4.9470	8.1099
E+02	E+03	E+04	E+04	E+04	E+03	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+04	E+02
7.6454	1.1927	9.5844	1.0478	5.6805	8.6507	2.2844	3.4585	3.0492	1.4074	1.0907	4.5514	2.9846	4.5937	6.5046
E+02	E+03	E+04	E+04	E+04	E+03	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+04	E+02
7.6454	1.1385	1.6557	1.0478	4.9704	9.8719	2.2844	3.0262	3.1559	1.4074	1.0604	3.1682	2.9846	4.2403	1.1364
E+02	E+03	E+05	E+04	E+04	E+03	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+04	E+03
7.6454	1.0843	2.0936	1.0478	4.2604	2.1863	2.2844	2.5939	4.0269	1.4074	1.0301	3.3960	2.9846	3.8869	1.5744
E+02	E+03	E+05	E+04	E+04	E+04	E+03	E+03	E+05	E+02	E+03	E+01	E+04	E+04	E+03
7.6454	1.0300	2.7236	1.0478	3.5503	5.1590	2.2844	2.1615	4.3122	1.4074	9.9979	2.5432	2.9846	3.5336	2.6984
E+02	E+03	E+05	E+04	E+04	E+04	E+03	E+03	E+05	E+02	E+02	E+00	E+04	E+04	E+03
7.6454	9.7583	4.3985	1.0478	2.8402	4.7478	2.2844	1.7292	3.9579	1.4074	9.6950	8.1092	2.9846	3.1802	3.7924
E+02	E+02	E+05	E+04	E+04	E+04	E+03	E+03	E+05	E+02	E+02	E+00	E+04	E+04	E+03
7.6454	9.2162	6.5186	1.0478	2.1302	9.8549	2.2844	1.2969	4.5554	1.4074	9.3920	2.1915	2.9846	2.8269	3.8760
E+02	E+02	E+05	E+04	E+04	E+04	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+03
7.6454	8.6740	6.8106	1.0478	1.4201	2.2511	2.2844	8.6462	7.5872	1.4074	9.0890	1.0173	2.9846	2.4735	7.3634
E+02	E+02	E+05	E+04	E+04	E+05	E+03	E+02	E+05	E+02	E+02	E+01	E+04	E+04	E+03
7.6454	8.1319	1.0695	1.0478	7.1006	7.0793	2.2844	4.3231	2.0387	1.4074	8.7861	2.8427	2.9846	2.1202	1.6228
E+02	E+02	E+06	E+04	E+03	E+05	E+03	E+02	E+06	E+02	E+02	E+02	E+04	E+04	E+04
7.6454	7.5898	1.3982	1.0478	0.0000	4.2918	2.2844	0.0000	4.8019	1.4074	8.4831	4.5387	2.9846	1.7668	2.2007
E+02	E+02	E+06	E+04	E+00	E+06	E+03	E+00	E+06	E+02	E+02	E+01	E+04	E+04	E+04
7.6454	7.0476	1.8799	2.8053	2.4852	3.6667	1.7706	1.8157	9.5530	1.4074	8.1801	8.6660	2.9846	1.4134	4.5188
E+02	E+02	E+06	E+03	E+05	E-02	E+03	E+04	E+01	E+02	E+02	E+00	E+04	E+04	E+04
7.6454	6.5055	2.3891	2.8053	1.7041	3.6667	1.7706	1.6860	6.2500	1.4074	7.8772	3.3931	2.9846	1.0601	7.3393
E+02	E+02	E+06	E+03	E+05	E-02	E+03	E+04	E-01	E+02	E+02	E+02	E+04	E+04	E+04
7.6454	5.9634	3.1228	2.8053	1.6331	1.6377	1.7706	1.5131	8.4860	1.4074	7.5742	4.5801	2.9846	7.0672	1.1989
E+02	E+02	E+06	E+03	E+05	E-01	E+03	E+04	E-02	E+02	E+02	E+01	E+04	E+03	E+05
7.6454	5.4213	3.9808	2.8053	1.5621	3.6667	1.7706	1.4266	2.9824	1.4074	7.2712	1.1326	2.9846	3.5336	3.2447
E+02	E+02	E+06	E+03	E+05	E-02	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+03	E+05
7.6454	4.8791	4.7081	2.8053	1.4201	1.2867	1.7706	1.3834	4.0286	1.4074	6.9683	4.0179	2.9846	0.0000	1.8167
E+02	E+02	E+06	E+03	E+05	E+00	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+00	E+06
7.6454	4.3370	5.0456	2.8053	1.3491	1.1000	1.7706	1.3402	1.5559	1.4074	6.6653	1.6469	2.5991	1.4134	2.0154
E+02	E+02	E+06	E+03	E+05	E-01	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+05	E+00
7.6454	3.7949	5.7685	2.8053	1.2781	3.6667	1.7706	1.2969	4.4084	1.4074	6.3623	4.6126	2.5991	1.3781	4.9915
E+02	E+02	E+06	E+03	E+05	E-02	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+05	E+00
7.6454	3.2528	5.1909	2.8053	1.2071	3.9359	1.7706	1.2537	7.3123	1.4074	6.0594	2.0477	2.5991	1.3428	5.6452
E+02	E+02	E+06	E+03	E+05	E+00	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+05	E-01
7.6454	2.7106	5.2722	2.8053	1.1361	2.9578	1.7706	1.2105	2.1741	1.4074	5.7564	4.3303	2.5991	1.3074	4.6801
E+02	E+02	E+06	E+03	E+05	E+01	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+05	E+00
7.6454	2.1685	6.2151	2.8053	1.0651	8.9467	1.7706	1.1672	6.0629	1.4074	5.4534	6.3463	2.5991	1.2368	1.5702
E+02	E+02	E+06	E+03	E+05	E+02	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+05	E+01
7.6454	1.6264	8.8961	2.8053	9.9408	4.5671	1.7706	1.1240	1.5228	1.4074	5.1505	8.0297	2.5991	1.2014	1.7702
E+02	E+02	E+06	E+03	E+04	E+01	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+05	E+01
7.6454	1.0843	1.5780	2.8053	9.2308	1.6898	1.7706	1.0808	1.8187	1.4074	4.8475	9.7546	2.5991	1.1661	1.9282
E+02	E+02	E+07	E+03	E+04	E+03	E+03	E+04	E+03	E+02	E+02	E+02	E+04	E+05	E+01
7.6454	5.4213	2.7655	2.8053	8.5207	1.0134	1.7706	1.0375	2.8093	1.4074	4.5445	1.4160	2.5991	1.1307	2.8429
E+02	E+01	E+07	E+03	E+04	E+04	E+03	E+04	E+03	E+02	E+02	E+03	E+04	E+05	E+01

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
7.6454 E+02	0.0000 E+00	2.7454 E+07	2.8053 E+03	7.8106 E+04	7.6554 E+03	1.7706 E+03	9.9431 E+03	2.9779 E+03	1.4074 E+02	4.2415 E+02	1.9531 E+03	2.5991 E+04	1.0954 E+05	2.9913 E+00
7.0280 E+02	2.4396 E+03	2.0107 E+01	2.8053 E+03	7.1006 E+04	7.7332 E+03	1.7706 E+03	9.5108 E+03	2.3301 E+03	1.4074 E+02	3.9386 E+02	2.4027 E+03	2.5991 E+04	1.0601 E+05	6.4421 E+01
7.0280 E+02	2.3311 E+03	7.1485 E+00	2.8053 E+03	6.3905 E+04	2.8795 E+04	1.7706 E+03	9.0785 E+03	3.9121 E+03	1.4074 E+02	3.6356 E+02	3.1666 E+03	2.5991 E+04	1.0247 E+05	3.6961 E+01
7.0280 E+02	2.2769 E+03	4.4636 E+00	2.8053 E+03	5.6805 E+04	3.9886 E+04	1.7706 E+03	8.6462 E+03	6.7000 E+03	1.4074 E+02	3.3326 E+02	2.6668 E+03	2.5991 E+04	9.8941 E+04	2.2425 E+01
7.0280 E+02	2.1685 E+03	2.0107 E+01	2.8053 E+03	4.9704 E+04	5.6331 E+04	1.7706 E+03	8.2139 E+03	8.8957 E+03	1.4074 E+02	3.0297 E+02	3.5863 E+03	2.5991 E+04	9.5407 E+04	4.4613 E+01
7.0280 E+02	2.0059 E+03	2.4717 E+02	2.8053 E+03	4.2604 E+04	1.2340 E+05	1.7706 E+03	7.7816 E+03	1.2275 E+04	1.4074 E+02	2.7267 E+02	5.2524 E+03	2.5991 E+04	9.1873 E+04	5.2597 E+01
7.0280 E+02	1.8974 E+03	1.0899 E+03	2.8053 E+03	3.5503 E+04	1.9666 E+05	1.7706 E+03	7.3492 E+03	2.3502 E+04	1.4074 E+02	2.4237 E+02	8.1213 E+03	2.5991 E+04	8.8340 E+04	6.9913 E+01
7.0280 E+02	1.8432 E+03	1.0149 E+03	2.8053 E+03	2.8402 E+04	4.2257 E+05	1.7706 E+03	6.9169 E+03	4.5902 E+04	1.4074 E+02	2.1208 E+02	1.3223 E+04	2.5991 E+04	8.4806 E+04	1.4178 E+02
7.0280 E+02	1.7890 E+03	4.0215 E+02	2.8053 E+03	2.1302 E+04	9.7346 E+05	1.7706 E+03	6.4846 E+03	8.1406 E+04	1.4074 E+02	1.8178 E+02	2.8291 E+04	2.5991 E+04	8.1273 E+04	2.7539 E+02
7.0280 E+02	1.7348 E+03	4.1018 E+02	2.8053 E+03	1.4201 E+04	2.2095 E+06	1.7706 E+03	6.0523 E+03	1.0504 E+05	1.4074 E+02	1.5148 E+02	3.7455 E+04	2.5991 E+04	7.7739 E+04	8.2656 E+01
7.0280 E+02	1.6806 E+03	2.4608 E+03	2.8053 E+03	7.1006 E+03	4.9954 E+06	1.7706 E+03	5.6200 E+03	1.2861 E+05	1.4074 E+02	1.2119 E+02	5.1577 E+04	2.5991 E+04	7.4205 E+04	3.9357 E+02
7.0280 E+02	1.6264 E+03	5.7603 E+03	2.8053 E+03	0.0000 E+00	1.4815 E+07	1.7706 E+03	5.1877 E+03	2.1573 E+05	1.4074 E+02	9.0890 E+01	1.2999 E+05	2.5991 E+04	7.0672 E+04	2.3636 E+02
7.0280 E+02	1.5722 E+03	8.0373 E+03	- 4.8672 E+03	1.8462 E+05	7.3333 E-02	1.7706 E+03	4.7554 E+03	3.1029 E+05	1.4074 E+02	6.0594 E+01	6.1645 E+05	2.5991 E+04	6.7138 E+04	5.2198 E+02
7.0280 E+02	1.5180 E+03	5.4868 E+03	- 4.8672 E+03	1.7751 E+05	3.6667 E-02	1.7706 E+03	4.3231 E+03	3.5840 E+05	1.4074 E+02	3.0297 E+01	2.8672 E+06	2.5991 E+04	6.3605 E+04	6.4915 E+02
7.0280 E+02	1.4637 E+03	9.7447 E+03	- 4.8672 E+03	1.6331 E+05	1.3521 E+00	1.7706 E+03	3.8908 E+03	4.0720 E+05	1.4074 E+02	0.0000 E+00	5.2880 E+06	2.5991 E+04	6.0071 E+04	1.0913 E+03
7.0280 E+02	1.4095 E+03	2.0947 E+04	- 4.8672 E+03	1.4911 E+05	1.1000 E-01	1.7706 E+03	3.4585 E+03	6.6279 E+05	1.0987 E+02	1.3937 E+03	4.4636 E+00	2.5991 E+04	5.6537 E+04	1.3914 E+03
7.0280 E+02	1.3553 E+03	4.7440 E+04	- 4.8672 E+03	1.4201 E+05	1.1000 E-01	1.7706 E+03	3.0262 E+03	6.6544 E+05	1.0987 E+02	1.3634 E+03	6.2500 E-01	2.5991 E+04	5.3004 E+04	8.2440 E+02
7.0280 E+02	1.3011 E+03	4.7572 E+04	- 4.8672 E+03	1.3491 E+05	2.8142 E+00	1.7706 E+03	2.5939 E+03	7.7912 E+05	1.0987 E+02	1.3331 E+03	8.4860 E-02	2.5991 E+04	4.9470 E+04	1.9072 E+03
7.0280 E+02	1.2469 E+03	5.4900 E+04	- 4.8672 E+03	1.2781 E+05	2.5863 E+00	1.7706 E+03	2.1615 E+03	8.2094 E+05	1.0987 E+02	1.3028 E+03	8.7797 E-02	2.5991 E+04	4.5937 E+04	2.6229 E+03
7.0280 E+02	1.1927 E+03	7.6258 E+04	- 4.8672 E+03	1.2071 E+05	2.3559 E+00	1.7706 E+03	1.7292 E+03	7.3713 E+05	1.0987 E+02	1.2725 E+03	5.7898 E-01	2.5991 E+04	4.2403 E+04	2.8994 E+03
7.0280 E+02	1.1385 E+03	1.3254 E+05	- 4.8672 E+03	1.1361 E+05	1.3824 E+02	1.7706 E+03	1.2969 E+03	8.3392 E+05	1.0987 E+02	1.2422 E+03	1.2500 E+00	2.5991 E+04	3.8869 E+04	4.7606 E+03
7.0280 E+02	1.0843 E+03	2.1632 E+05	- 4.8672 E+03	1.0651 E+05	4.5325 E+01	1.7706 E+03	8.6462 E+02	1.4633 E+06	1.0987 E+02	1.2119 E+03	5.1130 E-02	2.5991 E+04	3.5336 E+04	7.2711 E+03

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
7.0280 E+02	1.0300 E+03	2.3337 E+05	- 4.8672 E+03	9.9408 E+04	1.7870 E+03	1.7706 E+03	4.3231 E+02	3.6661 E+06	1.0987 E+02	1.1816 E+03	5.3762 E+00	2.5991 E+04	3.1802 E+04	9.6901 E+03
7.0280 E+02	9.7583 E+02	3.7872 E+05	- 4.8672 E+03	9.2308 E+04	1.7801 E+03	1.7706 E+03	0.0000 E+00	8.8582 E+06	1.0987 E+02	1.1513 E+03	9.1941 E+01	2.5991 E+04	2.8269 E+04	1.3588 E+04
7.0280 E+02	9.2162 E+02	4.8189 E+05	- 4.8672 E+03	8.5207 E+04	5.0708 E+03	1.2569 E+03	1.9886 E+04	1.4297 E+01	1.0987 E+02	1.1210 E+03	8.8411 E+01	2.5991 E+04	2.4735 E+04	1.8257 E+04
7.0280 E+02	8.6740 E+02	6.5597 E+05	- 4.8672 E+03	7.8106 E+04	4.1246 E+03	1.2569 E+03	1.9454 E+04	5.4590 E+01	1.0987 E+02	1.0907 E+03	3.7563 E+01	2.5991 E+04	2.1202 E+04	4.3193 E+04
7.0280 E+02	8.1319 E+02	8.7455 E+05	- 4.8672 E+03	7.1006 E+04	7.2752 E+03	1.2569 E+03	1.7725 E+04	3.6667 E-02	1.0987 E+02	1.0604 E+03	4.9075 E+01	2.5991 E+04	1.7668 E+04	5.5422 E+04
7.0280 E+02	7.5898 E+02	1.2056 E+06	- 4.8672 E+03	6.3905 E+04	2.6592 E+04	1.2569 E+03	1.7292 E+04	2.3533 E+00	1.0987 E+02	1.0301 E+03	1.0403 E+02	2.5991 E+04	1.4134 E+04	1.2230 E+05
7.0280 E+02	7.0476 E+02	1.3120 E+06	- 4.8672 E+03	5.6805 E+04	7.1928 E+04	1.2569 E+03	1.6428 E+04	1.4825 E+01	1.0987 E+02	9.9979 E+02	1.2504 E+02	2.5991 E+04	1.0601 E+04	2.0567 E+05
7.0280 E+02	6.5055 E+02	1.8175 E+06	- 4.8672 E+03	4.9704 E+04	2.0545 E+05	1.2569 E+03	1.5995 E+04	1.2500 E+00	1.0987 E+02	9.6950 E+02	7.6625 E+01	2.5991 E+04	7.0672 E+03	3.4344 E+05
7.0280 E+02	5.9634 E+02	2.5392 E+06	- 4.8672 E+03	4.2604 E+04	2.7822 E+05	1.2569 E+03	1.5131 E+04	1.7500 E+00	1.0987 E+02	9.3920 E+02	9.5962 E+01	2.5991 E+04	3.5336 E+03	6.3584 E+05
7.0280 E+02	5.4213 E+02	3.0810 E+06	- 4.8672 E+03	3.5503 E+04	4.2299 E+05	1.2569 E+03	1.4698 E+04	9.2705 E+00	1.0987 E+02	9.0890 E+02	1.6682 E+02	2.5991 E+04	0.0000 E+00	3.9887 E+06
7.0280 E+02	4.8791 E+02	3.2013 E+06	- 4.8672 E+03	2.8402 E+04	6.3935 E+05	1.2569 E+03	1.4266 E+04	7.5587 E+01	1.0987 E+02	8.7861 E+02	3.2816 E+02	2.2137 E+04	1.5548 E+05	2.1002 E+00
7.0280 E+02	4.3370 E+02	3.5442 E+06	- 4.8672 E+03	2.1302 E+04	9.1502 E+05	1.2569 E+03	1.3834 E+04	9.3464 E+01	1.0987 E+02	8.4831 E+02	1.6610 E+02	2.2137 E+04	1.5194 E+05	1.6972 E-01
7.0280 E+02	3.7949 E+02	4.1193 E+06	- 4.8672 E+03	1.4201 E+04	1.1668 E+06	1.2569 E+03	1.3402 E+04	1.9653 E+02	1.0987 E+02	8.1801 E+02	2.7284 E+02	2.2137 E+04	1.4841 E+05	5.2785 E-01
7.0280 E+02	3.2528 E+02	4.2500 E+06	- 4.8672 E+03	7.1006 E+03	1.7096 E+06	1.2569 E+03	1.2969 E+04	8.9030 E+01	1.0987 E+02	7.8772 E+02	4.1428 E+02	2.2137 E+04	1.4134 E+05	2.5432 E+00
7.0280 E+02	2.7106 E+02	3.9919 E+06	- 4.8672 E+03	0.0000 E+00	4.4996 E+06	1.2569 E+03	1.2537 E+04	1.0672 E+03	1.0987 E+02	7.5742 E+02	3.8853 E+02	2.2137 E+04	1.3781 E+05	2.2318 E+00
7.0280 E+02	2.1685 E+02	4.5165 E+06	- 1.2540 E+04	2.5562 E+05	6.2500 E-01	1.2569 E+03	1.2105 E+04	2.4184 E-02	1.0987 E+02	7.2712 E+02	4.2579 E+02	2.2137 E+04	1.3428 E+05	2.5458 E-01
7.0280 E+02	1.6264 E+02	6.6053 E+06	- 1.2540 E+04	2.0592 E+05	3.6667 E-02	1.2569 E+03	1.1672 E+04	2.9595 E+02	1.0987 E+02	6.9683 E+02	5.3329 E+02	2.2137 E+04	1.3074 E+05	4.9674 E+00
7.0280 E+02	1.0843 E+02	1.2334 E+07	- 1.2540 E+04	1.9172 E+05	7.3333 E-02	1.2569 E+03	1.1240 E+04	5.6281 E+02	1.0987 E+02	6.6653 E+02	5.8054 E+02	2.2137 E+04	1.2721 E+05	1.4205 E+01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
7.0280 E+02	5.4213 E+01	2.3365 E+07	- 1.2540 E+04	1.8462 E+05	3.6667 E-02	1.2569 E+03	1.0808 E+04	2.4191 E+03	1.0987 E+02	6.3623 E+02	8.0035 E+02	2.2137 E+04	1.2368 E+05	2.4248 E+01
7.0280 E+02	0.0000 E+00	2.6301 E+07	- 1.2540 E+04	1.7751 E+05	1.1000 E-01	1.2569 E+03	1.0375 E+04	2.2646 E+03	1.0987 E+02	6.0594 E+02	2.7449 E+03	2.2137 E+04	1.2014 E+05	1.5782 E+01
6.4106 E+02	2.4396 E+03	7.1485 E+00	- 1.2540 E+04	1.6331 E+05	3.6667 E-02	1.2569 E+03	9.9431 E+03	6.1297 E+03	1.0987 E+02	5.7564 E+02	1.7498 E+03	2.2137 E+04	1.1661 E+05	3.2358 E+02
6.4106 E+02	2.3854 E+03	2.2318 E+00	- 1.2540 E+04	1.5621 E+05	3.6667 E-02	1.2569 E+03	9.5108 E+03	1.1038 E+04	1.0987 E+02	5.4534 E+02	1.8356 E+03	2.2137 E+04	1.1307 E+05	1.3457 E+02
6.4106 E+02	2.2769 E+03	5.2785 E-01	- 1.2540 E+04	1.4911 E+05	7.3333 E-02	1.2569 E+03	9.0785 E+03	1.4988 E+04	1.0987 E+02	5.1505 E+02	4.1749 E+03	2.2137 E+04	1.0954 E+05	4.1893 E+01
6.4106 E+02	2.2227 E+03	7.2492 E+01	- 1.2540 E+04	1.4201 E+05	1.1000 E-01	1.2569 E+03	8.6462 E+03	2.6427 E+04	1.0987 E+02	4.8475 E+02	4.8761 E+03	2.2137 E+04	1.0601 E+05	2.3332 E+02
6.4106 E+02	2.1685 E+03	2.2318 E+00	- 1.2540 E+04	1.3491 E+05	1.5914 E+01	1.2569 E+03	8.2139 E+03	2.5309 E+04	1.0987 E+02	4.5445 E+02	4.1117 E+03	2.2137 E+04	1.0247 E+05	3.1550 E+02
6.4106 E+02	2.1143 E+03	1.8936 E+02	- 1.2540 E+04	1.2781 E+05	1.4212 E+01	1.2569 E+03	7.7816 E+03	4.6931 E+04	1.0987 E+02	4.2415 E+02	5.7664 E+03	2.2137 E+04	9.8941 E+04	2.6630 E+02
6.4106 E+02	2.0601 E+03	6.6239 E+01	- 1.2540 E+04	1.2071 E+05	3.7109 E+01	1.2569 E+03	7.3492 E+03	6.7956 E+04	1.0987 E+02	3.9386 E+02	6.5649 E+03	2.2137 E+04	9.5407 E+04	1.6213 E+02
6.4106 E+02	2.0059 E+03	6.3457 E+01	- 1.2540 E+04	1.1361 E+05	6.4575 E+01	1.2569 E+03	6.9169 E+03	1.2047 E+05	1.0987 E+02	3.6356 E+02	1.3789 E+04	2.2137 E+04	9.1873 E+04	1.5444 E+02
6.4106 E+02	1.9517 E+03	3.0154 E+02	- 1.2540 E+04	1.0651 E+05	4.7082 E+01	1.2569 E+03	6.4846 E+03	9.9104 E+04	1.0987 E+02	3.3326 E+02	1.3129 E+04	2.2137 E+04	8.8340 E+04	3.7464 E+02
6.4106 E+02	1.8974 E+03	2.0626 E+02	- 1.2540 E+04	9.9408 E+04	9.1439 E+01	1.2569 E+03	6.0523 E+03	1.5649 E+05	1.0987 E+02	3.0297 E+02	1.7887 E+04	2.2137 E+04	8.4806 E+04	6.0767 E+02
6.4106 E+02	1.8432 E+03	9.0008 E+02	- 1.2540 E+04	9.2308 E+04	4.8978 E+03	1.2569 E+03	5.6200 E+03	1.9167 E+05	1.0987 E+02	2.7267 E+02	3.5283 E+04	2.2137 E+04	8.1273 E+04	8.4207 E+02
6.4106 E+02	1.7890 E+03	9.2959 E+02	- 1.2540 E+04	8.5207 E+04	1.2448 E+03	1.2569 E+03	5.1877 E+03	3.3011 E+05	1.0987 E+02	2.4237 E+02	4.9561 E+04	2.2137 E+04	7.7739 E+04	6.7900 E+02
6.4106 E+02	1.7348 E+03	1.5411 E+03	- 1.2540 E+04	7.8106 E+04	1.5322 E+04	1.2569 E+03	4.7554 E+03	3.9574 E+05	1.0987 E+02	2.1208 E+02	6.6418 E+04	2.2137 E+04	7.4205 E+04	1.9456 E+03
6.4106 E+02	1.6806 E+03	9.6377 E+02	- 1.2540 E+04	7.1006 E+04	2.0705 E+04	1.2569 E+03	4.3231 E+03	6.8340 E+05	1.0987 E+02	1.8178 E+02	1.2374 E+05	2.2137 E+04	7.0672 E+04	2.2289 E+03
6.4106 E+02	1.6264 E+03	4.6501 E+03	- 1.2540 E+04	6.3905 E+04	3.7421 E+04	1.2569 E+03	3.8908 E+03	7.2302 E+05	1.0987 E+02	1.5148 E+02	1.6989 E+05	2.2137 E+04	6.7138 E+04	2.7825 E+03
6.4106 E+02	1.5722 E+03	8.0063 E+03	- 1.2540 E+04	5.6805 E+04	1.2915 E+05	1.2569 E+03	3.4585 E+03	1.0037 E+06	1.0987 E+02	1.2119 E+02	2.4957 E+05	2.2137 E+04	6.3605 E+04	2.1043 E+03

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.4106 E+02	1.5180 E+03	1.1998 E+04	- 1.2540 E+04	4.9704 E+04	1.7081 E+05	1.2569 E+03	3.0262 E+03	1.3161 E+06	1.0987 E+02	9.0890 E+01	4.7722 E+05	2.2137 E+04	6.0071 E+04	3.0036 E+03
6.4106 E+02	1.4637 E+03	1.3881 E+04	- 1.2540 E+04	4.2604 E+04	3.5078 E+05	1.2569 E+03	2.5939 E+03	1.3493 E+06	1.0987 E+02	6.0594 E+01	1.7798 E+06	2.2137 E+04	5.6537 E+04	4.1503 E+03
6.4106 E+02	1.4095 E+03	1.9727 E+04	- 1.2540 E+04	3.5503 E+04	5.7276 E+05	1.2569 E+03	2.1615 E+03	1.6362 E+06	1.0987 E+02	3.0297 E+01	8.7263 E+06	2.2137 E+04	5.3004 E+04	7.1754 E+03
6.4106 E+02	1.3553 E+03	3.0420 E+04	- 1.2540 E+04	2.8402 E+04	8.6061 E+05	1.2569 E+03	1.7292 E+03	1.7775 E+06	1.0987 E+02	0.0000 E+00	1.4194 E+07	2.2137 E+04	4.9470 E+04	6.9377 E+03
6.4106 E+02	1.3011 E+03	3.0471 E+04	- 1.2540 E+04	2.1302 E+04	1.3498 E+06	1.2569 E+03	1.2969 E+03	1.4459 E+06	7.8991 E+01	1.3937 E+03	1.7778 E+00	2.2137 E+04	4.5937 E+04	1.0940 E+04
6.4106 E+02	1.2469 E+03	4.0513 E+04	- 1.2540 E+04	1.4201 E+04	1.8053 E+06	1.2569 E+03	8.6462 E+02	2.6080 E+06	7.8991 E+01	1.3634 E+03	6.7613 E-01	2.2137 E+04	4.2403 E+04	1.1509 E+04
6.4106 E+02	1.1927 E+03	9.5152 E+04	- 1.2540 E+04	7.1006 E+03	3.0302 E+06	1.2569 E+03	4.3231 E+02	6.1015 E+06	7.8991 E+01	1.3331 E+03	6.6167 E-01	2.2137 E+04	3.8869 E+04	1.6487 E+04
6.4106 E+02	1.1385 E+03	1.2981 E+05	- 1.2540 E+04	0.0000 E+00	5.5333 E+06	1.2569 E+03	0.0000 E+00	1.4778 E+07	7.8991 E+01	1.3028 E+03	8.4860 E-02	2.2137 E+04	3.5336 E+04	2.6847 E+04
6.4106 E+02	1.0843 E+03	1.4564 E+05	- 2.0212 E+04	3.1953 E+05	1.3521 E+00	7.4308 E+02	1.8589 E+04	8.6064 E+00	7.8991 E+01	1.2725 E+03	3.3640 E+01	2.2137 E+04	3.1802 E+04	3.6242 E+04
6.4106 E+02	1.0300 E+03	2.2439 E+05	- 2.0212 E+04	3.0533 E+05	1.7500 E+00	7.4308 E+02	1.8157 E+04	3.6667 E-02	7.8991 E+01	1.2422 E+03	1.0537 E+01	2.2137 E+04	2.8269 E+04	5.1123 E+04
6.4106 E+02	9.7583 E+02	2.5317 E+05	- 2.0212 E+04	2.9822 E+05	3.1021 E+00	7.4308 E+02	1.7292 E+04	3.2401 E-01	7.8991 E+01	1.2119 E+03	8.5726 E+00	2.2137 E+04	2.4735 E+04	7.8318 E+04
6.4106 E+02	9.2162 E+02	4.0030 E+05	- 2.0212 E+04	2.9112 E+05	1.3521 E+00	7.4308 E+02	1.6860 E+04	3.2401 E-01	7.8991 E+01	1.1816 E+03	2.7824 E+00	2.2137 E+04	2.1202 E+04	1.1441 E+05
6.4106 E+02	8.6740 E+02	5.4877 E+05	- 2.0212 E+04	2.8402 E+05	1.7500 E+00	7.4308 E+02	1.6428 E+04	5.2723 E+02	7.8991 E+01	1.1513 E+03	6.2451 E+01	2.2137 E+04	1.7668 E+04	2.1482 E+05
6.4106 E+02	8.1319 E+02	7.6136 E+05	- 2.0212 E+04	2.7692 E+05	1.7500 E+00	7.4308 E+02	1.5995 E+04	3.8474 E+01	7.8991 E+01	1.1210 E+03	2.8030 E+01	2.2137 E+04	1.4134 E+04	3.9303 E+05
6.4106 E+02	7.5898 E+02	8.9162 E+05	- 2.0212 E+04	2.6982 E+05	1.7500 E+00	7.4308 E+02	1.5563 E+04	2.2318 E+00	7.8991 E+01	1.0907 E+03	3.3679 E+02	2.2137 E+04	1.0601 E+04	6.2061 E+05
6.4106 E+02	7.0476 E+02	1.3181 E+06	- 2.0212 E+04	2.4852 E+05	1.7500 E+00	7.4308 E+02	1.5131 E+04	2.0170 E+01	7.8991 E+01	1.0604 E+03	2.0388 E+02	2.2137 E+04	7.0672 E+03	1.0370 E+06
6.4106 E+02	6.5055 E+02	1.5686 E+06	- 2.0212 E+04	2.2722 E+05	3.6667 E-02	7.4308 E+02	1.4698 E+04	5.6545 E+02	7.8991 E+01	1.0301 E+03	1.7797 E+02	2.2137 E+04	3.5336 E+03	1.6994 E+06
6.4106 E+02	5.9634 E+02	1.7448 E+06	- 2.0212 E+04	2.1302 E+05	6.2500 E-01	7.4308 E+02	1.4266 E+04	3.4057 E+01	7.8991 E+01	9.9979 E+02	1.0072 E+02	2.2137 E+04	0.0000 E+00	9.9702 E+06

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&SRIE



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.4106 E+02	5.4213 E+02	2.2928 E+06	- 2.0212 E+04	1.9172 E+05	3.6667 E-02	7.4308 E+02	1.3834 E+04	9.1866 E+01	7.8991 E+01	9.6950 E+02	2.8528 E+02	1.8282 E+04	1.5548 E+05	2.5458 E-01
6.4106 E+02	4.8791 E+02	2.4830 E+06	- 2.0212 E+04	1.7041 E+05	1.8333 E-01	7.4308 E+02	1.3402 E+04	5.2456 E+02	7.8991 E+01	9.3920 E+02	5.5668 E+02	1.8282 E+04	1.5194 E+05	5.3029 E+00
6.4106 E+02	4.3370 E+02	2.8769 E+06	- 2.0212 E+04	1.6331 E+05	7.3333 E-02	7.4308 E+02	1.2969 E+04	7.4085 E+01	7.8991 E+01	9.0890 E+02	6.7412 E+02	1.8282 E+04	1.4841 E+05	4.2472 E+00
6.4106 E+02	3.7949 E+02	3.2875 E+06	- 2.0212 E+04	1.5621 E+05	1.2446 E-01	7.4308 E+02	1.2537 E+04	1.2797 E+03	7.8991 E+01	8.7861 E+02	8.4837 E+02	1.8282 E+04	1.4488 E+05	2.7129 E+00
6.4106 E+02	3.2528 E+02	3.2344 E+06	- 2.0212 E+04	1.4911 E+05	4.1905 E+00	7.4308 E+02	1.2105 E+04	8.9330 E+02	7.8991 E+01	8.4831 E+02	9.2054 E+02	1.8282 E+04	1.4134 E+05	6.9757 E-01
6.4106 E+02	2.7106 E+02	3.3030 E+06	- 2.0212 E+04	1.4201 E+05	1.1553 E+01	7.4308 E+02	1.1672 E+04	9.1714 E+02	7.8991 E+01	8.1801 E+02	9.5849 E+02	1.8282 E+04	1.3781 E+05	9.1005 E+00
6.4106 E+02	2.1685 E+02	3.3368 E+06	- 2.0212 E+04	1.3491 E+05	2.7377 E-01	7.4308 E+02	1.1240 E+04	2.6716 E+03	7.8991 E+01	7.8772 E+02	2.0894 E+03	1.8282 E+04	1.3428 E+05	4.4165 E+00
6.4106 E+02	1.6264 E+02	5.0198 E+06	- 2.0212 E+04	1.2781 E+05	9.1296 E+00	7.4308 E+02	1.0808 E+04	2.7149 E+03	7.8991 E+01	7.5742 E+02	2.4676 E+03	1.8282 E+04	1.3074 E+05	8.7713 E+00
6.4106 E+02	1.0843 E+02	9.2015 E+06	- 2.0212 E+04	1.2071 E+05	5.1525 E+00	7.4308 E+02	1.0375 E+04	1.0415 E+04	7.8991 E+01	7.2712 E+02	3.1460 E+03	1.8282 E+04	1.2721 E+05	8.9177 E+00
6.4106 E+02	5.4213 E+01	1.9985 E+07	- 2.0212 E+04	1.1361 E+05	4.2279 E+01	7.4308 E+02	9.9431 E+03	8.5646 E+03	7.8991 E+01	6.9683 E+02	3.2374 E+03	1.8282 E+04	1.2368 E+05	1.7372 E+02
6.4106 E+02	0.0000 E+00	2.3611 E+07	- 2.0212 E+04	1.0651 E+05	1.0061 E+04	7.4308 E+02	9.5108 E+03	1.1819 E+04	7.8991 E+01	6.6653 E+02	5.0855 E+03	1.8282 E+04	1.2014 E+05	3.2158 E+01
5.7932 E+02	2.5480 E+03	2.2318 E+00	- 2.0212 E+04	9.9408 E+04	1.3098 E+02	7.4308 E+02	9.0785 E+03	1.6905 E+04	7.8991 E+01	6.3623 E+02	4.6656 E+03	1.8282 E+04	1.1661 E+05	6.9415 E+01
5.7932 E+02	2.4938 E+03	1.6529 E+01	- 2.0212 E+04	9.2308 E+04	5.7677 E+03	7.4308 E+02	8.6462 E+03	2.4702 E+04	7.8991 E+01	6.0594 E+02	4.7708 E+03	1.8282 E+04	1.1307 E+05	3.4865 E+01
5.7932 E+02	2.4396 E+03	9.0493 E+00	- 2.0212 E+04	8.5207 E+04	5.6450 E+03	7.4308 E+02	8.2139 E+03	3.2827 E+04	7.8991 E+01	5.7564 E+02	7.4905 E+03	1.8282 E+04	1.0954 E+05	3.9933 E+02
5.7932 E+02	2.3854 E+03	9.4314 E+00	- 2.0212 E+04	7.8106 E+04	1.7824 E+04	7.4308 E+02	7.7816 E+03	5.6983 E+04	7.8991 E+01	5.4534 E+02	1.2418 E+04	1.8282 E+04	1.0601 E+05	1.6875 E+02
5.7932 E+02	2.3311 E+03	3.3811 E+01	- 2.0212 E+04	7.1006 E+04	2.0048 E+04	7.4308 E+02	7.3492 E+03	1.2328 E+05	7.8991 E+01	5.1505 E+02	1.4418 E+04	1.8282 E+04	1.0247 E+05	6.6865 E+02
5.7932 E+02	2.2769 E+03	3.1895 E+01	- 2.0212 E+04	6.3905 E+04	5.7269 E+04	7.4308 E+02	6.9169 E+03	1.0726 E+05	7.8991 E+01	4.8475 E+02	2.1330 E+04	1.8282 E+04	9.8941 E+04	6.7130 E+02
5.7932 E+02	2.2227 E+03	4.4196 E+01	- 2.0212 E+04	5.6805 E+04	8.7073 E+04	7.4308 E+02	6.4846 E+03	1.5664 E+05	7.8991 E+01	4.5445 E+02	2.3309 E+04	1.8282 E+04	9.5407 E+04	6.1410 E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.7932 E+02	2.1685 E+03	5.0516 E+01	- 2.0212 E+04	4.9704 E+04	2.4301 E+05	7.4308 E+02	6.0523 E+03	3.5275 E+05	7.8991 E+01	4.2415 E+02	2.9333 E+04	1.8282 E+04	9.1873 E+04	1.1731 E+03
5.7932 E+02	2.1143 E+03	8.0416 E+01	- 2.0212 E+04	4.2604 E+04	4.5808 E+05	7.4308 E+02	5.6200 E+03	3.5486 E+05	7.8991 E+01	3.9386 E+02	3.7452 E+04	1.8282 E+04	8.8340 E+04	9.1623 E+02
5.7932 E+02	2.0601 E+03	1.1699 E+02	- 2.0212 E+04	3.5503 E+04	8.4256 E+05	7.4308 E+02	5.1877 E+03	3.6679 E+05	7.8991 E+01	3.6356 E+02	6.8347 E+04	1.8282 E+04	8.4806 E+04	1.2318 E+03
5.7932 E+02	2.0059 E+03	3.5940 E+02	- 2.0212 E+04	2.8402 E+04	1.8473 E+06	7.4308 E+02	4.7554 E+03	5.2996 E+05	7.8991 E+01	3.3326 E+02	8.6625 E+04	1.8282 E+04	8.1273 E+04	2.0976 E+03
5.7932 E+02	1.9517 E+03	3.0999 E+02	- 2.0212 E+04	2.1302 E+04	3.2405 E+06	7.4308 E+02	4.3231 E+03	7.7259 E+05	7.8991 E+01	3.0297 E+02	1.0914 E+05	1.8282 E+04	7.7739 E+04	2.5926 E+03
5.7932 E+02	1.8974 E+03	5.2084 E+02	- 2.0212 E+04	1.4201 E+04	4.6670 E+06	7.4308 E+02	3.8908 E+03	1.0396 E+06	7.8991 E+01	2.7267 E+02	1.7361 E+05	1.8282 E+04	7.4205 E+04	4.8915 E+03
5.7932 E+02	1.8432 E+03	1.1562 E+03	- 2.0212 E+04	7.1006 E+03	6.7474 E+06	7.4308 E+02	3.4585 E+03	1.5747 E+06	7.8991 E+01	2.4237 E+02	2.4582 E+05	1.8282 E+04	7.0672 E+04	5.0699 E+03
5.7932 E+02	1.7890 E+03	1.1547 E+03	- 2.0212 E+04	0.0000 E+00	9.9885 E+06	7.4308 E+02	3.0262 E+03	1.7822 E+06	7.8991 E+01	2.1208 E+02	3.9914 E+05	1.8282 E+04	6.7138 E+04	8.3369 E+03
5.7932 E+02	1.7348 E+03	1.3799 E+03	- 2.7885 E+04	3.5503 E+05	1.3521 E+00	7.4308 E+02	2.5939 E+03	2.2027 E+06	7.8991 E+01	1.8178 E+02	5.6306 E+05	1.8282 E+04	6.3605 E+04	6.9139 E+03
5.7932 E+02	1.6806 E+03	1.7066 E+03	- 2.7885 E+04	3.2663 E+05	1.7500 E+00	7.4308 E+02	2.1615 E+03	2.7313 E+06	7.8991 E+01	1.5148 E+02	7.5436 E+05	1.8282 E+04	6.0071 E+04	1.2806 E+04
5.7932 E+02	1.6264 E+03	3.0442 E+03	- 2.7885 E+04	3.1243 E+05	3.1388 E+00	7.4308 E+02	1.7292 E+03	2.5243 E+06	7.8991 E+01	1.2119 E+02	9.1456 E+05	1.8282 E+04	5.6537 E+04	2.3293 E+04
5.7932 E+02	1.5722 E+03	7.0388 E+03	- 2.7885 E+04	3.0533 E+05	9.2648 E+00	7.4308 E+02	1.2969 E+03	2.8010 E+06	7.8991 E+01	9.0890 E+01	1.7198 E+06	1.8282 E+04	5.3004 E+04	3.1596 E+04
5.7932 E+02	1.5180 E+03	8.7798 E+03	- 2.7885 E+04	2.9822 E+05	6.5606 E+00	7.4308 E+02	8.6462 E+02	4.0717 E+06	7.8991 E+01	6.0594 E+01	6.1910 E+06	1.8282 E+04	4.9470 E+04	3.8065 E+04
5.7932 E+02	1.4637 E+03	9.2475 E+03	- 2.7885 E+04	2.9112 E+05	1.5708 E+01	7.4308 E+02	4.3231 E+02	9.5237 E+06	7.8991 E+01	3.0297 E+01	2.5803 E+07	1.8282 E+04	4.5937 E+04	4.8311 E+04
5.7932 E+02	1.4095 E+03	1.6463 E+04	- 2.7885 E+04	2.8402 E+05	6.6021 E+00	7.4308 E+02	0.0000 E+00	2.2629 E+07	7.8991 E+01	0.0000 E+00	3.9301 E+07	1.8282 E+04	4.2403 E+04	7.6666 E+04
5.7932 E+02	1.3553 E+03	2.3487 E+04	- 2.7885 E+04	2.7692 E+05	1.0495 E+01	2.2930 E+02	1.9454 E+04	2.0107 E+01	4.8115 E+01	1.5148 E+03	2.2318 E+00	1.8282 E+04	3.8869 E+04	1.0991 E+05
5.7932 E+02	1.3011 E+03	2.7092 E+04	- 2.7885 E+04	2.6982 E+05	1.7500 E+00	2.2930 E+02	1.8589 E+04	2.2318 E+00	4.8115 E+01	1.4239 E+03	2.7596 E+00	1.8282 E+04	3.5336 E+04	1.2625 E+05
5.7932 E+02	1.2469 E+03	4.5972 E+04	- 2.7885 E+04	2.6272 E+05	5.2500 E+00	2.2930 E+02	1.8157 E+04	9.6876 E+01	4.8115 E+01	1.3634 E+03	8.5215 E+00	1.8282 E+04	3.1802 E+04	2.0967 E+05

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.7932 E+02	1.1927 E+03	5.9744 E+04	- 2.7885 E+04	2.5562 E+05	1.7500 E+00	2.2930 E+02	1.7725 E+04	3.1803 E+01	4.8115 E+01	1.3331 E+03	5.2785 E-01	1.8282 E+04	2.8269 E+04	2.5710 E+05
5.7932 E+02	1.1385 E+03	8.9829 E+04	- 2.7885 E+04	2.4852 E+05	4.1250 E+00	2.2930 E+02	1.7292 E+04	4.7889 E+01	4.8115 E+01	1.3028 E+03	8.5215 E+00	1.8282 E+04	2.4735 E+04	3.5510 E+05
5.7932 E+02	1.0843 E+03	1.0284 E+05	- 2.7885 E+04	2.3432 E+05	6.2500 E-01	2.2930 E+02	1.6860 E+04	1.8997 E+02	4.8115 E+01	1.2725 E+03	4.5041 E+01	1.8282 E+04	2.1202 E+04	5.3522 E+05
5.7932 E+02	1.0300 E+03	1.3501 E+05	- 2.7885 E+04	2.2722 E+05	1.8750 E+00	2.2930 E+02	1.6428 E+04	1.8273 E+02	4.8115 E+01	1.2422 E+03	2.4265 E+01	1.8282 E+04	1.7668 E+04	7.4398 E+05
5.7932 E+02	9.7583 E+02	2.1348 E+05	- 2.7885 E+04	2.2012 E+05	1.4138 E+00	2.2930 E+02	1.5995 E+04	1.7346 E+02	4.8115 E+01	1.2119 E+03	2.7085 E+01	1.8282 E+04	1.4134 E+04	1.1301 E+06
5.7932 E+02	9.2162 E+02	2.4640 E+05	- 2.7885 E+04	2.0592 E+05	6.6167 E-01	2.2930 E+02	1.5563 E+04	4.2677 E+02	4.8115 E+01	1.1816 E+03	7.1203 E+01	1.8282 E+04	1.0601 E+04	1.9593 E+06
5.7932 E+02	8.6740 E+02	3.9044 E+05	- 2.7885 E+04	1.9172 E+05	3.6667 E-02	2.2930 E+02	1.5131 E+04	6.3276 E+02	4.8115 E+01	1.1513 E+03	1.3027 E+02	1.8282 E+04	7.0672 E+03	3.0481 E+06
5.7932 E+02	8.1319 E+02	4.6975 E+05	- 2.7885 E+04	1.8462 E+05	3.6667 E-02	2.2930 E+02	1.4698 E+04	5.7042 E+02	4.8115 E+01	1.1210 E+03	2.4942 E+01	1.8282 E+04	3.5336 E+03	4.8994 E+06
5.7932 E+02	7.5898 E+02	5.8611 E+05	- 2.7885 E+04	1.7751 E+05	3.6667 E-02	2.2930 E+02	1.4266 E+04	1.2570 E+03	4.8115 E+01	1.0907 E+03	1.2085 E+02	1.8282 E+04	0.0000 E+00	2.4910 E+07
5.7932 E+02	7.0476 E+02	7.1393 E+05	- 2.7885 E+04	1.7041 E+05	8.5837 E+01	2.2930 E+02	1.3834 E+04	1.3544 E+03	4.8115 E+01	1.0604 E+03	1.6263 E+02	1.4427 E+04	1.5901 E+05	1.0557 E+00
5.7932 E+02	6.5055 E+02	9.3917 E+05	- 2.7885 E+04	1.5621 E+05	6.0783 E+00	2.2930 E+02	1.3402 E+04	5.0282 E+03	4.8115 E+01	1.0301 E+03	4.8247 E+02	1.4427 E+04	1.5548 E+05	3.0710 E+00
5.7932 E+02	5.9634 E+02	1.1187 E+06	- 2.7885 E+04	1.4911 E+05	3.6169 E+00	2.2930 E+02	1.2969 E+04	2.1310 E+03	4.8115 E+01	9.9979 E+02	2.3717 E+02	1.4427 E+04	1.5194 E+05	8.4860 E-02
5.7932 E+02	5.4213 E+02	1.5363 E+06	- 2.7885 E+04	1.4201 E+05	2.3845 E+01	2.2930 E+02	1.2537 E+04	6.2682 E+03	4.8115 E+01	9.6950 E+02	7.0309 E+02	1.4427 E+04	1.4841 E+05	2.5558 E+00
5.7932 E+02	4.8791 E+02	1.8310 E+06	- 2.7885 E+04	1.3491 E+05	2.2092 E+00	2.2930 E+02	1.2105 E+04	8.1411 E+03	4.8115 E+01	9.3920 E+02	7.6687 E+02	1.4427 E+04	1.4488 E+05	1.1759 E+00
5.7932 E+02	4.3370 E+02	2.1225 E+06	- 2.7885 E+04	1.2781 E+05	3.9203 E+01	2.2930 E+02	1.1672 E+04	4.9180 E+03	4.8115 E+01	9.0890 E+02	1.7715 E+03	1.4427 E+04	1.4134 E+05	7.7597 E+00
5.7932 E+02	3.7949 E+02	2.6324 E+06	- 2.7885 E+04	1.2071 E+05	2.1654 E+01	2.2930 E+02	1.1240 E+04	6.7759 E+03	4.8115 E+01	8.7861 E+02	1.6974 E+03	1.4427 E+04	1.3781 E+05	1.8100 E+01
5.7932 E+02	3.2528 E+02	3.0732 E+06	- 2.7885 E+04	1.1361 E+05	5.7245 E+01	2.2930 E+02	1.0808 E+04	1.3115 E+04	4.8115 E+01	8.4831 E+02	2.4764 E+03	1.4427 E+04	1.3428 E+05	1.6972 E-01
5.7932 E+02	2.7106 E+02	3.0913 E+06	- 2.7885 E+04	1.0651 E+05	1.5408 E+02	2.2930 E+02	1.0375 E+04	1.4823 E+04	4.8115 E+01	8.1801 E+02	2.6858 E+03	1.4427 E+04	1.3074 E+05	9.1571 E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.7932 E+02	2.1685 E+02	3.7928 E+06	- 2.7885 E+04	9.9408 E+04	2.3336 E+03	2.2930 E+02	9.9431 E+03	2.5969 E+04	4.8115 E+01	7.8772 E+02	3.8919 E+03	1.4427 E+04	1.2721 E+05	9.7323 E+00
5.7932 E+02	1.6264 E+02	4.4647 E+06	- 2.7885 E+04	9.2308 E+04	4.9680 E+03	2.2930 E+02	9.5108 E+03	3.4995 E+04	4.8115 E+01	7.5742 E+02	4.6774 E+03	1.4427 E+04	1.2368 E+05	4.5352 E+01
5.7932 E+02	1.0843 E+02	7.5838 E+06	- 2.7885 E+04	8.5207 E+04	6.8363 E+03	2.2930 E+02	9.0785 E+03	3.0067 E+04	4.8115 E+01	7.2712 E+02	7.0997 E+03	1.4427 E+04	1.2014 E+05	8.6963 E+01
5.7932 E+02	5.4213 E+01	1.9968 E+07	- 2.7885 E+04	7.8106 E+04	1.4001 E+04	2.2930 E+02	8.6462 E+03	5.0796 E+04	4.8115 E+01	6.9683 E+02	8.7483 E+03	1.4427 E+04	1.1661 E+05	3.2912 E+01
5.7932 E+02	0.0000 E+00	2.4775 E+07	- 2.7885 E+04	7.1006 E+04	2.6745 E+04	2.2930 E+02	8.2139 E+03	6.0958 E+04	4.8115 E+01	6.6653 E+02	1.4942 E+04	1.4427 E+04	1.1307 E+05	2.7056 E+02
5.1758 E+02	2.6022 E+03	5.2785 E-01	- 2.7885 E+04	6.3905 E+04	4.3406 E+04	2.2930 E+02	7.7816 E+03	1.0329 E+05	4.8115 E+01	6.3623 E+02	1.6170 E+04	1.4427 E+04	1.0954 E+05	2.1296 E+02
5.1758 E+02	2.5480 E+03	1.0753 E+01	- 2.7885 E+04	5.6805 E+04	1.0035 E+05	2.2930 E+02	7.3492 E+03	1.2057 E+05	4.8115 E+01	6.0594 E+02	2.5103 E+04	1.4427 E+04	1.0601 E+05	2.5863 E+02
5.1758 E+02	2.4938 E+03	3.4086 E+01	- 2.7885 E+04	4.9704 E+04	2.1469 E+05	2.2930 E+02	6.9169 E+03	1.3274 E+05	4.8115 E+01	5.7564 E+02	3.4828 E+04	1.4427 E+04	1.0247 E+05	5.3973 E+02
5.1758 E+02	2.4396 E+03	2.0858 E+01	- 2.7885 E+04	4.2604 E+04	3.7925 E+05	2.2930 E+02	6.4846 E+03	2.4294 E+05	4.8115 E+01	5.4534 E+02	4.9505 E+04	1.4427 E+04	9.8941 E+04	6.8253 E+02
5.1758 E+02	2.3854 E+03	6.4111 E+00	- 2.7885 E+04	3.5503 E+04	9.2535 E+05	2.2930 E+02	6.0523 E+03	2.9469 E+05	4.8115 E+01	5.1505 E+02	7.0587 E+04	1.4427 E+04	9.5407 E+04	1.0282 E+03
5.1758 E+02	2.3311 E+03	4.6056 E+01	- 2.7885 E+04	2.8402 E+04	1.7594 E+06	2.2930 E+02	5.6200 E+03	4.0315 E+05	4.8115 E+01	4.8475 E+02	8.8925 E+04	1.4427 E+04	9.1873 E+04	1.6020 E+03
5.1758 E+02	2.2769 E+03	3.0708 E+01	- 2.7885 E+04	2.1302 E+04	3.3111 E+06	2.2930 E+02	5.1877 E+03	5.9176 E+05	4.8115 E+01	4.5445 E+02	1.3113 E+05	1.4427 E+04	8.8340 E+04	1.6616 E+03
5.1758 E+02	2.2227 E+03	6.1982 E+01	- 2.7885 E+04	1.4201 E+04	5.3329 E+06	2.2930 E+02	4.7554 E+03	6.3971 E+05	4.8115 E+01	4.2415 E+02	2.2710 E+05	1.4427 E+04	8.4806 E+04	3.1254 E+03
5.1758 E+02	2.1685 E+03	2.5008 E+02	- 2.7885 E+04	7.1006 E+03	1.0101 E+07	2.2930 E+02	4.3231 E+03	1.0817 E+06	4.8115 E+01	3.9386 E+02	3.3168 E+05	1.4427 E+04	8.1273 E+04	3.6022 E+03
5.1758 E+02	2.1143 E+03	1.1697 E+02	- 2.7885 E+04	0.0000 E+00	1.4604 E+07	2.2930 E+02	3.8908 E+03	1.3423 E+06	4.8115 E+01	3.6356 E+02	5.1018 E+05	1.4427 E+04	7.7739 E+04	3.7939 E+03
5.1758 E+02	2.0601 E+03	1.4205 E+02	- 3.5557 E+04	3.5503 E+05	1.3521 E+00	2.2930 E+02	3.4585 E+03	1.6886 E+06	4.8115 E+01	3.3326 E+02	6.3103 E+05	1.4427 E+04	7.4205 E+04	7.4180 E+03
5.1758 E+02	2.0059 E+03	3.4971 E+02	- 3.5557 E+04	3.1953 E+05	1.1769 E+01	2.2930 E+02	3.0262 E+03	2.0807 E+06	4.8115 E+01	3.0297 E+02	1.0069 E+06	1.4427 E+04	7.0672 E+04	7.8165 E+03
5.1758 E+02	1.9517 E+03	3.3821 E+02	- 3.5557 E+04	3.0533 E+05	1.4871 E+01	2.2930 E+02	2.5939 E+03	2.9583 E+06	4.8115 E+01	2.7267 E+02	1.4448 E+06	1.4427 E+04	6.7138 E+04	1.3143 E+04

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.1758 E+02	1.8974 E+03	4.8003 E+02	- 3.5557 E+04	2.9822 E+05	3.1021 E+00	2.2930 E+02	2.1615 E+03	3.5476 E+06	4.8115 E+01	2.4237 E+02	2.0142 E+06	1.4427 E+04	6.3605 E+04	3.2064 E+04
5.1758 E+02	1.8432 E+03	2.5729 E+03	- 3.5557 E+04	2.9112 E+05	4.4542 E+00	2.2930 E+02	1.7292 E+03	4.1202 E+06	4.8115 E+01	2.1208 E+02	3.0837 E+06	1.4427 E+04	6.0071 E+04	4.3025 E+04
5.1758 E+02	1.7890 E+03	1.1525 E+03	- 3.5557 E+04	2.8402 E+05	7.9542 E+00	2.2930 E+02	1.2969 E+03	4.5660 E+06	4.8115 E+01	1.8178 E+02	4.3818 E+06	1.4427 E+04	5.6537 E+04	7.3233 E+04
5.1758 E+02	1.7348 E+03	1.5861 E+03	- 3.5557 E+04	2.7692 E+05	1.0500 E+01	2.2930 E+02	8.6462 E+02	5.4510 E+06	4.8115 E+01	1.5148 E+02	6.1884 E+06	1.4427 E+04	5.3004 E+04	1.0094 E+05
5.1758 E+02	1.6806 E+03	2.9321 E+03	- 3.5557 E+04	2.6982 E+05	1.3958 E+01	2.2930 E+02	4.3231 E+02	1.5850 E+07	4.8115 E+01	1.2119 E+02	7.8802 E+06	1.4427 E+04	4.9470 E+04	1.3533 E+05
5.1758 E+02	1.6264 E+03	5.7954 E+03	- 3.5557 E+04	2.6272 E+05	8.7500 E+00	2.2930 E+02	0.0000 E+00	3.7931 E+07	4.8115 E+01	9.0890 E+01	1.0061 E+07	1.4427 E+04	4.5937 E+04	2.0017 E+05
5.1758 E+02	1.5722 E+03	3.0024 E+03	- 3.5557 E+04	2.5562 E+05	4.1250 E+00	- 2.8448 E+02	1.9886 E+04	9.3803 E+00	4.8115 E+01	6.0594 E+01	2.0622 E+07	1.4427 E+04	4.2403 E+04	2.7382 E+05
5.1758 E+02	1.5180 E+03	6.9671 E+03	- 3.5557 E+04	2.4852 E+05	5.4771 E+00	- 2.8448 E+02	1.9454 E+04	9.0493 E+00	4.8115 E+01	3.0297 E+01	6.7173 E+07	1.4427 E+04	3.8869 E+04	3.2172 E+05
5.1758 E+02	1.4637 E+03	8.1291 E+03	- 3.5557 E+04	2.4142 E+05	1.7867 E+00	- 2.8448 E+02	1.8157 E+04	2.3167 E+00	4.8115 E+01	0.0000 E+00	9.9199 E+07	1.4427 E+04	3.5336 E+04	5.2457 E+05
5.1758 E+02	1.4095 E+03	8.7651 E+03	- 3.5557 E+04	2.3432 E+05	6.2500 E-01	- 2.8448 E+02	1.7725 E+04	6.8171 E+01	1.7239 E+01	1.4542 E+03	8.4860 E-02	1.4427 E+04	3.1802 E+04	6.6393 E+05
5.1758 E+02	1.3553 E+03	1.8095 E+04	- 3.5557 E+04	2.2722 E+05	1.0092 E+01	- 2.8448 E+02	1.7292 E+04	2.5139 E+02	1.7239 E+01	1.4239 E+03	1.5217 E+01	1.4427 E+04	2.8269 E+04	9.8799 E+05
5.1758 E+02	1.3011 E+03	1.9440 E+04	- 3.5557 E+04	2.2012 E+05	1.0717 E+01	- 2.8448 E+02	1.6860 E+04	5.3357 E+01	1.7239 E+01	1.3937 E+03	2.2318 E+00	1.4427 E+04	2.4735 E+04	1.3411 E+06
5.1758 E+02	1.2469 E+03	2.8015 E+04	- 3.5557 E+04	2.1302 E+05	6.6167 E-01	- 2.8448 E+02	1.6428 E+04	5.4735 E+02	1.7239 E+01	1.3634 E+03	2.5000 E+00	1.4427 E+04	2.1202 E+04	1.9227 E+06
5.1758 E+02	1.1927 E+03	3.5806 E+04	- 3.5557 E+04	2.0592 E+05	2.0044 E-01	- 2.8448 E+02	1.5995 E+04	4.6259 E+02	1.7239 E+01	1.3331 E+03	1.7367 E+01	1.4427 E+04	1.7668 E+04	2.4539 E+06
5.1758 E+02	1.1385 E+03	5.3573 E+04	- 3.5557 E+04	1.9882 E+05	7.0028 E-01	- 2.8448 E+02	1.5563 E+04	1.0251 E+03	1.7239 E+01	1.3028 E+03	6.6954 E+00	1.4427 E+04	1.4134 E+04	3.7283 E+06
5.1758 E+02	1.0843 E+03	6.8623 E+04	- 3.5557 E+04	1.9172 E+05	1.2500 E+00	- 2.8448 E+02	1.5131 E+04	9.4350 E+02	1.7239 E+01	1.2725 E+03	2.4760 E+01	1.4427 E+04	1.0601 E+04	5.4815 E+06
5.1758 E+02	1.0300 E+03	9.3550 E+04	- 3.5557 E+04	1.8462 E+05	6.3709 E-01	- 2.8448 E+02	1.4698 E+04	3.4007 E+03	1.7239 E+01	1.2422 E+03	2.5889 E+01	1.4427 E+04	7.0672 E+03	8.1255 E+06
5.1758 E+02	9.7583 E+02	1.0369 E+05	- 3.5557 E+04	1.7751 E+05	1.7988 E+00	- 2.8448 E+02	1.4266 E+04	2.5987 E+03	1.7239 E+01	1.2119 E+03	1.8308 E+01	1.4427 E+04	3.5336 E+03	1.1819 E+07

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.1758 E+02	9.2162 E+02	1.4568 E+05	- 3.5557 E+04	1.6331 E+05	2.8993 E+00	- 2.8448 E+02	1.3834 E+04	5.5407 E+03	1.7239 E+01	1.1816 E+03	9.6542 E+01	1.4427 E+04	0.0000 E+00	5.2619 E+07
5.1758 E+02	8.6740 E+02	1.4832 E+05	- 3.5557 E+04	1.5621 E+05	9.3561 E+01	- 2.8448 E+02	1.3402 E+04	6.7632 E+03	1.7239 E+01	1.1513 E+03	6.3986 E+01	1.0573 E+04	1.5548 E+05	8.4860 E-02
5.1758 E+02	8.1319 E+02	1.7831 E+05	- 3.5557 E+04	1.4911 E+05	1.7316 E+02	- 2.8448 E+02	1.2969 E+04	1.2481 E+04	1.7239 E+01	1.1210 E+03	1.2075 E+02	1.0573 E+04	1.5194 E+05	2.0154 E+00
5.1758 E+02	7.5898 E+02	2.6534 E+05	- 3.5557 E+04	1.4201 E+05	9.7542 E+01	- 2.8448 E+02	1.2537 E+04	1.1368 E+04	1.7239 E+01	1.0907 E+03	1.5803 E+02	1.0573 E+04	1.4841 E+05	4.5003 E+00
5.1758 E+02	7.0476 E+02	2.8212 E+05	- 3.5557 E+04	1.3491 E+05	1.0196 E+02	- 2.8448 E+02	1.2105 E+04	1.6265 E+04	1.7239 E+01	1.0604 E+03	2.8393 E+02	1.0573 E+04	1.4488 E+05	1.3742 E+01
5.1758 E+02	6.5055 E+02	3.4703 E+05	- 3.5557 E+04	1.2781 E+05	1.0055 E+02	- 2.8448 E+02	1.1672 E+04	3.6078 E+04	1.7239 E+01	1.0301 E+03	4.0834 E+02	1.0573 E+04	1.4134 E+05	3.7192 E+00
5.1758 E+02	5.9634 E+02	5.4130 E+05	- 3.5557 E+04	1.2071 E+05	1.3320 E+03	- 2.8448 E+02	1.1240 E+04	4.2247 E+04	1.7239 E+01	9.9979 E+02	4.7069 E+02	1.0573 E+04	1.3781 E+05	5.1600 E+00
5.1758 E+02	5.4213 E+02	6.3871 E+05	- 3.5557 E+04	1.1361 E+05	4.7920 E+02	- 2.8448 E+02	1.0808 E+04	3.0554 E+04	1.7239 E+01	9.6950 E+02	8.2497 E+02	1.0573 E+04	1.3428 E+05	2.5335 E+01
5.1758 E+02	4.8791 E+02	8.7187 E+05	- 3.5557 E+04	1.0651 E+05	5.0090 E+03	- 2.8448 E+02	1.0375 E+04	3.1043 E+04	1.7239 E+01	9.3920 E+02	1.0753 E+03	1.0573 E+04	1.3074 E+05	1.4538 E+01
5.1758 E+02	4.3370 E+02	1.1761 E+06	- 3.5557 E+04	9.9408 E+04	4.3734 E+03	- 2.8448 E+02	9.9431 E+03	2.5288 E+04	1.7239 E+01	9.0890 E+02	1.6878 E+03	1.0573 E+04	1.2721 E+05	3.4944 E+01
5.1758 E+02	3.7949 E+02	1.7234 E+06	- 3.5557 E+04	9.2308 E+04	2.9560 E+03	- 2.8448 E+02	9.5108 E+03	4.5371 E+04	1.7239 E+01	8.7861 E+02	6.5757 E+03	1.0573 E+04	1.2368 E+05	3.6212 E+02
5.1758 E+02	3.2528 E+02	2.3723 E+06	- 3.5557 E+04	8.5207 E+04	9.4291 E+03	- 2.8448 E+02	9.0785 E+03	5.1717 E+04	1.7239 E+01	8.4831 E+02	1.0887 E+04	1.0573 E+04	1.2014 E+05	1.8927 E+02
5.1758 E+02	2.7106 E+02	3.3863 E+06	- 3.5557 E+04	7.8106 E+04	1.8122 E+04	- 2.8448 E+02	8.6462 E+03	9.5818 E+04	1.7239 E+01	8.1801 E+02	7.4165 E+03	1.0573 E+04	1.1661 E+05	1.7357 E+02
5.1758 E+02	2.1685 E+02	4.3308 E+06	- 3.5557 E+04	7.1006 E+04	4.1228 E+04	- 2.8448 E+02	8.2139 E+03	9.4697 E+04	1.7239 E+01	7.8772 E+02	1.7450 E+04	1.0573 E+04	1.1307 E+05	3.4635 E+02
5.1758 E+02	1.6264 E+02	4.7805 E+06	- 3.5557 E+04	6.3905 E+04	3.8773 E+04	- 2.8448 E+02	7.7816 E+03	1.4469 E+05	1.7239 E+01	7.5742 E+02	2.4035 E+04	1.0573 E+04	1.0954 E+05	6.3849 E+01
5.1758 E+02	1.0843 E+02	7.8377 E+06	- 3.5557 E+04	5.6805 E+04	8.9856 E+04	- 2.8448 E+02	7.3492 E+03	1.4746 E+05	1.7239 E+01	7.2712 E+02	2.2414 E+04	1.0573 E+04	1.0601 E+05	3.3861 E+02
5.1758 E+02	5.4213 E+01	2.0134 E+07	- 3.5557 E+04	4.9704 E+04	1.5223 E+05	- 2.8448 E+02	6.9169 E+03	2.0029 E+05	1.7239 E+01	6.9683 E+02	3.4321 E+04	1.0573 E+04	1.0247 E+05	1.3611 E+02
5.1758 E+02	0.0000 E+00	2.7567 E+07	- 3.5557 E+04	4.2604 E+04	4.4245 E+05	- 2.8448 E+02	6.4846 E+03	3.0423 E+05	1.7239 E+01	6.6653 E+02	3.2136 E+04	1.0573 E+04	9.8941 E+04	3.6920 E+02

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.5584 E+02	2.7106 E+03	2.2318 E+00	- 3.5557 E+04	3.5503 E+04	8.1442 E+05	- 2.8448 E+02	6.0523 E+03	3.7551 E+05	1.7239 E+01	6.3623 E+02	3.9606 E+04	1.0573 E+04	9.5407 E+04	1.1410 E+03
4.5584 E+02	2.6564 E+03	2.2318 E+00	- 3.5557 E+04	2.8402 E+04	1.8724 E+06	- 2.8448 E+02	5.6200 E+03	6.2152 E+05	1.7239 E+01	6.0594 E+02	7.1379 E+04	1.0573 E+04	9.1873 E+04	1.1688 E+03
4.5584 E+02	2.6022 E+03	2.5432 E+00	- 3.5557 E+04	2.1302 E+04	3.3543 E+06	- 2.8448 E+02	5.1877 E+03	8.1745 E+05	1.7239 E+01	5.7564 E+02	1.1726 E+05	1.0573 E+04	8.8340 E+04	1.0550 E+03
4.5584 E+02	2.5480 E+03	3.7254 E+01	- 3.5557 E+04	1.4201 E+04	5.5074 E+06	- 2.8448 E+02	4.7554 E+03	1.0519 E+06	1.7239 E+01	5.4534 E+02	1.5118 E+05	1.0573 E+04	8.4806 E+04	2.0255 E+03
4.5584 E+02	2.4938 E+03	4.5003 E+00	- 3.5557 E+04	7.1006 E+03	9.8399 E+06	- 2.8448 E+02	4.3231 E+03	1.3568 E+06	1.7239 E+01	5.1505 E+02	2.1292 E+05	1.0573 E+04	8.1273 E+04	2.8725 E+03
4.5584 E+02	2.4396 E+03	3.6667 E-02	- 3.5557 E+04	0.0000 E+00	1.5484 E+07	- 2.8448 E+02	3.8908 E+03	1.8752 E+06	1.7239 E+01	4.8475 E+02	3.6741 E+05	1.0573 E+04	7.7739 E+04	2.0905 E+03
4.5584 E+02	2.3854 E+03	1.9143 E+01	- 4.3230 E+04	3.4083 E+05	1.3521 E+00	- 2.8448 E+02	3.4585 E+03	2.3719 E+06	1.7239 E+01	4.5445 E+02	5.6052 E+05	1.0573 E+04	7.4205 E+04	5.7541 E+03
4.5584 E+02	2.3311 E+03	9.8103 E+00	- 4.3230 E+04	2.9822 E+05	4.8521 E+00	- 2.8448 E+02	3.0262 E+03	3.0918 E+06	1.7239 E+01	4.2415 E+02	9.3264 E+05	1.0573 E+04	7.0672 E+04	9.0340 E+03
4.5584 E+02	2.2769 E+03	2.6358 E+01	- 4.3230 E+04	2.9112 E+05	3.1021 E+00	- 2.8448 E+02	2.5939 E+03	3.8778 E+06	1.7239 E+01	3.9386 E+02	1.3670 E+06	1.0573 E+04	6.7138 E+04	2.8481 E+04
4.5584 E+02	2.2227 E+03	3.6848 E+01	- 4.3230 E+04	2.8402 E+05	1.1015 E+01	- 2.8448 E+02	2.1615 E+03	4.6863 E+06	1.7239 E+01	3.6356 E+02	2.2438 E+06	1.0573 E+04	6.3605 E+04	3.0959 E+04
4.5584 E+02	2.1685 E+03	5.2913 E+01	- 4.3230 E+04	2.7692 E+05	3.5000 E+00	- 2.8448 E+02	1.7292 E+03	4.8511 E+06	1.7239 E+01	3.3326 E+02	3.1761 E+06	1.0573 E+04	6.0071 E+04	5.5239 E+04
4.5584 E+02	2.1143 E+03	6.0318 E+02	- 4.3230 E+04	2.6982 E+05	1.2167 E+01	- 2.8448 E+02	1.2969 E+03	5.4542 E+06	1.7239 E+01	3.0297 E+02	5.1615 E+06	1.0573 E+04	5.6537 E+04	9.6644 E+04
4.5584 E+02	2.0601 E+03	7.2735 E+02	- 4.3230 E+04	2.6272 E+05	3.1021 E+00	- 2.8448 E+02	8.6462 E+02	7.4016 E+06	1.7239 E+01	2.7267 E+02	7.8178 E+06	1.0573 E+04	5.3004 E+04	1.5302 E+05
4.5584 E+02	2.0059 E+03	5.4077 E+02	- 4.3230 E+04	2.5562 E+05	2.3750 E+00	- 2.8448 E+02	4.3231 E+02	1.8927 E+07	1.7239 E+01	2.4237 E+02	1.2139 E+07	1.0573 E+04	4.9470 E+04	1.9936 E+05
4.5584 E+02	1.9517 E+03	3.0370 E+02	- 4.3230 E+04	2.4852 E+05	1.2504 E+01	- 2.8448 E+02	0.0000 E+00	3.9540 E+07	1.7239 E+01	2.1208 E+02	1.8556 E+07	1.0573 E+04	4.5937 E+04	2.4205 E+05
4.5584 E+02	1.8974 E+03	6.6640 E+02	- 4.3230 E+04	2.4142 E+05	1.7500 E+00	- 7.9827 E+02	2.1183 E+04	6.2500 E-01	1.7239 E+01	1.8178 E+02	2.6096 E+07	1.0573 E+04	4.2403 E+04	2.8508 E+05
4.5584 E+02	1.8432 E+03	6.8991 E+02	- 4.3230 E+04	2.3432 E+05	1.9483 E+00	- 7.9827 E+02	2.0319 E+04	2.2318 E+00	1.7239 E+01	1.5148 E+02	3.5287 E+07	1.0573 E+04	3.8869 E+04	4.0308 E+05
4.5584 E+02	1.7890 E+03	9.9857 E+02	- 4.3230 E+04	2.2722 E+05	2.4628 E+00	- 7.9827 E+02	1.9886 E+04	3.6667 E-02	1.7239 E+01	1.2119 E+02	4.4583 E+07	1.0573 E+04	3.5336 E+04	4.9093 E+05

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.5584 E+02	1.7348 E+03	3.5385 E+03	- 4.3230 E+04	2.2012 E+05	1.0856 E+00	- 7.9827 E+02	1.9454 E+04	4.9539 E+01	1.7239 E+01	9.0890 E+01	5.2932 E+07	1.0573 E+04	3.1802 E+04	7.8406 E+05
4.5584 E+02	1.6806 E+03	1.9215 E+03	- 4.3230 E+04	2.1302 E+05	1.1876 E+01	- 7.9827 E+02	1.9022 E+04	7.1852 E+00	1.7239 E+01	6.0594 E+01	6.9897 E+07	1.0573 E+04	2.8269 E+04	1.1282 E+06
4.5584 E+02	1.6264 E+03	4.9190 E+03	- 4.3230 E+04	2.0592 E+05	1.8750 E+00	- 7.9827 E+02	1.8589 E+04	9.9082 E+00	1.7239 E+01	3.0297 E+01	1.3824 E+08	1.0573 E+04	2.4735 E+04	1.9440 E+06
4.5584 E+02	1.5722 E+03	2.2301 E+03	- 4.3230 E+04	1.9882 E+05	7.3540 E+00	- 7.9827 E+02	1.8157 E+04	1.1809 E+01	1.7239 E+01	0.0000 E+00	2.3027 E+08	1.0573 E+04	2.1202 E+04	3.0101 E+06
4.5584 E+02	1.5180 E+03	3.8293 E+03	- 4.3230 E+04	1.9172 E+05	2.7004 E+00	- 7.9827 E+02	1.7725 E+04	5.8919 E+01	- 1.3638 E+01	1.4542 E+03	2.2318 E+00	1.0573 E+04	1.7668 E+04	5.0058 E+06
4.5584 E+02	1.4637 E+03	3.7415 E+03	- 4.3230 E+04	1.8462 E+05	1.3354 E+00	- 7.9827 E+02	1.7292 E+04	1.2869 E+02	- 1.3638 E+01	1.4239 E+03	1.6972 E-01	1.0573 E+04	1.4134 E+04	7.4084 E+06
4.5584 E+02	1.4095 E+03	9.2158 E+03	- 4.3230 E+04	1.7751 E+05	2.7667 E+00	- 7.9827 E+02	1.6860 E+04	2.5315 E+02	- 1.3638 E+01	1.3937 E+03	1.0753 E+01	1.0573 E+04	1.0601 E+04	1.1124 E+07
4.5584 E+02	1.3553 E+03	8.7748 E+03	- 4.3230 E+04	1.7041 E+05	5.9192 E+00	- 7.9827 E+02	1.6428 E+04	6.5947 E+02	- 1.3638 E+01	1.3634 E+03	1.2985 E+01	1.0573 E+04	7.0672 E+03	1.5970 E+07
4.5584 E+02	1.3011 E+03	8.6459 E+03	- 4.3230 E+04	1.6331 E+05	2.2942 E+01	- 7.9827 E+02	1.5995 E+04	3.2521 E+02	- 1.3638 E+01	1.3331 E+03	3.2401 E-01	1.0573 E+04	3.5336 E+03	2.1061 E+07
4.5584 E+02	1.2469 E+03	1.5153 E+04	- 4.3230 E+04	1.5621 E+05	9.8714 E+01	- 7.9827 E+02	1.5563 E+04	3.6254 E+03	- 1.3638 E+01	1.3028 E+03	7.0435 E+00	1.0573 E+04	0.0000 E+00	8.5078 E+07
4.5584 E+02	1.1927 E+03	1.9187 E+04	- 4.3230 E+04	1.4911 E+05	1.1478 E+01	- 7.9827 E+02	1.5131 E+04	2.5476 E+03	- 1.3638 E+01	1.2725 E+03	1.7232 E+01	6.7180 E+03	1.5548 E+05	6.4802 E-01
4.5584 E+02	1.1385 E+03	1.7388 E+04	- 4.3230 E+04	1.4201 E+05	1.7828 E+02	- 7.9827 E+02	1.4698 E+04	3.2294 E+03	- 1.3638 E+01	1.2422 E+03	2.8730 E+01	6.7180 E+03	1.5194 E+05	1.0783 E+00
4.5584 E+02	1.0843 E+03	2.2999 E+04	- 4.3230 E+04	1.3491 E+05	1.9497 E+01	- 7.9827 E+02	1.4266 E+04	7.0928 E+03	- 1.3638 E+01	1.2119 E+03	5.5527 E+00	6.7180 E+03	1.4841 E+05	2.8240 E+00
4.5584 E+02	1.0300 E+03	2.3559 E+04	- 4.3230 E+04	1.2781 E+05	4.9111 E+01	- 7.9827 E+02	1.3834 E+04	8.4089 E+03	- 1.3638 E+01	1.1816 E+03	1.8650 E+01	6.7180 E+03	1.4488 E+05	7.8164 E-01
4.5584 E+02	9.7583 E+02	4.2575 E+04	- 4.3230 E+04	1.2071 E+05	3.6917 E+02	- 7.9827 E+02	1.3402 E+04	1.1982 E+04	- 1.3638 E+01	1.1513 E+03	1.3270 E+02	6.7180 E+03	1.4134 E+05	1.3957 E+01
4.5584 E+02	9.2162 E+02	5.2028 E+04	- 4.3230 E+04	1.1361 E+05	5.2595 E+02	- 7.9827 E+02	1.2969 E+04	2.4061 E+04	- 1.3638 E+01	1.1210 E+03	2.1795 E+02	6.7180 E+03	1.3781 E+05	7.8568 E+00
4.5584 E+02	8.6740 E+02	5.1440 E+04	- 4.3230 E+04	1.0651 E+05	7.6545 E+02	- 7.9827 E+02	1.2537 E+04	3.4318 E+04	- 1.3638 E+01	1.0907 E+03	8.8880 E+01	6.7180 E+03	1.3428 E+05	6.9781 E+00
4.5584 E+02	8.1319 E+02	7.6537 E+04	- 4.3230 E+04	9.9408 E+04	6.1861 E+03	- 7.9827 E+02	1.2105 E+04	3.9742 E+04	- 1.3638 E+01	1.0604 E+03	2.0015 E+02	6.7180 E+03	1.3074 E+05	1.1746 E+01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.5584 E+02	7.5898 E+02	9.7088 E+04	- 4.3230 E+04	9.2308 E+04	6.3729 E+02	- 7.9827 E+02	1.1672 E+04	4.4545 E+04	- 1.3638 E+01	1.0301 E+03	1.0013 E+02	6.7180 E+03	1.2721 E+05	2.2787 E+01
4.5584 E+02	7.0476 E+02	1.1031 E+05	- 4.3230 E+04	8.5207 E+04	2.3455 E+03	- 7.9827 E+02	1.1240 E+04	6.4252 E+04	- 1.3638 E+01	9.9979 E+02	4.1460 E+02	6.7180 E+03	1.2368 E+05	1.7895 E+02
4.5584 E+02	6.5055 E+02	1.6227 E+05	- 4.3230 E+04	7.8106 E+04	4.5392 E+03	- 7.9827 E+02	1.0808 E+04	6.6113 E+04	- 1.3638 E+01	9.6950 E+02	2.4817 E+02	6.7180 E+03	1.2014 E+05	1.9111 E+02
4.5584 E+02	5.9634 E+02	1.7305 E+05	- 4.3230 E+04	7.1006 E+04	1.9977 E+04	- 7.9827 E+02	1.0375 E+04	8.0724 E+04	- 1.3638 E+01	9.3920 E+02	8.0492 E+02	6.7180 E+03	1.1661 E+05	1.5541 E+01
4.5584 E+02	5.4213 E+02	2.2337 E+05	- 4.3230 E+04	6.3905 E+04	2.5979 E+04	- 7.9827 E+02	9.9431 E+03	8.4408 E+04	- 1.3638 E+01	9.0890 E+02	5.6325 E+03	6.7180 E+03	1.1307 E+05	2.6713 E+01
4.5584 E+02	4.8791 E+02	3.4196 E+05	- 4.3230 E+04	5.6805 E+04	9.5724 E+04	- 7.9827 E+02	9.5108 E+03	9.7065 E+04	- 1.3638 E+01	8.7861 E+02	2.7398 E+03	6.7180 E+03	1.0954 E+05	6.9294 E+01
4.5584 E+02	4.3370 E+02	5.4607 E+05	- 4.3230 E+04	4.9704 E+04	1.0728 E+05	- 7.9827 E+02	9.0785 E+03	7.3113 E+04	- 1.3638 E+01	8.4831 E+02	3.4670 E+03	6.7180 E+03	1.0601 E+05	2.0953 E+02
4.5584 E+02	3.7949 E+02	9.7174 E+05	- 4.3230 E+04	4.2604 E+04	2.6444 E+05	- 7.9827 E+02	8.6462 E+03	1.0008 E+05	- 1.3638 E+01	8.1801 E+02	6.9401 E+03	6.7180 E+03	1.0247 E+05	4.4958 E+02
4.5584 E+02	3.2528 E+02	1.7105 E+06	- 4.3230 E+04	3.5503 E+04	4.7725 E+05	- 7.9827 E+02	8.2139 E+03	1.4530 E+05	- 1.3638 E+01	7.8772 E+02	1.2440 E+04	6.7180 E+03	9.8941 E+04	1.0387 E+02
4.5584 E+02	2.7106 E+02	2.4220 E+06	- 4.3230 E+04	2.8402 E+04	1.2844 E+06	- 7.9827 E+02	7.7816 E+03	1.4439 E+05	- 1.3638 E+01	7.5742 E+02	7.1177 E+03	6.7180 E+03	9.5407 E+04	3.9716 E+02
4.5584 E+02	2.1685 E+02	3.5857 E+06	- 4.3230 E+04	2.1302 E+04	2.5201 E+06	- 7.9827 E+02	7.3492 E+03	2.1022 E+05	- 1.3638 E+01	7.2712 E+02	1.8944 E+04	6.7180 E+03	9.1873 E+04	3.2672 E+02
4.5584 E+02	1.6264 E+02	4.7951 E+06	- 4.3230 E+04	1.4201 E+04	4.2706 E+06	- 7.9827 E+02	6.9169 E+03	3.0801 E+05	- 1.3638 E+01	6.9683 E+02	1.5639 E+04	6.7180 E+03	8.8340 E+04	8.7102 E+02
4.5584 E+02	1.0843 E+02	7.5558 E+06	- 4.3230 E+04	7.1006 E+03	7.9603 E+06	- 7.9827 E+02	6.4846 E+03	4.2115 E+05	- 1.3638 E+01	6.6653 E+02	2.4563 E+04	6.7180 E+03	8.4806 E+04	4.4560 E+02
4.5584 E+02	5.4213 E+01	2.0567 E+07	- 4.3230 E+04	0.0000 E+00	1.3928 E+07	- 7.9827 E+02	6.0523 E+03	4.5852 E+05	- 1.3638 E+01	6.3623 E+02	2.6648 E+04	6.7180 E+03	8.1273 E+04	7.9239 E+02
4.5584 E+02	0.0000 E+00	2.9724 E+07	- 5.0902 E+04	3.1243 E+05	1.3521 E+00	- 7.9827 E+02	5.6200 E+03	5.8380 E+05	- 1.3638 E+01	6.0594 E+02	4.9407 E+04	6.7180 E+03	7.7739 E+04	9.7645 E+02
3.9410 E+02	2.7106 E+03	2.2318 E+00	- 5.0902 E+04	3.0533 E+05	3.6667 E-02	- 7.9827 E+02	5.1877 E+03	8.1642 E+05	- 1.3638 E+01	5.7564 E+02	4.7918 E+04	6.7180 E+03	7.4205 E+04	3.5919 E+03
3.9410 E+02	2.5480 E+03	4.4636 E+00	- 5.0902 E+04	2.9822 E+05	1.3521 E+00	- 7.9827 E+02	4.7554 E+03	1.1092 E+06	- 1.3638 E+01	5.4534 E+02	9.4065 E+04	6.7180 E+03	7.0672 E+04	4.8829 E+03
3.9410 E+02	2.4938 E+03	3.3834 E+01	- 5.0902 E+04	2.9112 E+05	6.5606 E+00	- 7.9827 E+02	4.3231 E+03	1.4265 E+06	- 1.3638 E+01	5.1505 E+02	1.2487 E+05	6.7180 E+03	6.7138 E+04	5.3350 E+03

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.9410 E+02	2.4396 E+03	2.7596 E+00	- 5.0902 E+04	2.8402 E+05	1.8330 E+01	- 7.9827 E+02	3.8908 E+03	1.7699 E+06	- 1.3638 E+01	4.8475 E+02	1.7021 E+05	6.7180 E+03	6.3605 E+04	1.5753 E+04
3.9410 E+02	2.3854 E+03	2.5011 E+01	- 5.0902 E+04	2.7692 E+05	2.7042 E+00	- 7.9827 E+02	3.4585 E+03	2.2212 E+06	- 1.3638 E+01	4.5445 E+02	2.4078 E+05	6.7180 E+03	6.0071 E+04	2.4143 E+04
3.9410 E+02	2.3311 E+03	5.1532 E+01	- 5.0902 E+04	2.6982 E+05	1.3888 E+00	- 7.9827 E+02	3.0262 E+03	2.8463 E+06	- 1.3638 E+01	4.2415 E+02	4.4262 E+05	6.7180 E+03	5.6537 E+04	2.9390 E+04
3.9410 E+02	2.2769 E+03	4.0067 E+01	- 5.0902 E+04	2.6272 E+05	1.0720 E+01	- 7.9827 E+02	2.5939 E+03	3.7241 E+06	- 1.3638 E+01	3.9386 E+02	6.3636 E+05	6.7180 E+03	5.3004 E+04	5.5247 E+04
3.9410 E+02	2.2227 E+03	5.0636 E+02	- 5.0902 E+04	2.5562 E+05	6.5606 E+00	- 7.9827 E+02	2.1615 E+03	3.7646 E+06	- 1.3638 E+01	3.6356 E+02	1.1254 E+06	6.7180 E+03	4.9470 E+04	7.2121 E+04
3.9410 E+02	2.1685 E+03	5.1991 E+02	- 5.0902 E+04	2.4852 E+05	7.6649 E+00	- 7.9827 E+02	1.7292 E+03	4.2269 E+06	- 1.3638 E+01	3.3326 E+02	1.4165 E+06	6.7180 E+03	4.5937 E+04	9.7945 E+04
3.9410 E+02	2.1143 E+03	1.2990 E+02	- 5.0902 E+04	2.4142 E+05	3.5367 E+00	- 7.9827 E+02	1.2969 E+03	4.2864 E+06	- 1.3638 E+01	3.0297 E+02	2.2890 E+06	6.7180 E+03	4.2403 E+04	1.4227 E+05
3.9410 E+02	2.0601 E+03	4.2783 E+01	- 5.0902 E+04	2.3432 E+05	1.6441 E+01	- 7.9827 E+02	8.6462 E+02	5.8512 E+06	- 1.3638 E+01	2.7267 E+02	3.4504 E+06	6.7180 E+03	3.8869 E+04	2.7432 E+05
3.9410 E+02	2.0059 E+03	1.5547 E+02	- 5.0902 E+04	2.2722 E+05	2.8702 E+01	- 7.9827 E+02	4.3231 E+02	1.4678 E+07	- 1.3638 E+01	2.4237 E+02	5.5403 E+06	6.7180 E+03	3.5336 E+04	3.9477 E+05
3.9410 E+02	1.9517 E+03	2.4400 E+02	- 5.0902 E+04	2.2012 E+05	7.8613 E-01	- 7.9827 E+02	0.0000 E+00	3.3794 E+07	- 1.3638 E+01	2.1208 E+02	8.9822 E+06	6.7180 E+03	3.1802 E+04	5.9346 E+05
3.9410 E+02	1.8974 E+03	4.4711 E+02	- 5.0902 E+04	2.1302 E+05	4.9729 E-01	- 1.3120 E+03	1.9886 E+04	3.1677 E+00	- 1.3638 E+01	1.8178 E+02	1.3274 E+07	6.7180 E+03	2.8269 E+04	1.2962 E+06
3.9410 E+02	1.8432 E+03	2.6265 E+02	- 5.0902 E+04	2.0592 E+05	1.1875 E+00	- 1.3120 E+03	1.9454 E+04	2.2318 E+00	- 1.3638 E+01	1.5148 E+02	1.9621 E+07	6.7180 E+03	2.4735 E+04	2.3040 E+06
3.9410 E+02	1.7890 E+03	3.7719 E+02	- 5.0902 E+04	1.9882 E+05	1.3378 E+00	- 1.3120 E+03	1.8589 E+04	8.3117 E+01	- 1.3638 E+01	1.2119 E+02	2.7042 E+07	6.7180 E+03	2.1202 E+04	3.4521 E+06
3.9410 E+02	1.7348 E+03	1.4065 E+03	- 5.0902 E+04	1.9172 E+05	1.7171 E+00	- 1.3120 E+03	1.8157 E+04	1.9342 E+01	- 1.3638 E+01	9.0890 E+01	3.4011 E+07	6.7180 E+03	1.7668 E+04	6.3509 E+06
3.9410 E+02	1.6806 E+03	2.3361 E+03	- 5.0902 E+04	1.8462 E+05	1.0964 E+02	- 1.3120 E+03	1.7725 E+04	2.9307 E+01	- 1.3638 E+01	6.0594 E+01	4.8354 E+07	6.7180 E+03	1.4134 E+04	1.0306 E+07
3.9410 E+02	1.6264 E+03	4.0061 E+02	- 5.0902 E+04	1.7751 E+05	9.1395 E+00	- 1.3120 E+03	1.7292 E+04	1.2908 E+02	- 1.3638 E+01	3.0297 E+01	1.0718 E+08	6.7180 E+03	1.0601 E+04	1.4358 E+07
3.9410 E+02	1.5722 E+03	2.8392 E+03	- 5.0902 E+04	1.7041 E+05	9.8945 E+00	- 1.3120 E+03	1.6860 E+04	3.1547 E+02	- 1.3638 E+01	0.0000 E+00	2.1053 E+08	6.7180 E+03	7.0672 E+03	1.9876 E+07
3.9410 E+02	1.5180 E+03	1.5739 E+03	- 5.0902 E+04	1.6331 E+05	8.2980 E+00	- 1.3120 E+03	1.6428 E+04	9.1715 E+02	- 4.4514 E+01	1.3028 E+03	1.2985 E+01	6.7180 E+03	3.5336 E+03	2.4654 E+07

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.9410 E+02	1.4637 E+03	2.3672 E+03	- 5.0902 E+04	1.5621 E+05	9.1613 E+01	- 1.3120 E+03	1.5995 E+04	1.4099 E+03	- 4.4514 E+01	1.2725 E+03	3.2401 E-01	6.7180 E+03	0.0000 E+00	9.9495 E+07
3.9410 E+02	1.4095 E+03	3.2660 E+03	- 5.0902 E+04	1.4911 E+05	1.7885 E+02	- 1.3120 E+03	1.5563 E+04	9.9735 E+02	- 4.4514 E+01	1.2422 E+03	4.4636 E+00	2.8634 E+03	1.5548 E+05	3.0278 E+00
3.9410 E+02	1.3553 E+03	3.0625 E+03	- 5.0902 E+04	1.4201 E+05	5.4074 E+02	- 1.3120 E+03	1.5131 E+04	3.6326 E+03	- 4.4514 E+01	1.2119 E+03	7.2963 E+00	2.8634 E+03	1.5194 E+05	5.0000 E+00
3.9410 E+02	1.3011 E+03	7.2211 E+03	- 5.0902 E+04	1.3491 E+05	1.3642 E+02	- 1.3120 E+03	1.4698 E+04	3.7428 E+03	- 4.4514 E+01	1.1816 E+03	9.5774 E-01	2.8634 E+03	1.4841 E+05	7.3288 E-01
3.9410 E+02	1.2469 E+03	8.7491 E+03	- 5.0902 E+04	1.2781 E+05	3.9058 E+02	- 1.3120 E+03	1.4266 E+04	8.3581 E+03	- 4.4514 E+01	1.1513 E+03	5.5313 E+00	2.8634 E+03	1.4488 E+05	2.5675 E+00
3.9410 E+02	1.1927 E+03	6.8746 E+03	- 5.0902 E+04	1.2071 E+05	5.4443 E+02	- 1.3120 E+03	1.3834 E+04	1.1889 E+04	- 4.4514 E+01	1.1210 E+03	4.3583 E+01	2.8634 E+03	1.4134 E+05	1.0708 E+01
3.9410 E+02	1.1385 E+03	8.9132 E+03	- 5.0902 E+04	1.1361 E+05	1.0925 E+03	- 1.3120 E+03	1.3402 E+04	2.0020 E+04	- 4.4514 E+01	1.0907 E+03	2.2764 E+01	2.8634 E+03	1.3781 E+05	7.0520 E+00
3.9410 E+02	1.0843 E+03	1.0296 E+04	- 5.0902 E+04	1.0651 E+05	2.8660 E+03	- 1.3120 E+03	1.2969 E+04	1.8799 E+04	- 4.4514 E+01	1.0604 E+03	4.2803 E+01	2.8634 E+03	1.3428 E+05	9.8167 E+00
3.9410 E+02	1.0300 E+03	1.5586 E+04	- 5.0902 E+04	9.9408 E+04	9.6346 E+02	- 1.3120 E+03	1.2537 E+04	2.3843 E+04	- 4.4514 E+01	1.0301 E+03	7.7410 E+01	2.8634 E+03	1.3074 E+05	1.1875 E+01
3.9410 E+02	9.7583 E+02	1.7848 E+04	- 5.0902 E+04	9.2308 E+04	3.5940 E+03	- 1.3120 E+03	1.2105 E+04	2.6412 E+04	- 4.4514 E+01	9.9979 E+02	6.6019 E+01	2.8634 E+03	1.2721 E+05	8.6113 E+01
3.9410 E+02	9.2162 E+02	2.2049 E+04	- 5.0902 E+04	8.5207 E+04	6.1087 E+03	- 1.3120 E+03	1.1672 E+04	2.4952 E+04	- 4.4514 E+01	9.6950 E+02	2.3042 E+01	2.8634 E+03	1.2368 E+05	1.2045 E+01
3.9410 E+02	8.6740 E+02	2.8489 E+04	- 5.0902 E+04	7.8106 E+04	1.3568 E+04	- 1.3120 E+03	1.1240 E+04	3.1458 E+04	- 4.4514 E+01	9.3920 E+02	1.5624 E+02	2.8634 E+03	1.2014 E+05	9.2684 E+00
3.9410 E+02	8.1319 E+02	2.6481 E+04	- 5.0902 E+04	7.1006 E+04	1.1372 E+04	- 1.3120 E+03	1.0808 E+04	6.7114 E+04	- 4.4514 E+01	9.0890 E+02	1.6886 E+02	2.8634 E+03	1.1661 E+05	2.8085 E+01
3.9410 E+02	7.5898 E+02	4.1580 E+04	- 5.0902 E+04	6.3905 E+04	1.7465 E+04	- 1.3120 E+03	1.0375 E+04	8.3609 E+04	- 4.4514 E+01	8.7861 E+02	1.5376 E+02	2.8634 E+03	1.1307 E+05	1.4133 E+01
3.9410 E+02	7.0476 E+02	4.4951 E+04	- 5.0902 E+04	5.6805 E+04	4.2313 E+04	- 1.3120 E+03	9.9431 E+03	8.6788 E+04	- 4.4514 E+01	8.4831 E+02	3.9614 E+02	2.8634 E+03	1.0954 E+05	1.8885 E+02
3.9410 E+02	6.5055 E+02	6.0026 E+04	- 5.0902 E+04	4.9704 E+04	6.7835 E+04	- 1.3120 E+03	9.5108 E+03	1.1520 E+05	- 4.4514 E+01	8.1801 E+02	1.1633 E+03	2.8634 E+03	1.0601 E+05	1.4353 E+01
3.9410 E+02	5.9634 E+02	9.7283 E+04	- 5.0902 E+04	4.2604 E+04	2.6891 E+05	- 1.3120 E+03	9.0785 E+03	1.4558 E+05	- 4.4514 E+01	7.8772 E+02	1.9574 E+03	2.8634 E+03	1.0247 E+05	7.5182 E+01
3.9410 E+02	5.4213 E+02	2.3963 E+05	- 5.0902 E+04	3.5503 E+04	5.6061 E+05	- 1.3120 E+03	8.6462 E+03	1.2963 E+05	- 4.4514 E+01	7.5742 E+02	1.0745 E+03	2.8634 E+03	9.8941 E+04	3.1995 E+01

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.9410 E+02	4.8791 E+02	2.9257 E+05	- 5.0902 E+04	2.8402 E+04	1.1676 E+06	- 1.3120 E+03	8.2139 E+03	1.5561 E+05	- 4.4514 E+01	7.2712 E+02	2.9266 E+03	2.8634 E+03	9.5407 E+04	3.9733 E+02
3.9410 E+02	4.3370 E+02	6.0440 E+05	- 5.0902 E+04	2.1302 E+04	2.0194 E+06	- 1.3120 E+03	7.7816 E+03	1.7109 E+05	- 4.4514 E+01	6.9683 E+02	1.1225 E+03	2.8634 E+03	9.1873 E+04	7.4544 E+01
3.9410 E+02	3.7949 E+02	8.6041 E+05	- 5.0902 E+04	1.4201 E+04	2.4424 E+06	- 1.3120 E+03	7.3492 E+03	2.6078 E+05	- 4.4514 E+01	6.6653 E+02	1.9924 E+03	2.8634 E+03	8.8340 E+04	2.5189 E+02
3.9410 E+02	3.2528 E+02	1.8729 E+06	- 5.0902 E+04	7.1006 E+03	5.4032 E+06	- 1.3120 E+03	6.9169 E+03	2.6868 E+05	- 4.4514 E+01	6.3623 E+02	5.5428 E+03	2.8634 E+03	8.4806 E+04	2.6251 E+02
3.9410 E+02	2.7106 E+02	3.0439 E+06	- 5.0902 E+04	0.0000 E+00	1.1548 E+07	- 1.3120 E+03	6.4846 E+03	3.8414 E+05	- 4.4514 E+01	6.0594 E+02	7.2722 E+03	2.8634 E+03	8.1273 E+04	1.7043 E+02
3.9410 E+02	2.1685 E+02	3.7284 E+06	- 5.8575 E+04	2.8402 E+05	1.3521 E+00	- 1.3120 E+03	6.0523 E+03	5.6957 E+05	- 4.4514 E+01	5.7564 E+02	8.2968 E+03	2.8634 E+03	7.7739 E+04	1.9809 E+02
3.9410 E+02	1.6264 E+02	4.9340 E+06	- 5.8575 E+04	2.6982 E+05	9.2648 E+00	- 1.3120 E+03	5.6200 E+03	7.2269 E+05	- 4.4514 E+01	5.4534 E+02	9.9981 E+03	2.8634 E+03	7.4205 E+04	3.3178 E+03
3.9410 E+02	1.0843 E+02	7.1324 E+06	- 5.8575 E+04	2.6272 E+05	3.6667 E-02	- 1.3120 E+03	5.1877 E+03	8.6463 E+05	- 4.4514 E+01	5.1505 E+02	1.0952 E+04	2.8634 E+03	7.0672 E+04	4.1394 E+03
3.9410 E+02	5.4213 E+01	1.7181 E+07	- 5.8575 E+04	2.5562 E+05	1.8282 E+01	- 1.3120 E+03	4.7554 E+03	1.0881 E+06	- 4.4514 E+01	4.8475 E+02	1.4989 E+04	2.8634 E+03	6.7138 E+04	1.0234 E+04
3.9410 E+02	0.0000 E+00	3.0669 E+07	- 5.8575 E+04	2.4852 E+05	2.7042 E+00	- 1.3120 E+03	4.3231 E+03	1.4458 E+06	- 4.4514 E+01	4.5445 E+02	1.7155 E+04	2.8634 E+03	6.3605 E+04	1.3283 E+04
3.3236 E+02	2.6564 E+03	1.9275 E+01	- 5.8575 E+04	2.4142 E+05	1.3521 E+00	- 1.3120 E+03	3.8908 E+03	1.8566 E+06	- 4.4514 E+01	4.2415 E+02	3.5151 E+04	2.8634 E+03	6.0071 E+04	1.5679 E+04
3.3236 E+02	2.4938 E+03	8.5215 E+00	- 5.8575 E+04	2.3432 E+05	3.6667 E-02	- 1.3120 E+03	3.4585 E+03	2.5132 E+06	- 4.4514 E+01	3.9386 E+02	2.2619 E+04	2.8634 E+03	5.6537 E+04	3.8397 E+04
3.3236 E+02	2.4396 E+03	4.4636 E+00	- 5.8575 E+04	2.2722 E+05	2.4810 E+01	- 1.3120 E+03	3.0262 E+03	2.7917 E+06	- 4.4514 E+01	3.6356 E+02	4.4094 E+04	2.8634 E+03	5.3004 E+04	3.2310 E+04
3.3236 E+02	2.3854 E+03	2.9861 E+01	- 5.8575 E+04	2.2012 E+05	3.4392 E+01	- 1.3120 E+03	2.5939 E+03	2.9919 E+06	- 4.4514 E+01	3.3326 E+02	6.2420 E+04	2.8634 E+03	4.9470 E+04	4.3964 E+04
3.3236 E+02	2.3311 E+03	6.6798 E+01	- 5.8575 E+04	2.1302 E+05	2.0393 E+01	- 1.3120 E+03	2.1615 E+03	3.0800 E+06	- 4.4514 E+01	3.0297 E+02	8.4398 E+04	2.8634 E+03	4.5937 E+04	9.3679 E+04
3.3236 E+02	2.2769 E+03	1.4221 E+01	- 5.8575 E+04	2.0592 E+05	3.8527 E+00	- 1.3120 E+03	1.7292 E+03	3.2409 E+06	- 4.4514 E+01	2.7267 E+02	1.3629 E+05	2.8634 E+03	4.2403 E+04	1.4062 E+05
3.3236 E+02	2.2227 E+03	3.8951 E+01	- 5.8575 E+04	1.9882 E+05	1.4971 E+01	- 1.3120 E+03	1.2969 E+03	3.5646 E+06	- 4.4514 E+01	2.4237 E+02	1.8787 E+05	2.8634 E+03	3.8869 E+04	2.3070 E+05
3.3236 E+02	2.1685 E+03	3.1153 E+01	- 5.8575 E+04	1.9172 E+05	1.2221 E+02	- 1.3120 E+03	8.6462 E+02	4.9741 E+06	- 4.4514 E+01	2.1208 E+02	2.6836 E+05	2.8634 E+03	3.5336 E+04	3.7478 E+05

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.3236 E+02	2.1143 E+03	1.4744 E+01	- 5.8575 E+04	1.8462 E+05	7.6958 E+00	- 1.3120 E+03	4.3231 E+02	1.2308 E+07	- 4.4514 E+01	1.8178 E+02	4.7032 E+05	2.8634 E+03	3.1802 E+04	6.1783 E+05
3.3236 E+02	2.0601 E+03	9.4976 E+01	- 5.8575 E+04	1.7751 E+05	7.1394 E+01	- 1.3120 E+03	0.0000 E+00	2.6485 E+07	- 4.4514 E+01	1.5148 E+02	6.5354 E+05	2.8634 E+03	2.8269 E+04	1.1506 E+06
3.3236 E+02	2.0059 E+03	1.0727 E+01	- 5.8575 E+04	1.7041 E+05	1.0913 E+02	- 1.8258 E+03	2.0319 E+04	2.0634 E+01	- 4.4514 E+01	1.2119 E+02	9.4091 E+05	2.8634 E+03	2.4735 E+04	2.0142 E+06
3.3236 E+02	1.9517 E+03	4.6553 E+01	- 5.8575 E+04	1.6331 E+05	1.1535 E+02	- 1.8258 E+03	1.9886 E+04	4.9539 E+01	- 4.4514 E+01	9.0890 E+01	1.6424 E+06	2.8634 E+03	2.1202 E+04	3.9351 E+06
3.3236 E+02	1.8974 E+03	1.0302 E+03	- 5.8575 E+04	1.5621 E+05	1.1863 E+02	- 1.8258 E+03	1.9454 E+04	3.2875 E+00	- 4.4514 E+01	6.0594 E+01	5.7478 E+06	2.8634 E+03	1.7668 E+04	6.9079 E+06
3.3236 E+02	1.8432 E+03	5.4173 E+01	- 5.8575 E+04	1.4911 E+05	4.1774 E+02	- 1.8258 E+03	1.9022 E+04	7.3333 E-02	- 4.4514 E+01	3.0297 E+01	2.8345 E+07	2.8634 E+03	1.4134 E+04	1.1712 E+07
3.3236 E+02	1.7890 E+03	8.0549 E+01	- 5.8575 E+04	1.4201 E+05	2.3882 E+02	- 1.8258 E+03	1.8589 E+04	5.8145 E+01	- 4.4514 E+01	0.0000 E+00	5.9753 E+07	2.8634 E+03	1.0601 E+04	1.8784 E+07
3.3236 E+02	1.7348 E+03	3.0374 E+02	- 5.8575 E+04	1.3491 E+05	6.7294 E+02	- 1.8258 E+03	1.8157 E+04	7.0535 E+00	- 7.5390 E+01	1.2725 E+03	8.4860 E-02	2.8634 E+03	7.0672 E+03	2.9153 E+07
3.3236 E+02	1.6806 E+03	2.7466 E+02	- 5.8575 E+04	1.2781 E+05	9.6912 E+02	- 1.8258 E+03	1.7725 E+04	3.1301 E+02	- 7.5390 E+01	1.1210 E+03	3.6667 E-02	2.8634 E+03	3.5336 E+03	3.6792 E+07
3.3236 E+02	1.6264 E+03	1.2933 E+02	- 5.8575 E+04	1.2071 E+05	2.5029 E+03	- 1.8258 E+03	1.7292 E+04	3.8141 E+02	- 7.5390 E+01	1.0301 E+03	2.3394 E+00	2.8634 E+03	0.0000 E+00	1.0707 E+08
3.3236 E+02	1.5722 E+03	4.1803 E+02	- 5.8575 E+04	1.1361 E+05	1.0297 E+03	- 1.8258 E+03	1.6860 E+04	3.3732 E+02	- 7.5390 E+01	9.9979 E+02	1.9440 E-03	- 9.9126 E+02	1.5548 E+05	8.4860 E-02
3.3236 E+02	1.5180 E+03	5.1979 E+02	- 5.8575 E+04	1.0651 E+05	1.5799 E+03	- 1.8258 E+03	1.6428 E+04	6.4698 E+02	- 7.5390 E+01	9.6950 E+02	3.8881 E-03	- 9.9126 E+02	1.5194 E+05	2.5000 E+00
3.3236 E+02	1.4637 E+03	9.7751 E+02	- 5.8575 E+04	9.9408 E+04	2.7858 E+03	- 1.8258 E+03	1.5995 E+04	1.3610 E+03	- 7.5390 E+01	9.3920 E+02	3.6837 E+01	- 9.9126 E+02	1.4841 E+05	8.4860 E-02
3.3236 E+02	1.4095 E+03	1.2538 E+03	- 5.8575 E+04	9.2308 E+04	4.5848 E+03	- 1.8258 E+03	1.5563 E+04	1.1073 E+03	- 7.5390 E+01	9.0890 E+02	4.6353 E+00	- 9.9126 E+02	1.4134 E+05	5.1727 E+00
3.3236 E+02	1.3553 E+03	1.5046 E+03	- 5.8575 E+04	8.5207 E+04	5.0562 E+03	- 1.8258 E+03	1.5131 E+04	1.3621 E+03	- 7.5390 E+01	8.7861 E+02	4.5003 E+00	- 9.9126 E+02	1.3781 E+05	5.0000 E+00
3.3236 E+02	1.3011 E+03	1.0483 E+03	- 5.8575 E+04	7.8106 E+04	6.9014 E+03	- 1.8258 E+03	1.4698 E+04	3.2797 E+03	- 7.5390 E+01	8.4831 E+02	2.1507 E+01	- 9.9126 E+02	1.2721 E+05	7.6886 E+00
3.3236 E+02	1.2469 E+03	1.7925 E+03	- 5.8575 E+04	7.1006 E+04	9.3788 E+03	- 1.8258 E+03	1.4266 E+04	3.6013 E+03	- 7.5390 E+01	8.1801 E+02	1.0283 E+01	- 9.9126 E+02	1.2368 E+05	7.0986 E-01
3.3236 E+02	1.1927 E+03	1.5592 E+03	- 5.8575 E+04	6.3905 E+04	2.7979 E+04	- 1.8258 E+03	1.3834 E+04	5.3878 E+03	- 7.5390 E+01	7.8772 E+02	3.5677 E+01	- 9.9126 E+02	1.2014 E+05	1.4675 E+00

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.3236 E+02	1.1385 E+03	3.3018 E+03	- 5.8575 E+04	5.6805 E+04	3.6446 E+04	- 1.8258 E+03	1.3402 E+04	4.1570 E+03	- 7.5390 E+01	7.5742 E+02	1.0404 E+02	- 9.9126 E+02	1.1661 E+05	6.5839 E+00
3.3236 E+02	1.0843 E+03	5.0930 E+03	- 5.8575 E+04	4.9704 E+04	7.6161 E+04	- 1.8258 E+03	1.2969 E+04	7.3983 E+03	- 7.5390 E+01	7.2712 E+02	9.0150 E+01	- 9.9126 E+02	1.1307 E+05	1.2386 E+01
3.3236 E+02	1.0300 E+03	3.8215 E+03	- 5.8575 E+04	4.2604 E+04	3.4339 E+05	- 1.8258 E+03	1.2537 E+04	4.2191 E+03	- 7.5390 E+01	6.9683 E+02	2.9980 E+02	- 9.9126 E+02	1.0954 E+05	1.6011 E+01
3.3236 E+02	9.7583 E+02	6.1536 E+03	- 5.8575 E+04	3.5503 E+04	5.6210 E+05	- 1.8258 E+03	1.2105 E+04	2.1873 E+04	- 7.5390 E+01	6.6653 E+02	5.1938 E+02	- 9.9126 E+02	1.0601 E+05	9.2275 E+01
3.3236 E+02	9.2162 E+02	4.7478 E+03	- 5.8575 E+04	2.8402 E+04	1.2730 E+06	- 1.8258 E+03	1.1672 E+04	2.3823 E+04	- 7.5390 E+01	6.3623 E+02	5.1618 E+02	- 9.9126 E+02	1.0247 E+05	9.5404 E+01
3.3236 E+02	8.6740 E+02	1.1325 E+04	- 5.8575 E+04	2.1302 E+04	2.0171 E+06	- 1.8258 E+03	1.1240 E+04	1.7491 E+04	- 7.5390 E+01	6.0594 E+02	5.2557 E+02	- 9.9126 E+02	9.8941 E+04	9.9213 E+01
3.3236 E+02	8.1319 E+02	1.0558 E+04	- 5.8575 E+04	1.4201 E+04	3.1805 E+06	- 1.8258 E+03	1.0808 E+04	2.9478 E+04	- 7.5390 E+01	5.7564 E+02	8.1048 E+02	- 9.9126 E+02	9.5407 E+04	2.8733 E+01
3.3236 E+02	7.5898 E+02	1.6238 E+04	- 5.8575 E+04	7.1006 E+03	5.9080 E+06	- 1.8258 E+03	1.0375 E+04	4.5326 E+04	- 7.5390 E+01	5.4534 E+02	1.2002 E+03	- 9.9126 E+02	9.1873 E+04	7.7496 E+01
3.3236 E+02	7.0476 E+02	3.2867 E+04	- 5.8575 E+04	0.0000 E+00	1.3891 E+07	- 1.8258 E+03	9.9431 E+03	4.7638 E+04	- 7.5390 E+01	5.1505 E+02	6.9664 E+02	- 9.9126 E+02	8.8340 E+04	4.5468 E+01
3.3236 E+02	6.5055 E+02	4.3161 E+04	- 6.6247 E+04	2.9822 E+05	2.7042 E+00	- 1.8258 E+03	9.5108 E+03	9.4758 E+04	- 7.5390 E+01	4.8475 E+02	1.7024 E+03	- 9.9126 E+02	8.4806 E+04	1.6347 E+02
3.3236 E+02	5.9634 E+02	6.2271 E+04	- 6.6247 E+04	2.9112 E+05	1.3521 E+00	- 1.8258 E+03	9.0785 E+03	1.4355 E+05	- 7.5390 E+01	4.5445 E+02	1.2923 E+03	- 9.9126 E+02	8.1273 E+04	2.8707 E+03
3.3236 E+02	5.4213 E+02	1.8147 E+05	- 6.6247 E+04	2.6982 E+05	5.2085 E+00	- 1.8258 E+03	8.6462 E+03	1.8069 E+05	- 7.5390 E+01	4.2415 E+02	2.0448 E+03	- 9.9126 E+02	7.7739 E+04	2.7471 E+03
3.3236 E+02	4.8791 E+02	2.8034 E+05	- 6.6247 E+04	2.6272 E+05	2.7042 E+00	- 1.8258 E+03	8.2139 E+03	2.2547 E+05	- 7.5390 E+01	3.9386 E+02	1.8290 E+03	- 9.9126 E+02	7.4205 E+04	1.1380 E+04
3.3236 E+02	4.3370 E+02	5.8366 E+05	- 6.6247 E+04	2.4852 E+05	4.9283 E+00	- 1.8258 E+03	7.7816 E+03	2.9631 E+05	- 7.5390 E+01	3.6356 E+02	3.1793 E+03	- 9.9126 E+02	7.0672 E+04	6.4603 E+03
3.3236 E+02	3.7949 E+02	9.8118 E+05	- 6.6247 E+04	2.4142 E+05	1.3888 E+00	- 1.8258 E+03	7.3492 E+03	3.3161 E+05	- 7.5390 E+01	3.3326 E+02	7.4808 E+03	- 9.9126 E+02	6.7138 E+04	2.6038 E+03
3.3236 E+02	3.2528 E+02	1.7097 E+06	- 6.6247 E+04	2.3432 E+05	1.0580 E+01	- 1.8258 E+03	6.9169 E+03	4.1801 E+05	- 7.5390 E+01	3.0297 E+02	9.8419 E+03	- 9.9126 E+02	6.3605 E+04	1.3521 E+04
3.3236 E+02	2.7106 E+02	2.7728 E+06	- 6.6247 E+04	2.2722 E+05	7.3540 E+00	- 1.8258 E+03	6.4846 E+03	5.0309 E+05	- 7.5390 E+01	2.7267 E+02	1.4593 E+04	- 9.9126 E+02	6.0071 E+04	4.4419 E+04
3.3236 E+02	2.1685 E+02	3.9369 E+06	- 6.6247 E+04	2.2012 E+05	2.3430 E+01	- 1.8258 E+03	6.0523 E+03	7.0001 E+05	- 7.5390 E+01	2.4237 E+02	3.9654 E+04	- 9.9126 E+02	5.6537 E+04	2.8066 E+04

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.3236 E+02	1.6264 E+02	5.0783 E+06	- 6.6247 E+04	2.1302 E+05	3.0749 E+01	- 1.8258 E+03	5.6200 E+03	9.0483 E+05	- 7.5390 E+01	2.1208 E+02	5.9540 E+04	- 9.9126 E+02	5.3004 E+04	2.6175 E+04
3.3236 E+02	1.0843 E+02	6.3299 E+06	- 6.6247 E+04	2.0592 E+05	1.2469 E+01	- 1.8258 E+03	5.1877 E+03	1.0894 E+06	- 7.5390 E+01	1.8178 E+02	9.2127 E+04	- 9.9126 E+02	4.9470 E+04	2.9114 E+04
3.3236 E+02	5.4213 E+01	1.3599 E+07	- 6.6247 E+04	1.9882 E+05	1.5096 E+01	- 1.8258 E+03	4.7554 E+03	1.2135 E+06	- 7.5390 E+01	1.5148 E+02	1.4129 E+05	- 9.9126 E+02	4.5937 E+04	3.7820 E+04
3.3236 E+02	0.0000 E+00	3.1446 E+07	- 6.6247 E+04	1.9172 E+05	2.1148 E+01	- 1.8258 E+03	4.3231 E+03	1.5946 E+06	- 7.5390 E+01	1.2119 E+02	1.9426 E+05	- 9.9126 E+02	4.2403 E+04	6.1216 E+04
2.7063 E+02	2.6564 E+03	2.2318 E+00	- 6.6247 E+04	1.8462 E+05	8.9060 E+00	- 1.8258 E+03	3.8908 E+03	1.8341 E+06	- 7.5390 E+01	9.0890 E+01	4.4723 E+05	- 9.9126 E+02	3.8869 E+04	1.3281 E+05
2.7063 E+02	2.6022 E+03	1.3521 E+00	- 6.6247 E+04	1.7751 E+05	6.1585 E+02	- 1.8258 E+03	3.4585 E+03	2.4053 E+06	- 7.5390 E+01	6.0594 E+01	1.7506 E+06	- 9.9126 E+02	3.5336 E+04	2.6873 E+05
2.7063 E+02	2.4938 E+03	6.9833 E-01	- 6.6247 E+04	1.7041 E+05	5.5410 E+02	- 1.8258 E+03	3.0262 E+03	2.4706 E+06	- 7.5390 E+01	3.0297 E+01	8.5104 E+06	- 9.9126 E+02	3.1802 E+04	5.3176 E+05
2.7063 E+02	2.4396 E+03	1.3521 E+00	- 6.6247 E+04	1.6331 E+05	5.3513 E+02	- 1.8258 E+03	2.5939 E+03	2.7450 E+06	- 7.5390 E+01	0.0000 E+00	1.8607 E+07	- 9.9126 E+02	2.8269 E+04	1.0491 E+06
2.7063 E+02	2.3854 E+03	9.8736 E+00	- 6.6247 E+04	1.5621 E+05	1.3872 E+02	- 1.8258 E+03	2.1615 E+03	2.6536 E+06	- 1.0627 E+02	1.1513 E+03	4.4636 E+00	- 9.9126 E+02	2.4735 E+04	2.1673 E+06
2.7063 E+02	2.3311 E+03	2.7042 E+00	- 6.6247 E+04	1.4911 E+05	1.3587 E+02	- 1.8258 E+03	1.7292 E+03	2.4559 E+06	- 1.0627 E+02	1.0301 E+03	3.7500 E+00	- 9.9126 E+02	2.1202 E+04	4.4658 E+06
2.7063 E+02	2.2769 E+03	3.1021 E+00	- 6.6247 E+04	1.4201 E+05	7.8990 E+03	- 1.8258 E+03	1.2969 E+03	2.7935 E+06	- 1.0627 E+02	9.9979 E+02	2.5000 E+00	- 9.9126 E+02	1.7668 E+04	8.7137 E+06
2.7063 E+02	2.2227 E+03	1.6506 E+01	- 6.6247 E+04	1.3491 E+05	9.6832 E+02	- 1.8258 E+03	8.6462 E+02	4.4179 E+06	- 1.0627 E+02	9.3920 E+02	4.4636 E+00	- 9.9126 E+02	1.4134 E+04	1.6265 E+07
2.7063 E+02	2.1685 E+03	2.4846 E+01	- 6.6247 E+04	1.2781 E+05	2.4195 E+03	- 1.8258 E+03	4.3231 E+02	1.0762 E+07	- 1.0627 E+02	9.0890 E+02	5.6250 E+00	- 9.9126 E+02	1.0601 E+04	2.7275 E+07
2.7063 E+02	2.1143 E+03	2.3273 E+01	- 6.6247 E+04	1.2071 E+05	1.9222 E+03	- 1.8258 E+03	0.0000 E+00	2.1529 E+07	- 1.0627 E+02	8.7861 E+02	3.6667 E-02	- 9.9126 E+02	7.0672 E+03	3.5625 E+07
2.7063 E+02	2.0601 E+03	1.2142 E+01	- 6.6247 E+04	1.1361 E+05	1.5223 E+04	- 2.3396 E+03	1.9886 E+04	5.2785 E-01	- 1.0627 E+02	8.4831 E+02	6.4802 E-01	- 9.9126 E+02	3.5336 E+03	3.7640 E+07
2.7063 E+02	2.0059 E+03	1.6839 E+01	- 6.6247 E+04	1.0651 E+05	4.1948 E+03	- 2.3396 E+03	1.9454 E+04	2.0154 E+00	- 1.0627 E+02	8.1801 E+02	2.2562 E+01	- 9.9126 E+02	0.0000 E+00	7.9429 E+07
2.7063 E+02	1.9517 E+03	1.8393 E+02	- 6.6247 E+04	9.9408 E+04	6.0444 E+03	- 2.3396 E+03	1.9022 E+04	7.8934 E+01	- 1.0627 E+02	7.8772 E+02	2.2599 E+01	- 4.8459 E+03	1.7668 E+05	2.5000 E+00
2.7063 E+02	1.8974 E+03	1.8391 E+01	- 6.6247 E+04	9.2308 E+04	6.1313 E+03	- 2.3396 E+03	1.8589 E+04	1.2740 E+02	- 1.0627 E+02	7.5742 E+02	2.6871 E+01	- 4.8459 E+03	1.6961 E+05	2.5000 E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.7063 E+02	1.8432 E+03	2.3237 E+01	- 6.6247 E+04	8.5207 E+04	7.9546 E+03	- 2.3396 E+03	1.8157 E+04	5.2785 E-01	- 1.0627 E+02	7.2712 E+02	3.2696 E+00	- 4.8459 E+03	1.5194 E+05	1.9440 E-03
2.7063 E+02	1.7890 E+03	9.6547 E+01	- 6.6247 E+04	7.8106 E+04	6.2003 E+03	- 2.3396 E+03	1.7725 E+04	8.0614 E+00	- 1.0627 E+02	6.9683 E+02	2.1847 E+00	- 4.8459 E+03	1.3781 E+05	2.5000 E+00
2.7063 E+02	1.7348 E+03	5.5457 E+00	- 6.6247 E+04	7.1006 E+04	1.2364 E+04	- 2.3396 E+03	1.7292 E+04	5.6452 E-01	- 1.0627 E+02	6.6653 E+02	5.4524 E+00	- 4.8459 E+03	1.3428 E+05	5.7898 E-01
2.7063 E+02	1.6806 E+03	3.4902 E+01	- 6.6247 E+04	6.3905 E+04	1.7724 E+04	- 2.3396 E+03	1.6860 E+04	9.5013 E+01	- 1.0627 E+02	6.3623 E+02	8.0948 E+01	- 4.8459 E+03	1.3074 E+05	1.2092 E-02
2.7063 E+02	1.6264 E+03	8.2180 E+00	- 6.6247 E+04	5.6805 E+04	6.1313 E+04	- 2.3396 E+03	1.6428 E+04	1.0406 E+02	- 1.0627 E+02	6.0594 E+02	2.0958 E+01	- 4.8459 E+03	1.2368 E+05	2.5000 E+00
2.7063 E+02	1.5722 E+03	6.7575 E+01	- 6.6247 E+04	4.9704 E+04	1.0085 E+05	- 2.3396 E+03	1.5995 E+04	4.7290 E+02	- 1.0627 E+02	5.7564 E+02	1.6280 E+02	- 4.8459 E+03	1.2014 E+05	3.6667 E-02
2.7063 E+02	1.5180 E+03	3.5994 E+01	- 6.6247 E+04	4.2604 E+04	1.7861 E+05	- 2.3396 E+03	1.5563 E+04	2.4854 E+01	- 1.0627 E+02	5.4534 E+02	3.6859 E+01	- 4.8459 E+03	1.1661 E+05	6.1927 E+00
2.7063 E+02	1.4637 E+03	2.9317 E+02	- 6.6247 E+04	3.5503 E+04	4.8754 E+05	- 2.3396 E+03	1.5131 E+04	1.4400 E+03	- 1.0627 E+02	5.1505 E+02	1.8230 E+02	- 4.8459 E+03	1.1307 E+05	4.1014 E-01
2.7063 E+02	1.4095 E+03	1.8096 E+02	- 6.6247 E+04	2.8402 E+04	1.1754 E+06	- 2.3396 E+03	1.4698 E+04	1.4998 E+02	- 1.0627 E+02	4.8475 E+02	3.5589 E+02	- 4.8459 E+03	1.0954 E+05	3.6667 E-02
2.7063 E+02	1.3553 E+03	1.8208 E+02	- 6.6247 E+04	2.1302 E+04	2.2951 E+06	- 2.3396 E+03	1.4266 E+04	1.1923 E+03	- 1.0627 E+02	4.5445 E+02	5.0361 E+02	- 4.8459 E+03	1.0601 E+05	1.2209 E-01
2.7063 E+02	1.3011 E+03	3.1996 E+02	- 6.6247 E+04	1.4201 E+04	2.8848 E+06	- 2.3396 E+03	1.3834 E+04	1.3681 E+03	- 1.0627 E+02	4.2415 E+02	6.0538 E+02	- 4.8459 E+03	1.0247 E+05	9.7033 E+00
2.7063 E+02	1.2469 E+03	6.8958 E+02	- 6.6247 E+04	7.1006 E+03	5.5648 E+06	- 2.3396 E+03	1.3402 E+04	1.4694 E+03	- 1.0627 E+02	3.9386 E+02	7.2884 E+02	- 4.8459 E+03	9.8941 E+04	1.8598 E+01
2.7063 E+02	1.1927 E+03	9.6139 E+02	- 6.6247 E+04	0.0000 E+00	1.5324 E+07	- 2.3396 E+03	1.2969 E+04	1.7141 E+03	- 1.0627 E+02	3.6356 E+02	1.1564 E+03	- 4.8459 E+03	9.5407 E+04	4.2428 E+00
2.7063 E+02	1.1385 E+03	7.4964 E+02	- 7.3920 E+04	2.8402 E+05	1.3521 E+00	- 2.3396 E+03	1.2537 E+04	4.5661 E+03	- 1.0627 E+02	3.3326 E+02	1.4435 E+03	- 4.8459 E+03	9.1873 E+04	9.3070 E+02
2.7063 E+02	1.0843 E+03	6.3092 E+02	- 7.3920 E+04	2.6982 E+05	1.3521 E+00	- 2.3396 E+03	1.2105 E+04	6.1808 E+02	- 1.0627 E+02	3.0297 E+02	2.5975 E+03	- 4.8459 E+03	8.8340 E+04	3.3763 E+03
2.7063 E+02	1.0300 E+03	5.5876 E+02	- 7.3920 E+04	2.5562 E+05	1.3521 E+00	- 2.3396 E+03	1.1672 E+04	6.0371 E+03	- 1.0627 E+02	2.7267 E+02	3.3973 E+03	- 4.8459 E+03	8.4806 E+04	1.0352 E+03
2.7063 E+02	9.7583 E+02	1.9445 E+03	- 7.3920 E+04	2.4142 E+05	2.7042 E+00	- 2.3396 E+03	1.1240 E+04	7.3769 E+03	- 1.0627 E+02	2.4237 E+02	6.4606 E+03	- 4.8459 E+03	8.1273 E+04	8.7751 E+02
2.7063 E+02	9.2162 E+02	4.3421 E+03	- 7.3920 E+04	2.3432 E+05	1.1349 E+00	- 2.3396 E+03	1.0808 E+04	1.3461 E+04	- 1.0627 E+02	2.1208 E+02	1.1080 E+04	- 4.8459 E+03	7.7739 E+04	4.1341 E+01

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Document:
 0138-8633 VER 00

Description:
 Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.7063 E+02	8.6740 E+02	6.4818 E+03	- 7.3920 E+04	2.2012 E+05	1.6640 E+01	- 2.3396 E+03	1.0375 E+04	2.4928 E+04	- 1.0627 E+02	1.8178 E+02	1.3301 E+04	- 4.8459 E+03	7.4205 E+04	1.4524 E+02
2.7063 E+02	8.1319 E+02	1.0690 E+04	- 7.3920 E+04	2.1302 E+05	7.3270 E+00	- 2.3396 E+03	9.9431 E+03	4.6160 E+04	- 1.0627 E+02	1.5148 E+02	1.8640 E+04	- 4.8459 E+03	7.0672 E+04	8.9559 E+02
2.7063 E+02	7.5898 E+02	2.3015 E+04	- 7.3920 E+04	2.0592 E+05	1.1030 E+01	- 2.3396 E+03	9.5108 E+03	4.2413 E+04	- 1.0627 E+02	1.2119 E+02	4.2379 E+04	- 4.8459 E+03	6.7138 E+04	1.1327 E+02
2.7063 E+02	7.0476 E+02	3.3923 E+04	- 7.3920 E+04	1.9882 E+05	1.5469 E+01	- 2.3396 E+03	9.0785 E+03	4.7161 E+04	- 1.0627 E+02	9.0890 E+01	1.3428 E+05	- 4.8459 E+03	6.3605 E+04	4.4137 E+02
2.7063 E+02	6.5055 E+02	4.1495 E+04	- 7.3920 E+04	1.9172 E+05	1.8044 E+01	- 2.3396 E+03	8.6462 E+03	1.2092 E+05	- 1.0627 E+02	6.0594 E+01	5.5569 E+05	- 4.8459 E+03	6.0071 E+04	6.2119 E+02
2.7063 E+02	5.9634 E+02	1.1719 E+05	- 7.3920 E+04	1.8462 E+05	4.8174 E+01	- 2.3396 E+03	8.2139 E+03	1.4805 E+05	- 1.0627 E+02	3.0297 E+01	2.8061 E+06	- 4.8459 E+03	5.6537 E+04	2.6699 E+03
2.7063 E+02	5.4213 E+02	1.6041 E+05	- 7.3920 E+04	1.7751 E+05	7.3389 E+01	- 2.3396 E+03	7.7816 E+03	1.9400 E+05	- 1.0627 E+02	0.0000 E+00	5.8413 E+06	- 4.8459 E+03	5.3004 E+04	2.2483 E+03
2.7063 E+02	4.8791 E+02	3.6001 E+05	- 7.3920 E+04	1.7041 E+05	1.0712 E+03	- 2.3396 E+03	7.3492 E+03	2.8735 E+05	- 1.3714 E+02	9.3920 E+02	1.7043 E+01	- 4.8459 E+03	4.9470 E+04	5.7208 E+03
2.7063 E+02	4.3370 E+02	5.9473 E+05	- 7.3920 E+04	1.6331 E+05	6.5801 E+02	- 2.3396 E+03	6.9169 E+03	3.7945 E+05	- 1.3714 E+02	9.0890 E+02	4.4636 E+00	- 4.8459 E+03	4.5937 E+04	1.7327 E+03
2.7063 E+02	3.7949 E+02	9.8617 E+05	- 7.3920 E+04	1.5621 E+05	2.1070 E+02	- 2.3396 E+03	6.4846 E+03	5.6393 E+05	- 1.3714 E+02	8.7861 E+02	8.4860 E-02	- 4.8459 E+03	4.2403 E+04	4.0018 E+03
2.7063 E+02	3.2528 E+02	1.8797 E+06	- 7.3920 E+04	1.4911 E+05	5.6892 E+02	- 2.3396 E+03	6.0523 E+03	5.8020 E+05	- 1.3714 E+02	8.4831 E+02	1.7043 E+01	- 4.8459 E+03	3.8869 E+04	9.1065 E+03
2.7063 E+02	2.7106 E+02	3.0353 E+06	- 7.3920 E+04	1.4201 E+05	2.8050 E+03	- 2.3396 E+03	5.6200 E+03	7.0297 E+05	- 1.3714 E+02	7.8772 E+02	5.5193 E+00	- 4.8459 E+03	3.5336 E+04	3.8320 E+03
2.7063 E+02	2.1685 E+02	4.7356 E+06	- 7.3920 E+04	1.3491 E+05	3.6804 E+03	- 2.3396 E+03	5.1877 E+03	1.0261 E+06	- 1.3714 E+02	7.2712 E+02	4.6333 E+00	- 4.8459 E+03	3.1802 E+04	2.4328 E+04
2.7063 E+02	1.6264 E+02	6.2694 E+06	- 7.3920 E+04	1.2781 E+05	4.6557 E+03	- 2.3396 E+03	4.7554 E+03	1.3886 E+06	- 1.3714 E+02	6.3623 E+02	5.1116 E+00	- 4.8459 E+03	2.8269 E+04	5.3657 E+04
2.7063 E+02	1.0843 E+02	8.2478 E+06	- 7.3920 E+04	1.2071 E+05	1.0255 E+04	- 2.3396 E+03	4.3231 E+03	1.4978 E+06	- 1.3714 E+02	6.0594 E+02	7.1271 E+00	- 4.8459 E+03	2.4735 E+04	7.1222 E+04
2.7063 E+02	5.4213 E+01	1.2567 E+07	- 7.3920 E+04	1.1361 E+05	3.8128 E+03	- 2.3396 E+03	3.8908 E+03	1.9240 E+06	- 1.3714 E+02	5.7564 E+02	2.2314 E+01	- 4.8459 E+03	2.1202 E+04	1.4181 E+05
2.7063 E+02	0.0000 E+00	3.5016 E+07	- 7.3920 E+04	1.0651 E+05	1.2674 E+04	- 2.3396 E+03	3.4585 E+03	2.2325 E+06	- 1.3714 E+02	5.4534 E+02	2.9161 E+00	- 4.8459 E+03	1.7668 E+04	3.0657 E+05
2.0889 E+02	2.5480 E+03	2.2318 E+00	- 7.3920 E+04	9.9408 E+04	2.0520 E+04	- 2.3396 E+03	3.0262 E+03	2.4550 E+06	- 1.3714 E+02	5.1505 E+02	3.4718 E+02	- 4.8459 E+03	1.4134 E+04	5.2581 E+05

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.0889 E+02	2.4938 E+03	3.5367 E+00	- 7.3920 E+04	9.2308 E+04	2.5456 E+04	- 2.3396 E+03	2.5939 E+03	2.3165 E+06	- 1.3714 E+02	4.8475 E+02	2.0099 E+01	- 4.8459 E+03	1.0601 E+04	8.9231 E+05
2.0889 E+02	2.3854 E+03	6.5606 E+00	- 7.3920 E+04	8.5207 E+04	3.0250 E+04	- 2.3396 E+03	2.1615 E+03	2.0809 E+06	- 1.3714 E+02	4.5445 E+02	3.1756 E+01	- 4.8459 E+03	7.0672 E+03	1.2863 E+06
2.0889 E+02	2.3311 E+03	1.3521 E+00	- 7.3920 E+04	7.8106 E+04	4.0401 E+04	- 2.3396 E+03	1.7292 E+03	2.2086 E+06	- 1.3714 E+02	4.2415 E+02	2.8156 E+01	- 4.8459 E+03	3.5336 E+03	2.6555 E+06
2.0889 E+02	2.2769 E+03	1.7867 E+00	- 7.3920 E+04	7.1006 E+04	3.9060 E+04	- 2.3396 E+03	1.2969 E+03	2.4088 E+06	- 1.3714 E+02	3.9386 E+02	9.6295 E+01	- 4.8459 E+03	0.0000 E+00	1.5534 E+07
2.0889 E+02	2.2227 E+03	1.7867 E+00	- 7.3920 E+04	6.3905 E+04	4.1306 E+04	- 2.3396 E+03	8.6462 E+02	4.3211 E+06	- 1.3714 E+02	3.6356 E+02	3.1225 E+02	- 8.7006 E+03	1.6961 E+05	2.5000 E+00
2.0889 E+02	2.1685 E+03	4.9370 E+00	- 7.3920 E+04	5.6805 E+04	4.3775 E+04	- 2.3396 E+03	4.3231 E+02	9.0082 E+06	- 1.3714 E+02	3.3326 E+02	1.2165 E+02	- 8.7006 E+03	1.4134 E+05	1.9440 E-03
2.0889 E+02	2.1143 E+03	3.5849 E+00	- 7.3920 E+04	4.9704 E+04	9.1329 E+04	- 2.3396 E+03	0.0000 E+00	1.7502 E+07	- 1.3714 E+02	3.0297 E+02	3.4526 E+02	- 8.7006 E+03	1.3781 E+05	2.5000 E+00
2.0889 E+02	2.0601 E+03	1.3227 E+01	- 7.3920 E+04	4.2604 E+04	1.9955 E+05	- 2.8534 E+03	1.9454 E+04	5.2785 E-01	- 1.3714 E+02	2.7267 E+02	9.2000 E+02	- 8.7006 E+03	1.3428 E+05	5.0000 E+00
2.0889 E+02	2.0059 E+03	1.0811 E+01	- 7.3920 E+04	3.5503 E+04	4.2193 E+05	- 2.8534 E+03	1.8589 E+04	5.3029 E+00	- 1.3714 E+02	2.4237 E+02	7.9764 E+02	- 8.7006 E+03	1.2368 E+05	9.5427 E-02
2.0889 E+02	1.9517 E+03	2.3459 E+01	- 7.3920 E+04	2.8402 E+04	9.9070 E+05	- 2.8534 E+03	1.8157 E+04	9.0916 E+01	- 1.3714 E+02	2.1208 E+02	3.9026 E+03	- 8.7006 E+03	1.2014 E+05	4.2627 E-01
2.0889 E+02	1.8974 E+03	3.5733 E+00	- 7.3920 E+04	2.1302 E+04	2.0946 E+06	- 2.8534 E+03	1.7725 E+04	8.3420 E+01	- 1.3714 E+02	1.8178 E+02	3.5422 E+03	- 8.7006 E+03	1.1661 E+05	2.4184 E-02
2.0889 E+02	1.8432 E+03	1.0538 E+01	- 7.3920 E+04	1.4201 E+04	3.1156 E+06	- 2.8534 E+03	1.7292 E+04	1.4863 E+02	- 1.3714 E+02	1.5148 E+02	5.4821 E+03	- 8.7006 E+03	1.1307 E+05	2.5000 E+00
2.0889 E+02	1.7890 E+03	1.0557 E+00	- 7.3920 E+04	7.1006 E+03	4.3771 E+06	- 2.8534 E+03	1.6860 E+04	8.8755 E+00	- 1.3714 E+02	1.2119 E+02	1.5196 E+04	- 8.7006 E+03	1.0954 E+05	5.0874 E+00
2.0889 E+02	1.7348 E+03	1.1443 E+00	- 7.3920 E+04	0.0000 E+00	1.4736 E+07	- 2.8534 E+03	1.6428 E+04	8.6566 E+01	- 1.3714 E+02	9.0890 E+01	4.4645 E+04	- 8.7006 E+03	1.0601 E+05	6.2500 E-01
2.0889 E+02	1.6806 E+03	2.1200 E+00	- 8.1592 E+04	2.6272 E+05	3.6667 E-02	- 2.8534 E+03	1.5995 E+04	1.8294 E+02	- 1.3714 E+02	6.0594 E+01	1.5751 E+05	- 8.7006 E+03	1.0247 E+05	2.5039 E+00
2.0889 E+02	1.6264 E+03	8.5314 E+01	- 8.1592 E+04	2.5562 E+05	2.7042 E+00	- 2.8534 E+03	1.5563 E+04	3.4058 E+01	- 1.3714 E+02	3.0297 E+01	8.7864 E+05	- 8.7006 E+03	9.8941 E+04	6.3222 E-02
2.0889 E+02	1.5722 E+03	1.6935 E+02	- 8.1592 E+04	2.4852 E+05	1.3521 E+00	- 2.8534 E+03	1.5131 E+04	1.5001 E+02	- 1.3714 E+02	0.0000 E+00	2.1010 E+06	- 8.7006 E+03	9.5407 E+04	8.1617 E+00
2.0889 E+02	1.5180 E+03	4.1896 E+01	- 8.1592 E+04	2.4142 E+05	2.7042 E+00	- 2.8534 E+03	1.4698 E+04	3.8418 E+01	- 1.6802 E+02	6.9683 E+02	4.6787 E+00	- 8.7006 E+03	9.1873 E+04	1.4072 E+01

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.0889 E+02	1.4637 E+03	1.0931 E+02	- 8.1592 E+04	2.2722 E+05	1.3064 E+01	- 2.8534 E+03	1.4266 E+04	9.5491 E+01	- 1.6802 E+02	6.0594 E+02	6.4802 E-01	- 8.7006 E+03	8.8340 E+04	1.6752 E+01
2.0889 E+02	1.4095 E+03	1.6687 E+02	- 8.1592 E+04	2.2012 E+05	1.4231 E+01	- 2.8534 E+03	1.3834 E+04	7.1907 E+02	- 1.6802 E+02	5.7564 E+02	5.0733 E+00	- 8.7006 E+03	8.4806 E+04	2.4185 E+01
2.0889 E+02	1.3553 E+03	2.9885 E+01	- 8.1592 E+04	2.0592 E+05	3.3482 E+01	- 2.8534 E+03	1.3402 E+04	7.5125 E+02	- 1.6802 E+02	5.4534 E+02	4.4636 E+00	- 8.7006 E+03	8.1273 E+04	1.0671 E+00
2.0889 E+02	1.3011 E+03	4.7844 E+01	- 8.1592 E+04	1.9882 E+05	6.2388 E+00	- 2.8534 E+03	1.2969 E+04	1.6227 E+01	- 1.6802 E+02	5.1505 E+02	5.1636 E+00	- 8.7006 E+03	7.7739 E+04	1.7289 E+02
2.0889 E+02	1.2469 E+03	1.2609 E+02	- 8.1592 E+04	1.9172 E+05	7.7888 E+01	- 2.8534 E+03	1.2537 E+04	1.1741 E+03	- 1.6802 E+02	4.8475 E+02	9.5752 E+00	- 8.7006 E+03	7.4205 E+04	6.8778 E+00
2.0889 E+02	1.1927 E+03	5.9398 E+02	- 8.1592 E+04	1.8462 E+05	7.6264 E+01	- 2.8534 E+03	1.2105 E+04	6.4770 E+01	- 1.6802 E+02	4.5445 E+02	9.4636 E+00	- 8.7006 E+03	7.0672 E+04	1.0798 E+02
2.0889 E+02	1.1385 E+03	8.9444 E+01	- 8.1592 E+04	1.7751 E+05	7.4157 E+01	- 2.8534 E+03	1.1672 E+04	9.9275 E+02	- 1.6802 E+02	4.2415 E+02	6.3967 E+00	- 8.7006 E+03	6.7138 E+04	2.9535 E+02
2.0889 E+02	1.0843 E+03	1.0789 E+03	- 8.1592 E+04	1.7041 E+05	6.6045 E+02	- 2.8534 E+03	1.1240 E+04	2.9026 E+03	- 1.6802 E+02	3.9386 E+02	7.8855 E+00	- 8.7006 E+03	6.3605 E+04	3.2255 E+02
2.0889 E+02	1.0300 E+03	5.1494 E+02	- 8.1592 E+04	1.6331 E+05	1.1046 E+03	- 2.8534 E+03	1.0808 E+04	8.0620 E+03	- 1.6802 E+02	3.6356 E+02	2.1233 E+01	- 8.7006 E+03	6.0071 E+04	3.7666 E+02
2.0889 E+02	9.7583 E+02	6.3566 E+03	- 8.1592 E+04	1.5621 E+05	3.5446 E+02	- 2.8534 E+03	1.0375 E+04	3.2570 E+03	- 1.6802 E+02	3.3326 E+02	5.8645 E+01	- 8.7006 E+03	5.6537 E+04	2.8365 E+02
2.0889 E+02	9.2162 E+02	8.9256 E+03	- 8.1592 E+04	1.4911 E+05	2.8339 E+02	- 2.8534 E+03	9.9431 E+03	6.6548 E+03	- 1.6802 E+02	3.0297 E+02	1.8385 E+02	- 8.7006 E+03	5.3004 E+04	3.0529 E+02
2.0889 E+02	8.6740 E+02	8.6459 E+03	- 8.1592 E+04	1.4201 E+05	1.1108 E+03	- 2.8534 E+03	9.5108 E+03	1.3562 E+04	- 1.6802 E+02	2.7267 E+02	4.8437 E+01	- 8.7006 E+03	4.9470 E+04	4.3930 E+02
2.0889 E+02	8.1319 E+02	1.0780 E+04	- 8.1592 E+04	1.3491 E+05	4.0667 E+03	- 2.8534 E+03	9.0785 E+03	1.8247 E+04	- 1.6802 E+02	2.4237 E+02	2.6394 E+02	- 8.7006 E+03	4.5937 E+04	4.5267 E+02
2.0889 E+02	7.5898 E+02	1.8050 E+04	- 8.1592 E+04	1.2781 E+05	4.1419 E+03	- 2.8534 E+03	8.6462 E+03	2.5326 E+04	- 1.6802 E+02	2.1208 E+02	1.3125 E+02	- 8.7006 E+03	4.2403 E+04	5.6301 E+02
2.0889 E+02	7.0476 E+02	3.9085 E+04	- 8.1592 E+04	1.2071 E+05	4.5744 E+03	- 2.8534 E+03	8.2139 E+03	7.3512 E+04	- 1.6802 E+02	1.8178 E+02	1.3339 E+03	- 8.7006 E+03	3.8869 E+04	4.2542 E+02
2.0889 E+02	6.5055 E+02	9.6346 E+04	- 8.1592 E+04	1.1361 E+05	7.7353 E+03	- 2.8534 E+03	7.7816 E+03	1.1728 E+05	- 1.6802 E+02	1.5148 E+02	1.1961 E+03	- 8.7006 E+03	3.5336 E+04	5.7215 E+02
2.0889 E+02	5.9634 E+02	1.5248 E+05	- 8.1592 E+04	1.0651 E+05	1.0986 E+04	- 2.8534 E+03	7.3492 E+03	1.5443 E+05	- 1.6802 E+02	1.2119 E+02	3.5850 E+03	- 8.7006 E+03	3.1802 E+04	7.6215 E+02
2.0889 E+02	5.4213 E+02	2.8793 E+05	- 8.1592 E+04	9.9408 E+04	8.2834 E+03	- 2.8534 E+03	6.9169 E+03	2.6388 E+05	- 1.6802 E+02	9.0890 E+01	1.5049 E+04	- 8.7006 E+03	2.8269 E+04	1.0275 E+03

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S RRE

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.0889 E+02	4.8791 E+02	4.8349 E+05	- 8.1592 E+04	9.2308 E+04	2.9225 E+04	- 2.8534 E+03	6.4846 E+03	3.6935 E+05	- 1.6802 E+02	6.0594 E+01	5.2068 E+04	- 8.7006 E+03	2.4735 E+04	1.1629 E+03
2.0889 E+02	4.3370 E+02	7.9395 E+05	- 8.1592 E+04	8.5207 E+04	3.8549 E+04	- 2.8534 E+03	6.0523 E+03	4.1413 E+05	- 1.6802 E+02	3.0297 E+01	3.2265 E+05	- 8.7006 E+03	2.1202 E+04	1.4772 E+03
2.0889 E+02	3.7949 E+02	1.4782 E+06	- 8.1592 E+04	7.8106 E+04	3.5001 E+04	- 2.8534 E+03	5.6200 E+03	6.5318 E+05	- 1.6802 E+02	0.0000 E+00	6.8890 E+05	- 8.7006 E+03	1.7668 E+04	6.6190 E+03
2.0889 E+02	3.2528 E+02	2.3878 E+06	- 8.1592 E+04	7.1006 E+04	4.4439 E+04	- 2.8534 E+03	5.1877 E+03	9.5343 E+05	- 1.9890 E+02	8.4831 E+02	7.3333 E-02	- 8.7006 E+03	1.4134 E+04	1.7104 E+04
2.0889 E+02	2.7106 E+02	4.2106 E+06	- 8.1592 E+04	6.3905 E+04	9.1747 E+04	- 2.8534 E+03	4.7554 E+03	1.2288 E+06	- 1.9890 E+02	5.4534 E+02	5.0000 E+00	- 8.7006 E+03	1.0601 E+04	4.8376 E+04
2.0889 E+02	2.1685 E+02	6.6364 E+06	- 8.1592 E+04	5.6805 E+04	9.4427 E+04	- 2.8534 E+03	4.3231 E+03	1.5949 E+06	- 1.9890 E+02	4.8475 E+02	4.5369 E+00	- 8.7006 E+03	7.0672 E+03	1.0939 E+05
2.0889 E+02	1.6264 E+02	8.7137 E+06	- 8.1592 E+04	4.9704 E+04	1.3736 E+05	- 2.8534 E+03	3.8908 E+03	1.5755 E+06	- 1.9890 E+02	4.5445 E+02	1.2500 E+00	- 8.7006 E+03	3.5336 E+03	3.5088 E+05
2.0889 E+02	1.0843 E+02	1.0022 E+07	- 8.1592 E+04	4.2604 E+04	2.1289 E+05	- 2.8534 E+03	3.4585 E+03	2.0006 E+06	- 1.9890 E+02	4.2415 E+02	6.4802 E-01	- 8.7006 E+03	0.0000 E+00	2.8624 E+06
2.0889 E+02	5.4213 E+01	1.2992 E+07	- 8.1592 E+04	3.5503 E+04	4.4648 E+05	- 2.8534 E+03	3.0262 E+03	2.0565 E+06	- 1.9890 E+02	3.9386 E+02	1.1121 E+01	- 1.2555 E+04	1.3781 E+05	3.8881 E-03
2.0889 E+02	0.0000 E+00	3.9909 E+07	- 8.1592 E+04	2.8402 E+04	8.8017 E+05	- 2.8534 E+03	2.5939 E+03	2.1429 E+06	- 1.9890 E+02	3.6356 E+02	1.4197 E+00	- 1.2555 E+04	1.2368 E+05	2.5000 E+00
1.4715 E+02	2.5480 E+03	1.3521 E+00	- 8.1592 E+04	2.1302 E+04	1.8830 E+06	- 2.8534 E+03	2.1615 E+03	2.0423 E+06	- 1.9890 E+02	3.3326 E+02	3.6616 E+01	- 1.2555 E+04	1.2014 E+05	2.5000 E+00
1.4715 E+02	2.4396 E+03	1.7500 E+00	- 8.1592 E+04	1.4201 E+04	3.0147 E+06	- 2.8534 E+03	1.7292 E+03	1.8744 E+06	- 1.9890 E+02	3.0297 E+02	1.5217 E+01	- 1.2555 E+04	1.0954 E+05	2.5000 E+00
1.4715 E+02	2.3311 E+03	1.9138 E+00	- 8.1592 E+04	7.1006 E+03	4.8755 E+06	- 2.8534 E+03	1.2969 E+03	2.0196 E+06	- 1.9890 E+02	2.7267 E+02	1.1450 E+01	- 1.2555 E+04	1.0601 E+05	4.8758 E-02
1.4715 E+02	2.2769 E+03	5.0792 E+00	- 8.1592 E+04	0.0000 E+00	1.5894 E+07	- 2.8534 E+03	8.6462 E+02	3.5012 E+06	- 1.9890 E+02	2.4237 E+02	5.7786 E+01	- 1.2555 E+04	9.8941 E+04	8.3337 E+01
1.4715 E+02	2.2227 E+03	2.7409 E+00	- 8.9265 E+04	2.9112 E+05	1.3521 E+00	- 2.8534 E+03	4.3231 E+02	7.6293 E+06	- 1.9890 E+02	2.1208 E+02	1.8182 E+02	- 1.2555 E+04	9.5407 E+04	6.9833 E-01
1.4715 E+02	2.1685 E+03	1.7500 E+00	- 8.9265 E+04	2.4852 E+05	1.3521 E+00	- 2.8534 E+03	0.0000 E+00	1.3242 E+07	- 1.9890 E+02	1.8178 E+02	3.0067 E+02	- 1.2555 E+04	9.1873 E+04	1.0226 E-01
1.4715 E+02	2.1143 E+03	1.7500 E+00	- 8.9265 E+04	2.1302 E+05	2.2318 E+00	- 3.3672 E+03	2.1615 E+04	3.6667 E-02	- 1.9890 E+02	1.5148 E+02	6.0168 E+02	- 1.2555 E+04	8.8340 E+04	1.4738 E+01
1.4715 E+02	2.0059 E+03	1.3592 E+01	- 8.9265 E+04	1.9882 E+05	3.1360 E+01	- 3.3672 E+03	2.0751 E+04	8.4860 E-02	- 1.9890 E+02	1.2119 E+02	9.4325 E+02	- 1.2555 E+04	8.4806 E+04	1.3523 E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.4715 E+02	1.9517 E+03	7.0000 E+00	- 8.9265 E+04	1.7751 E+05	3.6675 E+01	- 3.3672 E+03	2.0319 E+04	8.4860 E-02	- 1.9890 E+02	9.0890 E+01	7.1114 E+03	- 1.2555 E+04	8.1273 E+04	8.5876 E+01
1.4715 E+02	1.7348 E+03	1.3506 E+00	- 8.9265 E+04	1.7041 E+05	1.8834 E+01	- 3.3672 E+03	1.9886 E+04	1.4706 E+01	- 1.9890 E+02	6.0594 E+01	1.2416 E+04	- 1.2555 E+04	7.7739 E+04	1.8156 E+02
1.4715 E+02	1.6806 E+03	3.6667 E-02	- 8.9265 E+04	1.6331 E+05	6.9261 E+02	- 3.3672 E+03	1.9454 E+04	3.2401 E-01	- 1.9890 E+02	3.0297 E+01	7.4052 E+04	- 1.2555 E+04	7.4205 E+04	5.1788 E+00
1.4715 E+02	1.6264 E+03	4.3945 E+00	- 8.9265 E+04	1.5621 E+05	6.6073 E+01	- 3.3672 E+03	1.8589 E+04	5.2785 E-01	- 1.9890 E+02	0.0000 E+00	2.1816 E+05	- 1.2555 E+04	7.0672 E+04	2.3335 E+01
1.4715 E+02	1.5722 E+03	1.6558 E+01	- 8.9265 E+04	1.4911 E+05	1.1019 E+03	- 3.3672 E+03	1.7725 E+04	1.0557 E+00	- 2.2977 E+02	5.7564 E+02	2.0833 E+00	- 1.2555 E+04	6.7138 E+04	4.7406 E+00
1.4715 E+02	1.5180 E+03	2.1269 E+01	- 8.9265 E+04	1.4201 E+05	3.1147 E+02	- 3.3672 E+03	1.7292 E+04	2.1690 E+01	- 2.2977 E+02	4.2415 E+02	1.0450 E+01	- 1.2555 E+04	6.3605 E+04	2.5268 E+01
1.4715 E+02	1.4637 E+03	5.5512 E+01	- 8.9265 E+04	1.3491 E+05	3.1212 E+03	- 3.3672 E+03	1.6428 E+04	8.1876 E+00	- 2.2977 E+02	3.9386 E+02	7.3333 E-02	- 1.2555 E+04	6.0071 E+04	1.8910 E+02
1.4715 E+02	1.4095 E+03	1.6223 E+01	- 8.9265 E+04	1.2781 E+05	3.8883 E+03	- 3.3672 E+03	1.5995 E+04	2.0520 E+00	- 2.2977 E+02	3.3326 E+02	6.8734 E+00	- 1.2555 E+04	5.6537 E+04	5.5261 E+02
1.4715 E+02	1.3553 E+03	2.3824 E+01	- 8.9265 E+04	1.2071 E+05	3.0723 E+03	- 3.3672 E+03	1.5563 E+04	3.2401 E-01	- 2.2977 E+02	3.0297 E+02	1.6599 E+01	- 1.2555 E+04	5.3004 E+04	1.0474 E+02
1.4715 E+02	1.3011 E+03	1.9008 E+02	- 8.9265 E+04	1.1361 E+05	5.3543 E+03	- 3.3672 E+03	1.5131 E+04	7.5162 E+00	- 2.2977 E+02	2.7267 E+02	5.9478 E-01	- 1.2555 E+04	4.9470 E+04	3.8828 E+02
1.4715 E+02	1.2469 E+03	1.4276 E+02	- 8.9265 E+04	1.0651 E+05	2.3494 E+04	- 3.3672 E+03	1.4698 E+04	7.3775 E+00	- 2.2977 E+02	2.4237 E+02	1.4447 E+00	- 1.2555 E+04	4.5937 E+04	1.8832 E+02
1.4715 E+02	1.1927 E+03	1.6874 E+02	- 8.9265 E+04	9.9408 E+04	1.2153 E+04	- 3.3672 E+03	1.4266 E+04	2.5733 E+00	- 2.2977 E+02	2.1208 E+02	4.0961 E+01	- 1.2555 E+04	4.2403 E+04	1.6214 E+02
1.4715 E+02	1.1385 E+03	1.6246 E+03	- 8.9265 E+04	9.2308 E+04	1.6237 E+04	- 3.3672 E+03	1.3834 E+04	1.2865 E+01	- 2.2977 E+02	1.8178 E+02	8.3284 E+01	- 1.2555 E+04	3.8869 E+04	3.6197 E+02
1.4715 E+02	1.0843 E+03	6.8385 E+02	- 8.9265 E+04	8.5207 E+04	3.1853 E+04	- 3.3672 E+03	1.3402 E+04	1.4511 E+01	- 2.2977 E+02	1.5148 E+02	4.4752 E+02	- 1.2555 E+04	3.5336 E+04	4.6175 E+02
1.4715 E+02	1.0300 E+03	1.9588 E+03	- 8.9265 E+04	7.8106 E+04	7.1969 E+04	- 3.3672 E+03	1.2969 E+04	8.9306 E+00	- 2.2977 E+02	1.2119 E+02	1.9433 E+03	- 1.2555 E+04	3.1802 E+04	3.5563 E+02
1.4715 E+02	9.7583 E+02	3.6336 E+03	- 8.9265 E+04	7.1006 E+04	9.5902 E+04	- 3.3672 E+03	1.2537 E+04	6.8651 E+02	- 2.2977 E+02	9.0890 E+01	1.0745 E+03	- 1.2555 E+04	2.8269 E+04	5.1146 E+02
1.4715 E+02	9.2162 E+02	1.8095 E+03	- 8.9265 E+04	6.3905 E+04	1.2421 E+05	- 3.3672 E+03	1.2105 E+04	2.1971 E+02	- 2.2977 E+02	6.0594 E+01	2.7604 E+03	- 1.2555 E+04	2.4735 E+04	4.8702 E+02
1.4715 E+02	8.6740 E+02	1.6176 E+04	- 8.9265 E+04	5.6805 E+04	1.9320 E+05	- 3.3672 E+03	1.1672 E+04	6.7792 E+02	- 2.2977 E+02	3.0297 E+01	2.7526 E+04	- 1.2555 E+04	2.1202 E+04	9.0992 E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Document:
 0138-8633 VER 00

Description:
 Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.4715 E+02	8.1319 E+02	1.9385 E+04	- 8.9265 E+04	4.9704 E+04	2.2295 E+05	- 3.3672 E+03	1.1240 E+04	5.0324 E+02	- 2.2977 E+02	0.0000 E+00	8.8866 E+04	- 1.2555 E+04	1.7668 E+04	2.4372 E+03
1.4715 E+02	7.5898 E+02	4.4807 E+04	- 8.9265 E+04	4.2604 E+04	4.2392 E+05	- 3.3672 E+03	1.0808 E+04	9.4977 E+02	- 2.6065 E+02	3.6356 E+02	7.7221 E-02	- 1.2555 E+04	1.4134 E+04	5.1150 E+03
1.4715 E+02	7.0476 E+02	5.5147 E+04	- 8.9265 E+04	3.5503 E+04	7.2787 E+05	- 3.3672 E+03	1.0375 E+04	2.1519 E+03	- 2.6065 E+02	3.0297 E+02	1.0170 E+01	- 1.2555 E+04	1.0601 E+04	4.5828 E+03
1.4715 E+02	6.5055 E+02	1.1139 E+05	- 8.9265 E+04	2.8402 E+04	1.5119 E+06	- 3.3672 E+03	9.9431 E+03	1.6961 E+03	- 2.6065 E+02	2.7267 E+02	1.7174 E+02	- 1.2555 E+04	7.0672 E+03	2.4732 E+04
1.4715 E+02	5.9634 E+02	2.0644 E+05	- 8.9265 E+04	2.1302 E+04	2.9110 E+06	- 3.3672 E+03	9.5108 E+03	9.3181 E+03	- 2.6065 E+02	2.4237 E+02	1.1215 E+01	- 1.2555 E+04	3.5336 E+03	1.1084 E+05
1.4715 E+02	5.4213 E+02	2.7178 E+05	- 8.9265 E+04	1.4201 E+04	3.8748 E+06	- 3.3672 E+03	9.0785 E+03	1.4875 E+04	- 2.6065 E+02	2.1208 E+02	6.4067 E+00	- 1.2555 E+04	0.0000 E+00	8.8871 E+05
1.4715 E+02	4.8791 E+02	5.6951 E+05	- 8.9265 E+04	7.1006 E+03	4.6159 E+06	- 3.3672 E+03	8.6462 E+03	2.0976 E+04	- 2.6065 E+02	1.8178 E+02	2.0526 E+02	- 1.6410 E+04	1.4841 E+05	2.5000 E+00
1.4715 E+02	4.3370 E+02	8.8515 E+05	- 8.9265 E+04	0.0000 E+00	1.5783 E+07	- 3.3672 E+03	8.2139 E+03	2.2861 E+04	- 2.6065 E+02	1.5148 E+02	3.8960 E+01	- 1.6410 E+04	9.5407 E+04	2.4184 E-02
1.4715 E+02	3.7949 E+02	1.4245 E+06	- 9.6937 E+04	2.4852 E+05	1.3521 E+00	- 3.3672 E+03	7.7816 E+03	4.2978 E+04	- 2.6065 E+02	1.2119 E+02	1.7135 E+03	- 1.6410 E+04	8.8340 E+04	5.0000 E+00
1.4715 E+02	3.2528 E+02	2.6716 E+06	- 9.6937 E+04	1.7041 E+05	4.2965 E+01	- 3.3672 E+03	7.3492 E+03	9.1350 E+04	- 2.6065 E+02	9.0890 E+01	1.1288 E+03	- 1.6410 E+04	8.4806 E+04	5.6250 E+00
1.4715 E+02	2.7106 E+02	4.1930 E+06	- 9.6937 E+04	1.6331 E+05	4.8701 E+01	- 3.3672 E+03	6.9169 E+03	1.2004 E+05	- 2.6065 E+02	6.0594 E+01	7.1781 E+02	- 1.6410 E+04	8.1273 E+04	5.0000 E+00
1.4715 E+02	2.1685 E+02	5.6195 E+06	- 9.6937 E+04	1.5621 E+05	1.1981 E+02	- 3.3672 E+03	6.4846 E+03	1.5644 E+05	- 2.6065 E+02	3.0297 E+01	5.9392 E+03	- 1.6410 E+04	7.7739 E+04	5.0000 E+00
1.4715 E+02	1.6264 E+02	7.0267 E+06	- 9.6937 E+04	1.4911 E+05	4.6711 E+02	- 3.3672 E+03	6.0523 E+03	2.5032 E+05	- 2.6065 E+02	0.0000 E+00	5.0805 E+04	- 1.6410 E+04	7.4205 E+04	9.7013 E+00
1.4715 E+02	1.0843 E+02	7.4394 E+06	- 9.6937 E+04	1.4201 E+05	6.7076 E+02	- 3.3672 E+03	5.6200 E+03	3.3730 E+05	- 2.9152 E+02	3.6356 E+02	1.6972 E-01	- 1.6410 E+04	7.0672 E+04	7.3333 E-02
1.4715 E+02	5.4213 E+01	9.9857 E+06	- 9.6937 E+04	1.3491 E+05	1.3718 E+03	- 3.3672 E+03	5.1877 E+03	5.1117 E+05	- 2.9152 E+02	2.7267 E+02	5.0000 E+00	- 1.6410 E+04	6.7138 E+04	1.5037 E+01
1.4715 E+02	0.0000 E+00	3.0892 E+07	- 9.6937 E+04	1.2781 E+05	2.0517 E+03	- 3.3672 E+03	4.7554 E+03	6.1450 E+05	- 2.9152 E+02	2.1208 E+02	1.3521 E+01	- 1.6410 E+04	6.3605 E+04	2.6507 E+01
8.5409 E+01	2.4938 E+03	1.3521 E+00	- 9.6937 E+04	1.2071 E+05	4.1045 E+03	- 3.3672 E+03	4.3231 E+03	9.2826 E+05	- 2.9152 E+02	1.8178 E+02	1.9701 E+01	- 1.6410 E+04	6.0071 E+04	2.2697 E+01
8.5409 E+01	2.4396 E+03	1.7500 E+00	- 9.6937 E+04	1.1361 E+05	5.3618 E+03	- 3.3672 E+03	3.8908 E+03	1.3145 E+06	- 2.9152 E+02	1.5148 E+02	6.9526 E+00	- 1.6410 E+04	5.6537 E+04	1.5219 E+01

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Document:
 0138-8633 VER 00

Description:
 Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.5409 E+01	2.3311 E+03	1.7500 E+00	- 9.6937 E+04	1.0651 E+05	9.4437 E+03	- 3.3672 E+03	3.4585 E+03	1.4456 E+06	- 2.9152 E+02	1.2119 E+02	1.9730 E+02	- 1.6410 E+04	5.3004 E+04	5.0016 E+02
8.5409 E+01	2.2769 E+03	1.3521 E+00	- 9.6937 E+04	9.9408 E+04	1.6181 E+04	- 3.3672 E+03	3.0262 E+03	1.4950 E+06	- 2.9152 E+02	9.0890 E+01	1.1098 E+02	- 1.6410 E+04	4.9470 E+04	1.8294 E+02
8.5409 E+01	2.2227 E+03	6.2500 E-01	- 9.6937 E+04	9.2308 E+04	2.4175 E+04	- 3.3672 E+03	2.5939 E+03	1.7727 E+06	- 2.9152 E+02	6.0594 E+01	9.9447 E+01	- 1.6410 E+04	4.5937 E+04	2.1625 E+01
8.5409 E+01	2.1685 E+03	5.2452 E+00	- 9.6937 E+04	8.5207 E+04	3.9559 E+04	- 3.3672 E+03	2.1615 E+03	1.4131 E+06	- 2.9152 E+02	3.0297 E+01	3.4158 E+03	- 1.6410 E+04	4.2403 E+04	5.2642 E+00
8.5409 E+01	2.1143 E+03	1.7500 E+00	- 9.6937 E+04	7.8106 E+04	7.3766 E+04	- 3.3672 E+03	1.7292 E+03	1.2867 E+06	- 2.9152 E+02	0.0000 E+00	1.0437 E+04	- 1.6410 E+04	3.8869 E+04	3.7467 E+02
8.5409 E+01	2.0601 E+03	3.6667 E-02	- 9.6937 E+04	7.1006 E+04	1.3801 E+05	- 3.3672 E+03	1.2969 E+03	1.3941 E+06	- 3.2240 E+02	3.3326 E+02	2.4184 E-02	- 1.6410 E+04	3.5336 E+04	1.8702 E+02
8.5409 E+01	1.9517 E+03	1.7867 E+00	- 9.6937 E+04	6.3905 E+04	2.0543 E+05	- 3.3672 E+03	8.6462 E+02	2.7578 E+06	- 3.2240 E+02	3.0297 E+02	1.2500 E+00	- 1.6410 E+04	3.1802 E+04	5.4001 E+02
8.5409 E+01	1.8974 E+03	1.7867 E+00	- 9.6937 E+04	5.6805 E+04	3.1669 E+05	- 3.3672 E+03	4.3231 E+02	5.7297 E+06	- 3.2240 E+02	2.7267 E+02	2.9824 E+01	- 1.6410 E+04	2.8269 E+04	2.3031 E+02
8.5409 E+01	1.6806 E+03	1.7473 E+00	- 9.6937 E+04	4.9704 E+04	5.3690 E+05	- 3.3672 E+03	0.0000 E+00	1.1076 E+07	- 3.2240 E+02	1.8178 E+02	1.7056 E-01	- 1.6410 E+04	2.4735 E+04	3.2127 E+02
8.5409 E+01	1.6264 E+03	6.6167 E-01	- 9.6937 E+04	4.2604 E+04	8.5958 E+05	- 3.8810 E+03	2.0751 E+04	3.6667 E-02	- 3.2240 E+02	1.5148 E+02	1.5336 E+01	- 1.6410 E+04	2.1202 E+04	4.9054 E+02
8.5409 E+01	1.5722 E+03	4.6062 E-01	- 9.6937 E+04	3.5503 E+04	1.5235 E+06	- 3.8810 E+03	1.9454 E+04	8.4860 E-02	- 3.2240 E+02	1.2119 E+02	2.1333 E+01	- 1.6410 E+04	1.7668 E+04	1.5217 E+03
8.5409 E+01	1.5180 E+03	7.3333 E-02	- 9.6937 E+04	2.8402 E+04	2.3695 E+06	- 3.8810 E+03	1.9022 E+04	8.4860 E-02	- 3.2240 E+02	9.0890 E+01	1.0102 E+01	- 1.6410 E+04	1.4134 E+04	5.0352 E+02
8.5409 E+01	1.4637 E+03	2.2186 E+01	- 9.6937 E+04	2.1302 E+04	3.4045 E+06	- 3.8810 E+03	1.6860 E+04	1.0783 E+00	- 3.2240 E+02	6.0594 E+01	2.8195 E+02	- 1.6410 E+04	1.0601 E+04	1.3384 E+03
8.5409 E+01	1.4095 E+03	8.3139 E-01	- 9.6937 E+04	1.4201 E+04	3.8617 E+06	- 3.8810 E+03	1.6428 E+04	1.0557 E+00	- 3.2240 E+02	3.0297 E+01	6.8078 E+02	- 1.6410 E+04	7.0672 E+03	1.0625 E+04
8.5409 E+01	1.3553 E+03	2.5235 E+01	- 9.6937 E+04	7.1006 E+03	4.6960 E+06	- 3.8810 E+03	1.5995 E+04	3.2401 E-01	- 3.2240 E+02	0.0000 E+00	5.5754 E+03	- 1.6410 E+04	3.5336 E+03	4.3930 E+04
8.5409 E+01	1.3011 E+03	2.0834 E+01	- 9.6937 E+04	0.0000 E+00	1.5040 E+07	- 3.8810 E+03	1.5563 E+04	4.5154 E+00	- 3.5328 E+02	1.8178 E+02	5.1023 E+00	- 1.6410 E+04	0.0000 E+00	3.4955 E+05
8.5409 E+01	1.2469 E+03	2.6911 E+01	- 1.0461 E+05	1.8462 E+05	2.2318 E+00	- 3.8810 E+03	1.5131 E+04	1.0557 E+00	- 3.5328 E+02	1.5148 E+02	1.5000 E+01	- 2.0265 E+04	9.1873 E+04	2.5000 E+00
8.5409 E+01	1.1927 E+03	5.3301 E+01	- 1.0461 E+05	1.7751 E+05	7.1485 E+00	- 3.8810 E+03	1.4698 E+04	3.6478 E+00	- 3.5328 E+02	1.2119 E+02	1.5000 E+01	- 2.0265 E+04	7.0672 E+04	1.4701 E+01

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.5409 E+01	1.1385 E+03	9.3930 E+01	- 1.0461 E+05	1.7041 E+05	2.0143 E+01	- 3.8810 E+03	1.4266 E+04	8.3659 E+01	- 3.5328 E+02	9.0890 E+01	1.2024 E+00	- 2.0265 E+04	6.3605 E+04	1.3600 E+00
8.5409 E+01	1.0843 E+03	9.3037 E+01	- 1.0461 E+05	1.6331 E+05	5.0803 E+02	- 3.8810 E+03	1.3834 E+04	1.0312 E+02	- 3.5328 E+02	6.0594 E+01	6.4862 E+01	- 2.0265 E+04	6.0071 E+04	8.3337 E+01
8.5409 E+01	1.0300 E+03	1.6848 E+02	- 1.0461 E+05	1.5621 E+05	1.8023 E+03	- 3.8810 E+03	1.3402 E+04	5.4933 E+01	- 3.5328 E+02	3.0297 E+01	2.8194 E+02	- 2.0265 E+04	5.6537 E+04	4.0972 E-01
8.5409 E+01	9.7583 E+02	4.6641 E+03	- 1.0461 E+05	1.4911 E+05	3.2237 E+02	- 3.8810 E+03	1.2969 E+04	3.7771 E+01	- 3.5328 E+02	0.0000 E+00	1.4614 E+03	- 2.0265 E+04	5.3004 E+04	6.3272 E+00
8.5409 E+01	9.2162 E+02	5.0948 E+03	- 1.0461 E+05	1.4201 E+05	4.6094 E+03	- 3.8810 E+03	1.2537 E+04	1.7082 E+02	- 3.8415 E+02	2.4237 E+02	1.2500 E+00	- 2.0265 E+04	4.9470 E+04	1.5512 E+01
8.5409 E+01	8.6740 E+02	7.2877 E+03	- 1.0461 E+05	1.3491 E+05	1.0563 E+03	- 3.8810 E+03	1.2105 E+04	2.7450 E+00	- 3.8415 E+02	9.0890 E+01	5.0000 E+00	- 2.0265 E+04	4.5937 E+04	9.7013 E+00
8.5409 E+01	8.1319 E+02	1.4982 E+04	- 1.0461 E+05	1.2781 E+05	4.2834 E+03	- 3.8810 E+03	1.1672 E+04	6.8117 E+02	- 3.8415 E+02	6.0594 E+01	4.2697 E+01	- 2.0265 E+04	4.2403 E+04	1.8270 E+02
8.5409 E+01	7.5898 E+02	3.3133 E+04	- 1.0461 E+05	1.2071 E+05	2.4824 E+03	- 3.8810 E+03	1.1240 E+04	7.8986 E+02	- 3.8415 E+02	3.0297 E+01	5.4498 E+01	- 2.0265 E+04	3.8869 E+04	1.7369 E+02
8.5409 E+01	7.0476 E+02	7.2090 E+04	- 1.0461 E+05	1.1361 E+05	1.6322 E+04	- 3.8810 E+03	1.0808 E+04	5.3546 E+01	- 3.8415 E+02	0.0000 E+00	3.1862 E+03	- 2.0265 E+04	3.5336 E+04	9.0307 E+00
8.5409 E+01	6.5055 E+02	1.0984 E+05	- 1.0461 E+05	1.0651 E+05	1.2882 E+04	- 3.8810 E+03	1.0375 E+04	9.5224 E+02	- 4.1503 E+02	2.1208 E+02	3.8881 E-03	- 2.0265 E+04	3.1802 E+04	1.7145 E+02
8.5409 E+01	5.9634 E+02	1.7831 E+05	- 1.0461 E+05	9.9408 E+04	1.3905 E+04	- 3.8810 E+03	9.9431 E+03	1.7535 E+03	- 4.1503 E+02	1.5148 E+02	5.0000 E+00	- 2.0265 E+04	2.8269 E+04	1.9068 E+02
8.5409 E+01	5.4213 E+02	2.7201 E+05	- 1.0461 E+05	9.2308 E+04	3.4313 E+04	- 3.8810 E+03	9.5108 E+03	2.7194 E+03	- 4.1503 E+02	9.0890 E+01	1.6972 E-01	- 2.0265 E+04	2.4735 E+04	2.6097 E+01
8.5409 E+01	4.8791 E+02	4.9453 E+05	- 1.0461 E+05	8.5207 E+04	6.4257 E+04	- 3.8810 E+03	9.0785 E+03	5.3562 E+03	- 4.1503 E+02	3.0297 E+01	6.0073 E+01	- 2.0265 E+04	2.1202 E+04	2.2594 E+02
8.5409 E+01	4.3370 E+02	6.1921 E+05	- 1.0461 E+05	7.8106 E+04	9.3225 E+04	- 3.8810 E+03	8.6462 E+03	1.0886 E+04	- 4.1503 E+02	0.0000 E+00	2.8739 E+02	- 2.0265 E+04	1.7668 E+04	3.3860 E+02
8.5409 E+01	3.7949 E+02	9.0668 E+05	- 1.0461 E+05	7.1006 E+04	1.7495 E+05	- 3.8810 E+03	8.2139 E+03	9.2894 E+03	- 4.4591 E+02	1.5148 E+02	5.0000 E+00	- 2.0265 E+04	1.4134 E+04	1.4726 E+02
8.5409 E+01	3.2528 E+02	1.3064 E+06	- 1.0461 E+05	6.3905 E+04	2.7763 E+05	- 3.8810 E+03	7.7816 E+03	2.8692 E+04	- 4.4591 E+02	3.0297 E+01	5.5872 E+01	- 2.0265 E+04	1.0601 E+04	2.8605 E+03
8.5409 E+01	2.7106 E+02	1.5627 E+06	- 1.0461 E+05	5.6805 E+04	5.1364 E+05	- 3.8810 E+03	7.3492 E+03	3.8905 E+04	- 4.4591 E+02	0.0000 E+00	2.0232 E+02	- 2.0265 E+04	7.0672 E+03	2.8932 E+03
8.5409 E+01	2.1685 E+02	2.1469 E+06	- 1.0461 E+05	4.9704 E+04	8.4259 E+05	- 3.8810 E+03	6.9169 E+03	1.8766 E+04	- 4.7678 E+02	3.0297 E+01	4.4878 E+00	- 2.0265 E+04	3.5336 E+03	1.8063 E+04

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.5409 E+01	1.6264 E+02	2.5664 E+06	- 1.0461 E+05	4.2604 E+04	1.2418 E+06	- 3.8810 E+03	6.4846 E+03	3.9981 E+04	- 4.7678 E+02	0.0000 E+00	5.2084 E+01	- 2.0265 E+04	0.0000 E+00	1.1580 E+05
8.5409 E+01	1.0843 E+02	2.7723 E+06	- 1.0461 E+05	3.5503 E+04	1.9509 E+06	- 3.8810 E+03	6.0523 E+03	1.0187 E+05	- 5.0766 E+02	1.8178 E+02	5.0000 E+00	- 2.4119 E+04	5.3004 E+04	6.9833 E-01
8.5409 E+01	5.4213 E+01	5.0089 E+06	- 1.0461 E+05	2.8402 E+04	2.6097 E+06	- 3.8810 E+03	5.6200 E+03	1.0708 E+05	- 5.0766 E+02	0.0000 E+00	1.7836 E+02	- 2.4119 E+04	4.9470 E+04	4.1774 E+00
8.5409 E+01	0.0000 E+00	1.9271 E+07	- 1.0461 E+05	2.1302 E+04	3.5521 E+06	- 3.8810 E+03	5.1877 E+03	1.7927 E+05	- 5.3854 E+02	3.0297 E+01	1.6972 E-01	- 2.4119 E+04	4.5937 E+04	1.0000 E+01
2.3670 E+01	2.1685 E+03	1.3521 E+00	- 1.0461 E+05	1.4201 E+04	3.5942 E+06	- 3.8810 E+03	4.7554 E+03	2.1290 E+05	- 5.3854 E+02	0.0000 E+00	1.7043 E+01	- 2.4119 E+04	4.2403 E+04	2.2681 E+00
2.3670 E+01	2.0059 E+03	7.3333 E-02	- 1.0461 E+05	7.1006 E+03	4.3225 E+06	- 3.8810 E+03	4.3231 E+03	2.9563 E+05	- 5.6941 E+02	0.0000 E+00	5.9649 E+01	- 2.4119 E+04	3.5336 E+04	1.4814 E+00
2.3670 E+01	1.9517 E+03	3.6667 E-02	- 1.0461 E+05	0.0000 E+00	1.3620 E+07	- 3.8810 E+03	3.8908 E+03	4.7709 E+05				- 2.4119 E+04	3.1802 E+04	9.1395 E+00
2.3670 E+01	1.7890 E+03	3.6667 E-02	- 1.1228 E+05	1.7041 E+05	3.2100 E+02	- 3.8810 E+03	3.4585 E+03	5.7420 E+05				- 2.4119 E+04	2.8269 E+04	1.0235 E+01
2.3670 E+01	1.7348 E+03	3.6667 E-02	- 1.1228 E+05	1.6331 E+05	6.4360 E+02	- 3.8810 E+03	3.0262 E+03	5.9577 E+05				- 2.4119 E+04	2.4735 E+04	5.2731 E+00
2.3670 E+01	1.6806 E+03	7.3333 E-02	- 1.1228 E+05	1.5621 E+05	4.9010 E+02	- 3.8810 E+03	2.5939 E+03	7.9413 E+05				- 2.4119 E+04	2.1202 E+04	3.1190 E+01
2.3670 E+01	1.5722 E+03	1.3521 E+00	- 1.1228 E+05	1.4911 E+05	1.0498 E+03	- 3.8810 E+03	2.1615 E+03	6.8110 E+05				- 2.4119 E+04	1.7668 E+04	3.5565 E+01
2.3670 E+01	1.5180 E+03	1.0625 E+00	- 1.1228 E+05	1.4201 E+05	1.5145 E+03	- 3.8810 E+03	1.7292 E+03	7.3950 E+05				- 2.4119 E+04	1.4134 E+04	1.9648 E+02
2.3670 E+01	1.4637 E+03	3.6667 E-02	- 1.1228 E+05	1.3491 E+05	9.0733 E+03	- 3.8810 E+03	1.2969 E+03	1.0300 E+06				- 2.4119 E+04	1.0601 E+04	1.3421 E+02
2.3670 E+01	1.4095 E+03	4.2888 E+00	- 1.1228 E+05	1.2781 E+05	1.4193 E+03	- 3.8810 E+03	8.6462 E+02	1.7435 E+06				- 2.4119 E+04	7.0672 E+03	2.0367 E+03
2.3670 E+01	1.3553 E+03	7.3333 E-02	- 1.1228 E+05	1.2071 E+05	1.7595 E+04	- 3.8810 E+03	4.3231 E+02	4.1713 E+06				- 2.4119 E+04	3.5336 E+03	1.5033 E+04
2.3670 E+01	1.3011 E+03	7.3500 E-01	- 1.1228 E+05	1.1361 E+05	1.8372 E+04	- 3.8810 E+03	0.0000 E+00	7.8232 E+06				- 2.4119 E+04	0.0000 E+00	5.3015 E+04
2.3670 E+01	1.2469 E+03	1.1135 E+01	- 1.1228 E+05	1.0651 E+05	1.4443 E+04	- 4.3947 E+03	1.8589 E+04	8.4860 E-02				- 2.7974 E+04	4.5937 E+04	7.3333 E-02
2.3670 E+01	1.1927 E+03	1.4740 E+01	- 1.1228 E+05	9.9408 E+04	2.6106 E+04	- 4.3947 E+03	1.6860 E+04	1.0417 E+00				- 2.7974 E+04	3.1802 E+04	1.2092 E-02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.3670 E+01	1.1385 E+03	1.9047 E+01	- 1.1228 E+05	9.2308 E+04	4.0802 E+04	- 4.3947 E+03	1.5563 E+04	2.0639 E-01				- 2.7974 E+04	2.8269 E+04	4.4636 E+00
2.3670 E+01	1.0843 E+03	3.7564 E+01	- 1.1228 E+05	8.5207 E+04	7.1054 E+04	- 4.3947 E+03	1.4698 E+04	1.2153 E-01				- 2.7974 E+04	2.4735 E+04	4.0087 E-01
2.3670 E+01	1.0300 E+03	1.2835 E+02	- 1.1228 E+05	7.8106 E+04	1.2272 E+05	- 4.3947 E+03	1.3834 E+04	9.5535 E+00				- 2.7974 E+04	2.1202 E+04	9.0729 E+01
2.3670 E+01	9.7583 E+02	9.0905 E+02	- 1.1228 E+05	7.1006 E+04	2.2523 E+05	- 4.3947 E+03	1.3402 E+04	7.3333 E-02				- 2.7974 E+04	1.7668 E+04	2.7586 E+01
2.3670 E+01	9.2162 E+02	9.5791 E+02	- 1.1228 E+05	6.3905 E+04	4.0655 E+05	- 4.3947 E+03	1.2969 E+04	2.5514 E-01				- 2.7974 E+04	1.4134 E+04	3.8690 E+01
2.3670 E+01	8.6740 E+02	5.8018 E+01	- 1.1228 E+05	5.6805 E+04	6.6760 E+05	- 4.3947 E+03	1.2537 E+04	2.4780 E+00				- 2.7974 E+04	1.0601 E+04	4.3158 E+02
2.3670 E+01	8.1319 E+02	1.9324 E+03	- 1.1228 E+05	4.9704 E+04	1.0415 E+06	- 4.3947 E+03	1.2105 E+04	1.4111 E+00				- 2.7974 E+04	7.0672 E+03	1.1096 E+03
2.3670 E+01	7.5898 E+02	7.8645 E+03	- 1.1228 E+05	4.2604 E+04	1.6206 E+06	- 4.3947 E+03	1.1672 E+04	7.0368 E-01				- 2.7974 E+04	3.5336 E+03	1.4188 E+04
2.3670 E+01	7.0476 E+02	1.7364 E+04	- 1.1228 E+05	3.5503 E+04	2.3243 E+06	- 4.3947 E+03	1.1240 E+04	6.9238 E+00				- 2.7974 E+04	0.0000 E+00	2.7444 E+04
2.3670 E+01	6.5055 E+02	1.4135 E+04	- 1.1228 E+05	2.8402 E+04	3.2160 E+06	- 4.3947 E+03	1.0808 E+04	1.8522 E+02				- 3.1828 E+04	5.6537 E+04	7.3333 E-02
2.3670 E+01	5.9634 E+02	2.6727 E+04	- 1.1228 E+05	2.1302 E+04	3.8737 E+06	- 4.3947 E+03	1.0375 E+04	1.4190 E+02				- 3.1828 E+04	3.5336 E+04	4.4636 E+00
2.3670 E+01	5.4213 E+02	5.6073 E+04	- 1.1228 E+05	1.4201 E+04	3.4782 E+06	- 4.3947 E+03	9.9431 E+03	1.0725 E+02				- 3.1828 E+04	2.4735 E+04	5.0000 E+00
2.3670 E+01	4.8791 E+02	1.0196 E+05	- 1.1228 E+05	7.1006 E+03	4.2569 E+06	- 4.3947 E+03	9.5108 E+03	6.5448 E+02				- 3.1828 E+04	2.1202 E+04	8.1774 E-01
2.3670 E+01	4.3370 E+02	2.3005 E+05	- 1.1228 E+05	0.0000 E+00	1.4053 E+07	- 4.3947 E+03	9.0785 E+03	2.6035 E+03				- 3.1828 E+04	1.7668 E+04	1.2691 E+01
2.3670 E+01	3.7949 E+02	3.8252 E+05	- 1.1995 E+05	1.9172 E+05	2.0107 E+01	- 4.3947 E+03	8.6462 E+03	4.7264 E+03				- 3.1828 E+04	1.4134 E+04	1.5964 E+01
2.3670 E+01	3.2528 E+02	5.6226 E+05	- 1.1995 E+05	1.8462 E+05	2.0107 E+01	- 4.3947 E+03	8.2139 E+03	5.1874 E+03				- 3.1828 E+04	1.0601 E+04	7.6403 E+01
2.3670 E+01	2.7106 E+02	7.1271 E+05	- 1.1995 E+05	1.6331 E+05	3.2104 E+02	- 4.3947 E+03	7.7816 E+03	1.1176 E+04				- 3.1828 E+04	7.0672 E+03	1.1344 E+03
2.3670 E+01	2.1685 E+02	1.0941 E+06	- 1.1995 E+05	1.5621 E+05	3.5546 E+02	- 4.3947 E+03	7.3492 E+03	1.6529 E+04				- 3.1828 E+04	3.5336 E+03	8.5409 E+03

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.3670 E+01	1.6264 E+02	1.7273 E+06	- 1.1995 E+05	1.4911 E+05	2.9661 E+03	- 4.3947 E+03	6.9169 E+03	1.5101 E+04				- 3.1828 E+04	0.0000 E+00	2.1142 E+04
2.3670 E+01	1.0843 E+02	3.4290 E+06	- 1.1995 E+05	1.4201 E+05	5.5039 E+03	- 4.3947 E+03	6.4846 E+03	2.8578 E+04				- 3.5683 E+04	2.8269 E+04	3.8881 E-03
2.3670 E+01	5.4213 E+01	9.4306 E+06	- 1.1995 E+05	1.3491 E+05	8.3551 E+03	- 4.3947 E+03	6.0523 E+03	2.1016 E+04				- 3.5683 E+04	2.1202 E+04	4.0307 E+00
2.3670 E+01	0.0000 E+00	2.9663 E+07	- 1.1995 E+05	1.2781 E+05	2.9930 E+03	- 4.3947 E+03	5.6200 E+03	4.0806 E+04				- 3.5683 E+04	1.7668 E+04	2.1566 E+00
- 3.8068 E+01	2.0059 E+03	3.6667 E-02	- 1.1995 E+05	1.2071 E+05	1.7977 E+04	- 4.3947 E+03	5.1877 E+03	4.3974 E+04				- 3.5683 E+04	1.4134 E+04	1.2574 E+01
- 3.8068 E+01	1.9517 E+03	1.6377 E-01	- 1.1995 E+05	1.1361 E+05	2.4591 E+04	- 4.3947 E+03	4.7554 E+03	6.7844 E+04				- 3.5683 E+04	1.0601 E+04	3.5893 E+01
- 3.8068 E+01	1.8974 E+03	3.6667 E-02	- 1.1995 E+05	1.0651 E+05	2.0857 E+04	- 4.3947 E+03	4.3231 E+03	6.7812 E+04				- 3.5683 E+04	7.0672 E+03	7.7753 E+01
- 3.8068 E+01	1.8432 E+03	3.6667 E-02	- 1.1995 E+05	9.9408 E+04	3.6731 E+04	- 4.3947 E+03	3.8908 E+03	1.0014 E+05				- 3.5683 E+04	3.5336 E+03	4.1214 E+03
- 3.8068 E+01	1.6264 E+03	7.3333 E-02	- 1.1995 E+05	9.2308 E+04	6.7911 E+04	- 4.3947 E+03	3.4585 E+03	1.0610 E+05				- 3.5683 E+04	0.0000 E+00	2.1084 E+04
- 3.8068 E+01	1.5180 E+03	1.2867 E+00	- 1.1995 E+05	8.5207 E+04	8.7571 E+04	- 4.3947 E+03	3.0262 E+03	1.6347 E+05				- 3.9538 E+04	3.8869 E+04	2.0833 E+00
- 3.8068 E+01	1.4637 E+03	6.2500 E-01	- 1.1995 E+05	7.8106 E+04	1.3122 E+05	- 4.3947 E+03	2.5939 E+03	1.9922 E+05				- 3.9538 E+04	3.1802 E+04	7.3333 E-02
- 3.8068 E+01	1.4095 E+03	3.3149 E+00	- 1.1995 E+05	7.1006 E+04	1.5550 E+05	- 4.3947 E+03	2.1615 E+03	2.2821 E+05				- 3.9538 E+04	2.1202 E+04	1.0020 E+01
- 3.8068 E+01	1.3553 E+03	2.6021 E+00	- 1.1995 E+05	6.3905 E+04	3.5621 E+05	- 4.3947 E+03	1.7292 E+03	3.2136 E+05				- 3.9538 E+04	1.7668 E+04	1.2500 E+00
- 3.8068 E+01	1.3011 E+03	2.4865 E+01	- 1.1995 E+05	5.6805 E+04	6.5814 E+05	- 4.3947 E+03	1.2969 E+03	3.1745 E+05				- 3.9538 E+04	1.4134 E+04	5.8216 E+00
- 3.8068 E+01	1.2469 E+03	2.5888 E+01	- 1.1995 E+05	4.9704 E+04	1.0311 E+06	- 4.3947 E+03	8.6462 E+02	7.7957 E+05				- 3.9538 E+04	1.0601 E+04	1.0071 E+01
- 3.8068 E+01	1.1927 E+03	9.1323 E-01	- 1.1995 E+05	4.2604 E+04	1.8289 E+06	- 4.3947 E+03	4.3231 E+02	2.3032 E+06				- 3.9538 E+04	7.0672 E+03	2.4807 E+02
- 3.8068 E+01	1.1385 E+03	7.9084 E+00	- 1.1995 E+05	3.5503 E+04	2.7538 E+06	- 4.3947 E+03	0.0000 E+00	4.6094 E+06				- 3.9538 E+04	3.5336 E+03	2.6258 E+03
- 3.8068 E+01	1.0843 E+03	9.2336 E+00	- 1.1995 E+05	2.8402 E+04	3.5723 E+06	- 4.9085 E+03	1.8589 E+04	3.6667 E-02				- 3.9538 E+04	0.0000 E+00	6.1708 E+03

Original Instruction: T05 0138-8633 VER 00
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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.0300	1.7174	-	2.1302	4.1323	-	1.7725	8.4860				-	2.1202	1.5667
3.8068	E+03	E+01	1.1995	E+04	E+06	4.9085	E+04	E-02				4.3392	E+04	E-01
-	9.7583	2.1202	-	1.4201	4.4623	-	1.6428	8.4860				-	1.4134	7.3333
3.8068	E+02	E+01	1.1995	E+04	E+06	4.9085	E+04	E-02				4.3392	E+04	E-02
-	9.2162	1.0744	-	7.1006	5.0530	-	1.4698	3.6667				-	1.0601	5.4186
3.8068	E+02	E+02	1.1995	E+03	E+06	4.9085	E+04	E-02				4.3392	E+04	E+00
-	8.6740	1.7140	-	0.0000	1.6513	-	1.4266	3.6667				-	7.0672	3.3357
3.8068	E+02	E+03	1.1995	E+00	E+07	4.9085	E+04	E-02				4.3392	E+03	E+01
-	8.1319	8.9353	-	1.4911	4.1249	-	1.3834	3.6667				-	3.5336	4.6696
3.8068	E+02	E+02	1.2763	E+05	E+02	4.9085	E+04	E-02				4.3392	E+03	E+02
-	7.5898	1.6463	-	1.4201	1.2373	-	1.3402	1.2500				-	0.0000	2.6334
3.8068	E+02	E+02	1.2763	E+05	E+03	4.9085	E+04	E+00				4.3392	E+00	E+03
-	7.0476	9.7048	-	1.3491	8.5338	-	1.2969	6.2500				-	1.0601	5.2431
3.8068	E+02	E+02	1.2763	E+05	E+03	4.9085	E+04	E-01				4.7247	E+04	E+00
-	6.5055	1.8666	-	1.2781	1.9247	-	1.2105	3.6667				-	7.0672	3.8808
3.8068	E+02	E+03	1.2763	E+05	E+04	4.9085	E+04	E-02				4.7247	E+03	E+00
-	5.9634	2.0051	-	1.2071	3.2809	-	1.1672	3.6667				-	3.5336	2.2513
3.8068	E+02	E+03	1.2763	E+05	E+04	4.9085	E+04	E-02				4.7247	E+03	E+03
-	5.4213	4.6157	-	1.1361	2.4915	-	1.1240	3.6667				-	0.0000	8.6075
3.8068	E+02	E+03	1.2763	E+05	E+04	4.9085	E+04	E-02				4.7247	E+00	E+02
-	4.8791	1.9997	-	1.0651	2.5542	-	1.0808	1.0884				-	1.0601	3.8881
3.8068	E+02	E+04	1.2763	E+05	E+04	4.9085	E+04	E+02				5.1102	E+04	E-03
-	4.3370	2.8140	-	9.9408	3.1167	-	1.0375	1.9281				-	7.0672	1.5098
3.8068	E+02	E+04	1.2763	E+04	E+04	4.9085	E+04	E+02				5.1102	E+03	E+01
-	3.7949	2.0442	-	9.2308	8.8867	-	9.9431	9.1372				-	3.5336	3.6626
3.8068	E+02	E+04	1.2763	E+04	E+04	4.9085	E+03	E+02				5.1102	E+03	E+02
-	3.2528	5.6936	-	8.5207	9.6813	-	9.5108	1.3402				-	0.0000	4.2233
3.8068	E+02	E+04	1.2763	E+04	E+04	4.9085	E+03	E+03				5.1102	E+00	E+02
-	2.7106	1.2106	-	7.8106	1.5683	-	9.0785	5.4002				-	7.0672	5.0733
3.8068	E+02	E+05	1.2763	E+04	E+05	4.9085	E+03	E+02				5.4956	E+03	E+00
-	2.1685	2.0763	-	7.1006	2.3968	-	8.6462	6.4647				-	3.5336	3.5539
3.8068	E+02	E+05	1.2763	E+04	E+05	4.9085	E+03	E+02				5.4956	E+03	E+02
-	1.6264	5.0962	-	6.3905	3.3846	-	8.2139	2.1212				-	0.0000	4.4930
3.8068	E+02	E+05	1.2763	E+04	E+05	4.9085	E+03	E+03				5.4956	E+00	E+01
-	1.0843	1.0355	-	5.6805	6.5119	-	7.7816	2.6194				-	1.4134	2.4184
3.8068	E+02	E+06	1.2763	E+04	E+05	4.9085	E+03	E+03				5.8811	E+04	E-02

Original Instruction: T05 0138-8633 VER 00
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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 3.8068 E+01	5.4213 E+01	3.7307 E+06	- 1.2763 E+05	4.9704 E+04	1.2158 E+06	- 4.9085 E+03	7.3492 E+03	1.3673 E+03				- 5.8811 E+04	7.0672 E+03	8.3335 E-02
- 3.8068 E+01	0.0000 E+00	1.3689 E+07	- 1.2763 E+05	4.2604 E+04	1.9294 E+06	- 4.9085 E+03	6.9169 E+03	3.7311 E+03				- 5.8811 E+04	3.5336 E+03	2.2083 E+01
- 9.9807 E+01	1.7890 E+03	6.2500 E-01	- 1.2763 E+05	3.5503 E+04	2.8744 E+06	- 4.9085 E+03	6.4846 E+03	5.8887 E+03				- 5.8811 E+04	0.0000 E+00	2.0243 E+02
- 9.9807 E+01	1.5722 E+03	1.7500 E+00	- 1.2763 E+05	2.8402 E+04	4.0499 E+06	- 4.9085 E+03	6.0523 E+03	9.7829 E+03				- 6.2666 E+04	3.5336 E+03	1.0269 E+01
- 9.9807 E+01	1.4637 E+03	1.3231 E+01	- 1.2763 E+05	2.1302 E+04	4.8004 E+06	- 4.9085 E+03	5.6200 E+03	9.8297 E+03				- 6.2666 E+04	0.0000 E+00	5.4976 E+00
- 9.9807 E+01	1.4095 E+03	1.1481 E+01	- 1.2763 E+05	1.4201 E+04	4.9890 E+06	- 4.9085 E+03	5.1877 E+03	1.3584 E+04				- 6.6520 E+04	3.5336 E+03	5.1023 E+00
- 9.9807 E+01	1.3553 E+03	4.0233 E+00	- 1.2763 E+05	7.1006 E+03	6.6858 E+06	- 4.9085 E+03	4.7554 E+03	1.7935 E+04				- 6.6520 E+04	0.0000 E+00	1.5004 E+01
- 9.9807 E+01	1.3011 E+03	2.1536 E+01	- 1.2763 E+05	0.0000 E+00	2.0494 E+07	- 4.9085 E+03	4.3231 E+03	1.5799 E+04				- 7.0375 E+04	3.5336 E+03	1.5000 E+01
- 9.9807 E+01	1.2469 E+03	3.7271 E+00	- 1.3530 E+05	1.6331 E+05	3.6667 E-02	- 4.9085 E+03	3.8908 E+03	2.1279 E+04				- 7.0375 E+04	0.0000 E+00	5.1736 E+00
- 9.9807 E+01	1.1927 E+03	1.4545 E+01	- 1.3530 E+05	1.5621 E+05	1.0657 E+02	- 4.9085 E+03	3.4585 E+03	1.7249 E+04				- 7.4230 E+04	0.0000 E+00	5.0000 E+00
- 9.9807 E+01	1.1385 E+03	8.0792 E+00	- 1.3530 E+05	1.4911 E+05	5.6545 E+02	- 4.9085 E+03	3.0262 E+03	1.8502 E+04				- 7.8084 E+04	0.0000 E+00	5.0000 E+00
- 9.9807 E+01	1.0843 E+03	1.0767 E+01	- 1.3530 E+05	1.4201 E+05	9.8741 E+02	- 4.9085 E+03	2.5939 E+03	2.6026 E+04				- 8.5794 E+04	3.5336 E+03	5.0000 E+00
- 9.9807 E+01	1.0300 E+03	1.5017 E+01	- 1.3530 E+05	1.3491 E+05	4.1355 E+03	- 4.9085 E+03	2.1615 E+03	3.7269 E+04				- 8.9648 E+04	3.5336 E+03	5.0000 E+00
- 9.9807 E+01	9.7583 E+02	4.3482 E+01	- 1.3530 E+05	1.2781 E+05	5.7692 E+03	- 4.9085 E+03	1.7292 E+03	5.3958 E+04						
- 9.9807 E+01	9.2162 E+02	4.9877 E+01	- 1.3530 E+05	1.2071 E+05	1.6844 E+04	- 4.9085 E+03	1.2969 E+03	7.7403 E+04						
- 9.9807 E+01	8.6740 E+02	5.4373 E+01	- 1.3530 E+05	1.1361 E+05	3.5683 E+04	- 4.9085 E+03	8.6462 E+02	2.6621 E+05						
- 9.9807 E+01	8.1319 E+02	6.6006 E+01	- 1.3530 E+05	1.0651 E+05	3.1299 E+04	- 4.9085 E+03	4.3231 E+02	9.3550 E+05						
- 9.9807 E+01	7.5898 E+02	1.2383 E+02	- 1.3530 E+05	9.9408 E+04	4.5341 E+04	- 4.9085 E+03	0.0000 E+00	2.2786 E+06						

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	7.0476	7.7813	-	9.2308	6.8185	-	1.2969	3.6667						
9.9807	E+02	E+01	1.3530	E+04	E+04	5.4223	E+04	E-02						
E+01			E+05			E+03								
-	6.5055	2.2236	-	8.5207	9.6911	-	1.0808	1.0657						
9.9807	E+02	E+02	1.3530	E+04	E+04	5.4223	E+04	E+02						
E+01			E+05			E+03								
-	5.9634	2.0582	-	7.8106	1.8236	-	9.9431	7.2240						
9.9807	E+02	E+02	1.3530	E+04	E+05	5.4223	E+03	E+00						
E+01			E+05			E+03								
-	5.4213	2.5487	-	7.1006	2.6823	-	9.5108	2.3506						
9.9807	E+02	E+02	1.3530	E+04	E+05	5.4223	E+03	E+02						
E+01			E+05			E+03								
-	4.8791	3.1279	-	6.3905	4.8646	-	9.0785	1.7722						
9.9807	E+02	E+02	1.3530	E+04	E+05	5.4223	E+03	E+02						
E+01			E+05			E+03								
-	4.3370	4.9153	-	5.6805	8.3821	-	8.6462	1.6529						
9.9807	E+02	E+02	1.3530	E+04	E+05	5.4223	E+03	E+01						
E+01			E+05			E+03								
-	3.7949	5.8090	-	4.9704	1.2721	-	8.2139	2.1911						
9.9807	E+02	E+03	1.3530	E+04	E+06	5.4223	E+03	E+02						
E+01			E+05			E+03								
-	3.2528	8.4064	-	4.2604	2.2514	-	7.7816	1.1271						
9.9807	E+02	E+03	1.3530	E+04	E+06	5.4223	E+03	E+03						
E+01			E+05			E+03								
-	2.7106	1.0151	-	3.5503	3.7259	-	7.3492	5.1761						
9.9807	E+02	E+04	1.3530	E+04	E+06	5.4223	E+03	E+01						
E+01			E+05			E+03								
-	2.1685	1.5049	-	2.8402	5.2239	-	6.9169	6.2772						
9.9807	E+02	E+04	1.3530	E+04	E+06	5.4223	E+03	E+02						
E+01			E+05			E+03								
-	1.6264	3.5799	-	2.1302	6.0083	-	6.4846	4.7584						
9.9807	E+02	E+04	1.3530	E+04	E+06	5.4223	E+03	E+02						
E+01			E+05			E+03								
-	1.0843	7.2565	-	1.4201	5.9335	-	6.0523	2.4076						
9.9807	E+02	E+04	1.3530	E+04	E+06	5.4223	E+03	E+03						
E+01			E+05			E+03								
-	5.4213	2.4151	-	7.1006	8.6752	-	5.6200	2.8606						
9.9807	E+01	E+05	1.3530	E+03	E+06	5.4223	E+03	E+03						
E+01			E+05			E+03								
-	0.0000	1.5776	-	0.0000	2.6691	-	5.1877	2.5099						
9.9807	E+00	E+06	1.3530	E+00	E+07	5.4223	E+03	E+03						
E+01			E+05			E+03								
-	1.6264	6.6167	-	1.4201	1.5296	-	4.7554	4.6240						
1.6155	E+03	E-01	1.4297	E+05	E+02	5.4223	E+03	E+03						
E+02			E+05			E+03								
-	1.5722	3.7271	-	1.3491	1.5296	-	4.3231	1.2277						
1.6155	E+03	E+00	1.4297	E+05	E+02	5.4223	E+03	E+04						
E+02			E+05			E+03								
-	1.4637	3.6667	-	1.2781	8.2072	-	3.8908	3.8443						
1.6155	E+03	E-02	1.4297	E+05	E+02	5.4223	E+03	E+03						
E+02			E+05			E+03								
-	1.4095	3.6667	-	1.2071	4.8227	-	3.4585	8.0561						
1.6155	E+03	E-02	1.4297	E+05	E+03	5.4223	E+03	E+03						
E+02			E+05			E+03								

Original Instruction: T05 0138-8633 VER 00
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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.6155	3.3292	-	1.1361	1.0176	-	3.0262	5.3423						
1.6155	E+03	E+00	1.4297	E+05	E+04	5.4223	E+03	E+03						
-	1.6155	1.3639	-	1.0651	3.8632	-	2.5939	3.8740						
1.6155	E+03	E+01	1.4297	E+05	E+04	5.4223	E+03	E+03						
-	1.6155	6.9378	-	9.9408	4.7857	-	2.1615	4.2284						
1.6155	E+03	E+00	1.4297	E+05	E+04	5.4223	E+03	E+03						
-	1.6155	5.8750	-	9.2308	9.5510	-	1.7292	1.0933						
1.6155	E+03	E+00	1.4297	E+05	E+04	5.4223	E+03	E+04						
-	1.6155	2.3750	-	8.5207	1.2636	-	1.2969	2.0834						
1.6155	E+03	E+00	1.4297	E+05	E+05	5.4223	E+03	E+04						
-	1.6155	1.6306	-	7.8106	2.0728	-	8.6462	6.6106						
1.6155	E+03	E+01	1.4297	E+05	E+05	5.4223	E+03	E+04						
-	1.6155	2.2796	-	7.1006	3.8239	-	4.3231	2.8854						
1.6155	E+02	E+01	1.4297	E+05	E+05	5.4223	E+03	E+05						
-	1.6155	5.2230	-	6.3905	5.5702	-	0.0000	9.8883						
1.6155	E+02	E+01	1.4297	E+05	E+05	5.4223	E+03	E+05						
-	1.6155	5.9238	-	5.6805	1.1207	-	1.6860	3.6667						
1.6155	E+02	E+01	1.4297	E+05	E+06	5.9361	E+03	E-02						
-	1.6155	1.8808	-	4.9704	1.8378	-	1.1240	5.4590						
1.6155	E+02	E+01	1.4297	E+05	E+06	5.9361	E+03	E+01						
-	1.6155	2.8525	-	4.2604	3.3757	-	1.0808	1.6972						
1.6155	E+02	E+01	1.4297	E+05	E+06	5.9361	E+03	E-01						
-	1.6155	5.9403	-	3.5503	5.2042	-	9.5108	4.9456						
1.6155	E+02	E+01	1.4297	E+05	E+06	5.9361	E+03	E+01						
-	1.6155	7.5150	-	2.8402	7.2314	-	9.0785	4.5369						
1.6155	E+02	E+01	1.4297	E+05	E+06	5.9361	E+03	E+00						
-	1.6155	1.4598	-	2.1302	8.1668	-	8.6462	1.0832						
1.6155	E+02	E+02	1.4297	E+05	E+06	5.9361	E+03	E+02						
-	1.6155	2.4110	-	1.4201	8.2814	-	8.2139	1.8727						
1.6155	E+02	E+02	1.4297	E+05	E+06	5.9361	E+03	E+02						
-	1.6155	1.7654	-	7.1006	1.1542	-	7.7816	4.6868						
1.6155	E+02	E+02	1.4297	E+05	E+07	5.9361	E+03	E+01						
-	1.6155	1.0490	-	0.0000	3.3214	-	7.3492	5.7579						
1.6155	E+02	E+02	1.4297	E+05	E+07	5.9361	E+03	E+01						
-	1.6155	2.8442	-	1.2781	2.7042	-	6.9169	5.7886						
1.6155	E+02	E+02	1.5065	E+05	E+00	5.9361	E+03	E+02						

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 2023-08-29 by W&S
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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-			-			-								
1.6155	3.2528	3.4855	1.5065	1.2071	3.0862	5.9361	6.4846	1.4760						
E+02	E+02	E+02	E+05	E+05	E+02	E+03	E+03	E+02						
-			-			-								
1.6155	2.7106	3.4797	1.5065	1.1361	4.0563	5.9361	6.0523	1.4860						
E+02	E+02	E+02	E+05	E+05	E+00	E+03	E+03	E+03						
-			-			-								
1.6155	2.1685	3.6857	1.5065	1.0651	5.2336	5.9361	5.6200	9.7404						
E+02	E+02	E+03	E+05	E+05	E+03	E+03	E+03	E+02						
-			-			-								
1.6155	1.6264	1.4011	1.5065	9.9408	6.6605	5.9361	5.1877	1.0242						
E+02	E+02	E+04	E+05	E+04	E+03	E+03	E+03	E+03						
-			-			-								
1.6155	1.0843	2.8357	1.5065	9.2308	1.3587	5.9361	4.7554	1.3570						
E+02	E+02	E+04	E+05	E+04	E+04	E+03	E+03	E+03						
-			-			-								
1.6155	5.4213	3.5185	1.5065	8.5207	4.5623	5.9361	4.3231	4.0378						
E+02	E+01	E+04	E+05	E+04	E+04	E+03	E+03	E+03						
-			-			-								
1.6155	0.0000	3.1710	1.5065	7.8106	1.1355	5.9361	3.8908	2.0748						
E+02	E+00	E+05	E+05	E+04	E+05	E+03	E+03	E+02						
-			-			-								
2.2328	1.7348	1.7500	1.5065	7.1006	2.1161	5.9361	3.4585	1.0815						
E+02	E+03	E+00	E+05	E+04	E+05	E+03	E+03	E+03						
-			-			-								
2.2328	1.4637	1.3521	1.5065	6.3905	4.3584	5.9361	3.0262	3.2234						
E+02	E+03	E+00	E+05	E+04	E+05	E+03	E+03	E+03						
-			-			-								
2.2328	1.3553	6.2042	1.5065	5.6805	8.6760	5.9361	2.5939	5.2263						
E+02	E+03	E+00	E+05	E+04	E+05	E+03	E+03	E+02						
-			-			-								
2.2328	1.3011	9.7042	1.5065	4.9704	1.7502	5.9361	2.1615	1.4540						
E+02	E+03	E+00	E+05	E+04	E+06	E+03	E+03	E+03						
-			-			-								
2.2328	1.2469	7.9542	1.5065	4.2604	3.0826	5.9361	1.7292	8.0543						
E+02	E+03	E+00	E+05	E+04	E+06	E+03	E+03	E+02						
-			-			-								
2.2328	1.1927	1.1125	1.5065	3.5503	4.9574	5.9361	1.2969	7.7228						
E+02	E+03	E+01	E+05	E+04	E+06	E+03	E+03	E+03						
-			-			-								
2.2328	1.1385	2.9898	1.5065	2.8402	7.8278	5.9361	8.6462	1.4882						
E+02	E+03	E+01	E+05	E+04	E+06	E+03	E+02	E+04						
-			-			-								
2.2328	1.0843	2.8148	1.5065	2.1302	8.9008	5.9361	4.3231	1.1789						
E+02	E+03	E+01	E+05	E+04	E+06	E+03	E+02	E+05						
-			-			-								
2.2328	1.0300	2.7558	1.5065	1.4201	9.0441	5.9361	0.0000	3.3315						
E+02	E+03	E+01	E+05	E+04	E+06	E+03	E+00	E+05						
-			-			-								
2.2328	9.7583	4.7286	1.5065	7.1006	1.2695	6.4499	1.0375	1.4297						
E+02	E+02	E+01	E+05	E+03	E+07	E+03	E+04	E+01						
-			-			-								
2.2328	9.2162	3.1215	1.5065	0.0000	3.3096	6.4499	9.9431	2.2318						
E+02	E+02	E+01	E+05	E+00	E+07	E+03	E+03	E+00						

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 2.2328 E+02	8.6740 E+02	4.3985 E+01	- 1.5832 E+05	1.5621 E+05	1.3521 E+00	- 6.4499 E+03	9.0785 E+03	1.0557 E+00						
- 2.2328 E+02	8.1319 E+02	2.0912 E+01	- 1.5832 E+05	1.2071 E+05	2.7042 E+00	- 6.4499 E+03	8.6462 E+03	6.4802 E-01						
- 2.2328 E+02	7.5898 E+02	1.8852 E+01	- 1.5832 E+05	9.9408 E+04	2.7042 E+00	- 6.4499 E+03	7.7816 E+03	6.1421 E+00						
- 2.2328 E+02	7.0476 E+02	2.2908 E+01	- 1.5832 E+05	8.5207 E+04	7.4242 E+02	- 6.4499 E+03	7.3492 E+03	6.9468 E+00						
- 2.2328 E+02	6.5055 E+02	4.5686 E+01	- 1.5832 E+05	7.8106 E+04	6.1392 E+03	- 6.4499 E+03	6.4846 E+03	3.0858 E+00						
- 2.2328 E+02	5.9634 E+02	1.7954 E+01	- 1.5832 E+05	7.1006 E+04	2.1708 E+04	- 6.4499 E+03	6.0523 E+03	3.7088 E+01						
- 2.2328 E+02	5.4213 E+02	8.4213 E+01	- 1.5832 E+05	6.3905 E+04	8.8941 E+04	- 6.4499 E+03	5.6200 E+03	2.3852 E+01						
- 2.2328 E+02	4.8791 E+02	5.6166 E+01	- 1.5832 E+05	5.6805 E+04	2.1892 E+05	- 6.4499 E+03	5.1877 E+03	2.0678 E+02						
- 2.2328 E+02	4.3370 E+02	5.4580 E+01	- 1.5832 E+05	4.9704 E+04	4.9146 E+05	- 6.4499 E+03	4.7554 E+03	1.2333 E+02						
- 2.2328 E+02	3.7949 E+02	8.1030 E+01	- 1.5832 E+05	4.2604 E+04	1.2130 E+06	- 6.4499 E+03	4.3231 E+03	9.0969 E+00						
- 2.2328 E+02	3.2528 E+02	5.1119 E+01	- 1.5832 E+05	3.5503 E+04	1.8806 E+06	- 6.4499 E+03	3.8908 E+03	1.1967 E+02						
- 2.2328 E+02	2.7106 E+02	5.6043 E+01	- 1.5832 E+05	2.8402 E+04	3.1589 E+06	- 6.4499 E+03	3.4585 E+03	1.6953 E+02						
- 2.2328 E+02	2.1685 E+02	1.9086 E+02	- 1.5832 E+05	2.1302 E+04	3.9898 E+06	- 6.4499 E+03	3.0262 E+03	7.6812 E+00						
- 2.2328 E+02	1.6264 E+02	1.8603 E+03	- 1.5832 E+05	1.4201 E+04	3.9637 E+06	- 6.4499 E+03	2.5939 E+03	9.8076 E-01						
- 2.2328 E+02	1.0843 E+02	3.6803 E+03	- 1.5832 E+05	7.1006 E+03	6.3412 E+06	- 6.4499 E+03	2.1615 E+03	1.2983 E+03						
- 2.2328 E+02	5.4213 E+01	6.2693 E+03	- 1.5832 E+05	0.0000 E+00	2.0472 E+07	- 6.4499 E+03	1.7292 E+03	2.4051 E+02						
- 2.2328 E+02	0.0000 E+00	4.3143 E+04	- 1.6599 E+05	9.9408 E+04	1.3521 E+00	- 6.4499 E+03	1.2969 E+03	4.7137 E+02						
- 2.8502 E+02	1.4637 E+03	3.5000 E+00	- 1.6599 E+05	8.5207 E+04	3.0592 E+02	- 6.4499 E+03	8.6462 E+02	4.9418 E+03						

Original Instruction: T05 0138-8633 VER 00
 4426-7700-00-00-01-0 - Jaberster@dnv.com - Yvonne Förster
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBSRRE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 2.8502 E+02	1.4095 E+03	1.3521 E+00	- 1.6599 E+05	6.3905 E+04	8.6169 E+02	- 6.4499 E+03	4.3231 E+02	3.5752 E+04						
- 2.8502 E+02	1.3553 E+03	3.1021 E+00	- 1.6599 E+05	5.6805 E+04	5.7750 E+03	- 6.4499 E+03	0.0000 E+00	1.2325 E+05						
- 2.8502 E+02	1.3011 E+03	1.3521 E+00	- 1.6599 E+05	4.9704 E+04	4.1024 E+04	- 6.9637 E+03	9.9431 E+03	1.6972 E-01						
- 2.8502 E+02	1.2469 E+03	4.8521 E+00	- 1.6599 E+05	4.2604 E+04	8.4918 E+04	- 6.9637 E+03	9.5108 E+03	4.0307 E+00						
- 2.8502 E+02	1.1927 E+03	1.7500 E+00	- 1.6599 E+05	3.5503 E+04	2.1962 E+05	- 6.9637 E+03	8.6462 E+03	1.2254 E+00						
- 2.8502 E+02	1.1385 E+03	6.6021 E+00	- 1.6599 E+05	2.8402 E+04	4.7186 E+05	- 6.9637 E+03	8.2139 E+03	1.6972 E-01						
- 2.8502 E+02	1.0843 E+03	4.8521 E+00	- 1.6599 E+05	2.1302 E+04	5.2062 E+05	- 6.9637 E+03	7.3492 E+03	4.6787 E+00						
- 2.8502 E+02	1.0300 E+03	9.7042 E+00	- 1.6599 E+05	1.4201 E+04	7.2894 E+05	- 6.9637 E+03	6.9169 E+03	1.7037 E+00						
- 2.8502 E+02	9.7583 E+02	7.8521 E+00	- 1.6599 E+05	7.1006 E+03	1.4324 E+06	- 6.9637 E+03	6.4846 E+03	1.6972 E-01						
- 2.8502 E+02	9.2162 E+02	1.4317 E+01	- 1.6599 E+05	0.0000 E+00	7.2063 E+06	- 6.9637 E+03	6.0523 E+03	1.6972 E-01						
- 2.8502 E+02	8.6740 E+02	2.2225 E+01	- 1.7366 E+05	5.6805 E+04	8.1646 E+02	- 6.9637 E+03	5.6200 E+03	4.6787 E+00						
- 2.8502 E+02	8.1319 E+02	1.2863 E+01	- 1.7366 E+05	4.9704 E+04	2.7042 E+00	- 6.9637 E+03	5.1877 E+03	2.2681 E+00						
- 2.8502 E+02	7.5898 E+02	2.5205 E+01	- 1.7366 E+05	4.2604 E+04	8.4850 E+03	- 6.9637 E+03	4.7554 E+03	7.3333 E-02						
- 2.8502 E+02	7.0476 E+02	7.0733 E+00	- 1.7366 E+05	3.5503 E+04	1.7826 E+03	- 6.9637 E+03	4.3231 E+03	9.2638 E+00						
- 2.8502 E+02	6.5055 E+02	2.7775 E+00	- 1.7366 E+05	2.8402 E+04	1.6305 E+04	- 6.9637 E+03	3.8908 E+03	4.1098 E+02						
- 2.8502 E+02	5.9634 E+02	1.7158 E+01	- 1.7366 E+05	2.1302 E+04	3.2159 E+04	- 6.9637 E+03	3.4585 E+03	6.5693 E+00						
- 2.8502 E+02	5.4213 E+02	4.4055 E+01	- 1.7366 E+05	1.4201 E+04	4.2055 E+04	- 6.9637 E+03	3.0262 E+03	7.6246 E+01						
- 2.8502 E+02	4.8791 E+02	3.4674 E+01	- 1.7366 E+05	7.1006 E+03	1.5515 E+05	- 6.9637 E+03	2.5939 E+03	1.0271 E+01						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 2.8502 E+02	4.3370 E+02	2.4954 E+01	- 1.7366 E+05	0.0000 E+00	1.5207 E+06	- 6.9637 E+03	2.1615 E+03	7.8410 E+01						
- 2.8502 E+02	3.7949 E+02	3.4438 E+01	- 1.8134 E+05	3.5503 E+04	5.4084 E+00	- 6.9637 E+03	1.7292 E+03	5.4128 E+00						
- 2.8502 E+02	3.2528 E+02	3.8890 E+01	- 1.8134 E+05	2.8402 E+04	8.1126 E+00	- 6.9637 E+03	1.2969 E+03	4.6314 E+02						
- 2.8502 E+02	2.7106 E+02	6.1149 E+01	- 1.8134 E+05	2.1302 E+04	5.4084 E+00	- 6.9637 E+03	8.6462 E+02	3.6374 E+03						
- 2.8502 E+02	2.1685 E+02	5.3028 E+01	- 1.8134 E+05	1.4201 E+04	1.2419 E+03	- 6.9637 E+03	4.3231 E+02	1.3775 E+04						
- 2.8502 E+02	1.6264 E+02	8.0516 E+01	- 1.8134 E+05	7.1006 E+03	4.0780 E+03	- 6.9637 E+03	0.0000 E+00	4.9962 E+04						
- 2.8502 E+02	1.0843 E+02	1.2843 E+02	- 1.8134 E+05	0.0000 E+00	2.4416 E+05	- 7.4774 E+03	9.5108 E+03	1.0557 E+00						
- 2.8502 E+02	5.4213 E+01	4.4320 E+03	- 1.8901 E+05	2.8402 E+04	5.4084 E+00	- 7.4774 E+03	6.9169 E+03	4.0307 E+00						
- 2.8502 E+02	0.0000 E+00	2.3654 E+04	- 1.8901 E+05	2.1302 E+04	2.7042 E+00	- 7.4774 E+03	6.4846 E+03	1.0557 E+00						
- 3.4676 E+02	1.5722 E+03	2.7042 E+00	- 1.8901 E+05	7.1006 E+03	1.6372 E+01	- 7.4774 E+03	5.6200 E+03	4.6787 E+00						
- 3.4676 E+02	1.4637 E+03	1.7500 E+00	- 1.8901 E+05	0.0000 E+00	2.9655 E+04	- 7.4774 E+03	5.1877 E+03	1.6972 E-01						
- 3.4676 E+02	1.3553 E+03	1.3521 E+00	- 1.9668 E+05	5.6805 E+04	2.7042 E+00	- 7.4774 E+03	4.7554 E+03	4.0307 E+00						
- 3.4676 E+02	1.3011 E+03	1.7500 E+00	- 1.9668 E+05	2.1302 E+04	2.7042 E+00	- 7.4774 E+03	4.3231 E+03	1.4667 E-01						
- 3.4676 E+02	1.2469 E+03	3.1021 E+00	- 1.9668 E+05	7.1006 E+03	5.4084 E+00	- 7.4774 E+03	3.8908 E+03	1.3233 E+00						
- 3.4676 E+02	1.1927 E+03	2.7042 E+00	- 1.9668 E+05	0.0000 E+00	1.0890 E+01	- 7.4774 E+03	3.4585 E+03	3.3944 E-01						
- 3.4676 E+02	1.1385 E+03	1.7500 E+00	- 2.0435 E+05	1.4201 E+04	2.7042 E+00	- 7.4774 E+03	3.0262 E+03	2.3414 E+00						
- 3.4676 E+02	1.0843 E+03	1.3521 E+00	- 2.0435 E+05	0.0000 E+00	2.7042 E+00	- 7.4774 E+03	2.5939 E+03	1.6972 E-01						
- 3.4676 E+02	1.0300 E+03	2.7042 E+00	- 2.1203 E+05	0.0000 E+00	1.0817 E+01	- 7.4774 E+03	2.1615 E+03	1.4277 E+01						

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Markov Matrices

F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 3.4676 E+02	9.7583 E+02	1.3521 E+00				- 7.4774 E+03	1.7292 E+03	1.9311 E+01						
- 3.4676 E+02	9.2162 E+02	6.2042 E+00				- 7.4774 E+03	1.2969 E+03	3.0664 E+02						
- 3.4676 E+02	8.6740 E+02	3.5000 E+00				- 7.4774 E+03	8.6462 E+02	9.2561 E+01						
- 3.4676 E+02	7.5898 E+02	5.4084 E+00				- 7.4774 E+03	4.3231 E+02	4.9538 E+03						
- 3.4676 E+02	7.0476 E+02	3.5000 E+00				- 7.4774 E+03	0.0000 E+00	1.8709 E+04						
- 3.4676 E+02	6.5055 E+02	8.9084 E+00				- 7.9912 E+03	6.9169 E+03	1.0557 E+00						
- 3.4676 E+02	5.9634 E+02	7.0733 E+00				- 7.9912 E+03	6.4846 E+03	2.1114 E+00						
- 3.4676 E+02	5.4213 E+02	8.1126 E+00				- 7.9912 E+03	3.8908 E+03	4.2004 E+00						
- 3.4676 E+02	4.8791 E+02	2.2030 E+01				- 7.9912 E+03	3.4585 E+03	7.3333 E-02						
- 3.4676 E+02	4.3370 E+02	1.5567 E+01				- 7.9912 E+03	3.0262 E+03	2.1114 E+00						
- 3.4676 E+02	3.7949 E+02	2.4954 E+01				- 7.9912 E+03	1.7292 E+03	5.1116 E+00						
- 3.4676 E+02	3.2528 E+02	1.1686 E+01				- 7.9912 E+03	1.2969 E+03	6.3340 E+00						
- 3.4676 E+02	2.7106 E+02	2.1528 E+01				- 7.9912 E+03	8.6462 E+02	3.4354 E+02						
- 3.4676 E+02	2.1685 E+02	3.3594 E+01				- 7.9912 E+03	4.3231 E+02	1.7192 E+02						
- 3.4676 E+02	1.6264 E+02	7.4228 E+01				- 7.9912 E+03	0.0000 E+00	9.2222 E+03						
- 3.4676 E+02	1.0843 E+02	9.2337 E+01				- 8.5050 E+03	8.2139 E+03	7.3333 E-02						
- 3.4676 E+02	5.4213 E+01	2.9561 E+02				- 8.5050 E+03	7.3492 E+03	1.6972 E-01						
- 3.4676 E+02	0.0000 E+00	5.8173 E+02				- 8.5050 E+03	6.0523 E+03	1.0557 E+00						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 4.0850 E+02	1.5180 E+03	1.7500 E+00				- 8.5050 E+03	3.8908 E+03	6.4802 E-01						
- 4.0850 E+02	8.6740 E+02	5.4084 E+00				- 8.5050 E+03	3.0262 E+03	7.2135 E-01						
- 4.0850 E+02	7.5898 E+02	6.2042 E+00				- 8.5050 E+03	1.2969 E+03	3.3944 E-01						
- 4.0850 E+02	7.0476 E+02	2.7042 E+00				- 8.5050 E+03	8.6462 E+02	1.9626 E+01						
- 4.0850 E+02	6.5055 E+02	9.7042 E+00				- 8.5050 E+03	4.3231 E+02	4.4759 E+02						
- 4.0850 E+02	5.9634 E+02	2.7042 E+00				- 8.5050 E+03	0.0000 E+00	8.4995 E+02						
- 4.0850 E+02	5.4213 E+02	2.7042 E+00				- 9.0188 E+03	5.6200 E+03	1.6972 E-01						
- 4.0850 E+02	4.3370 E+02	1.6704 E+01				- 9.0188 E+03	2.1615 E+03	7.3333 E-02						
- 4.0850 E+02	3.7949 E+02	4.4059 E+01				- 9.0188 E+03	1.2969 E+03	4.2004 E+00						
- 4.0850 E+02	3.2528 E+02	1.7890 E+01				- 9.0188 E+03	8.6462 E+02	6.1290 E+00						
- 4.0850 E+02	2.7106 E+02	3.2716 E+01				- 9.0188 E+03	4.3231 E+02	6.6087 E+02						
- 4.0850 E+02	2.1685 E+02	2.1390 E+01				- 9.0188 E+03	0.0000 E+00	5.0877 E+02						
- 4.0850 E+02	1.6264 E+02	5.3976 E+01				- 9.5326 E+03	1.7292 E+03	7.3333 E-02						
- 4.0850 E+02	1.0843 E+02	6.7400 E+01				- 9.5326 E+03	4.3231 E+02	4.1277 E-01						
- 4.0850 E+02	5.4213 E+01	1.4012 E+02				- 9.5326 E+03	0.0000 E+00	1.9406 E+02						
- 4.0850 E+02	0.0000 E+00	4.7887 E+02				- 1.0046 E+04	3.8908 E+03	7.3333 E-02						
- 4.7024 E+02	1.1385 E+03	1.3521 E+00				- 1.0046 E+04	1.7292 E+03	7.3333 E-02						
- 4.7024 E+02	6.5055 E+02	3.5000 E+00				- 1.0046 E+04	4.3231 E+02	6.2960 E+00						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	2.7106	2.2113												
5.3198	E+02	E+01												
-	2.1685	4.0275												
5.3198	E+02	E+00												
-	1.6264	2.4417												
5.3198	E+02	E+01												
-	1.0843	4.4030												
5.3198	E+02	E+01												
-	5.4213	8.2870												
5.3198	E+02	E+01												
-	0.0000	1.4601												
5.3198	E+02	E+02												
-	8.1319	3.5000												
5.9372	E+02	E+00												
-	5.9634	2.7042												
5.9372	E+02	E+00												
-	4.3370	8.1126												
5.9372	E+02	E+00												
-	3.7949	2.7717												
5.9372	E+02	E+00												
-	3.2528	7.0733												
5.9372	E+02	E+00												
-	2.7106	8.1859												
5.9372	E+02	E+00												
-	2.1685	1.2482												
5.9372	E+02	E+01												
-	1.6264	1.4390												
5.9372	E+02	E+01												
-	1.0843	3.6825												
5.9372	E+02	E+01												
-	5.4213	7.4193												
5.9372	E+02	E+01												
-	0.0000	1.0209												
5.9372	E+02	E+02												
-	4.8791	2.7042												
6.5546	E+02	E+00												

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Markov Matrices

F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 6.5546 E+02	4.3370 E+02	3.5000 E+00												
- 6.5546 E+02	3.7949 E+02	6.2042 E+00												
- 6.5546 E+02	3.2528 E+02	5.4084 E+00												
- 6.5546 E+02	2.7106 E+02	2.7042 E+00												
- 6.5546 E+02	2.1685 E+02	2.7042 E+00												
- 6.5546 E+02	1.6264 E+02	1.3121 E+01												
- 6.5546 E+02	1.0843 E+02	3.9447 E+01												
- 6.5546 E+02	5.4213 E+01	3.1347 E+01												
- 6.5546 E+02	0.0000 E+00	6.9077 E+01												
- 7.1720 E+02	2.1685 E+02	2.7042 E+00												
- 7.1720 E+02	1.6264 E+02	3.5000 E+00												
- 7.1720 E+02	1.0843 E+02	6.2042 E+00												
- 7.1720 E+02	5.4213 E+01	1.2408 E+01												
- 7.1720 E+02	0.0000 E+00	3.4997 E+01												
- 7.7893 E+02	3.7949 E+02	2.7042 E+00												
- 7.7893 E+02	3.2528 E+02	2.7042 E+00												
- 7.7893 E+02	1.0843 E+02	7.3333 E-02												
- 7.7893 E+02	5.4213 E+01	1.9399 E+01												

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Class T05

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Description:
 Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices

F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 7.7893 E+02	0.0000 E+00	1.5908 E+01												
- 9.0241 E+02	5.4213 E+01	2.7042 E+00												
- 9.0241 E+02	0.0000 E+00	2.7042 E+00												
- 9.6415 E+02	0.0000 E+00	2.7042 E+00												

Table 5-8 [6] Markov Matrix

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Appendix H. Markov matrices – issued from [7]

This appendix contains the Markov Matrices for the shear force, the bending moment and the torsional moment in the bottom of the tower, from ref. [7]. Foundation design must be verified for the most critical Markov matrices.

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.5284 E+03	0.0000 E+00	1.2500 E+00	1.3835 E+05	6.8388 E+03	3.3804 E+00	8.8042 E+03	1.2434 E+03	3.3804 E+00	7.0258 E+02	0.0000 E+00	2.6042 E+00	8.5287 E+04	3.6998 E+03	2.1215 E-01
1.4001 E+03	1.0905 E+02	3.3804 E+00	1.3092 E+05	1.3678 E+04	3.3804 E+00	8.2667 E+03	0.0000 E+00	6.8237 E+01	6.2967 E+02	0.0000 E+00	1.1061 E+01	8.1111 E+04	0.0000 E+00	1.2782 E-01
1.4001 E+03	0.0000 E+00	5.6712 E+00	1.3092 E+05	6.8388 E+03	3.3804 E+00	7.7291 E+03	2.9012 E+03	3.3804 E+00	5.9321 E+02	3.6457 E+01	5.0384 E+00	7.6936 E+04	3.6998 E+03	5.0000 E+00
1.3360 E+03	1.0905 E+02	8.2492 E+00	1.2349 E+05	0.0000 E+00	1.6401 E+01	7.7291 E+03	4.1445 E+02	3.3804 E+00	5.9321 E+02	0.0000 E+00	4.6360 E+01	7.6936 E+04	0.0000 E+00	1.5424 E+01
1.3360 E+03	5.4526 E+01	8.1602 E+02	1.1607 E+05	6.8388 E+03	3.5000 E+00	7.7291 E+03	0.0000 E+00	2.0833 E+02	5.5676 E+02	1.0937 E+02	1.0607 E-01	7.2760 E+04	7.3996 E+03	5.0384 E+00
1.3360 E+03	0.0000 E+00	1.6592 E+03	1.1607 E+05	0.0000 E+00	1.7261 E+01	7.1916 E+03	2.0723 E+03	3.3804 E+00	5.5676 E+02	3.6457 E+01	1.2500 E+00	7.2760 E+04	0.0000 E+00	1.6189 E+01
1.2718 E+03	2.7263 E+02	3.3804 E+00	1.0864 E+05	6.8388 E+03	3.3804 E+00	7.1916 E+03	0.0000 E+00	8.1491 E+00	5.5676 E+02	0.0000 E+00	4.4748 E+00	6.8585 E+04	7.3996 E+03	2.1215 E-01
1.2718 E+03	2.1810 E+02	3.8240 E+02	1.0864 E+05	0.0000 E+00	5.1902 E+01	6.6541 E+03	4.1445 E+02	1.4260 E+03	5.2030 E+02	2.1874 E+02	1.2782 E-01	6.8585 E+04	3.6998 E+03	6.1283 E+00
1.2718 E+03	1.6358 E+02	1.6084 E+03	1.0121 E+05	5.4710 E+04	3.3804 E+00	6.6541 E+03	0.0000 E+00	2.2849 E+03	5.2030 E+02	1.4583 E+02	5.0000 E+00	6.8585 E+04	0.0000 E+00	2.0848 E+01
1.2718 E+03	1.0905 E+02	1.1950 E+03	1.0121 E+05	1.3678 E+04	3.5000 E+00	6.1165 E+03	8.7035 E+03	1.7872 E+01	5.2030 E+02	3.6457 E+01	2.2112 E+02	6.4409 E+04	2.5899 E+04	2.1215 E-01
1.2718 E+03	5.4526 E+01	2.4144 E+04	1.0121 E+05	6.8388 E+03	1.0380 E+01	6.1165 E+03	3.3156 E+03	3.3804 E+00	5.2030 E+02	0.0000 E+00	5.2246 E+02	6.4409 E+04	2.2199 E+04	2.1215 E-01
1.2718 E+03	0.0000 E+00	2.5246 E+04	1.0121 E+05	0.0000 E+00	1.2149 E+02	6.1165 E+03	1.6578 E+03	3.3804 E+00	4.8384 E+02	1.0937 E+02	5.0000 E+00	6.4409 E+04	1.1099 E+04	8.1003 E-01
1.2077 E+03	2.7263 E+02	1.9120 E+02	9.3778 E+04	3.4194 E+04	6.7608 E+00	6.1165 E+03	8.2891 E+02	2.6641 E+02	4.8384 E+02	7.2914 E+01	1.9098 E+00	6.4409 E+04	7.3996 E+03	1.5317 E+00
1.2077 E+03	2.1810 E+02	1.6118 E+03	9.3778 E+04	2.0516 E+04	3.5000 E+00	6.1165 E+03	4.1445 E+02	6.5528 E+01	4.8384 E+02	3.6457 E+01	1.5653 E+02	6.4409 E+04	3.6998 E+03	1.1167 E+02
1.2077 E+03	1.6358 E+02	6.7031 E+03	9.3778 E+04	1.3678 E+04	1.0380 E+01	6.1165 E+03	0.0000 E+00	2.6594 E+03	4.8384 E+02	0.0000 E+00	2.1618 E+02	6.4409 E+04	0.0000 E+00	2.1916 E+01
1.2077 E+03	1.0905 E+02	1.8698 E+04	9.3778 E+04	6.8388 E+03	3.4374 E+01	5.5790 E+03	3.7301 E+03	3.3804 E+00	4.4739 E+02	3.2811 E+02	1.0000 E+01	6.0233 E+04	4.8098 E+04	2.1215 E-01
1.2077 E+03	5.4526 E+01	5.3554 E+04	9.3778 E+04	0.0000 E+00	2.7641 E+01	5.5790 E+03	2.9012 E+03	2.5230 E+01	4.4739 E+02	1.0937 E+02	1.5000 E+01	6.0233 E+04	4.0698 E+04	2.1215 E-01
1.2077 E+03	0.0000 E+00	1.6286 E+05	8.6349 E+04	2.7355 E+04	3.5000 E+00	5.5790 E+03	2.4867 E+03	9.1667 E-02	4.4739 E+02	7.2914 E+01	1.5979 E+01	6.0233 E+04	2.2199 E+04	1.3196 E+00
1.1435 E+03	4.9073 E+02	6.7608 E+00	8.6349 E+04	1.3678 E+04	3.5000 E+00	5.5790 E+03	2.0723 E+03	2.5230 E+01	4.4739 E+02	3.6457 E+01	6.4243 E+01	6.0233 E+04	1.8499 E+04	2.1215 E-01
1.1435 E+03	3.8168 E+02	6.1701 E+00	8.6349 E+04	6.8388 E+03	2.7402 E+01	5.5790 E+03	1.2434 E+03	5.5795 E+00	4.4739 E+02	0.0000 E+00	6.9634 E+02	6.0233 E+04	1.4799 E+04	5.2506 E+00
1.1435 E+03	3.2715 E+02	6.7608 E+00	8.6349 E+04	0.0000 E+00	5.5494 E+01	5.5790 E+03	8.2891 E+02	2.9222 E+01	4.1093 E+02	2.1874 E+02	1.0000 E+01	6.0233 E+04	1.1099 E+04	2.0987 E+02
1.1435 E+03	2.7263 E+02	6.1188 E+03	7.8920 E+04	1.3678 E+04	1.0261 E+01	5.5790 E+03	4.1445 E+02	6.1131 E+03	4.1093 E+02	1.8228 E+02	5.0000 E+00	6.0233 E+04	7.3996 E+03	1.6201 E+00
1.1435 E+03	2.1810 E+02	2.0015 E+04	7.8920 E+04	6.8388 E+03	4.2891 E+01	5.5790 E+03	0.0000 E+00	7.5306 E+03	4.1093 E+02	1.4583 E+02	5.2122 E+00	6.0233 E+04	3.6998 E+03	2.2653 E+02
1.1435 E+03	1.6358 E+02	7.0614 E+04	7.8920 E+04	0.0000 E+00	1.2155 E+02	5.0415 E+03	7.8746 E+03	2.3883 E+02	4.1093 E+02	1.0937 E+02	2.0217 E+01	6.0233 E+04	0.0000 E+00	4.4644 E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.1435	1.0905	1.7772	7.1491	2.7355	1.1391	5.0415	6.6313	6.8237	4.1093	7.2914	5.1715	5.6058	3.6998	2.1215
E+03	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+01	E+00	E+04	E+04	E-01
1.1435	5.4526	5.2594	7.1491	2.0516	1.0141	5.0415	4.1445	5.5795	4.1093	3.6457	5.1741	5.6058	2.5899	6.2727
E+03	E+01	E+05	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+01	E+02	E+04	E+04	E+00
1.1435	0.0000	6.2347	7.1491	1.3678	1.0261	5.0415	3.7301	5.2816	4.1093	0.0000	1.6341	5.6058	1.8499	4.2430
E+03	E+00	E+05	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+00	E+03	E+04	E+04	E-01
1.0793	5.4526	6.7608	7.1491	6.8388	2.4141	5.0415	2.4867	9.1667	3.7447	4.7394	2.0833	5.6058	1.4799	2.8351
E+03	E+02	E+00	E+04	E+03	E+01	E+03	E+03	E-02	E+02	E+02	E+02	E+04	E+04	E+00
1.0793	4.9073	3.3804	7.1491	0.0000	1.3918	5.0415	2.0723	2.5230	3.7447	3.2811	5.0000	5.6058	1.1099	1.8444
E+03	E+02	E+00	E+04	E+00	E+02	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+01
1.0793	4.3621	8.0250	6.4062	1.7781	1.6902	5.0415	1.6578	5.0267	3.7447	2.5520	2.0968	5.6058	7.3996	2.8351
E+03	E+02	E+02	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+03	E+00
1.0793	3.8168	1.2257	6.4062	1.7097	3.3804	5.0415	1.2434	6.8295	3.7447	2.1874	1.0000	5.6058	3.6998	3.7676
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+02	E+01	E+04	E+03	E+01
1.0793	3.2715	7.4571	6.4062	1.6413	1.6902	5.0415	8.2891	1.2480	3.7447	1.8228	1.2500	5.6058	0.0000	2.8157
E+03	E+02	E+03	E+04	E+05	E+00	E+03	E+02	E+03	E+02	E+02	E+00	E+04	E+00	E+02
1.0793	2.7263	3.0648	6.4062	1.5729	1.6902	5.0415	4.1445	6.2547	3.7447	1.4583	5.0000	5.1882	8.5096	2.1215
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+02	E+03	E+02	E+02	E+00	E+04	E+04	E-01
1.0793	2.1810	1.0996	6.4062	1.5045	1.6902	5.0415	0.0000	1.0868	3.7447	1.0937	2.1891	5.1882	5.9197	1.0607
E+03	E+02	E+05	E+04	E+05	E+00	E+03	E+00	E+05	E+02	E+02	E+02	E+04	E+04	E-01
1.0793	1.6358	4.3673	6.4062	1.4361	1.6902	4.5039	7.8746	1.2385	3.7447	7.2914	2.0990	5.1882	4.0698	5.8484
E+03	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+01	E+01	E+04	E+04	E+00
1.0793	1.0905	1.2477	6.4062	7.5227	3.3804	4.5039	7.4602	5.0267	3.7447	3.6457	5.0885	5.1882	3.6998	3.0473
E+03	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+01	E+02	E+04	E+04	E+00
1.0793	5.4526	2.4681	6.4062	6.1549	3.3804	4.5039	7.0457	4.0398	3.7447	0.0000	3.2355	5.1882	3.3298	2.6392
E+03	E+01	E+06	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+00	E+03	E+04	E+04	E+00
1.0793	0.0000	2.9403	6.4062	3.4194	6.7608	4.5039	6.6313	3.3528	3.3802	4.7394	2.1215	5.1882	2.9599	2.8351
E+03	E+00	E+06	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+04	E+00
1.0152	9.2694	1.6902	6.4062	2.7355	3.3804	4.5039	6.2168	1.9193	3.3802	3.6457	8.1003	5.1882	2.5899	8.1003
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E-01	E+04	E+04	E-01
1.0152	8.7241	3.3804	6.4062	2.0516	3.5917	4.5039	4.9735	5.5795	3.3802	3.2811	5.2170	5.1882	2.2199	4.8794
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E+01
1.0152	8.1789	1.6902	6.4062	1.3678	1.0141	4.5039	4.5590	1.1069	3.3802	2.5520	5.0917	5.1882	1.8499	5.2506
E+03	E+02	E+00	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+00
1.0152	7.6336	3.3804	6.4062	6.8388	4.7163	4.5039	4.1445	6.8295	3.3802	2.1874	1.5212	5.1882	1.4799	1.8777
E+03	E+02	E+00	E+04	E+03	E+01	E+03	E+03	E+00	E+02	E+02	E+01	E+04	E+04	E+01
1.0152	7.0884	1.7603	6.4062	0.0000	1.1913	4.5039	3.7301	1.7872	3.3802	1.8228	5.6367	5.1882	1.1099	3.3757
E+03	E+02	E+03	E+04	E+00	E+02	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+01
1.0152	6.5431	1.0512	5.6633	1.7097	1.7500	4.5039	3.3156	5.5795	3.3802	1.4583	2.1897	5.1882	7.3996	2.2749
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+02	E+02	E+04	E+03	E+01
1.0152	5.9978	2.5106	5.6633	1.6413	1.6902	4.5039	2.9012	6.9526	3.3802	1.0937	3.1246	5.1882	3.6998	3.0335
E+03	E+02	E+03	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+03	E+02
1.0152	5.4526	7.9710	5.6633	1.4361	1.7500	4.5039	2.4867	1.4442	3.3802	7.2914	4.9451	5.1882	0.0000	1.6794
E+03	E+02	E+03	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+01	E+01	E+04	E+00	E+04
1.0152	4.9073	2.7842	5.6633	1.3678	1.6902	4.5039	2.0723	1.4746	3.3802	3.6457	1.4761	4.7707	6.6597	2.1215
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+01	E+03	E+04	E+04	E-01
1.0152	4.3621	3.1992	5.6633	1.2994	5.1902	4.5039	1.6578	6.4275	3.3802	0.0000	5.8391	4.7707	6.2897	1.3021
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+00	E+03	E+04	E+04	E+00
1.0152	3.8168	4.5607	5.6633	1.2310	1.7500	4.5039	1.2434	4.3142	3.0156	8.0205	2.1215	4.7707	5.9197	2.3418
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E-01	E+04	E+04	E+00
1.0152	3.2715	1.2135	5.6633	8.8904	3.3804	4.5039	8.2891	6.2844	3.0156	6.9268	2.1215	4.7707	4.4398	2.1215
E+03	E+02	E+05	E+04	E+04	E+00	E+03	E+02	E+03	E+02	E+02	E-01	E+04	E+04	E-01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.0152	2.7263	3.3149	5.6633	7.5227	3.3804	4.5039	4.1445	4.7244	3.0156	5.4685	5.0000	4.7707	4.0698	1.1366
E+03	E+02	E+05	E+04	E+04	E+00	E+03	E+02	E+04	E+02	E+02	E+00	E+04	E+04	E+02
1.0152	2.1810	9.4796	5.6633	6.8388	3.3804	4.5039	0.0000	2.1006	3.0156	5.1040	5.2506	4.7707	3.6998	1.3168
E+03	E+02	E+05	E+04	E+04	E+00	E+03	E+00	E+05	E+02	E+02	E+00	E+04	E+04	E+02
1.0152	1.6358	2.3121	5.6633	4.7872	3.5000	3.9664	1.0361	6.8237	3.0156	4.3748	5.2506	4.7707	3.3298	5.6168
E+03	E+02	E+06	E+04	E+04	E+00	E+03	E+04	E+01	E+02	E+02	E+00	E+04	E+04	E+00
1.0152	1.0905	5.1605	5.6633	3.4194	6.8525	3.9664	7.8746	2.0833	3.0156	3.6457	4.1547	4.7707	2.9599	8.2819
E+03	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+00
1.0152	5.4526	8.5587	5.6633	2.7355	4.7500	3.9664	7.4602	1.3196	3.0156	3.2811	8.1003	4.7707	2.5899	7.0247
E+03	E+01	E+06	E+04	E+04	E+00	E+03	E+03	E+00	E+02	E+02	E-01	E+04	E+04	E+00
1.0152	0.0000	9.3662	5.6633	2.0516	2.0761	3.9664	7.0457	1.2287	3.0156	2.9166	9.1667	4.7707	2.2199	4.8392
E+03	E+00	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E-02	E+04	E+04	E+01
9.5104	1.3086	1.6902	5.6633	1.3678	2.6402	3.9664	6.6313	1.1155	3.0156	2.5520	1.2753	4.7707	1.8499	4.7524
E+02	E+03	E+00	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+04	E+02
9.5104	1.1996	3.3804	5.6633	6.8388	7.6826	3.9664	5.3879	6.8351	3.0156	2.1874	5.9004	4.7707	1.4799	2.4022
E+02	E+03	E+00	E+04	E+03	E+01	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+02
9.5104	1.0905	3.3804	5.6633	0.0000	1.3331	3.9664	4.9735	5.6409	3.0156	1.8228	8.0931	4.7707	1.1099	2.9584
E+02	E+03	E+00	E+04	E+00	E+02	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+01
9.5104	1.0360	3.3804	4.9204	1.7097	1.6902	3.9664	4.5590	2.0138	3.0156	1.4583	2.7017	4.7707	7.3996	1.1477
E+02	E+03	E+00	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+03	E+02
9.5104	9.8146	1.6902	4.9204	1.6413	1.7500	3.9664	4.1445	1.3842	3.0156	1.0937	2.7579	4.7707	3.6998	1.6958
E+02	E+02	E+00	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+03	E+03
9.5104	9.2694	1.8226	4.9204	1.5729	3.4402	3.9664	3.7301	8.2231	3.0156	7.2914	1.6030	4.7707	0.0000	9.1194
E+02	E+02	E+03	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+01	E+03	E+04	E+00	E+04
9.5104	8.7241	4.5000	4.9204	1.5045	3.5000	3.9664	3.3156	3.1093	3.0156	3.6457	3.3550	4.3531	5.9197	2.6042
E+02	E+02	E+03	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+01	E+03	E+04	E+04	E+00
9.5104	8.1789	3.8510	4.9204	1.4361	1.2190	3.9664	2.9012	1.0014	3.0156	0.0000	1.7454	4.3531	5.5497	6.5980
E+02	E+02	E+03	E+04	E+05	E+01	E+03	E+03	E+04	E+02	E+00	E+04	E+04	E+04	E-01
9.5104	7.6336	3.3093	4.9204	1.3678	1.3880	3.9664	2.4867	8.6923	2.6510	9.8434	2.1215	4.3531	5.1798	8.1003
E+02	E+02	E+04	E+04	E+05	E+01	E+03	E+03	E+03	E+02	E+02	E-01	E+04	E+04	E-01
9.5104	7.0884	6.6792	4.9204	1.2994	1.2071	3.9664	2.0723	1.5697	2.6510	8.3851	1.3021	4.3531	4.8098	7.9268
E+02	E+02	E+04	E+04	E+05	E+01	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+00
9.5104	6.5431	1.6080	4.9204	1.2310	1.7500	3.9664	1.6578	1.8251	2.6510	8.0205	2.1215	4.3531	4.4398	5.6121
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E-01	E+04	E+04	E+00
9.5104	5.9978	3.0616	4.9204	1.0258	3.3804	3.9664	1.2434	2.3530	2.6510	7.6560	2.1215	4.3531	4.0698	2.4236
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E-01	E+04	E+04	E+01
9.5104	5.4526	5.6233	4.9204	9.5743	3.5000	3.9664	8.2891	5.4336	2.6510	6.5622	2.0600	4.3531	3.6998	2.2513
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+02	E+04	E+02	E+02	E+00	E+04	E+04	E+02
9.5104	4.9073	1.0014	4.9204	8.8904	3.5000	3.9664	4.1445	1.8327	2.6510	6.1977	3.0473	4.3531	3.3298	2.6935
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+02	E+05	E+02	E+02	E+00	E+04	E+04	E+01
9.5104	4.3621	1.3771	4.9204	6.1549	3.5000	3.9664	0.0000	4.8243	2.6510	5.8331	8.1003	4.3531	2.9599	1.0922
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+00	E+05	E+02	E+02	E-01	E+04	E+04	E+02
9.5104	3.8168	1.7235	4.9204	5.4710	7.0000	3.4289	1.2848	1.6902	2.6510	5.4685	1.2500	4.3531	2.5899	5.9625
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+04	E+00	E+02	E+02	E+00	E+04	E+04	E+01
9.5104	3.2715	2.0199	4.9204	4.7872	6.8804	3.4289	1.1605	2.7898	2.6510	5.1040	2.1215	4.3531	2.2199	2.8388
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+04	E+00	E+02	E+02	E-01	E+04	E+04	E+02
9.5104	2.7263	2.5655	4.9204	4.1033	1.3880	3.4289	1.1190	1.0651	2.6510	4.7394	1.0003	4.3531	1.8499	3.2286
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+04	E+02
9.5104	2.1810	4.4620	4.9204	3.4194	6.7608	3.4289	1.0776	1.7500	2.6510	4.3748	2.3232	4.3531	1.4799	1.0591
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+04	E+02
9.5104	1.6358	8.4285	4.9204	2.7355	7.0000	3.4289	9.5325	3.7281	2.6510	4.0103	1.7439	4.3531	1.1099	9.8341
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+01

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
9.5104	1.0905	1.4903	4.9204	2.0516	3.4880	3.4289	9.1180	5.0384	2.6510	3.6457	2.9826	4.3531	7.3996	1.7354
E+02	E+02	E+07	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+02	E+01	E+04	E+03	E+03
9.5104	5.4526	2.2219	4.9204	1.3678	3.5772	3.4289	7.8746	4.7317	2.6510	3.2811	2.8037	4.3531	3.6998	1.3814
E+02	E+01	E+07	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+03	E+04
9.5104	0.0000	2.1906	4.9204	6.8388	1.0968	3.4289	7.4602	9.7262	2.6510	2.9166	1.3652	4.3531	0.0000	3.2448
E+02	E+00	E+07	E+04	E+03	E+02	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+00	E+05
8.8689	1.5812	4.5833	4.9204	0.0000	1.9141	3.4289	7.0457	1.3647	2.6510	2.5520	2.6667	3.9356	7.7696	4.0501
E+02	E+03	E-02	E+04	E+00	E+02	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E-01
8.8689	1.3086	9.1667	4.1775	1.6413	2.3750	3.4289	6.6313	1.8343	2.6510	2.1874	2.4736	3.9356	6.2897	2.8351
E+02	E+03	E-02	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+00
8.8689	1.2541	2.3346	4.1775	1.5729	1.7500	3.4289	6.2168	3.1441	2.6510	1.8228	2.5004	3.9356	5.9197	1.5317
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+00
8.8689	1.1996	2.0007	4.1775	1.5045	5.8750	3.4289	5.8024	1.6215	2.6510	1.4583	2.3870	3.9356	5.5497	2.5192
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+00
8.8689	1.1450	3.9575	4.1775	1.4361	1.0380	3.4289	5.3879	3.1622	2.6510	1.0937	5.4456	3.9356	5.1798	5.3038
E+02	E+03	E+03	E+04	E+05	E+01	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E-01
8.8689	1.0905	1.4720	4.1775	1.3678	8.6304	3.4289	4.9735	1.9868	2.6510	7.2914	5.4696	3.9356	4.8098	2.6392
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+01	E+03	E+04	E+04	E+00
8.8689	1.0360	1.3772	4.1775	1.2994	1.2130	3.4289	4.5590	1.8192	2.6510	3.6457	3.2961	3.9356	4.4398	2.3144
E+02	E+03	E+04	E+04	E+05	E+01	E+03	E+03	E+04	E+02	E+01	E+04	E+04	E+04	E+02
8.8689	9.8146	2.8264	4.1775	1.2310	1.0380	3.4289	4.1445	5.4546	2.6510	0.0000	7.4223	3.9356	4.0698	2.8475
E+02	E+02	E+04	E+04	E+05	E+01	E+03	E+03	E+03	E+02	E+00	E+04	E+04	E+04	E+01
8.8689	9.2694	6.2092	4.1775	1.0942	1.6902	3.4289	3.7301	1.0976	2.2864	1.5312	1.0607	3.9356	3.6998	2.5050
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+03	E-01	E+04	E+04	E+01
8.8689	8.7241	1.0027	4.1775	8.2066	7.0000	3.4289	3.3156	2.5285	2.2864	1.3489	2.1215	3.9356	3.3298	1.4946
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+04	E+02	E+03	E-01	E+04	E+04	E+01
8.8689	8.1789	1.6929	4.1775	7.5227	6.7608	3.4289	2.9012	2.3735	2.2864	1.1302	2.1215	3.9356	2.9599	1.8610
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+04	E+02	E+03	E-01	E+04	E+04	E+02
8.8689	7.6336	3.8863	4.1775	6.8388	6.8804	3.4289	2.4867	5.4546	2.2864	9.1142	1.3196	3.9356	2.5899	7.3800
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+02
8.8689	7.0884	5.5933	4.1775	6.1549	1.4000	3.4289	2.0723	4.7650	2.2864	8.3851	9.1667	3.9356	2.2199	6.9934
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E-02	E+04	E+04	E+02
8.8689	6.5431	1.1955	4.1775	5.4710	1.0500	3.4289	1.6578	5.1639	2.2864	8.0205	5.3182	3.9356	1.8499	9.9016
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+02
8.8689	5.9978	1.7641	4.1775	4.7872	3.5000	3.4289	1.2434	6.2897	2.2864	7.6560	5.2506	3.9356	1.4799	7.6242
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+02
8.8689	5.4526	2.6443	4.1775	4.1033	1.0500	3.4289	8.2891	1.3971	2.2864	7.2914	2.8514	3.9356	1.1099	3.1045
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+02	E+05	E+02	E+02	E+00	E+04	E+04	E+03
8.8689	4.9073	3.9733	4.1775	3.4194	1.0500	3.4289	4.1445	4.7835	2.2864	6.9268	1.3219	3.9356	7.3996	4.9504
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+02	E+05	E+02	E+02	E+02	E+04	E+03	E+03
8.8689	4.3621	5.9448	4.1775	2.7355	5.4086	3.4289	0.0000	1.1607	2.2864	6.5622	3.3640	3.9356	3.6998	4.2738
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+00	E+06	E+02	E+02	E+00	E+04	E+03	E+04
8.8689	3.8168	7.7938	4.1775	2.0516	5.3241	2.8913	2.0723	8.9360	2.2864	6.1977	2.7661	3.9356	0.0000	7.7191
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+00	E+04	E+00	E+05
8.8689	3.2715	8.3507	4.1775	1.3678	7.6012	2.8913	2.0308	8.9360	2.2864	5.8331	6.7955	3.5180	1.6649	1.0607
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+00	E+04	E+05	E-01
8.8689	2.7263	9.3537	4.1775	6.8388	1.8145	2.8913	1.2434	2.5133	2.2864	5.4685	2.2941	3.5180	8.8796	2.1215
E+02	E+02	E+06	E+04	E+03	E+02	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+04	E-01
8.8689	2.1810	1.1329	4.1775	0.0000	5.3927	2.8913	1.1605	4.5833	2.2864	5.1040	1.4531	3.5180	7.7696	1.9166
E+02	E+02	E+07	E+04	E+00	E+03	E+03	E+04	E-02	E+02	E+02	E+01	E+04	E+04	E+01
8.8689	1.6358	1.8266	3.4346	1.4361	5.1902	2.8913	1.0776	1.2500	2.2864	4.7394	2.6456	3.5180	7.0297	2.8351
E+02	E+02	E+07	E+04	E+05	E+00	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+04	E+00

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.8689	1.0905	2.9071	3.4346	1.3678	7.5652	2.8913	9.9469	5.5795	2.2864	4.3748	7.5013	3.5180	6.6597	2.6042
E+02	E+02	E+07	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+02	E+01	E+04	E+04	E+00
8.8689	5.4526	3.9514	3.4346	1.2994	5.1304	2.8913	9.1180	1.3196	2.2864	4.0103	2.6505	3.5180	6.2897	1.1797
E+02	E+01	E+07	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+02	E+02	E+04	E+04	E+01
8.8689	0.0000	3.5106	3.4346	1.2310	6.9402	2.8913	8.7035	9.0498	2.2864	3.6457	6.6327	3.5180	5.9197	2.9911
E+02	E+00	E+07	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+01
8.2273	2.1265	2.7898	3.4346	1.1626	5.1902	2.8913	8.2891	7.4562	2.2864	3.2811	2.6413	3.5180	5.5497	1.2343
E+02	E+03	E+00	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+00
8.2273	1.6903	5.5065	3.4346	1.0942	5.2500	2.8913	7.8746	1.0182	2.2864	2.9166	2.5640	3.5180	5.1798	2.5869
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+01
8.2273	1.4177	5.5065	3.4346	1.0258	1.7500	2.8913	7.4602	1.4654	2.2864	2.5520	4.8358	3.5180	4.8098	1.2121
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+04	E+01
8.2273	1.3631	4.0125	3.4346	9.5743	3.3804	2.8913	7.0457	1.4283	2.2864	2.1874	3.5235	3.5180	4.4398	2.7012
E+02	E+03	E+02	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
8.2273	1.3086	2.7438	3.4346	8.2066	3.5000	2.8913	6.6313	2.9759	2.2864	1.8228	4.0863	3.5180	4.0698	2.5591
E+02	E+03	E+03	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+02
8.2273	1.2541	2.4888	3.4346	7.5227	1.3880	2.8913	6.2168	9.6190	2.2864	1.4583	9.3827	3.5180	3.6998	7.7877
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+02
8.2273	1.1996	4.3453	3.4346	6.8388	1.3880	2.8913	5.8024	1.3424	2.2864	1.0937	9.4164	3.5180	3.3298	5.9578
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02
8.2273	1.1450	2.8677	3.4346	6.1549	1.3880	2.8913	5.3879	1.8121	2.2864	7.2914	3.1636	3.5180	2.9599	5.7418
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+01	E+04	E+04	E+04	E+02
8.2273	1.0905	2.1899	3.4346	5.4710	3.5645	2.8913	4.9735	1.8875	2.2864	3.6457	2.2285	3.5180	2.5899	2.9875
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+01	E+05	E+04	E+04	E+02
8.2273	1.0360	4.5371	3.4346	4.7872	1.7500	2.8913	4.5590	6.5753	2.2864	0.0000	3.5059	3.5180	2.2199	1.0320
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+00	E+05	E+04	E+04	E+03
8.2273	9.8146	6.7654	3.4346	4.1033	3.5000	2.8913	4.1445	4.3277	1.9219	1.2395	2.1215	3.5180	1.8499	1.8089
E+02	E+02	E+04	E+04	E+04	E+00	E+03	E+03	E+04	E+02	E+03	E-01	E+04	E+04	E+03
8.2273	9.2694	1.6340	3.4346	3.4194	1.0500	2.8913	3.7301	8.0649	1.9219	1.0937	5.3163	3.5180	1.4799	3.5036
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+03	E+00	E+04	E+04	E+03
8.2273	8.7241	2.8705	3.4346	2.7355	2.0282	2.8913	3.3156	1.1917	1.9219	1.0573	5.0384	3.5180	1.1099	4.6620
E+02	E+02	E+05	E+04	E+04	E+02	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+04	E+03
8.2273	8.1789	3.6283	3.4346	2.0516	1.4165	2.8913	2.9012	8.5657	1.9219	1.0208	4.0501	3.5180	7.3996	1.4761
E+02	E+02	E+05	E+04	E+04	E+02	E+03	E+03	E+04	E+02	E+03	E-01	E+04	E+03	E+04
8.2273	7.6336	5.7320	3.4346	1.3678	1.1851	2.8913	2.4867	1.8161	1.9219	9.8434	2.6042	3.5180	3.6998	9.8154
E+02	E+02	E+05	E+04	E+04	E+02	E+03	E+03	E+05	E+02	E+02	E+00	E+04	E+03	E+04
8.2273	7.0884	8.8168	3.4346	6.8388	5.5847	2.8913	2.0723	1.7201	1.9219	9.4788	8.1246	3.5180	0.0000	1.3846
E+02	E+02	E+05	E+04	E+03	E+02	E+03	E+03	E+05	E+02	E+02	E-01	E+04	E+00	E+06
8.2273	6.5431	1.4156	3.4346	0.0000	2.6560	2.8913	1.6578	2.0235	1.9219	9.1142	1.3196	3.1005	1.5169	2.1215
E+02	E+02	E+06	E+04	E+00	E+04	E+03	E+03	E+05	E+02	E+02	E+00	E+04	E+05	E-01
8.2273	5.9978	2.2921	2.6917	1.5729	2.3152	2.8913	1.2434	2.1859	1.9219	8.7497	1.9466	3.1005	1.4799	2.1215
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+05	E-01
8.2273	5.4526	3.3187	2.6917	1.4361	6.2500	2.8913	8.2891	3.0670	1.9219	8.3851	1.8954	3.1005	1.4429	4.0501
E+02	E+02	E+06	E+04	E+05	E-01	E+03	E+02	E+05	E+02	E+02	E+01	E+04	E+05	E-01
8.2273	4.9073	4.7521	2.6917	1.3678	1.6902	2.8913	4.1445	9.6722	1.9219	8.0205	8.0785	3.1005	1.4059	4.0501
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+02	E+05	E+02	E+02	E+00	E+04	E+05	E-01
8.2273	4.3621	6.0794	2.6917	1.2994	2.3152	2.8913	0.0000	2.5917	1.9219	7.6560	2.1357	3.1005	1.3689	1.0607
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+00	E+06	E+02	E+02	E+02	E+04	E+05	E-01
8.2273	3.8168	7.8928	2.6917	1.1626	1.6902	2.3538	1.4506	2.3152	1.9219	7.2914	2.2140	3.1005	1.2949	8.1003
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+05	E-01
8.2273	3.2715	9.3506	2.6917	1.0942	5.7554	2.3538	1.2848	1.0651	1.9219	6.9268	2.5944	3.1005	1.1099	6.5980
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+05	E-01

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.2273	2.7263	1.0380	2.6917	1.0258	5.1902	2.3538	1.1605	9.6671	1.9219	6.5622	3.6495	3.1005	1.0729	1.0651
E+02	E+02	E+07	E+04	E+05	E+00	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+05	E+01
8.2273	2.1810	1.3146	2.6917	9.5743	5.2500	2.3538	1.1190	2.7898	1.9219	6.1977	1.2332	3.1005	1.0360	4.0501
E+02	E+02	E+07	E+04	E+04	E+00	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+05	E-01
8.2273	1.6358	2.0022	2.6917	8.8904	1.7500	2.3538	1.0776	4.5833	1.9219	5.8331	6.3572	3.1005	9.6195	1.2150
E+02	E+02	E+07	E+04	E+04	E+00	E+03	E+04	E-02	E+02	E+02	E+01	E+04	E+04	E+00
8.2273	1.0905	3.2419	2.6917	8.2066	2.7880	2.3538	1.0361	1.8677	1.9219	5.4685	1.0758	3.1005	9.2496	6.1716
E+02	E+02	E+07	E+04	E+04	E+01	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+04	E-01
8.2273	5.4526	4.6257	2.6917	7.5227	4.8381	2.3538	9.9469	8.8969	1.9219	5.1040	2.8675	3.1005	8.5096	7.2660
E+02	E+01	E+07	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E+00
8.2273	0.0000	4.2472	2.6917	6.8388	5.3687	2.3538	9.5325	8.0670	1.9219	4.7394	3.4941	3.1005	8.1396	2.7898
E+02	E+00	E+07	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E+00
7.5858	1.8539	5.5065	2.6917	6.1549	1.1693	2.3538	9.1180	5.7901	1.9219	4.3748	2.7567	3.1005	7.7696	2.3418
E+02	E+03	E+02	E+04	E+04	E+02	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E+00
7.5858	1.7448	1.1013	2.6917	5.4710	3.4479	2.3538	8.7035	1.0977	1.9219	4.0103	5.8614	3.1005	7.3996	1.1283
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+00
7.5858	1.4722	2.2937	2.6917	4.7872	8.2552	2.3538	8.2891	2.1945	1.9219	3.6457	6.9327	3.1005	7.0297	1.5317
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+00
7.5858	1.4177	5.2590	2.6917	4.1033	7.4565	2.3538	7.8746	7.7996	1.9219	3.2811	4.2461	3.1005	6.6597	1.2243
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+01
7.5858	1.3631	5.4985	2.6917	3.4194	1.1697	2.3538	7.4602	7.5406	1.9219	2.9166	5.0152	3.1005	6.2897	1.1159
E+02	E+03	E+03	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+01
7.5858	1.3086	2.2878	2.6917	2.7355	3.5266	2.3538	7.0457	1.2762	1.9219	2.5520	3.1477	3.1005	5.9197	2.6086
E+02	E+03	E+03	E+04	E+04	E+02	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+01
7.5858	1.2541	6.8269	2.6917	2.0516	9.0270	2.3538	6.6313	1.2733	1.9219	2.1874	5.4631	3.1005	5.5497	3.9128
E+02	E+03	E+03	E+04	E+04	E+03	E+03	E+03	E+04	E+02	E+02	E+02	E+04	E+04	E+01
7.5858	1.1996	1.7272	2.6917	1.3678	9.5005	2.3538	6.2168	2.9896	1.9219	1.8228	3.7642	3.1005	5.1798	6.9335
E+02	E+03	E+04	E+04	E+04	E+02	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+01
7.5858	1.1450	1.4546	2.6917	6.8388	3.1218	2.3538	5.8024	4.3818	1.9219	1.4583	8.5483	3.1005	4.8098	1.9403
E+02	E+03	E+04	E+04	E+03	E+04	E+03	E+03	E+04	E+02	E+02	E+03	E+04	E+04	E+02
7.5858	1.0905	5.5140	2.6917	0.0000	1.0125	2.3538	5.3879	6.0973	1.9219	1.0937	3.6255	3.1005	4.4398	5.6229
E+02	E+03	E+04	E+04	E+00	E+05	E+03	E+03	E+04	E+02	E+02	E+04	E+04	E+04	E+01
7.5858	1.0360	5.3278	1.9488	1.7781	6.2500	2.3538	4.9735	1.3500	1.9219	7.2914	2.5627	3.1005	4.0698	6.1076
E+02	E+03	E+04	E+04	E+05	E-01	E+03	E+03	E+05	E+02	E+01	E+05	E+04	E+04	E+02
7.5858	9.8146	5.9105	1.9488	1.5045	5.0706	2.3538	4.5590	1.0585	1.9219	3.6457	9.7471	3.1005	3.6998	3.8350
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+01	E+05	E+04	E+04	E+02
7.5858	9.2694	8.7526	1.9488	1.3678	4.0054	2.3538	4.1445	2.1217	1.9219	0.0000	1.1975	3.1005	3.3298	1.0635
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+00	E+06	E+04	E+04	E+03
7.5858	8.7241	1.4906	1.9488	1.2994	1.7360	2.3538	3.7301	2.1697	1.5573	1.5676	2.1215	3.1005	2.9599	2.0368
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+04	E+03
7.5858	8.1789	2.2411	1.9488	1.2310	1.6902	2.3538	3.3156	3.7322	1.5573	1.2760	4.0501	3.1005	2.5899	1.8384
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+04	E+03
7.5858	7.6336	3.8785	1.9488	1.1626	3.5652	2.3538	2.9012	3.4294	1.5573	1.1666	1.1971	3.1005	2.2199	2.6473
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+03	E+01	E+04	E+04	E+03
7.5858	7.0884	6.1255	1.9488	1.0942	3.4860	2.3538	2.4867	4.5624	1.5573	1.1302	7.6587	3.1005	1.8499	3.0086
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+04	E+03
7.5858	6.5431	8.8675	1.9488	1.0258	4.6304	2.3538	2.0723	3.7654	1.5573	1.0937	2.7122	3.1005	1.4799	9.6215
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+04	E+03
7.5858	5.9978	1.2901	1.9488	9.5743	2.9587	2.3538	1.6578	3.0124	1.5573	1.0573	9.3568	3.1005	1.1099	1.1149
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+04	E+04
7.5858	5.4526	2.1944	1.9488	8.8904	2.3152	2.3538	1.2434	4.7155	1.5573	1.0208	4.9590	3.1005	7.3996	4.0848
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+03	E+04

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
7.5858	4.9073	3.0204	1.9488	8.2066	2.4203	2.3538	8.2891	7.8836	1.5573	9.8434	3.3802	3.1005	3.6998	2.1579
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+02	E+05	E+02	E+02	E+01	E+04	E+03	E+05
7.5858	4.3621	4.3849	1.9488	7.5227	6.2127	2.3538	4.1445	2.1762	1.5573	9.4788	5.1726	3.1005	0.0000	1.9263
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+02	E+06	E+02	E+02	E+00	E+04	E+00	E+06
7.5858	3.8168	5.7485	1.9488	6.8388	4.4856	2.3538	0.0000	4.7045	1.5573	9.1142	2.0886	2.6829	1.8499	1.0607
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+00	E+06	E+02	E+02	E+01	E+04	E+05	E-01
7.5858	3.2715	6.9097	1.9488	6.1549	9.2089	1.8162	1.9065	3.4118	1.5573	8.7497	3.1389	2.6829	1.4799	4.0501
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+04	E+01	E+02	E+02	E+00	E+04	E+05	E-01
7.5858	2.7263	7.8610	1.9488	5.4710	1.0377	1.8162	1.7822	1.1942	1.5573	8.3851	1.3614	2.6829	1.4429	4.0501
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+04	E+02	E+02	E+02	E+01	E+04	E+05	E-01
7.5858	2.1810	1.0647	1.9488	4.7872	2.2482	1.8162	1.6993	1.1942	1.5573	8.0205	3.6520	2.6829	1.3319	5.1109
E+02	E+02	E+07	E+04	E+04	E+02	E+03	E+04	E+02	E+02	E+02	E+01	E+04	E+05	E-01
7.5858	1.6358	1.6082	1.9488	4.1033	2.3494	1.8162	1.6164	2.8356	1.5573	7.6560	6.7126	2.6829	1.2949	6.5980
E+02	E+02	E+07	E+04	E+04	E+03	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+05	E-01
7.5858	1.0905	2.7357	1.9488	3.4194	2.4368	1.8162	1.5335	1.0651	1.5573	7.2914	2.3451	2.6829	1.2579	1.0607
E+02	E+02	E+07	E+04	E+04	E+03	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+05	E-01
7.5858	5.4526	4.2701	1.9488	2.7355	5.7094	1.8162	1.4920	6.2045	1.5573	6.9268	5.6681	2.6829	1.2209	7.2324
E+02	E+01	E+07	E+04	E+04	E+03	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+05	E-01
7.5858	0.0000	4.0125	1.9488	2.0516	5.1601	1.8162	1.4091	3.1442	1.5573	6.5622	5.9026	2.6829	1.1469	2.1215
E+02	E+00	E+07	E+04	E+04	E+03	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+05	E-01
6.9442	2.2901	2.7898	1.9488	1.3678	2.7730	1.8162	1.3677	3.7281	1.5573	6.1977	3.8560	2.6829	1.1099	2.0963
E+02	E+03	E+00	E+04	E+04	E+04	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+05	E+01
6.9442	1.7994	9.5610	1.9488	6.8388	4.7767	1.8162	1.3263	4.5833	1.5573	5.8331	3.3139	2.6829	1.0729	5.4627
E+02	E+03	E+00	E+04	E+03	E+04	E+03	E+04	E-02	E+02	E+02	E+02	E+04	E+05	E+00
6.9442	1.6903	1.0651	1.9488	0.0000	3.1919	1.8162	1.2848	5.0373	1.5573	5.4685	6.8813	2.6829	1.0360	5.8811
E+02	E+03	E+01	E+04	E+00	E+05	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+05	E+00
6.9442	1.6358	9.6703	1.2058	1.6413	1.6902	1.8162	1.2019	6.1143	1.5573	5.1040	4.7618	2.6829	9.9895	1.0514
E+02	E+03	E+01	E+04	E+05	E+00	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+04	E+01
6.9442	1.5812	6.9288	1.2058	1.4361	3.3804	1.8162	1.1605	1.9234	1.5573	4.7394	7.5319	2.6829	9.6195	1.5801
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+04	E+01
6.9442	1.5267	1.1386	1.2058	1.2994	2.3152	1.8162	1.1190	1.5639	1.5573	4.3748	6.1762	2.6829	9.2496	1.4892
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+04	E+03	E+02	E+02	E+02	E+04	E+04	E+01
6.9442	1.4722	1.2772	1.2058	1.2310	4.3750	1.8162	1.0776	1.5351	1.5573	4.0103	1.7213	2.6829	8.8796	3.5387
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+04	E+02	E+02	E+02	E+03	E+04	E+04	E+01
6.9442	1.4177	2.2031	1.2058	1.1626	1.6902	1.8162	1.0361	7.4557	1.5573	3.6457	1.3887	2.6829	8.5096	1.7199
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+04	E+02	E+02	E+02	E+03	E+04	E+04	E+01
6.9442	1.3631	4.0829	1.2058	1.0942	2.3610	1.8162	9.9469	7.0472	1.5573	3.2811	1.1900	2.6829	8.1396	2.5263
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+03	E+04	E+04	E+02
6.9442	1.3086	9.2504	1.2058	1.0258	7.8750	1.8162	9.5325	1.6113	1.5573	2.9166	3.8267	2.6829	7.7696	4.9781
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+03	E+04	E+04	E+01
6.9442	1.2541	4.0435	1.2058	9.5743	3.7222	1.8162	9.1180	3.2995	1.5573	2.5520	2.3494	2.6829	7.3996	6.6134
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+03	E+04	E+04	E+01
6.9442	1.1996	8.7369	1.2058	8.8904	1.0531	1.8162	8.7035	1.4035	1.5573	2.1874	7.9337	2.6829	7.0297	1.3100
E+02	E+03	E+03	E+04	E+04	E+03	E+03	E+03	E+03	E+02	E+02	E+03	E+04	E+04	E+02
6.9442	1.1450	2.3745	1.2058	8.2066	2.1091	1.8162	8.2891	2.9787	1.5573	1.8228	1.7381	2.6829	6.6597	3.0809
E+02	E+03	E+04	E+04	E+04	E+03	E+03	E+03	E+03	E+02	E+02	E+04	E+04	E+04	E+02
6.9442	1.0905	3.6410	1.2058	7.5227	2.1421	1.8162	7.8746	1.0641	1.5573	1.4583	5.2976	2.6829	6.2897	1.0460
E+02	E+03	E+04	E+04	E+04	E+03	E+03	E+03	E+04	E+02	E+02	E+04	E+04	E+04	E+02
6.9442	1.0360	3.0525	1.2058	6.8388	3.2351	1.8162	7.4602	1.7924	1.5573	1.0937	2.4804	2.6829	5.9197	1.3392
E+02	E+03	E+04	E+04	E+04	E+03	E+03	E+03	E+04	E+02	E+02	E+05	E+04	E+04	E+02
6.9442	9.8146	6.2901	1.2058	6.1549	4.2852	1.8162	7.0457	2.1420	1.5573	7.2914	8.7179	2.6829	5.5497	4.3275
E+02	E+02	E+04	E+04	E+04	E+03	E+03	E+03	E+04	E+02	E+01	E+05	E+04	E+04	E+02

Original Instruction: T05 0138-8633 VER 00
 Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.9442	9.2694	1.0063	1.2058	5.4710	5.8176	1.8162	6.6313	3.2051	1.5573	3.6457	2.7420	2.6829	5.1798	3.1598
E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+03	E+04	E+02	E+01	E+06	E+04	E+04	E+02
6.9442	8.7241	1.6131	1.2058	4.7872	2.0386	1.8162	6.2168	4.8017	1.5573	0.0000	3.3161	2.6829	4.8098	1.1575
E+02	E+02	E+05	E+04	E+04	E+04	E+03	E+03	E+04	E+02	E+00	E+06	E+04	E+04	E+03
6.9442	8.1789	2.4739	1.2058	4.1033	1.2109	1.8162	5.8024	7.3392	1.1927	1.6041	2.1215	2.6829	4.4398	5.7902
E+02	E+02	E+05	E+04	E+04	E+04	E+03	E+03	E+04	E+02	E+03	E-01	E+04	E+04	E+02
6.9442	7.6336	4.0566	1.2058	3.4194	3.1905	1.8162	5.3879	1.1731	1.1927	1.4947	2.1215	2.6829	4.0698	1.3489
E+02	E+02	E+05	E+04	E+04	E+04	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+04	E+03
6.9442	7.0884	5.2847	1.2058	2.7355	3.7738	1.8162	4.9735	2.2053	1.1927	1.4583	4.0501	2.6829	3.6998	2.2200
E+02	E+02	E+05	E+04	E+04	E+04	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+04	E+03
6.9442	6.5431	9.7100	1.2058	2.0516	5.3586	1.8162	4.5590	2.5993	1.1927	1.4218	4.0501	2.6829	3.3298	1.7186
E+02	E+02	E+05	E+04	E+04	E+04	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+04	E+03
6.9442	5.9978	1.3272	1.2058	1.3678	5.1684	1.8162	4.1445	2.8475	1.1927	1.3854	6.1716	2.6829	2.9599	2.5512
E+02	E+02	E+06	E+04	E+04	E+04	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+04	E+03
6.9442	5.4526	1.7844	1.2058	6.8388	2.3538	1.8162	3.7301	4.4034	1.1927	1.3489	1.0607	2.6829	2.5899	4.4875
E+02	E+02	E+06	E+04	E+03	E+05	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+04	E+03
6.9442	4.9073	2.6088	1.2058	0.0000	2.0386	1.8162	3.3156	5.8375	1.1927	1.3124	1.0607	2.6829	2.2199	6.2048
E+02	E+02	E+06	E+04	E+00	E+06	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+04	E+03
6.9442	4.3621	3.8522	4.6293	2.0516	4.5833	1.8162	2.9012	7.4456	1.1927	1.2760	1.0225	2.6829	1.8499	8.8597
E+02	E+02	E+06	E+03	E+05	E-02	E+03	E+03	E+05	E+02	E+03	E+01	E+04	E+04	E+03
6.9442	3.8168	4.5503	4.6293	1.7781	4.5833	1.8162	2.4867	8.5778	1.1927	1.2395	1.3277	2.6829	1.4799	2.6044
E+02	E+02	E+06	E+03	E+05	E-02	E+03	E+03	E+05	E+02	E+03	E+02	E+04	E+04	E+04
6.9442	3.2715	5.1363	4.6293	1.6413	1.6902	1.8162	2.0723	9.3469	1.1927	1.2031	1.0607	2.6829	1.1099	3.8003
E+02	E+02	E+06	E+03	E+05	E+00	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+04	E+04
6.9442	2.7263	6.0425	4.6293	1.3678	1.2958	1.8162	1.6578	7.0123	1.1927	1.1666	4.4768	2.6829	7.3996	1.2256
E+02	E+02	E+06	E+03	E+05	E+00	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+03	E+05
6.9442	2.1810	7.2423	4.6293	1.2994	3.3804	1.8162	1.2434	7.5913	1.1927	1.1302	4.4340	2.6829	3.6998	3.9847
E+02	E+02	E+06	E+03	E+05	E+00	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+03	E+05
6.9442	1.6358	1.1760	4.6293	1.2310	2.2660	1.8162	8.2891	1.5020	1.1927	1.0937	5.8396	2.6829	0.0000	4.0824
E+02	E+02	E+07	E+03	E+05	E+00	E+03	E+02	E+06	E+02	E+03	E+00	E+04	E+00	E+06
6.9442	1.0905	1.9352	4.6293	1.1626	1.0928	1.8162	4.1445	3.6140	1.1927	1.0573	1.8546	2.2654	1.5169	1.0607
E+02	E+02	E+07	E+03	E+05	E+01	E+03	E+02	E+06	E+02	E+03	E+01	E+04	E+05	E-01
6.9442	5.4526	3.3305	4.6293	1.0942	1.3597	1.8162	0.0000	9.2295	1.1927	1.0208	1.8168	2.2654	1.4799	1.0607
E+02	E+01	E+07	E+03	E+05	E+00	E+03	E+00	E+06	E+02	E+03	E+01	E+04	E+05	E-01
6.9442	0.0000	3.4050	4.6293	1.0258	1.0560	1.2787	1.9894	3.4118	1.1927	9.8434	2.0136	2.2654	1.4059	4.3499
E+02	E+00	E+07	E+03	E+05	E+03	E+03	E+04	E+01	E+02	E+02	E+01	E+04	E+05	E+00
6.3027	2.3446	1.0607	4.6293	9.5743	5.1269	1.2787	1.7407	4.5833	1.1927	9.4788	5.0475	2.2654	1.3689	3.2851
E+02	E+03	E-01	E+03	E+04	E+01	E+03	E+04	E-02	E+02	E+02	E+01	E+04	E+05	E+00
6.3027	2.0720	2.1515	4.6293	8.8904	6.3341	1.2787	1.5749	1.0607	1.1927	9.1142	2.5250	2.2654	1.3319	9.1352
E+02	E+03	E+01	E+03	E+04	E+03	E+03	E+04	E-01	E+02	E+02	E+02	E+04	E+05	E+00
6.3027	2.0175	8.1003	4.6293	8.2066	2.1122	1.2787	1.4920	6.2500	1.1927	8.7497	1.0795	2.2654	1.2949	2.1206
E+02	E+03	E-01	E+03	E+04	E+03	E+03	E+04	E-01	E+02	E+02	E+02	E+04	E+05	E+02
6.3027	1.9084	1.1310	4.6293	7.5227	1.2655	1.2787	1.4506	2.4950	1.1927	8.3851	8.2033	2.2654	1.2579	4.9589
E+02	E+03	E+02	E+03	E+04	E+04	E+03	E+04	E+02	E+02	E+02	E+01	E+04	E+05	E+00
6.3027	1.8539	1.0417	4.6293	6.8388	1.4802	1.2787	1.3677	4.5833	1.1927	8.0205	8.1177	2.2654	1.2209	1.5726
E+02	E+03	E+02	E+03	E+04	E+04	E+03	E+04	E-02	E+02	E+02	E+02	E+04	E+05	E+01
6.3027	1.7994	2.5133	4.6293	6.1549	2.9029	1.2787	1.3263	1.3325	1.1927	7.6560	3.7562	2.2654	1.1839	2.4371
E+02	E+03	E+01	E+03	E+04	E+04	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+05	E+01
6.3027	1.7448	6.3960	4.6293	5.4710	3.6989	1.2787	1.2848	4.9897	1.1927	7.2914	4.8091	2.2654	1.1469	1.3898
E+02	E+03	E+02	E+03	E+04	E+04	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+05	E+01
6.3027	1.6903	6.7078	4.6293	4.7872	1.1055	1.2787	1.2434	8.9579	1.1927	6.9268	4.8249	2.2654	1.1099	2.6273
E+02	E+03	E+02	E+03	E+04	E+05	E+03	E+04	E+02	E+02	E+02	E+02	E+04	E+05	E+01



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.3027 E+02	1.6358 E+03	4.1103 E+01	4.6293 E+03	4.1033 E+04	1.3740 E+05	1.2787 E+03	1.2019 E+04	6.3519 E+00	1.1927 E+02	6.5622 E+02	1.4814 E+03	2.2654 E+04	1.0729 E+05	1.4940 E+01
6.3027 E+02	1.5812 E+03	8.3453 E+02	4.6293 E+03	3.4194 E+04	1.9838 E+05	1.2787 E+03	1.1605 E+04	9.6336 E+02	1.1927 E+02	6.1977 E+02	1.1220 E+03	2.2654 E+04	1.0360 E+05	1.1677 E+02
6.3027 E+02	1.5267 E+03	4.5786 E+02	4.6293 E+03	2.7355 E+04	3.3866 E+05	1.2787 E+03	1.1190 E+04	1.4955 E+01	1.1927 E+02	5.8331 E+02	1.0824 E+03	2.2654 E+04	9.9895 E+04	1.9839 E+02
6.3027 E+02	1.4722 E+03	1.5041 E+03	4.6293 E+03	2.0516 E+04	9.4108 E+05	1.2787 E+03	1.0776 E+04	1.1414 E+03	1.1927 E+02	5.4685 E+02	1.6062 E+03	2.2654 E+04	9.6195 E+04	1.6058 E+02
6.3027 E+02	1.4177 E+03	1.1401 E+04	4.6293 E+03	1.3678 E+04	2.7319 E+06	1.2787 E+03	1.0361 E+04	5.1837 E+02	1.1927 E+02	5.1040 E+02	1.6173 E+03	2.2654 E+04	9.2496 E+04	3.7397 E+01
6.3027 E+02	1.3631 E+03	8.1780 E+03	4.6293 E+03	6.8388 E+03	5.6474 E+06	1.2787 E+03	9.9469 E+03	5.3303 E+03	1.1927 E+02	4.7394 E+02	2.5546 E+03	2.2654 E+04	8.8796 E+04	9.9551 E+01
6.3027 E+02	1.3086 E+03	6.3932 E+03	4.6293 E+03	0.0000 E+00	1.5443 E+07	1.2787 E+03	9.5325 E+03	3.0685 E+03	1.1927 E+02	4.3748 E+02	3.1641 E+03	2.2654 E+04	8.5096 E+04	1.4274 E+02
6.3027 E+02	1.2541 E+03	9.5495 E+03	- 2.7998 E+03	2.1884 E+05	6.2500 E-01	1.2787 E+03	9.1180 E+03	8.2661 E+03	1.1927 E+02	4.0103 E+02	4.3288 E+03	2.2654 E+04	8.1396 E+04	6.8728 E+02
6.3027 E+02	1.1996 E+03	2.0791 E+04	- 2.7998 E+03	1.7097 E+05	9.1667 E-02	1.2787 E+03	8.7035 E+03	5.7094 E+03	1.1927 E+02	3.6457 E+02	4.5195 E+03	2.2654 E+04	7.7696 E+04	6.5124 E+02
6.3027 E+02	1.1450 E+03	2.4739 E+04	- 2.7998 E+03	1.4361 E+05	1.6902 E+00	1.2787 E+03	8.2891 E+03	2.8108 E+04	1.1927 E+02	3.2811 E+02	6.0897 E+03	2.2654 E+04	7.3996 E+04	7.7788 E+02
6.3027 E+02	1.0905 E+03	3.3847 E+04	- 2.7998 E+03	1.3678 E+05	9.1667 E-02	1.2787 E+03	7.8746 E+03	1.9981 E+04	1.1927 E+02	2.9166 E+02	8.7454 E+03	2.2654 E+04	7.0297 E+04	1.1638 E+03
6.3027 E+02	1.0360 E+03	5.4844 E+04	- 2.7998 E+03	1.2310 E+05	4.5833 E-02	1.2787 E+03	7.4602 E+03	2.4175 E+04	1.1927 E+02	2.5520 E+02	1.6070 E+04	2.2654 E+04	6.6597 E+04	9.1759 E+02
6.3027 E+02	9.8146 E+02	1.1710 E+05	- 2.7998 E+03	1.1626 E+05	2.4069 E+00	1.2787 E+03	7.0457 E+03	4.7802 E+04	1.1927 E+02	2.1874 E+02	2.8622 E+04	2.2654 E+04	6.2897 E+04	1.5428 E+03
6.3027 E+02	9.2694 E+02	1.4094 E+05	- 2.7998 E+03	1.0942 E+05	1.0162 E+01	1.2787 E+03	6.6313 E+03	1.0002 E+05	1.1927 E+02	1.8228 E+02	6.8557 E+04	2.2654 E+04	5.9197 E+04	1.8786 E+03
6.3027 E+02	8.7241 E+02	2.5136 E+05	- 2.7998 E+03	1.0258 E+05	3.3915 E+01	1.2787 E+03	6.2168 E+03	1.3062 E+05	1.1927 E+02	1.4583 E+02	1.7469 E+05	2.2654 E+04	5.5497 E+04	2.2079 E+03
6.3027 E+02	8.1789 E+02	3.1630 E+05	- 2.7998 E+03	9.5743 E+04	3.5736 E+00	1.2787 E+03	5.8024 E+03	1.6778 E+05	1.1927 E+02	1.0937 E+02	6.2610 E+05	2.2654 E+04	5.1798 E+04	3.1810 E+03
6.3027 E+02	7.6336 E+02	5.8013 E+05	- 2.7998 E+03	8.8904 E+04	3.5892 E+03	1.2787 E+03	5.3879 E+03	2.0767 E+05	1.1927 E+02	7.2914 E+01	2.0214 E+06	2.2654 E+04	4.8098 E+04	2.6817 E+03
6.3027 E+02	7.0884 E+02	6.6767 E+05	- 2.7998 E+03	8.2066 E+04	6.3309 E+03	1.2787 E+03	4.9735 E+03	3.2346 E+05	1.1927 E+02	3.6457 E+01	6.7346 E+06	2.2654 E+04	4.4398 E+04	3.9063 E+03
6.3027 E+02	6.5431 E+02	1.0327 E+06	- 2.7998 E+03	7.5227 E+04	1.1547 E+04	1.2787 E+03	4.5590 E+03	4.3177 E+05	1.1927 E+02	0.0000 E+00	9.6846 E+06	2.2654 E+04	4.0698 E+04	7.7571 E+03
6.3027 E+02	5.9978 E+02	1.4213 E+06	- 2.7998 E+03	6.8388 E+04	2.0214 E+04	1.2787 E+03	4.1445 E+03	6.7795 E+05	8.2817 E+01	1.8228 E+03	1.0607 E-01	2.2654 E+04	3.6998 E+04	6.6221 E+03

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.3027 E+02	5.4526 E+02	1.8066 E+06	- 2.7998 E+03	6.1549 E+04	4.1584 E+04	1.2787 E+03	3.7301 E+03	8.8425 E+05	8.2817 E+01	1.7864 E+03	2.1215 E-01	2.2654 E+04	3.3298 E+04	1.4180 E+04
6.3027 E+02	4.9073 E+02	2.6681 E+06	- 2.7998 E+03	5.4710 E+04	1.1755 E+05	1.2787 E+03	3.3156 E+03	1.0992 E+06	8.2817 E+01	1.6041 E+03	1.0607 E-01	2.2654 E+04	2.9599 E+04	1.3566 E+04
6.3027 E+02	4.3621 E+02	3.2524 E+06	- 2.7998 E+03	4.7872 E+04	1.5778 E+05	1.2787 E+03	2.9012 E+03	1.5778 E+06	8.2817 E+01	1.5676 E+03	1.0607 E-01	2.2654 E+04	2.5899 E+04	2.6829 E+04
6.3027 E+02	3.8168 E+02	3.9189 E+06	- 2.7998 E+03	4.1033 E+04	1.5266 E+05	1.2787 E+03	2.4867 E+03	1.4245 E+06	8.2817 E+01	1.4947 E+03	8.1003 E-01	2.2654 E+04	2.2199 E+04	2.8225 E+04
6.3027 E+02	3.2715 E+02	4.2494 E+06	- 2.7998 E+03	3.4194 E+04	2.9773 E+05	1.2787 E+03	2.0723 E+03	1.9109 E+06	8.2817 E+01	1.3854 E+03	8.8170 E+00	2.2654 E+04	1.8499 E+04	3.6473 E+04
6.3027 E+02	2.7263 E+02	4.4213 E+06	- 2.7998 E+03	2.7355 E+04	3.6996 E+05	1.2787 E+03	1.6578 E+03	2.1057 E+06	8.2817 E+01	1.3489 E+03	7.6426 E+00	2.2654 E+04	1.4799 E+04	7.5167 E+04
6.3027 E+02	2.1810 E+02	5.1228 E+06	- 2.7998 E+03	2.0516 E+04	6.4397 E+05	1.2787 E+03	1.2434 E+03	2.0398 E+06	8.2817 E+01	1.3124 E+03	3.2659 E+00	2.2654 E+04	1.1099 E+04	1.8665 E+05
6.3027 E+02	1.6358 E+02	6.9627 E+06	- 2.7998 E+03	1.3678 E+04	8.5196 E+05	1.2787 E+03	8.2891 E+02	2.7243 E+06	8.2817 E+01	1.2760 E+03	1.1274 E+02	2.2654 E+04	7.3996 E+03	4.8221 E+05
6.3027 E+02	1.0905 E+02	1.2570 E+07	- 2.7998 E+03	6.8388 E+03	1.5962 E+06	1.2787 E+03	4.1445 E+02	7.5001 E+06	8.2817 E+01	1.2395 E+03	3.1416 E+01	2.2654 E+04	3.6998 E+03	1.7926 E+06
6.3027 E+02	5.4526 E+01	2.3080 E+07	- 2.7998 E+03	0.0000 E+00	5.1638 E+06	1.2787 E+03	0.0000 E+00	1.7625 E+07	8.2817 E+01	1.2031 E+03	1.5117 E+01	2.2654 E+04	0.0000 E+00	1.3448 E+07
6.3027 E+02	0.0000 E+00	2.7967 E+07	- 1.0229 E+04	3.2826 E+05	1.6902 E+00	7.4117 E+02	1.8650 E+04	2.7898 E+00	8.2817 E+01	1.1666 E+03	1.1701 E+02	1.8478 E+04	1.5539 E+05	1.0607 E-01
5.6611 E+02	2.5082 E+03	1.0607 E-01	- 1.0229 E+04	3.2142 E+05	1.6902 E+00	7.4117 E+02	1.6578 E+04	2.5133 E+01	8.2817 E+01	1.1302 E+03	2.4133 E+02	1.8478 E+04	1.4799 E+05	2.1215 E-01
5.6611 E+02	2.3991 E+03	2.5192 E+00	- 1.0229 E+04	2.7355 E+05	2.3750 E+00	7.4117 E+02	1.6164 E+04	2.8029 E+01	8.2817 E+01	1.0937 E+03	4.8537 E+01	1.8478 E+04	1.4059 E+05	4.0501 E-01
5.6611 E+02	2.2901 E+03	3.1790 E+00	- 1.0229 E+04	2.5987 E+05	6.2500 E-01	7.4117 E+02	1.5749 E+04	3.7043 E+01	8.2817 E+01	1.0573 E+03	1.6928 E+02	1.8478 E+04	1.3689 E+05	1.0225 E+01
5.6611 E+02	2.1810 E+03	1.0651 E+01	- 1.0229 E+04	2.4620 E+05	1.7500 E+00	7.4117 E+02	1.5335 E+04	7.4040 E+01	8.2817 E+01	1.0208 E+03	6.8183 E+01	1.8478 E+04	1.3319 E+05	5.2912 E+00
5.6611 E+02	2.1265 E+03	5.5795 E+00	- 1.0229 E+04	2.3252 E+05	6.7083 E-01	7.4117 E+02	1.4920 E+04	2.0290 E+02	8.2817 E+01	9.8434 E+02	2.2403 E+02	1.8478 E+04	1.2949 E+05	3.2924 E+00
5.6611 E+02	2.0720 E+03	6.2500 E-01	- 1.0229 E+04	1.9833 E+05	4.5833 E-02	7.4117 E+02	1.4506 E+04	2.5192 E+00	8.2817 E+01	9.4788 E+02	6.9258 E+02	1.8478 E+04	1.2579 E+05	5.2926 E+00
5.6611 E+02	2.0175 E+03	1.6902 E+00	- 1.0229 E+04	1.9149 E+05	4.5833 E-02	7.4117 E+02	1.4091 E+04	4.8044 E+01	8.2817 E+01	9.1142 E+02	4.5856 E+02	1.8478 E+04	1.2209 E+05	2.2263 E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.6611 E+02	1.9629 E+03	6.0785 E+00	- 1.0229 E+04	1.8465 E+05	4.5833 E-02	7.4117 E+02	1.3677 E+04	9.6832 E+01	8.2817 E+01	8.7497 E+02	4.5289 E+02	1.8478 E+04	1.1839 E+05	2.6179 E+01
5.6611 E+02	1.9084 E+03	2.5217 E+01	- 1.0229 E+04	1.7781 E+05	4.5833 E-02	7.4117 E+02	1.3263 E+04	3.1161 E+02	8.2817 E+01	8.3851 E+02	9.9594 E+02	1.8478 E+04	1.1469 E+05	1.3293 E+02
5.6611 E+02	1.8539 E+03	6.1410 E+01	- 1.0229 E+04	1.7097 E+05	4.5833 E-02	7.4117 E+02	1.2848 E+04	2.3609 E+02	8.2817 E+01	8.0205 E+02	1.5241 E+03	1.8478 E+04	1.1099 E+05	3.9300 E+01
5.6611 E+02	1.7994 E+03	7.5493 E+01	- 1.0229 E+04	1.6413 E+05	4.5833 E-02	7.4117 E+02	1.2434 E+04	5.4442 E+02	8.2817 E+01	7.6560 E+02	1.6498 E+03	1.8478 E+04	1.0729 E+05	2.7696 E+02
5.6611 E+02	1.7448 E+03	6.7077 E+02	- 1.0229 E+04	1.5729 E+05	9.1667 E-02	7.4117 E+02	1.2019 E+04	8.7421 E+02	8.2817 E+01	7.2914 E+02	2.4824 E+03	1.8478 E+04	1.0360 E+05	6.9669 E+01
5.6611 E+02	1.6903 E+03	1.0101 E+03	- 1.0229 E+04	1.5045 E+05	1.7360 E+00	7.4117 E+02	1.1605 E+04	9.9252 E+02	8.2817 E+01	6.9268 E+02	2.5950 E+03	1.8478 E+04	9.9895 E+04	8.4363 E+01
5.6611 E+02	1.6358 E+03	8.1408 E+02	- 1.0229 E+04	1.4361 E+05	2.5917 E+00	7.4117 E+02	1.1190 E+04	3.0794 E+03	8.2817 E+01	6.5622 E+02	3.7480 E+03	1.8478 E+04	9.6195 E+04	1.4930 E+02
5.6611 E+02	1.5812 E+03	2.1900 E+03	- 1.0229 E+04	1.3678 E+05	4.5833 E-02	7.4117 E+02	1.0776 E+04	1.5517 E+03	8.2817 E+01	6.1977 E+02	4.5517 E+03	1.8478 E+04	9.2496 E+04	1.5635 E+02
5.6611 E+02	1.5267 E+03	1.0152 E+03	- 1.0229 E+04	1.2994 E+05	5.2653 E+00	7.4117 E+02	1.0361 E+04	9.2788 E+03	8.2817 E+01	5.8331 E+02	4.0514 E+03	1.8478 E+04	8.8796 E+04	9.9984 E+02
5.6611 E+02	1.4722 E+03	7.6672 E+02	- 1.0229 E+04	1.2310 E+05	9.1667 E-02	7.4117 E+02	9.9469 E+03	1.7518 E+03	8.2817 E+01	5.4685 E+02	5.5461 E+03	1.8478 E+04	8.5096 E+04	1.8847 E+02
5.6611 E+02	1.4177 E+03	4.7683 E+03	- 1.0229 E+04	1.1626 E+05	3.0976 E+01	7.4117 E+02	9.5325 E+03	1.9061 E+04	8.2817 E+01	5.1040 E+02	9.0561 E+03	1.8478 E+04	8.1396 E+04	1.1702 E+03
5.6611 E+02	1.3631 E+03	5.9703 E+03	- 1.0229 E+04	1.0942 E+05	2.3507 E+01	7.4117 E+02	9.1180 E+03	1.1271 E+04	8.2817 E+01	4.7394 E+02	1.0727 E+04	1.8478 E+04	7.7696 E+04	1.6535 E+03
5.6611 E+02	1.3086 E+03	7.4443 E+03	- 1.0229 E+04	1.0258 E+05	1.6293 E+02	7.4117 E+02	8.7035 E+03	3.0551 E+04	8.2817 E+01	4.3748 E+02	1.8884 E+04	1.8478 E+04	7.3996 E+04	3.0730 E+03
5.6611 E+02	1.2541 E+03	2.5066 E+04	- 1.0229 E+04	9.5743 E+04	2.3684 E+03	7.4117 E+02	8.2891 E+03	3.2315 E+04	8.2817 E+01	4.0103 E+02	2.1261 E+04	1.8478 E+04	7.0297 E+04	2.4910 E+03
5.6611 E+02	1.1996 E+03	1.9251 E+04	- 1.0229 E+04	8.8904 E+04	2.6227 E+03	7.4117 E+02	7.8746 E+03	4.0709 E+04	8.2817 E+01	3.6457 E+02	3.1211 E+04	1.8478 E+04	6.6597 E+04	3.6631 E+03
5.6611 E+02	1.1450 E+03	2.5193 E+04	- 1.0229 E+04	8.2066 E+04	3.6035 E+02	7.4117 E+02	7.4602 E+03	4.8841 E+04	8.2817 E+01	3.2811 E+02	3.9393 E+04	1.8478 E+04	6.2897 E+04	8.0982 E+03
5.6611 E+02	1.0905 E+03	7.1371 E+04	- 1.0229 E+04	7.5227 E+04	3.3677 E+03	7.4117 E+02	7.0457 E+03	9.4472 E+04	8.2817 E+01	2.9166 E+02	6.0778 E+04	1.8478 E+04	5.9197 E+04	8.2965 E+03
5.6611 E+02	1.0360 E+03	7.4420 E+04	- 1.0229 E+04	6.8388 E+04	1.7338 E+03	7.4117 E+02	6.6313 E+03	1.5775 E+05	8.2817 E+01	2.5520 E+02	1.0221 E+05	1.8478 E+04	5.5497 E+04	8.9365 E+03

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.6611 E+02	9.8146 E+02	1.0129 E+05	- 1.0229 E+04	6.1549 E+04	1.0137 E+04	7.4117 E+02	6.2168 E+03	1.7961 E+05	8.2817 E+01	2.1874 E+02	1.5046 E+05	1.8478 E+04	5.1798 E+04	1.6273 E+04
5.6611 E+02	9.2694 E+02	1.2730 E+05	- 1.0229 E+04	5.4710 E+04	9.1149 E+03	7.4117 E+02	5.8024 E+03	2.9381 E+05	8.2817 E+01	1.8228 E+02	3.5654 E+05	1.8478 E+04	4.8098 E+04	2.2331 E+04
5.6611 E+02	8.7241 E+02	2.8714 E+05	- 1.0229 E+04	4.7872 E+04	2.0364 E+04	7.4117 E+02	5.3879 E+03	2.7826 E+05	8.2817 E+01	1.4583 E+02	8.6044 E+05	1.8478 E+04	4.4398 E+04	4.1484 E+04
5.6611 E+02	8.1789 E+02	2.9613 E+05	- 1.0229 E+04	4.1033 E+04	9.7201 E+04	7.4117 E+02	4.9735 E+03	4.5249 E+05	8.2817 E+01	1.0937 E+02	2.5952 E+06	1.8478 E+04	4.0698 E+04	5.2427 E+04
5.6611 E+02	7.6336 E+02	4.7914 E+05	- 1.0229 E+04	3.4194 E+04	2.5246 E+05	7.4117 E+02	4.5590 E+03	5.2419 E+05	8.2817 E+01	7.2914 E+01	9.1463 E+06	1.8478 E+04	3.6998 E+04	8.5458 E+04
5.6611 E+02	7.0884 E+02	6.0465 E+05	- 1.0229 E+04	2.7355 E+04	5.5175 E+05	7.4117 E+02	4.1445 E+03	8.2144 E+05	8.2817 E+01	3.6457 E+01	2.7360 E+07	1.8478 E+04	3.3298 E+04	1.1242 E+05
5.6611 E+02	6.5431 E+02	9.2452 E+05	- 1.0229 E+04	2.0516 E+04	1.0289 E+06	7.4117 E+02	3.7301 E+03	1.3417 E+06	8.2817 E+01	0.0000 E+00	3.9920 E+07	1.8478 E+04	2.9599 E+04	1.7784 E+05
5.6611 E+02	5.9978 E+02	1.3398 E+06	- 1.0229 E+04	1.3678 E+04	1.4763 E+06	7.4117 E+02	3.3156 E+03	1.7270 E+06	4.6360 E+01	1.5676 E+03	8.1003 E-01	1.8478 E+04	2.5899 E+04	2.2577 E+05
5.6611 E+02	5.4526 E+02	1.7539 E+06	- 1.0229 E+04	6.8388 E+03	2.2049 E+06	7.4117 E+02	2.9012 E+03	2.3100 E+06	4.6360 E+01	1.4947 E+03	3.1822 E-01	1.8478 E+04	2.2199 E+04	3.4174 E+05
5.6611 E+02	4.9073 E+02	2.3770 E+06	- 1.0229 E+04	0.0000 E+00	7.3199 E+06	7.4117 E+02	2.4867 E+03	2.9125 E+06	4.6360 E+01	1.4583 E+03	1.3021 E+00	1.8478 E+04	1.8499 E+04	4.1788 E+05
5.6611 E+02	4.3621 E+02	2.5309 E+06	- 1.7658 E+04	3.2142 E+05	5.1304 E+00	7.4117 E+02	2.0723 E+03	3.6280 E+06	4.6360 E+01	1.4218 E+03	2.7278 E+00	1.8478 E+04	1.4799 E+04	6.1076 E+05
5.6611 E+02	3.8168 E+02	3.4034 E+06	- 1.7658 E+04	3.1458 E+05	1.6902 E+00	7.4117 E+02	1.6578 E+03	3.4812 E+06	4.6360 E+01	1.3854 E+03	3.4780 E+00	1.8478 E+04	1.1099 E+04	7.9651 E+05
5.6611 E+02	3.2715 E+02	3.5571 E+06	- 1.7658 E+04	3.0775 E+05	1.6902 E+00	7.4117 E+02	1.2434 E+03	3.8002 E+06	4.6360 E+01	1.3489 E+03	3.5030 E+00	1.8478 E+04	7.3996 E+03	2.1346 E+06
5.6611 E+02	2.7263 E+02	3.9985 E+06	- 1.7658 E+04	3.0091 E+05	8.2007 E+00	7.4117 E+02	8.2891 E+02	5.1430 E+06	4.6360 E+01	1.3124 E+03	5.0266 E+00	1.8478 E+04	3.6998 E+03	6.7960 E+06
5.6611 E+02	2.1810 E+02	4.3620 E+06	- 1.7658 E+04	2.9407 E+05	3.4402 E+00	7.4117 E+02	4.1445 E+02	1.2457 E+07	4.6360 E+01	1.2760 E+03	1.0437 E+01	1.8478 E+04	0.0000 E+00	3.8746 E+07
5.6611 E+02	1.6358 E+02	4.6610 E+06	- 1.7658 E+04	2.8723 E+05	1.7500 E+00	7.4117 E+02	0.0000 E+00	3.0022 E+07	4.6360 E+01	1.2395 E+03	2.4600 E+01	1.4302 E+04	1.5539 E+05	8.3715 E-01
5.6611 E+02	1.0905 E+02	7.7097 E+06	- 1.7658 E+04	2.7355 E+05	3.5000 E+00	2.0364 E+02	1.8650 E+04	2.7898 E+00	4.6360 E+01	1.2031 E+03	2.6943 E+01	1.4302 E+04	1.5169 E+05	2.1215 E-01
5.6611 E+02	5.4526 E+01	1.7150 E+07	- 1.7658 E+04	2.2568 E+05	6.2500 E-01	2.0364 E+02	1.8236 E+04	2.5133 E+01	4.6360 E+01	1.1666 E+03	1.5064 E+02	1.4302 E+04	1.4799 E+05	2.7606 E-01

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.6611 E+02	0.0000 E+00	2.4985 E+07	- 1.7658 E+04	2.1884 E+05	4.5833 E-02	2.0364 E+02	1.7822 E+04	1.3171 E+01	4.6360 E+01	1.1302 E+03	8.9218 E+01	1.4302 E+04	1.4429 E+05	2.1215 E-01
5.0196 E+02	2.6718 E+03	1.0607 E-01	- 1.7658 E+04	2.1200 E+05	1.7500 E+00	2.0364 E+02	1.7407 E+04	1.0417 E+02	4.6360 E+01	1.0937 E+03	1.8748 E+02	1.4302 E+04	1.4059 E+05	2.1215 E-01
5.0196 E+02	2.6172 E+03	1.0607 E-01	- 1.7658 E+04	1.8465 E+05	2.5000 E+00	2.0364 E+02	1.6993 E+04	1.6231 E+01	4.6360 E+01	1.0573 E+03	5.3195 E+02	1.4302 E+04	1.3689 E+05	2.1489 E+00
5.0196 E+02	2.3446 E+03	1.1311 E+01	- 1.7658 E+04	1.7781 E+05	4.5833 E-02	2.0364 E+02	1.6578 E+04	5.5927 E+02	4.6360 E+01	1.0208 E+03	6.5044 E+02	1.4302 E+04	1.3319 E+05	1.1480 E+00
5.0196 E+02	2.2901 E+03	2.7898 E+00	- 1.7658 E+04	1.6413 E+05	9.1667 E-02	2.0364 E+02	1.6164 E+04	4.0223 E+01	4.6360 E+01	9.8434 E+02	6.5016 E+02	1.4302 E+04	1.2949 E+05	6.4082 E+00
5.0196 E+02	2.2356 E+03	6.6300 E-01	- 1.7658 E+04	1.5729 E+05	1.8277 E+00	2.0364 E+02	1.5749 E+04	3.1929 E+01	4.6360 E+01	9.4788 E+02	3.8151 E+02	1.4302 E+04	1.2579 E+05	1.8941 E+00
5.0196 E+02	2.1810 E+03	8.1003 E-01	- 1.7658 E+04	1.5045 E+05	1.3750 E-01	2.0364 E+02	1.5335 E+04	3.1540 E+02	4.6360 E+01	9.1142 E+02	1.0238 E+03	1.4302 E+04	1.2209 E+05	1.0299 E+01
5.0196 E+02	2.1265 E+03	2.3844 E+00	- 1.7658 E+04	1.4361 E+05	1.4487 E+01	2.0364 E+02	1.4920 E+04	1.4851 E+03	4.6360 E+01	8.7497 E+02	2.2605 E+03	1.4302 E+04	1.1839 E+05	1.1078 E+02
5.0196 E+02	2.0720 E+03	1.7284 E+01	- 1.7658 E+04	1.3678 E+05	4.3277 E+00	2.0364 E+02	1.4506 E+04	8.7945 E+02	4.6360 E+01	8.3851 E+02	2.6551 E+03	1.4302 E+04	1.1469 E+05	2.4190 E+02
5.0196 E+02	2.0175 E+03	2.1950 E+01	- 1.7658 E+04	1.2994 E+05	1.0547 E+02	2.0364 E+02	1.4091 E+04	3.6049 E+02	4.6360 E+01	8.0205 E+02	2.2207 E+03	1.4302 E+04	1.1099 E+05	3.3864 E+02
5.0196 E+02	1.9629 E+03	4.2201 E+01	- 1.7658 E+04	1.2310 E+05	1.0456 E+02	2.0364 E+02	1.3677 E+04	1.7839 E+03	4.6360 E+01	7.6560 E+02	1.9758 E+03	1.4302 E+04	1.0729 E+05	4.3320 E+01
5.0196 E+02	1.9084 E+03	1.7870 E+02	- 1.7658 E+04	1.1626 E+05	2.9061 E+00	2.0364 E+02	1.3263 E+04	3.4448 E+03	4.6360 E+01	7.2914 E+02	3.7377 E+03	1.4302 E+04	1.0360 E+05	5.1541 E+02
5.0196 E+02	1.8539 E+03	1.2352 E+01	- 1.7658 E+04	1.0942 E+05	4.3310 E+01	2.0364 E+02	1.2848 E+04	1.9162 E+03	4.6360 E+01	6.9268 E+02	6.4374 E+03	1.4302 E+04	9.9895 E+04	3.1389 E+02
5.0196 E+02	1.7994 E+03	3.0052 E+02	- 1.7658 E+04	1.0258 E+05	6.8697 E+01	2.0364 E+02	1.2434 E+04	3.8233 E+03	4.6360 E+01	6.5622 E+02	5.5677 E+03	1.4302 E+04	9.6195 E+04	3.1060 E+02
5.0196 E+02	1.7448 E+03	1.1621 E+02	- 1.7658 E+04	9.5743 E+04	4.2750 E+03	2.0364 E+02	1.2019 E+04	2.2730 E+03	4.6360 E+01	6.1977 E+02	1.0195 E+04	1.4302 E+04	9.2496 E+04	6.1133 E+02
5.0196 E+02	1.6903 E+03	4.1489 E+02	- 1.7658 E+04	8.8904 E+04	3.9827 E+01	2.0364 E+02	1.1605 E+04	6.1678 E+03	4.6360 E+01	5.8331 E+02	2.3600 E+04	1.4302 E+04	8.8796 E+04	7.6594 E+02
5.0196 E+02	1.6358 E+03	8.0658 E+02	- 1.7658 E+04	8.2066 E+04	3.2119 E+03	2.0364 E+02	1.1190 E+04	1.5945 E+04	4.6360 E+01	5.4685 E+02	4.3078 E+04	1.4302 E+04	8.5096 E+04	2.5020 E+03
5.0196 E+02	1.5812 E+03	1.3098 E+03	- 1.7658 E+04	7.5227 E+04	1.3159 E+03	2.0364 E+02	1.0776 E+04	1.2669 E+04	4.6360 E+01	5.1040 E+02	5.0604 E+04	1.4302 E+04	8.1396 E+04	7.5477 E+03

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.0196 E+02	1.5267 E+03	1.2421 E+03	- 1.7658 E+04	6.8388 E+04	3.9510 E+03	2.0364 E+02	1.0361 E+04	2.8400 E+03	4.6360 E+01	4.7394 E+02	1.2831 E+05	1.4302 E+04	7.7696 E+04	1.2477 E+04
5.0196 E+02	1.4722 E+03	3.0656 E+03	- 1.7658 E+04	6.1549 E+04	1.2376 E+04	2.0364 E+02	9.9469 E+03	9.2327 E+03	4.6360 E+01	4.3748 E+02	1.5477 E+05	1.4302 E+04	7.3996 E+04	2.7507 E+04
5.0196 E+02	1.4177 E+03	3.9289 E+03	- 1.7658 E+04	5.4710 E+04	1.8576 E+04	2.0364 E+02	9.5325 E+03	1.8827 E+04	4.6360 E+01	4.0103 E+02	2.6758 E+05	1.4302 E+04	7.0297 E+04	4.8429 E+04
5.0196 E+02	1.3631 E+03	4.6072 E+03	- 1.7658 E+04	4.7872 E+04	3.7403 E+04	2.0364 E+02	9.1180 E+03	3.1935 E+04	4.6360 E+01	3.6457 E+02	3.4973 E+05	1.4302 E+04	6.6597 E+04	8.1413 E+04
5.0196 E+02	1.3086 E+03	8.9982 E+03	- 1.7658 E+04	4.1033 E+04	9.1306 E+04	2.0364 E+02	8.7035 E+03	3.9007 E+04	4.6360 E+01	3.2811 E+02	4.7606 E+05	1.4302 E+04	6.2897 E+04	1.0754 E+05
5.0196 E+02	1.2541 E+03	7.3997 E+03	- 1.7658 E+04	3.4194 E+04	2.5898 E+05	2.0364 E+02	8.2891 E+03	7.0982 E+04	4.6360 E+01	2.9166 E+02	7.7893 E+05	1.4302 E+04	5.9197 E+04	1.1151 E+05
5.0196 E+02	1.1996 E+03	1.2704 E+04	- 1.7658 E+04	2.7355 E+04	7.0537 E+05	2.0364 E+02	7.8746 E+03	6.4012 E+04	4.6360 E+01	2.5520 E+02	1.5631 E+06	1.4302 E+04	5.5497 E+04	1.2492 E+05
5.0196 E+02	1.1450 E+03	2.2930 E+04	- 1.7658 E+04	2.0516 E+04	1.4574 E+06	2.0364 E+02	7.4602 E+03	1.0856 E+05	4.6360 E+01	2.1874 E+02	3.2340 E+06	1.4302 E+04	5.1798 E+04	1.3266 E+05
5.0196 E+02	1.0905 E+03	3.2225 E+04	- 1.7658 E+04	1.3678 E+04	2.9800 E+06	2.0364 E+02	7.0457 E+03	1.2404 E+05	4.6360 E+01	1.8228 E+02	5.8644 E+06	1.4302 E+04	4.8098 E+04	1.1942 E+05
5.0196 E+02	1.0360 E+03	4.8146 E+04	- 1.7658 E+04	6.8388 E+03	4.8025 E+06	2.0364 E+02	6.6313 E+03	1.8052 E+05	4.6360 E+01	1.4583 E+02	1.1888 E+07	1.4302 E+04	4.4398 E+04	1.1423 E+05
5.0196 E+02	9.8146 E+02	6.2615 E+04	- 1.7658 E+04	0.0000 E+00	1.5301 E+07	2.0364 E+02	6.2168 E+03	2.7167 E+05	4.6360 E+01	1.0937 E+02	2.3932 E+07	1.4302 E+04	4.0698 E+04	1.4687 E+05
5.0196 E+02	9.2694 E+02	9.6833 E+04	- 2.5087 E+04	3.4194 E+05	1.6902 E+00	2.0364 E+02	5.8024 E+03	3.6833 E+05	4.6360 E+01	7.2914 E+01	5.5718 E+07	1.4302 E+04	3.6998 E+04	1.9944 E+05
5.0196 E+02	8.7241 E+02	1.6222 E+05	- 2.5087 E+04	3.3510 E+05	1.6902 E+00	2.0364 E+02	5.3879 E+03	3.9136 E+05	4.6360 E+01	3.6457 E+01	1.2302 E+08	1.4302 E+04	3.3298 E+04	3.4486 E+05
5.0196 E+02	8.1789 E+02	2.1447 E+05	- 2.5087 E+04	3.2142 E+05	1.6902 E+00	2.0364 E+02	4.9735 E+03	7.0896 E+05	4.6360 E+01	0.0000 E+00	1.6273 E+08	1.4302 E+04	2.9599 E+04	6.3333 E+05
5.0196 E+02	7.6336 E+02	2.9827 E+05	- 2.5087 E+04	3.1458 E+05	6.5105 E+00	2.0364 E+02	4.5590 E+03	9.1055 E+05	9.9033 E+00	1.5312 E+03	1.4257 E+00	1.4302 E+04	2.5899 E+04	1.0761 E+06
5.0196 E+02	7.0884 E+02	4.6680 E+05	- 2.5087 E+04	3.0091 E+05	1.1760 E+01	2.0364 E+02	4.1445 E+03	1.2629 E+06	9.9033 E+00	1.4947 E+03	1.9794 E+00	1.4302 E+04	2.2199 E+04	1.6385 E+06
5.0196 E+02	6.5431 E+02	6.5257 E+05	- 2.5087 E+04	2.9407 E+05	1.2190 E+01	2.0364 E+02	3.7301 E+03	1.6824 E+06	9.9033 E+00	1.4583 E+03	1.0607 E-01	1.4302 E+04	1.8499 E+04	2.4612 E+06
5.0196 E+02	5.9978 E+02	8.6276 E+05	- 2.5087 E+04	2.8723 E+05	3.5000 E+00	2.0364 E+02	3.3156 E+03	2.1669 E+06	9.9033 E+00	1.4218 E+03	1.3196 E+00	1.4302 E+04	1.4799 E+04	3.2430 E+06

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.0196 E+02	5.4526 E+02	1.2408 E+06	- 2.5087 E+04	2.8039 E+05	2.5701 E+01	2.0364 E+02	2.9012 E+03	3.1105 E+06	9.9033 E+00	1.3854 E+03	3.2659 E+00	1.4302 E+04	1.1099 E+04	3.6551 E+06
5.0196 E+02	4.9073 E+02	1.5665 E+06	- 2.5087 E+04	2.7355 E+05	5.2500 E+00	2.0364 E+02	2.4867 E+03	4.0360 E+06	9.9033 E+00	1.3489 E+03	4.0501 E-01	1.4302 E+04	7.3996 E+03	6.5602 E+06
5.0196 E+02	4.3621 E+02	2.0037 E+06	- 2.5087 E+04	2.6671 E+05	1.4046 E+01	2.0364 E+02	2.0723 E+03	4.8022 E+06	9.9033 E+00	1.3124 E+03	7.6845 E+00	1.4302 E+04	3.6998 E+03	1.8128 E+07
5.0196 E+02	3.8168 E+02	2.8166 E+06	- 2.5087 E+04	2.5987 E+05	3.5000 E+00	2.0364 E+02	1.6578 E+03	5.7176 E+06	9.9033 E+00	1.2760 E+03	1.3246 E+01	1.4302 E+04	0.0000 E+00	8.9013 E+07
5.0196 E+02	3.2715 E+02	3.3704 E+06	- 2.5087 E+04	2.3936 E+05	6.2500 E-01	2.0364 E+02	1.2434 E+03	6.3366 E+06	9.9033 E+00	1.2395 E+03	1.7739 E+01	1.0127 E+04	1.7019 E+05	6.2500 E-01
5.0196 E+02	2.7263 E+02	3.8087 E+06	- 2.5087 E+04	2.1884 E+05	6.2500 E-01	2.0364 E+02	8.2891 E+02	8.0748 E+06	9.9033 E+00	1.2031 E+03	1.2366 E+02	1.0127 E+04	1.5909 E+05	1.3196 E+00
5.0196 E+02	2.1810 E+02	3.7423 E+06	- 2.5087 E+04	2.1200 E+05	1.8750 E+00	2.0364 E+02	4.1445 E+02	2.1562 E+07	9.9033 E+00	1.1666 E+03	2.3936 E+01	1.0127 E+04	1.4429 E+05	6.3910 E-02
5.0196 E+02	1.6358 E+02	3.8889 E+06	- 2.5087 E+04	2.0516 E+05	6.2500 E-01	2.0364 E+02	0.0000 E+00	5.1516 E+07	9.9033 E+00	1.1302 E+03	6.4878 E+01	1.0127 E+04	1.4059 E+05	2.9050 E+00
5.0196 E+02	1.0905 E+02	5.4509 E+06	- 2.5087 E+04	1.9833 E+05	1.2500 E+00	- 3.3390 E+02	1.9065 E+04	2.7898 E+00	9.9033 E+00	1.0937 E+03	8.1701 E+01	1.0127 E+04	1.3689 E+05	2.6042 E+00
5.0196 E+02	5.4526 E+01	1.6189 E+07	- 2.5087 E+04	1.8465 E+05	6.2500 E-01	- 3.3390 E+02	1.8650 E+04	5.5795 E+00	9.9033 E+00	1.0573 E+03	4.7866 E+02	1.0127 E+04	1.3319 E+05	3.9082 E+00
5.0196 E+02	0.0000 E+00	2.5706 E+07	- 2.5087 E+04	1.7781 E+05	4.5833 E-02	- 3.3390 E+02	1.8236 E+04	1.0651 E+01	9.9033 E+00	1.0208 E+03	2.1505 E+02	1.0127 E+04	1.2949 E+05	5.2561 E+00
4.3781 E+02	2.3991 E+03	2.7898 E+00	- 2.5087 E+04	1.7097 E+05	4.5833 E-02	- 3.3390 E+02	1.7822 E+04	6.1925 E+01	9.9033 E+00	9.8434 E+02	8.3022 E+02	1.0127 E+04	1.2579 E+05	1.1712 E+02
4.3781 E+02	2.3446 E+03	3.4496 E+00	- 2.5087 E+04	1.5045 E+05	4.5833 E-02	- 3.3390 E+02	1.7407 E+04	2.7898 E+00	9.9033 E+00	9.4788 E+02	4.9327 E+02	1.0127 E+04	1.2209 E+05	2.2319 E+02
4.3781 E+02	2.2901 E+03	4.1733 E+00	- 2.5087 E+04	1.4361 E+05	1.5789 E+01	- 3.3390 E+02	1.6993 E+04	1.0651 E+01	9.9033 E+00	9.1142 E+02	6.8922 E+02	1.0127 E+04	1.1839 E+05	1.5555 E+02
4.3781 E+02	2.2356 E+03	3.5556 E+00	- 2.5087 E+04	1.3678 E+05	2.5917 E+00	- 3.3390 E+02	1.6578 E+04	1.1832 E+01	9.9033 E+00	8.7497 E+02	9.6724 E+02	1.0127 E+04	1.1469 E+05	1.4532 E+02
4.3781 E+02	2.1810 E+03	1.3196 E+00	- 2.5087 E+04	1.2994 E+05	4.1250 E-01	- 3.3390 E+02	1.6164 E+04	1.6908 E+02	9.9033 E+00	8.3851 E+02	1.1166 E+03	1.0127 E+04	1.1099 E+05	2.4035 E+02
4.3781 E+02	2.1265 E+03	1.0382 E+01	- 2.5087 E+04	1.2310 E+05	1.5717 E+01	- 3.3390 E+02	1.5749 E+04	7.6040 E+02	9.9033 E+00	8.0205 E+02	1.5654 E+03	1.0127 E+04	1.0729 E+05	2.8805 E+02
4.3781 E+02	2.0720 E+03	1.6022 E+01	- 2.5087 E+04	1.1626 E+05	4.6032 E+01	- 3.3390 E+02	1.5335 E+04	5.1269 E+02	9.9033 E+00	7.6560 E+02	2.6612 E+03	1.0127 E+04	1.0360 E+05	2.7357 E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.3781 E+02	2.0175 E+03	1.2101 E+02	- 2.5087 E+04	1.0942 E+05	1.4940 E+01	- 3.3390 E+02	1.4920 E+04	3.0748 E+03	9.9033 E+00	7.2914 E+02	3.6437 E+03	1.0127 E+04	9.9895 E+04	4.9129 E+02
4.3781 E+02	1.9629 E+03	3.6322 E+01	- 2.5087 E+04	1.0258 E+05	4.5039 E+01	- 3.3390 E+02	1.4506 E+04	2.3107 E+03	9.9033 E+00	6.9268 E+02	9.0405 E+03	1.0127 E+04	9.6195 E+04	2.7737 E+02
4.3781 E+02	1.9084 E+03	2.4873 E+02	- 2.5087 E+04	9.5743 E+04	4.9912 E+01	- 3.3390 E+02	1.4091 E+04	2.9650 E+03	9.9033 E+00	6.5622 E+02	1.6540 E+04	1.0127 E+04	9.2496 E+04	6.0743 E+02
4.3781 E+02	1.8539 E+03	9.7161 E+01	- 2.5087 E+04	8.8904 E+04	8.1277 E+02	- 3.3390 E+02	1.3677 E+04	4.5586 E+03	9.9033 E+00	6.1977 E+02	1.7992 E+04	1.0127 E+04	8.8796 E+04	1.9491 E+02
4.3781 E+02	1.7994 E+03	3.7845 E+02	- 2.5087 E+04	8.2066 E+04	5.1143 E+03	- 3.3390 E+02	1.3263 E+04	4.6575 E+03	9.9033 E+00	5.8331 E+02	5.5098 E+04	1.0127 E+04	8.5096 E+04	3.8831 E+03
4.3781 E+02	1.7448 E+03	1.7177 E+02	- 2.5087 E+04	7.5227 E+04	4.1441 E+03	- 3.3390 E+02	1.2848 E+04	1.6806 E+04	9.9033 E+00	5.4685 E+02	8.9372 E+04	1.0127 E+04	8.1396 E+04	8.8427 E+03
4.3781 E+02	1.6903 E+03	7.9190 E+02	- 2.5087 E+04	6.8388 E+04	1.4202 E+04	- 3.3390 E+02	1.2434 E+04	1.3684 E+04	9.9033 E+00	5.1040 E+02	1.8239 E+05	1.0127 E+04	7.7696 E+04	1.4899 E+04
4.3781 E+02	1.6358 E+03	2.7766 E+02	- 2.5087 E+04	6.1549 E+04	5.2081 E+03	- 3.3390 E+02	1.2019 E+04	2.4736 E+04	9.9033 E+00	4.7394 E+02	3.5647 E+05	1.0127 E+04	7.3996 E+04	3.8591 E+04
4.3781 E+02	1.5812 E+03	3.6883 E+03	- 2.5087 E+04	5.4710 E+04	2.4063 E+04	- 3.3390 E+02	1.1605 E+04	2.4908 E+04	9.9033 E+00	4.3748 E+02	5.4399 E+05	1.0127 E+04	7.0297 E+04	7.7625 E+04
4.3781 E+02	1.5267 E+03	1.1133 E+03	- 2.5087 E+04	4.7872 E+04	3.6064 E+04	- 3.3390 E+02	1.1190 E+04	3.9206 E+04	9.9033 E+00	4.0103 E+02	8.8251 E+05	1.0127 E+04	6.6597 E+04	9.6862 E+04
4.3781 E+02	1.4722 E+03	1.0267 E+03	- 2.5087 E+04	4.1033 E+04	1.1187 E+05	- 3.3390 E+02	1.0776 E+04	4.4101 E+04	9.9033 E+00	3.6457 E+02	1.3688 E+06	1.0127 E+04	6.2897 E+04	1.2598 E+05
4.3781 E+02	1.4177 E+03	3.8860 E+03	- 2.5087 E+04	3.4194 E+04	2.8941 E+05	- 3.3390 E+02	1.0361 E+04	3.9132 E+04	9.9033 E+00	3.2811 E+02	2.2704 E+06	1.0127 E+04	5.9197 E+04	1.9389 E+05
4.3781 E+02	1.3631 E+03	2.9877 E+03	- 2.5087 E+04	2.7355 E+04	8.7219 E+05	- 3.3390 E+02	9.9469 E+03	3.1193 E+04	9.9033 E+00	2.9166 E+02	3.9569 E+06	1.0127 E+04	5.5497 E+04	2.2775 E+05
4.3781 E+02	1.3086 E+03	5.2362 E+03	- 2.5087 E+04	2.0516 E+04	2.6241 E+06	- 3.3390 E+02	9.5325 E+03	3.1336 E+04	9.9033 E+00	2.5520 E+02	8.2987 E+06	1.0127 E+04	5.1798 E+04	2.1735 E+05
4.3781 E+02	1.2541 E+03	7.2255 E+03	- 2.5087 E+04	1.3678 E+04	5.1497 E+06	- 3.3390 E+02	9.1180 E+03	5.0584 E+04	9.9033 E+00	2.1874 E+02	1.5410 E+07	1.0127 E+04	4.8098 E+04	1.9557 E+05
4.3781 E+02	1.1996 E+03	1.0846 E+04	- 2.5087 E+04	6.8388 E+03	7.1975 E+06	- 3.3390 E+02	8.7035 E+03	9.3882 E+04	9.9033 E+00	1.8228 E+02	2.5683 E+07	1.0127 E+04	4.4398 E+04	1.2608 E+05
4.3781 E+02	1.1450 E+03	9.0298 E+03	- 2.5087 E+04	0.0000 E+00	2.5838 E+07	- 3.3390 E+02	8.2891 E+03	1.0376 E+05	9.9033 E+00	1.4583 E+02	4.5339 E+07	1.0127 E+04	4.0698 E+04	1.0905 E+05
4.3781 E+02	1.0905 E+03	1.9985 E+04	- 3.2516 E+04	3.1458 E+05	6.5105 E+00	- 3.3390 E+02	7.8746 E+03	1.1541 E+05	9.9033 E+00	1.0937 E+02	7.8925 E+07	1.0127 E+04	3.6998 E+04	1.3264 E+05

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.3781 E+02	1.0360 E+03	4.3198 E+04	- 3.2516 E+04	3.0091 E+05	1.7500 E+00	- 3.3390 E+02	7.4602 E+03	1.6762 E+05	9.9033 E+00	7.2914 E+01	1.5919 E+08	1.0127 E+04	3.3298 E+04	2.4554 E+05
4.3781 E+02	9.8146 E+02	3.2587 E+04	- 3.2516 E+04	2.9407 E+05	1.8461 E+01	- 3.3390 E+02	7.0457 E+03	1.9369 E+05	9.9033 E+00	3.6457 E+01	3.3365 E+08	1.0127 E+04	2.9599 E+04	4.0867 E+05
4.3781 E+02	9.2694 E+02	3.5919 E+04	- 3.2516 E+04	2.8723 E+05	3.4402 E+00	- 3.3390 E+02	6.6313 E+03	2.3576 E+05	9.9033 E+00	0.0000 E+00	6.7390 E+08	1.0127 E+04	2.5899 E+04	8.1311 E+05
4.3781 E+02	8.7241 E+02	4.6374 E+04	- 3.2516 E+04	2.8039 E+05	1.7500 E+00	- 3.3390 E+02	6.2168 E+03	3.2737 E+05	- 2.6554 E+01	1.6406 E+03	1.0607 E-01	1.0127 E+04	2.2199 E+04	1.4643 E+06
4.3781 E+02	8.1789 E+02	8.2736 E+04	- 3.2516 E+04	2.7355 E+05	7.0458 E+00	- 3.3390 E+02	5.8024 E+03	5.2651 E+05	- 2.6554 E+01	1.4583 E+03	6.5980 E-01	1.0127 E+04	1.8499 E+04	2.9600 E+06
4.3781 E+02	7.6336 E+02	1.0109 E+05	- 3.2516 E+04	2.6671 E+05	8.2605 E+00	- 3.3390 E+02	5.3879 E+03	6.3756 E+05	- 2.6554 E+01	1.4218 E+03	2.1215 E-01	1.0127 E+04	1.4799 E+04	4.9555 E+06
4.3781 E+02	7.0884 E+02	1.7135 E+05	- 3.2516 E+04	2.5987 E+05	5.1902 E+00	- 3.3390 E+02	4.9735 E+03	9.9573 E+05	- 2.6554 E+01	1.3489 E+03	1.0607 E-01	1.0127 E+04	1.1099 E+04	7.9841 E+06
4.3781 E+02	6.5431 E+02	2.5825 E+05	- 3.2516 E+04	2.5304 E+05	1.7500 E+00	- 3.3390 E+02	4.5590 E+03	1.1771 E+06	- 2.6554 E+01	1.3124 E+03	1.1996 E+01	1.0127 E+04	7.3996 E+03	1.1698 E+07
4.3781 E+02	5.9978 E+02	3.2157 E+05	- 3.2516 E+04	2.4620 E+05	4.1250 E+00	- 3.3390 E+02	4.1445 E+03	1.6486 E+06	- 2.6554 E+01	1.2760 E+03	6.5527 E+00	1.0127 E+04	3.6998 E+03	3.4995 E+07
4.3781 E+02	5.4526 E+02	5.7520 E+05	- 3.2516 E+04	2.3936 E+05	6.2500 E-01	- 3.3390 E+02	3.7301 E+03	2.2970 E+06	- 2.6554 E+01	1.2395 E+03	7.8694 E+00	1.0127 E+04	0.0000 E+00	1.5735 E+08
4.3781 E+02	4.9073 E+02	7.9780 E+05	- 3.2516 E+04	2.3252 E+05	4.5833 E-02	- 3.3390 E+02	3.3156 E+03	3.1175 E+06	- 2.6554 E+01	1.2031 E+03	3.0611 E+01	5.9514 E+03	1.5909 E+05	6.3910 E-02
4.3781 E+02	4.3621 E+02	1.1352 E+06	- 3.2516 E+04	2.2568 E+05	1.2500 E+00	- 3.3390 E+02	2.9012 E+03	3.7128 E+06	- 2.6554 E+01	1.1666 E+03	2.3523 E+02	5.9514 E+03	1.5539 E+05	7.5000 E+00
4.3781 E+02	3.8168 E+02	1.7759 E+06	- 3.2516 E+04	2.1200 E+05	6.7083 E-01	- 3.3390 E+02	2.4867 E+03	5.4087 E+06	- 2.6554 E+01	1.1302 E+03	3.2531 E+01	5.9514 E+03	1.4799 E+05	1.0607 E-01
4.3781 E+02	3.2715 E+02	2.6995 E+06	- 3.2516 E+04	2.0516 E+05	6.7083 E-01	- 3.3390 E+02	2.0723 E+03	6.6028 E+06	- 2.6554 E+01	1.0937 E+03	1.5750 E+02	5.9514 E+03	1.4059 E+05	2.6042 E+00
4.3781 E+02	2.7263 E+02	3.4236 E+06	- 3.2516 E+04	1.9833 E+05	1.2958 E+00	- 3.3390 E+02	1.6578 E+03	6.9662 E+06	- 2.6554 E+01	1.0573 E+03	5.6061 E+01	5.9514 E+03	1.3689 E+05	2.9074 E+00
4.3781 E+02	2.1810 E+02	4.9222 E+06	- 3.2516 E+04	1.9149 E+05	4.5833 E-02	- 3.3390 E+02	1.2434 E+03	6.9971 E+06	- 2.6554 E+01	1.0208 E+03	1.9141 E+02	5.9514 E+03	1.3319 E+05	1.0698 E+02
4.3781 E+02	1.6358 E+02	4.4258 E+06	- 3.2516 E+04	1.8465 E+05	7.3474 E-01	- 3.3390 E+02	8.2891 E+02	9.7489 E+06	- 2.6554 E+01	9.8434 E+02	1.1729 E+02	5.9514 E+03	1.2949 E+05	1.2770 E+00
4.3781 E+02	1.0905 E+02	5.8378 E+06	- 3.2516 E+04	1.7781 E+05	6.2500 E-01	- 3.3390 E+02	4.1445 E+02	2.3918 E+07	- 2.6554 E+01	9.4788 E+02	1.9120 E+02	5.9514 E+03	1.2579 E+05	5.3895 E+00

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.3781 E+02	5.4526 E+01	1.8036 E+07	- 3.2516 E+04	1.7097 E+05	1.3993 E-01	- 3.3390 E+02	0.0000 E+00	5.3658 E+07	- 2.6554 E+01	9.1142 E+02	2.4290 E+02	5.9514 E+03	1.2209 E+05	1.2386 E+01
4.3781 E+02	0.0000 E+00	3.1338 E+07	- 3.2516 E+04	1.6413 E+05	2.5000 E+00	- 8.7143 E+02	1.9479 E+04	1.0651 E+01	- 2.6554 E+01	8.7497 E+02	3.0987 E+02	5.9514 E+03	1.1839 E+05	1.5809 E+01
3.7365 E+02	2.4537 E+03	1.6902 E+00	- 3.2516 E+04	1.5729 E+05	2.5458 E+00	- 8.7143 E+02	1.9065 E+04	6.2500 E-01	- 2.6554 E+01	8.3851 E+02	4.1746 E+02	5.9514 E+03	1.1469 E+05	2.4689 E+01
3.7365 E+02	2.3991 E+03	6.5980 E-01	- 3.2516 E+04	1.5045 E+05	1.0917 E+02	- 8.7143 E+02	1.8650 E+04	2.9093 E+01	- 2.6554 E+01	8.0205 E+02	2.9302 E+02	5.9514 E+03	1.1099 E+05	1.4559 E+02
3.7365 E+02	2.3446 E+03	2.5019 E+00	- 3.2516 E+04	1.4361 E+05	2.8764 E+01	- 8.7143 E+02	1.7822 E+04	4.5833 E-02	- 2.6554 E+01	7.6560 E+02	1.6157 E+03	5.9514 E+03	1.0729 E+05	4.7227 E+02
3.7365 E+02	2.2901 E+03	7.6587 E-01	- 3.2516 E+04	1.3678 E+05	2.3470 E+01	- 8.7143 E+02	1.7407 E+04	1.0651 E+01	- 2.6554 E+01	7.2914 E+02	2.5714 E+03	5.9514 E+03	1.0360 E+05	5.3402 E+01
3.7365 E+02	2.2356 E+03	5.7996 E+00	- 3.2516 E+04	1.2994 E+05	1.8586 E+01	- 8.7143 E+02	1.6993 E+04	5.0722 E+01	- 2.6554 E+01	6.9268 E+02	1.1320 E+03	5.9514 E+03	9.9895 E+04	2.9470 E+02
3.7365 E+02	2.1810 E+03	6.6492 E+00	- 3.2516 E+04	1.2310 E+05	2.4952 E+01	- 8.7143 E+02	1.6578 E+04	7.2705 E+02	- 2.6554 E+01	6.5622 E+02	2.0237 E+03	5.9514 E+03	9.6195 E+04	3.9431 E+02
3.7365 E+02	2.1265 E+03	4.7344 E+00	- 3.2516 E+04	1.1626 E+05	1.1398 E+01	- 8.7143 E+02	1.6164 E+04	1.6113 E+02	- 2.6554 E+01	6.1977 E+02	6.3433 E+03	5.9514 E+03	9.2496 E+04	3.1754 E+02
3.7365 E+02	2.0720 E+03	1.4682 E+01	- 3.2516 E+04	1.0942 E+05	1.3198 E+01	- 8.7143 E+02	1.5749 E+04	1.2755 E+02	- 2.6554 E+01	5.8331 E+02	1.0931 E+04	5.9514 E+03	8.8796 E+04	3.4425 E+02
3.7365 E+02	2.0175 E+03	3.0377 E+01	- 3.2516 E+04	1.0258 E+05	1.1869 E+03	- 8.7143 E+02	1.5335 E+04	2.0287 E+03	- 2.6554 E+01	5.4685 E+02	2.0521 E+04	5.9514 E+03	8.5096 E+04	2.5471 E+02
3.7365 E+02	1.9629 E+03	6.7009 E+01	- 3.2516 E+04	9.5743 E+04	2.2597 E+01	- 8.7143 E+02	1.4920 E+04	6.9791 E+02	- 2.6554 E+01	5.1040 E+02	4.0765 E+04	5.9514 E+03	8.1396 E+04	1.4122 E+02
3.7365 E+02	1.9084 E+03	4.1968 E+01	- 3.2516 E+04	8.8904 E+04	1.7972 E+03	- 8.7143 E+02	1.4506 E+04	3.7484 E+03	- 2.6554 E+01	4.7394 E+02	2.5223 E+04	5.9514 E+03	7.7696 E+04	2.3088 E+03
3.7365 E+02	1.8539 E+03	1.5289 E+02	- 3.2516 E+04	8.2066 E+04	1.2039 E+03	- 8.7143 E+02	1.4091 E+04	8.6952 E+03	- 2.6554 E+01	4.3748 E+02	6.2148 E+04	5.9514 E+03	7.3996 E+04	3.0555 E+03
3.7365 E+02	1.7994 E+03	7.9203 E+01	- 3.2516 E+04	7.5227 E+04	6.7894 E+03	- 8.7143 E+02	1.3677 E+04	8.7682 E+03	- 2.6554 E+01	4.0103 E+02	1.0287 E+05	5.9514 E+03	7.0297 E+04	2.3436 E+03
3.7365 E+02	1.7448 E+03	1.0129 E+02	- 3.2516 E+04	6.8388 E+04	1.5307 E+04	- 8.7143 E+02	1.3263 E+04	1.4002 E+04	- 2.6554 E+01	3.6457 E+02	1.4646 E+05	5.9514 E+03	6.6597 E+04	7.6051 E+03
3.7365 E+02	1.6903 E+03	3.2670 E+02	- 3.2516 E+04	6.1549 E+04	2.0811 E+04	- 8.7143 E+02	1.2848 E+04	1.4868 E+04	- 2.6554 E+01	3.2811 E+02	1.7482 E+05	5.9514 E+03	6.2897 E+04	1.2507 E+04
3.7365 E+02	1.6358 E+03	1.2970 E+02	- 3.2516 E+04	5.4710 E+04	4.2104 E+04	- 8.7143 E+02	1.2434 E+04	4.2926 E+04	- 2.6554 E+01	2.9166 E+02	4.0467 E+05	5.9514 E+03	5.9197 E+04	3.1883 E+04

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&SRIE



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.7365 E+02	1.5812 E+03	5.6976 E+02	- 3.2516 E+04	4.7872 E+04	9.6587 E+04	- 8.7143 E+02	1.2019 E+04	3.0028 E+04	- 2.6554 E+01	2.5520 E+02	5.1198 E+05	5.9514 E+03	5.5497 E+04	4.4586 E+04
3.7365 E+02	1.5267 E+03	5.1169 E+02	- 3.2516 E+04	4.1033 E+04	1.4222 E+05	- 8.7143 E+02	1.1605 E+04	5.4850 E+04	- 2.6554 E+01	2.1874 E+02	1.0465 E+06	5.9514 E+03	5.1798 E+04	4.5422 E+04
3.7365 E+02	1.4722 E+03	1.9821 E+03	- 3.2516 E+04	3.4194 E+04	2.8439 E+05	- 8.7143 E+02	1.1190 E+04	6.1768 E+04	- 2.6554 E+01	1.8228 E+02	2.0889 E+06	5.9514 E+03	4.8098 E+04	4.7531 E+04
3.7365 E+02	1.4177 E+03	9.2048 E+02	- 3.2516 E+04	2.7355 E+04	7.6806 E+05	- 8.7143 E+02	1.0776 E+04	7.4619 E+04	- 2.6554 E+01	1.4583 E+02	4.1406 E+06	5.9514 E+03	4.4398 E+04	4.6074 E+04
3.7365 E+02	1.3631 E+03	2.0322 E+03	- 3.2516 E+04	2.0516 E+04	2.2715 E+06	- 8.7143 E+02	1.0361 E+04	8.5192 E+04	- 2.6554 E+01	1.0937 E+02	1.0610 E+07	5.9514 E+03	4.0698 E+04	4.6137 E+04
3.7365 E+02	1.3086 E+03	3.1621 E+03	- 3.2516 E+04	1.3678 E+04	6.0626 E+06	- 8.7143 E+02	9.9469 E+03	8.7228 E+04	- 2.6554 E+01	7.2914 E+01	2.9075 E+07	5.9514 E+03	3.6998 E+04	6.4975 E+04
3.7365 E+02	1.2541 E+03	1.9899 E+03	- 3.2516 E+04	6.8388 E+03	8.7897 E+06	- 8.7143 E+02	9.5325 E+03	1.1234 E+05	- 2.6554 E+01	3.6457 E+01	8.4920 E+07	5.9514 E+03	3.3298 E+04	1.1407 E+05
3.7365 E+02	1.1996 E+03	7.8142 E+03	- 3.2516 E+04	0.0000 E+00	2.8026 E+07	- 8.7143 E+02	9.1180 E+03	8.6187 E+04	- 2.6554 E+01	0.0000 E+00	2.3747 E+08	5.9514 E+03	2.9599 E+04	2.5920 E+05
3.7365 E+02	1.1450 E+03	7.9147 E+03	- 3.9945 E+04	3.0775 E+05	1.6902 E+00	- 8.7143 E+02	8.7035 E+03	9.4781 E+04	- 6.3011 E+01	1.4218 E+03	6.5980 E-01	5.9514 E+03	2.5899 E+04	5.1933 E+05
3.7365 E+02	1.0905 E+03	8.3303 E+03	- 3.9945 E+04	3.0091 E+05	1.6902 E+00	- 8.7143 E+02	8.2891 E+03	5.5032 E+04	- 6.3011 E+01	1.3489 E+03	1.0607 E-01	5.9514 E+03	2.2199 E+04	1.2334 E+06
3.7365 E+02	1.0360 E+03	1.5121 E+04	- 3.9945 E+04	2.9407 E+05	1.7500 E+00	- 8.7143 E+02	7.8746 E+03	1.5866 E+05	- 6.3011 E+01	1.3124 E+03	1.0779 E+01	5.9514 E+03	1.8499 E+04	3.3027 E+06
3.7365 E+02	9.8146 E+02	1.5145 E+04	- 3.9945 E+04	2.8723 E+05	9.8909 E+00	- 8.7143 E+02	7.4602 E+03	1.8210 E+05	- 6.3011 E+01	1.2760 E+03	6.4734 E+00	5.9514 E+03	1.4799 E+04	6.7680 E+06
3.7365 E+02	9.2694 E+02	2.6137 E+04	- 3.9945 E+04	2.8039 E+05	1.9782 E+01	- 8.7143 E+02	7.0457 E+03	2.5237 E+05	- 6.3011 E+01	1.2395 E+03	1.4621 E+00	5.9514 E+03	1.1099 E+04	1.2574 E+07
3.7365 E+02	8.7241 E+02	2.3189 E+04	- 3.9945 E+04	2.7355 E+05	1.6461 E+01	- 8.7143 E+02	6.6313 E+03	2.7407 E+05	- 6.3011 E+01	1.2031 E+03	7.5192 E+00	5.9514 E+03	7.3996 E+03	1.9446 E+07
3.7365 E+02	8.1789 E+02	3.5645 E+04	- 3.9945 E+04	2.5987 E+05	1.7958 E+00	- 8.7143 E+02	6.2168 E+03	4.5693 E+05	- 6.3011 E+01	1.1666 E+03	3.8196 E+00	5.9514 E+03	3.6998 E+03	4.0745 E+07
3.7365 E+02	7.6336 E+02	5.4909 E+04	- 3.9945 E+04	2.5304 E+05	3.4860 E+00	- 8.7143 E+02	5.8024 E+03	5.6201 E+05	- 6.3011 E+01	1.1302 E+03	4.6743 E+00	5.9514 E+03	0.0000 E+00	1.6383 E+08
3.7365 E+02	7.0884 E+02	6.4869 E+04	- 3.9945 E+04	2.3936 E+05	4.5833 E-02	- 8.7143 E+02	5.3879 E+03	6.9484 E+05	- 6.3011 E+01	1.0937 E+03	6.4522 E+00	1.7758 E+03	1.7019 E+05	5.0000 E+00
3.7365 E+02	6.5431 E+02	7.9091 E+04	- 3.9945 E+04	2.1884 E+05	2.3716 E+00	- 8.7143 E+02	4.9735 E+03	1.0430 E+06	- 6.3011 E+01	1.0573 E+03	7.2276 E+00	1.7758 E+03	1.6279 E+05	2.5000 E+00

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.7365 E+02	5.9978 E+02	1.0615 E+05	- 3.9945 E+04	2.0516 E+05	6.7083 E-01	- 8.7143 E+02	4.5590 E+03	1.4966 E+06	- 6.3011 E+01	1.0208 E+03	1.6607 E+01	1.7758 E+03	1.4799 E+05	5.0000 E+00
3.7365 E+02	5.4526 E+02	1.7769 E+05	- 3.9945 E+04	1.9833 E+05	1.9411 E+01	- 8.7143 E+02	4.1445 E+03	1.6531 E+06	- 6.3011 E+01	9.8434 E+02	8.5263 E+00	1.7758 E+03	1.4429 E+05	2.5000 E+00
3.7365 E+02	4.9073 E+02	3.4658 E+05	- 3.9945 E+04	1.9149 E+05	7.6250 E-01	- 8.7143 E+02	3.7301 E+03	2.1422 E+06	- 6.3011 E+01	9.4788 E+02	2.6483 E+01	1.7758 E+03	1.4059 E+05	3.1790 E+00
3.7365 E+02	4.3621 E+02	5.5401 E+05	- 3.9945 E+04	1.8465 E+05	4.8418 E+00	- 8.7143 E+02	3.3156 E+03	3.2254 E+06	- 6.3011 E+01	9.1142 E+02	1.9380 E+01	1.7758 E+03	1.3689 E+05	2.5192 E+00
3.7365 E+02	3.8168 E+02	1.0074 E+06	- 3.9945 E+04	1.7781 E+05	1.3350 E+01	- 8.7143 E+02	2.9012 E+03	3.9147 E+06	- 6.3011 E+01	8.7497 E+02	4.2977 E+01	1.7758 E+03	1.3319 E+05	1.2500 E+00
3.7365 E+02	3.2715 E+02	1.7375 E+06	- 3.9945 E+04	1.7097 E+05	7.3107 E-01	- 8.7143 E+02	2.4867 E+03	4.8195 E+06	- 6.3011 E+01	8.3851 E+02	2.5342 E+02	1.7758 E+03	1.2949 E+05	1.0607 E-01
3.7365 E+02	2.7263 E+02	2.9837 E+06	- 3.9945 E+04	1.6413 E+05	4.3188 E+00	- 8.7143 E+02	2.0723 E+03	5.0705 E+06	- 6.3011 E+01	8.0205 E+02	2.7511 E+02	1.7758 E+03	1.2579 E+05	3.1622 E+00
3.7365 E+02	2.1810 E+02	4.8308 E+06	- 3.9945 E+04	1.5729 E+05	1.4762 E+01	- 8.7143 E+02	1.6578 E+03	5.6274 E+06	- 6.3011 E+01	7.6560 E+02	2.9473 E+02	1.7758 E+03	1.2209 E+05	5.0842 E+00
3.7365 E+02	1.6358 E+02	5.6109 E+06	- 3.9945 E+04	1.5045 E+05	1.3561 E+00	- 8.7143 E+02	1.2434 E+03	5.7579 E+06	- 6.3011 E+01	7.2914 E+02	3.4820 E+02	1.7758 E+03	1.1839 E+05	1.2766 E+01
3.7365 E+02	1.0905 E+02	7.2664 E+06	- 3.9945 E+04	1.4361 E+05	3.4144 E+00	- 8.7143 E+02	8.2891 E+02	7.5977 E+06	- 6.3011 E+01	6.9268 E+02	3.3205 E+02	1.7758 E+03	1.1469 E+05	5.7365 E+00
3.7365 E+02	5.4526 E+01	2.1874 E+07	- 3.9945 E+04	1.3678 E+05	1.0997 E+02	- 8.7143 E+02	4.1445 E+02	1.9551 E+07	- 6.3011 E+01	6.5622 E+02	2.9933 E+02	1.7758 E+03	1.1099 E+05	2.2743 E+02
3.7365 E+02	0.0000 E+00	3.9994 E+07	- 3.9945 E+04	1.2994 E+05	3.6765 E+00	- 8.7143 E+02	0.0000 E+00	4.2400 E+07	- 6.3011 E+01	6.1977 E+02	1.1620 E+03	1.7758 E+03	1.0729 E+05	2.6374 E+01
3.0950 E+02	2.3991 E+03	1.0607 E-01	- 3.9945 E+04	1.2310 E+05	1.2035 E+02	- 1.4090 E+03	1.7822 E+04	2.8356 E+00	- 6.3011 E+01	5.8331 E+02	9.7620 E+02	1.7758 E+03	1.0360 E+05	1.6749 E+01
3.0950 E+02	2.3446 E+03	4.0501 E-01	- 3.9945 E+04	1.1626 E+05	3.8068 E+01	- 1.4090 E+03	1.7407 E+04	9.5965 E+01	- 6.3011 E+01	5.4685 E+02	1.4360 E+03	1.7758 E+03	9.9895 E+04	1.2819 E+01
3.0950 E+02	2.2901 E+03	3.7854 E+00	- 3.9945 E+04	1.0942 E+05	1.6482 E+02	- 1.4090 E+03	1.6993 E+04	6.2851 E+00	- 6.3011 E+01	5.1040 E+02	1.6058 E+03	1.7758 E+03	9.6195 E+04	6.6695 E+01
3.0950 E+02	2.2356 E+03	1.9023 E+00	- 3.9945 E+04	1.0258 E+05	8.1954 E+01	- 1.4090 E+03	1.6578 E+04	7.0000 E+02	- 6.3011 E+01	4.7394 E+02	2.0940 E+03	1.7758 E+03	9.2496 E+04	4.0269 E+01
3.0950 E+02	2.1810 E+03	1.4063 E+01	- 3.9945 E+04	9.5743 E+04	1.7277 E+03	- 1.4090 E+03	1.6164 E+04	1.0369 E+03	- 6.3011 E+01	4.3748 E+02	2.3157 E+03	1.7758 E+03	8.8796 E+04	3.5031 E+02
3.0950 E+02	2.1265 E+03	1.3791 E+01	- 3.9945 E+04	8.8904 E+04	5.4473 E+03	- 1.4090 E+03	1.5749 E+04	1.4118 E+03	- 6.3011 E+01	4.0103 E+02	3.4484 E+03	1.7758 E+03	8.5096 E+04	5.9745 E+02

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.0950 E+02	2.0720 E+03	1.1628 E+01	- 3.9945 E+04	8.2066 E+04	6.1176 E+03	- 1.4090 E+03	1.5335 E+04	2.5427 E+03	- 6.3011 E+01	3.6457 E+02	3.4221 E+03	1.7758 E+03	8.1396 E+04	3.0283 E+02
3.0950 E+02	2.0175 E+03	1.6307 E+01	- 3.9945 E+04	7.5227 E+04	7.1468 E+03	- 1.4090 E+03	1.4920 E+04	3.0857 E+03	- 6.3011 E+01	3.2811 E+02	4.1450 E+03	1.7758 E+03	7.7696 E+04	3.0345 E+02
3.0950 E+02	1.9629 E+03	1.1958 E+01	- 3.9945 E+04	6.8388 E+04	2.3073 E+03	- 1.4090 E+03	1.4506 E+04	2.7606 E+03	- 6.3011 E+01	2.9166 E+02	7.4878 E+03	1.7758 E+03	7.3996 E+04	4.2936 E+03
3.0950 E+02	1.9084 E+03	1.9464 E+01	- 3.9945 E+04	6.1549 E+04	2.1807 E+04	- 1.4090 E+03	1.4091 E+04	4.6874 E+03	- 6.3011 E+01	2.5520 E+02	1.1812 E+04	1.7758 E+03	7.0297 E+04	9.4076 E+01
3.0950 E+02	1.8539 E+03	3.7732 E+01	- 3.9945 E+04	5.4710 E+04	1.6676 E+04	- 1.4090 E+03	1.3677 E+04	1.0557 E+04	- 6.3011 E+01	2.1874 E+02	3.9362 E+04	1.7758 E+03	6.6597 E+04	1.8708 E+02
3.0950 E+02	1.7994 E+03	6.8535 E+02	- 3.9945 E+04	4.7872 E+04	2.8793 E+04	- 1.4090 E+03	1.3263 E+04	1.3000 E+04	- 6.3011 E+01	1.8228 E+02	7.7053 E+04	1.7758 E+03	6.2897 E+04	2.6603 E+03
3.0950 E+02	1.7448 E+03	1.3137 E+02	- 3.9945 E+04	4.1033 E+04	9.5182 E+04	- 1.4090 E+03	1.2848 E+04	1.0688 E+04	- 6.3011 E+01	1.4583 E+02	2.3956 E+05	1.7758 E+03	5.9197 E+04	5.7893 E+03
3.0950 E+02	1.6903 E+03	1.9059 E+02	- 3.9945 E+04	3.4194 E+04	3.0415 E+05	- 1.4090 E+03	1.2434 E+04	1.7091 E+04	- 6.3011 E+01	1.0937 E+02	8.6795 E+05	1.7758 E+03	5.5497 E+04	1.7641 E+03
3.0950 E+02	1.6358 E+03	7.2883 E+02	- 3.9945 E+04	2.7355 E+04	7.2559 E+05	- 1.4090 E+03	1.2019 E+04	2.5705 E+04	- 6.3011 E+01	7.2914 E+01	3.6293 E+06	1.7758 E+03	5.1798 E+04	4.0027 E+03
3.0950 E+02	1.5812 E+03	7.2308 E+01	- 3.9945 E+04	2.0516 E+04	1.7910 E+06	- 1.4090 E+03	1.1605 E+04	2.1663 E+04	- 6.3011 E+01	3.6457 E+01	1.2573 E+07	1.7758 E+03	4.8098 E+04	1.7100 E+04
3.0950 E+02	1.5267 E+03	1.6844 E+02	- 3.9945 E+04	1.3678 E+04	4.7171 E+06	- 1.4090 E+03	1.1190 E+04	4.6664 E+04	- 6.3011 E+01	0.0000 E+00	3.0344 E+07	1.7758 E+03	4.4398 E+04	9.2718 E+03
3.0950 E+02	1.4722 E+03	5.1189 E+02	- 3.9945 E+04	6.8388 E+03	7.3639 E+06	- 1.4090 E+03	1.0776 E+04	6.2013 E+04	- 9.9468 E+01	1.3489 E+03	2.1215 E-01	1.7758 E+03	4.0698 E+04	5.2043 E+04
3.0950 E+02	1.4177 E+03	1.7397 E+03	- 3.9945 E+04	0.0000 E+00	2.5060 E+07	- 1.4090 E+03	1.0361 E+04	6.0772 E+04	- 9.9468 E+01	1.1666 E+03	6.2500 E-01	1.7758 E+03	3.6998 E+04	8.2594 E+04
3.0950 E+02	1.3631 E+03	3.2453 E+02	- 4.7374 E+04	3.0775 E+05	1.6902 E+00	- 1.4090 E+03	9.9469 E+03	1.0069 E+05	- 9.9468 E+01	1.0937 E+03	1.3196 E+00	1.7758 E+03	3.3298 E+04	1.6430 E+05
3.0950 E+02	1.3086 E+03	4.8932 E+03	- 4.7374 E+04	3.0091 E+05	1.6902 E+00	- 1.4090 E+03	9.5325 E+03	1.5360 E+05	- 9.9468 E+01	1.0573 E+03	1.4350 E+00	1.7758 E+03	2.9599 E+04	2.9040 E+05
3.0950 E+02	1.2541 E+03	3.5075 E+03	- 4.7374 E+04	2.9407 E+05	1.6902 E+00	- 1.4090 E+03	9.1180 E+03	1.3123 E+05	- 9.9468 E+01	1.0208 E+03	2.4397 E+00	1.7758 E+03	2.5899 E+04	5.9785 E+05
3.0950 E+02	1.1996 E+03	3.9497 E+03	- 4.7374 E+04	2.8723 E+05	9.8909 E+00	- 1.4090 E+03	8.7035 E+03	1.4841 E+05	- 9.9468 E+01	9.8434 E+02	2.6042 E+00	1.7758 E+03	2.2199 E+04	1.7156 E+06
3.0950 E+02	1.1450 E+03	6.5592 E+03	- 4.7374 E+04	2.8039 E+05	8.2007 E+00	- 1.4090 E+03	8.2891 E+03	2.0964 E+05	- 9.9468 E+01	9.1142 E+02	8.8672 E+00	1.7758 E+03	1.8499 E+04	4.0279 E+06

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.0950 E+02	1.0905 E+03	7.2605 E+03	- 4.7374 E+04	2.7355 E+05	1.4711 E+01	- 1.4090 E+03	7.8746 E+03	2.0889 E+05	- 9.9468 E+01	8.7497 E+02	4.5323 E+00	1.7758 E+03	1.4799 E+04	8.4916 E+06
3.0950 E+02	1.0360 E+03	8.3455 E+03	- 4.7374 E+04	2.6671 E+05	1.1641 E+01	- 1.4090 E+03	7.4602 E+03	2.6253 E+05	- 9.9468 E+01	8.3851 E+02	2.0512 E+01	1.7758 E+03	1.1099 E+04	1.6077 E+07
3.0950 E+02	9.8146 E+02	9.6623 E+03	- 4.7374 E+04	2.5987 E+05	6.5563 E+00	- 1.4090 E+03	7.0457 E+03	3.1535 E+05	- 9.9468 E+01	8.0205 E+02	5.0696 E+00	1.7758 E+03	7.3996 E+03	3.1205 E+07
3.0950 E+02	9.2694 E+02	9.7233 E+03	- 4.7374 E+04	2.5304 E+05	1.0261 E+01	- 1.4090 E+03	6.6313 E+03	4.4741 E+05	- 9.9468 E+01	7.6560 E+02	1.6102 E+01	1.7758 E+03	3.6998 E+03	6.0087 E+07
3.0950 E+02	8.7241 E+02	1.0318 E+04	- 4.7374 E+04	2.2568 E+05	3.5000 E+00	- 1.4090 E+03	6.2168 E+03	4.9116 E+05	- 9.9468 E+01	7.2914 E+02	2.2699 E+02	1.7758 E+03	0.0000 E+00	1.8114 E+08
3.0950 E+02	8.1789 E+02	1.2400 E+04	- 4.7374 E+04	2.1884 E+05	2.5978 E+01	- 1.4090 E+03	5.8024 E+03	6.3156 E+05	- 9.9468 E+01	6.9268 E+02	2.6281 E+02	- 2.3997 E+03	1.7759 E+05	2.5000 E+00
3.0950 E+02	7.6336 E+02	4.0212 E+04	- 4.7374 E+04	2.1200 E+05	2.5276 E+01	- 1.4090 E+03	5.3879 E+03	9.0237 E+05	- 9.9468 E+01	6.5622 E+02	3.7841 E+01	- 2.3997 E+03	1.5539 E+05	2.5000 E+00
3.0950 E+02	7.0884 E+02	3.1772 E+04	- 4.7374 E+04	2.0516 E+05	1.4441 E+01	- 1.4090 E+03	4.9735 E+03	9.9927 E+05	- 9.9468 E+01	6.1977 E+02	4.6894 E+02	- 2.3997 E+03	1.5169 E+05	2.5000 E+00
3.0950 E+02	6.5431 E+02	1.8718 E+04	- 4.7374 E+04	1.9833 E+05	2.9638 E-01	- 1.4090 E+03	4.5590 E+03	1.4692 E+06	- 9.9468 E+01	5.8331 E+02	1.2529 E+02	- 2.3997 E+03	1.4799 E+05	2.5000 E+00
3.0950 E+02	5.9978 E+02	6.8787 E+04	- 4.7374 E+04	1.9149 E+05	1.9175 E+00	- 1.4090 E+03	4.1445 E+03	1.7488 E+06	- 9.9468 E+01	5.4685 E+02	1.1373 E+02	- 2.3997 E+03	1.3689 E+05	1.0483 E+02
3.0950 E+02	5.4526 E+02	8.6223 E+04	- 4.7374 E+04	1.8465 E+05	2.2076 E+01	- 1.4090 E+03	3.7301 E+03	2.6228 E+06	- 9.9468 E+01	5.1040 E+02	3.4726 E+02	- 2.3997 E+03	1.3319 E+05	1.0933 E+02
3.0950 E+02	4.9073 E+02	9.8149 E+04	- 4.7374 E+04	1.7781 E+05	1.9799 E+00	- 1.4090 E+03	3.3156 E+03	2.9937 E+06	- 9.9468 E+01	4.7394 E+02	8.7749 E+02	- 2.3997 E+03	1.2579 E+05	6.3910 E-02
3.0950 E+02	4.3621 E+02	1.9895 E+05	- 4.7374 E+04	1.7097 E+05	1.4292 E+01	- 1.4090 E+03	2.9012 E+03	3.6700 E+06	- 9.9468 E+01	4.3748 E+02	5.5769 E+02	- 2.3997 E+03	1.2209 E+05	6.2500 E-01
3.0950 E+02	3.8168 E+02	4.4565 E+05	- 4.7374 E+04	1.6413 E+05	1.5412 E+00	- 1.4090 E+03	2.4867 E+03	4.0762 E+06	- 9.9468 E+01	4.0103 E+02	3.3079 E+02	- 2.3997 E+03	1.1839 E+05	2.5000 E+00
3.0950 E+02	3.2715 E+02	9.7351 E+05	- 4.7374 E+04	1.5729 E+05	4.6205 E+00	- 1.4090 E+03	2.0723 E+03	4.1361 E+06	- 9.9468 E+01	3.6457 E+02	6.3574 E+02	- 2.3997 E+03	1.1469 E+05	1.0677 E+02
3.0950 E+02	2.7263 E+02	1.8856 E+06	- 4.7374 E+04	1.5045 E+05	1.0802 E+02	- 1.4090 E+03	1.6578 E+03	4.2504 E+06	- 9.9468 E+01	3.2811 E+02	7.6896 E+02	- 2.3997 E+03	1.1099 E+05	1.0475 E+02
3.0950 E+02	2.1810 E+02	3.3427 E+06	- 4.7374 E+04	1.4361 E+05	7.5465 E+00	- 1.4090 E+03	1.2434 E+03	4.3214 E+06	- 9.9468 E+01	2.9166 E+02	1.9183 E+03	- 2.3997 E+03	1.0729 E+05	7.7533 E+00
3.0950 E+02	1.6358 E+02	4.6317 E+06	- 4.7374 E+04	1.3678 E+05	2.3801 E+01	- 1.4090 E+03	8.2891 E+02	6.2573 E+06	- 9.9468 E+01	2.5520 E+02	2.9997 E+03	- 2.3997 E+03	1.0360 E+05	2.0987 E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.0950 E+02	1.0905 E+02	6.8898 E+06	- 4.7374 E+04	1.2994 E+05	2.4379 E+01	- 1.4090 E+03	4.1445 E+02	1.6507 E+07	- 9.9468 E+01	2.1874 E+02	6.4288 E+03	- 2.3997 E+03	9.9895 E+04	1.6185 E+01
3.0950 E+02	5.4526 E+01	2.1813 E+07	- 4.7374 E+04	1.2310 E+05	6.3059 E+01	- 1.4090 E+03	0.0000 E+00	3.4171 E+07	- 9.9468 E+01	1.8228 E+02	1.9249 E+04	- 2.3997 E+03	9.6195 E+04	1.9809 E+01
3.0950 E+02	0.0000 E+00	4.6953 E+07	- 4.7374 E+04	1.1626 E+05	2.6451 E+02	- 1.9465 E+03	1.8236 E+04	4.5833 E-02	- 9.9468 E+01	1.4583 E+02	8.6673 E+04	- 2.3997 E+03	9.2496 E+04	1.1239 E+02
2.4534 E+02	2.4537 E+03	1.7360 E+00	- 4.7374 E+04	1.0942 E+05	2.1003 E+02	- 1.9465 E+03	1.7822 E+04	6.3245 E+01	- 9.9468 E+01	1.0937 E+02	3.8422 E+05	- 2.3997 E+03	8.8796 E+04	2.4393 E+03
2.4534 E+02	2.3991 E+03	4.5833 E-02	- 4.7374 E+04	1.0258 E+05	3.5584 E+03	- 1.9465 E+03	1.7407 E+04	1.2385 E+02	- 9.9468 E+01	7.2914 E+01	1.3624 E+06	- 2.3997 E+03	8.5096 E+04	1.0885 E+03
2.4534 E+02	2.3446 E+03	4.5833 E-02	- 4.7374 E+04	9.5743 E+04	1.5558 E+03	- 1.9465 E+03	1.6578 E+04	1.2066 E+02	- 9.9468 E+01	3.6457 E+01	3.7755 E+06	- 2.3997 E+03	8.1396 E+04	3.3167 E+03
2.4534 E+02	2.2901 E+03	3.3804 E+00	- 4.7374 E+04	8.8904 E+04	2.7088 E+03	- 1.9465 E+03	1.6164 E+04	3.7850 E+02	- 9.9468 E+01	0.0000 E+00	7.1855 E+06	- 2.3997 E+03	7.7696 E+04	1.0913 E+03
2.4534 E+02	2.2356 E+03	8.2007 E+00	- 4.7374 E+04	8.2066 E+04	2.8767 E+03	- 1.9465 E+03	1.5749 E+04	2.0531 E+02	- 1.3592 E+02	1.0573 E+03	2.1215 E-01	- 2.3997 E+03	7.3996 E+04	5.1791 E+01
2.4534 E+02	2.1810 E+03	1.6902 E+00	- 4.7374 E+04	7.5227 E+04	3.6495 E+03	- 1.9465 E+03	1.5335 E+04	9.7672 E+02	- 1.3592 E+02	1.0208 E+03	1.3196 E+00	- 2.3997 E+03	7.0297 E+04	7.8744 E+03
2.4534 E+02	2.1265 E+03	1.3755 E+01	- 4.7374 E+04	6.8388 E+04	7.7786 E+03	- 1.9465 E+03	1.4920 E+04	6.7914 E+02	- 1.3592 E+02	9.8434 E+02	5.0000 E+00	- 2.3997 E+03	6.6597 E+04	2.7100 E+03
2.4534 E+02	2.0720 E+03	1.0484 E+01	- 4.7374 E+04	6.1549 E+04	1.3997 E+04	- 1.9465 E+03	1.4506 E+04	1.4087 E+03	- 1.3592 E+02	8.7497 E+02	5.2122 E+00	- 2.3997 E+03	6.2897 E+04	3.6102 E+03
2.4534 E+02	2.0175 E+03	1.3497 E+01	- 4.7374 E+04	5.4710 E+04	1.7639 E+04	- 1.9465 E+03	1.4091 E+04	1.7690 E+03	- 1.3592 E+02	8.3851 E+02	3.0230 E-02	- 2.3997 E+03	5.9197 E+04	6.5191 E+03
2.4534 E+02	1.9629 E+03	1.3380 E+01	- 4.7374 E+04	4.7872 E+04	2.4754 E+04	- 1.9465 E+03	1.3677 E+04	1.1849 E+03	- 1.3592 E+02	8.0205 E+02	2.4624 E+01	- 2.3997 E+03	5.5497 E+04	1.0927 E+04
2.4534 E+02	1.9084 E+03	1.4528 E+01	- 4.7374 E+04	4.1033 E+04	6.2460 E+04	- 1.9465 E+03	1.3263 E+04	4.1816 E+03	- 1.3592 E+02	7.6560 E+02	1.0077 E+01	- 2.3997 E+03	5.1798 E+04	6.4786 E+03
2.4534 E+02	1.8539 E+03	4.8945 E+00	- 4.7374 E+04	3.4194 E+04	1.6443 E+05	- 1.9465 E+03	1.2848 E+04	4.2726 E+03	- 1.3592 E+02	7.2914 E+02	5.0000 E+00	- 2.3997 E+03	4.8098 E+04	1.1864 E+04
2.4534 E+02	1.7994 E+03	1.9688 E+01	- 4.7374 E+04	2.7355 E+04	5.1789 E+05	- 1.9465 E+03	1.2434 E+04	6.8436 E+03	- 1.3592 E+02	6.9268 E+02	2.1768 E+02	- 2.3997 E+03	4.4398 E+04	4.1638 E+04
2.4534 E+02	1.7448 E+03	5.6941 E+00	- 4.7374 E+04	2.0516 E+04	1.5351 E+06	- 1.9465 E+03	1.2019 E+04	1.2221 E+04	- 1.3592 E+02	6.5622 E+02	5.0384 E+00	- 2.3997 E+03	4.0698 E+04	7.4496 E+04
2.4534 E+02	1.6903 E+03	6.3422 E+02	- 4.7374 E+04	1.3678 E+04	2.7118 E+06	- 1.9465 E+03	1.1605 E+04	1.1348 E+04	- 1.3592 E+02	6.1977 E+02	1.6474 E+01	- 2.3997 E+03	3.6998 E+04	7.4332 E+04

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.4534 E+02	1.6358 E+03	1.2210 E+02	- 4.7374 E+04	6.8388 E+03	4.3116 E+06	- 1.9465 E+03	1.1190 E+04	1.7115 E+04	- 1.3592 E+02	5.8331 E+02	2.5240 E+01	- 2.3997 E+03	3.3298 E+04	7.6987 E+04
2.4534 E+02	1.5812 E+03	2.4568 E+01	- 4.7374 E+04	0.0000 E+00	1.7470 E+07	- 1.9465 E+03	1.0776 E+04	1.8821 E+04	- 1.3592 E+02	5.4685 E+02	2.3605 E+01	- 2.3997 E+03	2.9599 E+04	1.6118 E+05
2.4534 E+02	1.5267 E+03	6.4062 E+02	- 5.4803 E+04	3.1458 E+05	1.6902 E+00	- 1.9465 E+03	1.0361 E+04	4.2257 E+04	- 1.3592 E+02	5.1040 E+02	1.1895 E+01	- 2.3997 E+03	2.5899 E+04	2.6751 E+05
2.4534 E+02	1.4722 E+03	2.7081 E+01	- 5.4803 E+04	2.9407 E+05	1.6902 E+00	- 1.9465 E+03	9.9469 E+03	6.5529 E+04	- 1.3592 E+02	4.7394 E+02	2.3578 E+02	- 2.3997 E+03	2.2199 E+04	3.9687 E+05
2.4534 E+02	1.4177 E+03	2.4485 E+01	- 5.4803 E+04	2.8039 E+05	4.5833 E-02	- 1.9465 E+03	9.5325 E+03	8.5964 E+04	- 1.3592 E+02	4.3748 E+02	1.4814 E+02	- 2.3997 E+03	1.8499 E+04	5.3706 E+05
2.4534 E+02	1.3631 E+03	1.4111 E+03	- 5.4803 E+04	2.7355 E+05	3.3804 E+00	- 1.9465 E+03	9.1180 E+03	1.2568 E+05	- 1.3592 E+02	4.0103 E+02	7.1460 E+01	- 2.3997 E+03	1.4799 E+04	1.0620 E+06
2.4534 E+02	1.3086 E+03	2.5087 E+02	- 5.4803 E+04	2.6671 E+05	1.6902 E+00	- 1.9465 E+03	8.7035 E+03	1.8030 E+05	- 1.3592 E+02	3.6457 E+02	7.4683 E+01	- 2.3997 E+03	1.1099 E+04	2.6499 E+06
2.4534 E+02	1.2541 E+03	6.8714 E+02	- 5.4803 E+04	2.5987 E+05	8.2007 E+00	- 1.9465 E+03	8.2891 E+03	1.9828 E+05	- 1.3592 E+02	3.2811 E+02	7.8496 E+01	- 2.3997 E+03	7.3996 E+03	1.1134 E+07
2.4534 E+02	1.1996 E+03	4.1754 E+01	- 5.4803 E+04	2.5304 E+05	4.5833 E-02	- 1.9465 E+03	7.8746 E+03	2.8926 E+05	- 1.3592 E+02	2.9166 E+02	4.7600 E+02	- 2.3997 E+03	3.6998 E+03	4.0077 E+07
2.4534 E+02	1.1450 E+03	1.4745 E+02	- 5.4803 E+04	2.4620 E+05	6.5105 E+00	- 1.9465 E+03	7.4602 E+03	2.8368 E+05	- 1.3592 E+02	2.5520 E+02	5.2372 E+02	- 2.3997 E+03	0.0000 E+00	1.3346 E+08
2.4534 E+02	1.0905 E+03	1.5199 E+02	- 5.4803 E+04	2.3252 E+05	1.0942 E+01	- 1.9465 E+03	7.0457 E+03	4.5401 E+05	- 1.3592 E+02	2.1874 E+02	1.1311 E+03	- 6.5753 E+03	1.7019 E+05	2.5000 E+00
2.4534 E+02	1.0360 E+03	1.5154 E+03	- 5.4803 E+04	2.2568 E+05	2.1516 E+01	- 1.9465 E+03	6.6313 E+03	5.4101 E+05	- 1.3592 E+02	1.8228 E+02	7.0680 E+03	- 6.5753 E+03	1.6279 E+05	2.5000 E+00
2.4534 E+02	9.8146 E+02	1.2132 E+03	- 5.4803 E+04	2.1884 E+05	1.4941 E+01	- 1.9465 E+03	6.2168 E+03	5.8963 E+05	- 1.3592 E+02	1.4583 E+02	2.6643 E+04	- 6.5753 E+03	1.3689 E+05	6.2500 E-01
2.4534 E+02	9.2694 E+02	2.8353 E+03	- 5.4803 E+04	2.0516 E+05	1.2244 E+01	- 1.9465 E+03	5.8024 E+03	6.9292 E+05	- 1.3592 E+02	1.0937 E+02	1.2985 E+05	- 6.5753 E+03	1.2579 E+05	6.3910 E-02
2.4534 E+02	8.7241 E+02	3.7875 E+03	- 5.4803 E+04	1.9833 E+05	3.4626 E+01	- 1.9465 E+03	5.3879 E+03	9.9764 E+05	- 1.3592 E+02	7.2914 E+01	6.0013 E+05	- 6.5753 E+03	1.1839 E+05	1.1063 E+01
2.4534 E+02	8.1789 E+02	4.3905 E+03	- 5.4803 E+04	1.9149 E+05	1.8023 E+01	- 1.9465 E+03	4.9735 E+03	1.3088 E+06	- 1.3592 E+02	3.6457 E+01	1.7215 E+06	- 6.5753 E+03	1.1469 E+05	9.4097 E-02
2.4534 E+02	7.6336 E+02	5.4278 E+03	- 5.4803 E+04	1.8465 E+05	1.7651 E+01	- 1.9465 E+03	4.5590 E+03	1.5132 E+06	- 1.3592 E+02	0.0000 E+00	2.2209 E+06	- 6.5753 E+03	1.1099 E+05	2.5483 E+00
2.4534 E+02	7.0884 E+02	1.3797 E+04	- 5.4803 E+04	1.7781 E+05	1.4644 E+00	- 1.9465 E+03	4.1445 E+03	1.8762 E+06	- 1.7238 E+02	9.1142 E+02	2.1215 E-01	- 6.5753 E+03	1.0729 E+05	7.6250 E-01

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.4534 E+02	6.5431 E+02	1.2729 E+04	- 5.4803 E+04	1.7097 E+05	1.8832 E+01	- 1.9465 E+03	3.7301 E+03	2.4351 E+06	- 1.7238 E+02	8.3851 E+02	4.2430 E-01	- 6.5753 E+03	1.0360 E+05	1.1537 E+00
2.4534 E+02	5.9978 E+02	2.6711 E+04	- 5.4803 E+04	1.6413 E+05	2.9343 E+00	- 1.9465 E+03	3.3156 E+03	2.9546 E+06	- 1.7238 E+02	8.0205 E+02	1.0222 E+00	- 6.5753 E+03	9.9895 E+04	2.0125 E+00
2.4534 E+02	5.4526 E+02	5.4051 E+04	- 5.4803 E+04	1.5729 E+05	1.9036 E+01	- 1.9465 E+03	2.9012 E+03	3.1717 E+06	- 1.7238 E+02	7.6560 E+02	6.3196 E+00	- 6.5753 E+03	9.6195 E+04	6.2052 E+00
2.4534 E+02	4.9073 E+02	1.2666 E+05	- 5.4803 E+04	1.5045 E+05	1.1086 E+02	- 1.9465 E+03	2.4867 E+03	3.4558 E+06	- 1.7238 E+02	6.9268 E+02	1.0038 E+01	- 6.5753 E+03	9.2496 E+04	1.5701 E+01
2.4534 E+02	4.3621 E+02	2.2343 E+05	- 5.4803 E+04	1.4361 E+05	3.1409 E+01	- 1.9465 E+03	2.0723 E+03	3.4242 E+06	- 1.7238 E+02	6.5622 E+02	1.3196 E+00	- 6.5753 E+03	8.8796 E+04	1.4484 E+00
2.4534 E+02	3.8168 E+02	5.0213 E+05	- 5.4803 E+04	1.3678 E+05	4.4096 E+01	- 1.9465 E+03	1.6578 E+03	3.3310 E+06	- 1.7238 E+02	6.1977 E+02	7.7122 E+00	- 6.5753 E+03	8.5096 E+04	1.0673 E+03
2.4534 E+02	3.2715 E+02	1.0494 E+06	- 5.4803 E+04	1.2994 E+05	6.1414 E+01	- 1.9465 E+03	1.2434 E+03	3.4874 E+06	- 1.7238 E+02	5.8331 E+02	1.2500 E+00	- 6.5753 E+03	8.1396 E+04	2.0163 E+01
2.4534 E+02	2.7263 E+02	2.0497 E+06	- 5.4803 E+04	1.2310 E+05	1.1061 E+02	- 1.9465 E+03	8.2891 E+02	5.7865 E+06	- 1.7238 E+02	5.4685 E+02	5.0917 E+00	- 6.5753 E+03	7.7696 E+04	1.2864 E+03
2.4534 E+02	2.1810 E+02	4.4503 E+06	- 5.4803 E+04	1.1626 E+05	8.6701 E+02	- 1.9465 E+03	4.1445 E+02	1.3512 E+07	- 1.7238 E+02	4.7394 E+02	1.2109 E+01	- 6.5753 E+03	7.3996 E+04	2.2590 E+02
2.4534 E+02	1.6358 E+02	8.1335 E+06	- 5.4803 E+04	1.0942 E+05	1.1202 E+03	- 1.9465 E+03	0.0000 E+00	2.6956 E+07	- 1.7238 E+02	4.3748 E+02	1.1466 E+01	- 6.5753 E+03	7.0297 E+04	4.6084 E+02
2.4534 E+02	1.0905 E+02	1.2063 E+07	- 5.4803 E+04	1.0258 E+05	9.7401 E+02	- 2.4840 E+03	1.9065 E+04	7.0563 E-01	- 1.7238 E+02	4.0103 E+02	5.4939 E+00	- 6.5753 E+03	6.6597 E+04	4.9427 E+02
2.4534 E+02	5.4526 E+01	2.9431 E+07	- 5.4803 E+04	9.5743 E+04	1.3382 E+03	- 2.4840 E+03	1.8236 E+04	1.1455 E+01	- 1.7238 E+02	3.6457 E+02	3.6503 E+01	- 6.5753 E+03	6.2897 E+04	3.6841 E+03
2.4534 E+02	0.0000 E+00	6.7008 E+07	- 5.4803 E+04	8.8904 E+04	3.3371 E+03	- 2.4840 E+03	1.7822 E+04	4.3118 E+01	- 1.7238 E+02	3.2811 E+02	6.1856 E+01	- 6.5753 E+03	5.9197 E+04	6.3716 E+01
1.8119 E+02	2.5082 E+03	1.6902 E+00	- 5.4803 E+04	8.2066 E+04	1.5245 E+04	- 2.4840 E+03	1.7407 E+04	5.8043 E+00	- 1.7238 E+02	2.9166 E+02	4.2415 E+01	- 6.5753 E+03	5.5497 E+04	5.5240 E+02
1.8119 E+02	2.3991 E+03	5.0706 E+00	- 5.4803 E+04	7.5227 E+04	1.2149 E+04	- 2.4840 E+03	1.6993 E+04	8.7195 E-01	- 1.7238 E+02	2.5520 E+02	4.9277 E+02	- 6.5753 E+03	5.1798 E+04	1.4822 E+03
1.8119 E+02	2.3446 E+03	1.6902 E+00	- 5.4803 E+04	6.8388 E+04	1.1308 E+04	- 2.4840 E+03	1.6578 E+04	1.0543 E+02	- 1.7238 E+02	2.1874 E+02	1.2778 E+02	- 6.5753 E+03	4.8098 E+04	2.1635 E+03
1.8119 E+02	2.2901 E+03	8.2605 E+00	- 5.4803 E+04	6.1549 E+04	2.0048 E+04	- 2.4840 E+03	1.6164 E+04	1.8780 E+02	- 1.7238 E+02	1.8228 E+02	1.0992 E+03	- 6.5753 E+03	4.4398 E+04	1.6898 E+03
1.8119 E+02	2.2356 E+03	1.6902 E+00	- 5.4803 E+04	5.4710 E+04	2.0954 E+04	- 2.4840 E+03	1.5749 E+04	8.3362 E+02	- 1.7238 E+02	1.4583 E+02	2.9758 E+03	- 6.5753 E+03	4.0698 E+04	1.4961 E+03

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.8119 E+02	2.1265 E+03	1.2190 E+01	- 5.4803 E+04	4.7872 E+04	5.2279 E+04	- 2.4840 E+03	1.5335 E+04	1.2743 E+02	- 1.7238 E+02	1.0937 E+02	1.9067 E+04	- 6.5753 E+03	3.6998 E+04	2.1733 E+03
1.8119 E+02	2.0720 E+03	1.3437 E+01	- 5.4803 E+04	4.1033 E+04	1.1162 E+05	- 2.4840 E+03	1.4920 E+04	4.6074 E+02	- 1.7238 E+02	7.2914 E+01	1.3280 E+05	- 6.5753 E+03	3.3298 E+04	7.4594 E+02
1.8119 E+02	2.0175 E+03	1.2250 E+01	- 5.4803 E+04	3.4194 E+04	2.1302 E+05	- 2.4840 E+03	1.4506 E+04	4.6713 E+01	- 1.7238 E+02	3.6457 E+01	4.9204 E+05	- 6.5753 E+03	2.9599 E+04	8.8901 E+02
1.8119 E+02	1.9629 E+03	1.4625 E+01	- 5.4803 E+04	2.7355 E+04	6.2561 E+05	- 2.4840 E+03	1.4091 E+04	7.7950 E+02	- 1.7238 E+02	0.0000 E+00	7.5928 E+05	- 6.5753 E+03	2.5899 E+04	1.6375 E+03
1.8119 E+02	1.9084 E+03	1.2556 E+01	- 5.4803 E+04	2.0516 E+04	1.5907 E+06	- 2.4840 E+03	1.3677 E+04	1.5244 E+03	- 2.0884 E+02	4.7394 E+02	1.6743 E+00	- 6.5753 E+03	2.2199 E+04	1.5863 E+03
1.8119 E+02	1.7994 E+03	3.7688 E+00	- 5.4803 E+04	1.3678 E+04	3.2335 E+06	- 2.4840 E+03	1.3263 E+04	1.3492 E+02	- 2.0884 E+02	4.3748 E+02	3.5000 E+00	- 6.5753 E+03	1.8499 E+04	3.9400 E+03
1.8119 E+02	1.7448 E+03	4.5833 E-02	- 5.4803 E+04	6.8388 E+03	3.5497 E+06	- 2.4840 E+03	1.2848 E+04	1.5421 E+03	- 2.0884 E+02	4.0103 E+02	7.6974 E+00	- 6.5753 E+03	1.4799 E+04	2.3713 E+03
1.8119 E+02	1.6903 E+03	2.6042 E+00	- 5.4803 E+04	0.0000 E+00	1.4239 E+07	- 2.4840 E+03	1.2434 E+04	8.8311 E+02	- 2.0884 E+02	3.6457 E+02	1.2851 E+01	- 6.5753 E+03	1.1099 E+04	1.2432 E+04
1.8119 E+02	1.5812 E+03	2.7169 E+00	- 6.2232 E+04	3.0091 E+05	3.3804 E+00	- 2.4840 E+03	1.2019 E+04	1.2431 E+03	- 2.0884 E+02	3.2811 E+02	2.9822 E+01	- 6.5753 E+03	7.3996 E+03	5.0286 E+04
1.8119 E+02	1.5267 E+03	9.1407 E+00	- 6.2232 E+04	2.9407 E+05	3.3804 E+00	- 2.4840 E+03	1.1605 E+04	5.4324 E+02	- 2.0884 E+02	2.9166 E+02	9.5049 E+00	- 6.5753 E+03	3.6998 E+03	4.6415 E+05
1.8119 E+02	1.4722 E+03	9.1667 E-02	- 6.2232 E+04	2.8723 E+05	3.3804 E+00	- 2.4840 E+03	1.1190 E+04	4.8497 E+03	- 2.0884 E+02	2.5520 E+02	2.2941 E+02	- 6.5753 E+03	0.0000 E+00	4.7784 E+06
1.8119 E+02	1.4177 E+03	1.1944 E+02	- 6.2232 E+04	2.8039 E+05	1.6902 E+00	- 2.4840 E+03	1.0776 E+04	1.0921 E+04	- 2.0884 E+02	2.1874 E+02	4.3793 E+02	- 1.0751 E+04	1.3689 E+05	6.2500 E-01
1.8119 E+02	1.3631 E+03	1.0872 E+02	- 6.2232 E+04	2.6671 E+05	5.0706 E+00	- 2.4840 E+03	1.0361 E+04	1.3360 E+04	- 2.0884 E+02	1.8228 E+02	2.8955 E+02	- 1.0751 E+04	1.3319 E+05	6.2500 E-01
1.8119 E+02	1.3086 E+03	3.5748 E+01	- 6.2232 E+04	2.5304 E+05	3.3804 E+00	- 2.4840 E+03	9.9469 E+03	1.3082 E+04	- 2.0884 E+02	1.4583 E+02	5.2623 E+02	- 1.0751 E+04	1.2949 E+05	1.2500 E+00
1.8119 E+02	1.2541 E+03	3.0515 E+01	- 6.2232 E+04	2.4620 E+05	5.7035 E+00	- 2.4840 E+03	9.5325 E+03	2.3685 E+04	- 2.0884 E+02	1.0937 E+02	4.0391 E+03	- 1.0751 E+04	1.1099 E+05	6.3910 E-02
1.8119 E+02	1.1996 E+03	6.6884 E+01	- 6.2232 E+04	2.3936 E+05	1.6902 E+00	- 2.4840 E+03	9.1180 E+03	3.9362 E+04	- 2.0884 E+02	7.2914 E+01	2.0331 E+04	- 1.0751 E+04	1.0729 E+05	6.0635 E+00
1.8119 E+02	1.1450 E+03	2.2517 E+02	- 6.2232 E+04	2.3252 E+05	1.8542 E+01	- 2.4840 E+03	8.7035 E+03	7.9858 E+04	- 2.0884 E+02	3.6457 E+01	1.0349 E+05	- 1.0751 E+04	1.0360 E+05	6.7083 E-01
1.8119 E+02	1.0905 E+03	4.3826 E+01	- 6.2232 E+04	2.2568 E+05	1.7958 E+00	- 2.4840 E+03	8.2891 E+03	8.9741 E+04	- 2.0884 E+02	0.0000 E+00	1.9464 E+05	- 1.0751 E+04	9.6195 E+04	5.7040 E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.8119 E+02	1.0360 E+03	1.1674 E+02	- 6.2232 E+04	2.1884 E+05	9.1920 E+00	- 2.4840 E+03	7.8746 E+03	1.5540 E+05	- 2.4530 E+02	4.3748 E+02	1.2500 E+00	- 1.0751 E+04	9.2496 E+04	4.5833 E-02
1.8119 E+02	9.8146 E+02	9.7590 E+01	- 6.2232 E+04	2.1200 E+05	3.0829 E+01	- 2.4840 E+03	7.4602 E+03	2.2156 E+05	- 2.4530 E+02	4.0103 E+02	5.0302 E+00	- 1.0751 E+04	8.8796 E+04	1.1417 E+02
1.8119 E+02	9.2694 E+02	5.8655 E+02	- 6.2232 E+04	2.0516 E+05	2.4780 E+01	- 2.4840 E+03	7.0457 E+03	3.4132 E+05	- 2.4530 E+02	3.6457 E+02	7.8163 E+00	- 1.0751 E+04	8.5096 E+04	1.0668 E+02
1.8119 E+02	8.7241 E+02	2.0237 E+03	- 6.2232 E+04	1.9833 E+05	8.5865 E+00	- 2.4840 E+03	6.6313 E+03	4.4206 E+05	- 2.4530 E+02	3.2811 E+02	1.0000 E+01	- 1.0751 E+04	8.1396 E+04	1.1109 E+01
1.8119 E+02	8.1789 E+02	3.4811 E+02	- 6.2232 E+04	1.9149 E+05	1.6483 E+00	- 2.4840 E+03	6.2168 E+03	5.5324 E+05	- 2.4530 E+02	2.9166 E+02	1.8333 E-01	- 1.0751 E+04	7.7696 E+04	2.0525 E+01
1.8119 E+02	7.6336 E+02	3.0273 E+03	- 6.2232 E+04	1.8465 E+05	4.4225 E+01	- 2.4840 E+03	5.8024 E+03	8.4818 E+05	- 2.4530 E+02	2.5520 E+02	1.1206 E+01	- 1.0751 E+04	7.3996 E+04	1.1063 E+02
1.8119 E+02	7.0884 E+02	1.2561 E+04	- 6.2232 E+04	1.7781 E+05	9.1778 E-01	- 2.4840 E+03	5.3879 E+03	8.4282 E+05	- 2.4530 E+02	2.1874 E+02	2.2456 E+01	- 1.0751 E+04	7.0297 E+04	2.2297 E+02
1.8119 E+02	6.5431 E+02	2.1088 E+04	- 6.2232 E+04	1.7097 E+05	1.0917 E+02	- 2.4840 E+03	4.9735 E+03	1.2639 E+06	- 2.4530 E+02	1.8228 E+02	4.2867 E+01	- 1.0751 E+04	6.6597 E+04	3.1239 E+01
1.8119 E+02	5.9978 E+02	3.2566 E+04	- 6.2232 E+04	1.6413 E+05	3.4284 E+00	- 2.4840 E+03	4.5590 E+03	1.5697 E+06	- 2.4530 E+02	1.4583 E+02	4.1863 E+01	- 1.0751 E+04	6.2897 E+04	2.1498 E+01
1.8119 E+02	5.4526 E+02	6.0845 E+04	- 6.2232 E+04	1.5729 E+05	1.1425 E+02	- 2.4840 E+03	4.1445 E+03	1.8877 E+06	- 2.4530 E+02	1.0937 E+02	3.2036 E+02	- 1.0751 E+04	5.9197 E+04	5.8754 E+01
1.8119 E+02	4.9073 E+02	1.1768 E+05	- 6.2232 E+04	1.5045 E+05	1.1325 E+02	- 2.4840 E+03	3.7301 E+03	2.3469 E+06	- 2.4530 E+02	7.2914 E+01	6.4670 E+03	- 1.0751 E+04	5.5497 E+04	4.5357 E+02
1.8119 E+02	4.3621 E+02	2.9344 E+05	- 6.2232 E+04	1.4361 E+05	7.3058 E+02	- 2.4840 E+03	3.3156 E+03	2.8065 E+06	- 2.4530 E+02	3.6457 E+01	3.8180 E+03	- 1.0751 E+04	5.1798 E+04	1.2898 E+03
1.8119 E+02	3.8168 E+02	5.4823 E+05	- 6.2232 E+04	1.3678 E+05	2.0848 E+02	- 2.4840 E+03	2.9012 E+03	3.0516 E+06	- 2.4530 E+02	0.0000 E+00	4.1182 E+04	- 1.0751 E+04	4.8098 E+04	6.9129 E+02
1.8119 E+02	3.2715 E+02	1.1255 E+06	- 6.2232 E+04	1.2994 E+05	5.8196 E+02	- 2.4840 E+03	2.4867 E+03	3.0218 E+06	- 2.8175 E+02	9.1142 E+02	1.3196 E+00	- 1.0751 E+04	4.4398 E+04	2.9018 E+02
1.8119 E+02	2.7263 E+02	2.6058 E+06	- 6.2232 E+04	1.2310 E+05	4.4983 E+02	- 2.4840 E+03	2.0723 E+03	2.7630 E+06	- 2.8175 E+02	3.6457 E+02	5.0000 E+00	- 1.0751 E+04	4.0698 E+04	8.9668 E+02
1.8119 E+02	2.1810 E+02	5.3301 E+06	- 6.2232 E+04	1.1626 E+05	5.3944 E+02	- 2.4840 E+03	1.6578 E+03	3.0041 E+06	- 2.8175 E+02	3.2811 E+02	9.1667 E-02	- 1.0751 E+04	3.6998 E+04	3.8077 E+02
1.8119 E+02	1.6358 E+02	8.7053 E+06	- 6.2232 E+04	1.0942 E+05	3.1328 E+02	- 2.4840 E+03	1.2434 E+03	3.2516 E+06	- 2.8175 E+02	2.9166 E+02	5.0000 E+00	- 1.0751 E+04	3.3298 E+04	5.0534 E+02
1.8119 E+02	1.0905 E+02	1.2652 E+07	- 6.2232 E+04	1.0258 E+05	3.3859 E+03	- 2.4840 E+03	8.2891 E+02	4.8860 E+06	- 2.8175 E+02	2.5520 E+02	9.1667 E-02	- 1.0751 E+04	2.9599 E+04	1.1523 E+03

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.8119 E+02	5.4526 E+01	3.1353 E+07	- 6.2232 E+04	9.5743 E+04	1.4066 E+03	- 2.4840 E+03	4.1445 E+02	1.1401 E+07	- 2.8175 E+02	2.1874 E+02	1.3847 E+01	- 1.0751 E+04	2.5899 E+04	4.3995 E+02
1.8119 E+02	0.0000 E+00	7.1695 E+07	- 6.2232 E+04	8.8904 E+04	2.4030 E+03	- 2.4840 E+03	0.0000 E+00	2.1715 E+07	- 2.8175 E+02	1.8228 E+02	3.9724 E+01	- 1.0751 E+04	2.2199 E+04	5.9898 E+02
1.1704 E+02	2.4537 E+03	1.6902 E+00	- 6.2232 E+04	8.2066 E+04	3.2015 E+03	- 3.0216 E+03	1.9065 E+04	2.7898 E+00	- 2.8175 E+02	1.4583 E+02	3.7750 E+01	- 1.0751 E+04	1.8499 E+04	1.5726 E+03
1.1704 E+02	2.2901 E+03	1.6902 E+00	- 6.2232 E+04	7.5227 E+04	1.0223 E+04	- 3.0216 E+03	1.8236 E+04	2.1215 E-01	- 2.8175 E+02	1.0937 E+02	3.3719 E+01	- 1.0751 E+04	1.4799 E+04	1.1192 E+03
1.1704 E+02	2.2356 E+03	4.1569 E+00	- 6.2232 E+04	6.8388 E+04	1.5461 E+04	- 3.0216 E+03	1.7407 E+04	4.5175 E+01	- 2.8175 E+02	7.2914 E+01	3.0672 E+02	- 1.0751 E+04	1.1099 E+04	2.6031 E+03
1.1704 E+02	2.1810 E+03	1.5081 E+01	- 6.2232 E+04	6.1549 E+04	2.4627 E+04	- 3.0216 E+03	1.6993 E+04	1.1311 E+01	- 2.8175 E+02	3.6457 E+01	1.5982 E+03	- 1.0751 E+04	7.3996 E+03	1.0360 E+04
1.1704 E+02	2.1265 E+03	5.2500 E+00	- 6.2232 E+04	5.4710 E+04	4.8062 E+04	- 3.0216 E+03	1.6578 E+04	3.8388 E+00	- 2.8175 E+02	0.0000 E+00	1.0431 E+04	- 1.0751 E+04	3.6998 E+03	1.7953 E+05
1.1704 E+02	2.0720 E+03	1.1760 E+01	- 6.2232 E+04	4.7872 E+04	4.7599 E+04	- 3.0216 E+03	1.6164 E+04	1.3830 E+00	- 3.1821 E+02	2.5520 E+02	2.0833 E+02	- 1.0751 E+04	0.0000 E+00	1.9626 E+06
1.1704 E+02	2.0175 E+03	6.9402 E+00	- 6.2232 E+04	4.1033 E+04	1.4634 E+05	- 3.0216 E+03	1.5749 E+04	2.9700 E+00	- 3.1821 E+02	2.1874 E+02	5.0000 E+00	- 1.4926 E+04	8.8796 E+04	5.0000 E+00
1.1704 E+02	1.9629 E+03	1.3257 E+01	- 6.2232 E+04	3.4194 E+04	3.4515 E+05	- 3.0216 E+03	1.5335 E+04	1.2094 E+02	- 3.1821 E+02	1.8228 E+02	3.9695 E+00	- 1.4926 E+04	8.5096 E+04	6.2500 E-01
1.1704 E+02	1.9084 E+03	1.0194 E+01	- 6.2232 E+04	2.7355 E+04	9.3455 E+05	- 3.0216 E+03	1.4920 E+04	9.0750 E+00	- 3.1821 E+02	1.4583 E+02	2.0968 E+02	- 1.4926 E+04	8.1396 E+04	6.8595 E-01
1.1704 E+02	1.8539 E+03	6.0917 E+00	- 6.2232 E+04	2.0516 E+04	2.2728 E+06	- 3.0216 E+03	1.4506 E+04	1.5809 E+02	- 3.1821 E+02	1.0937 E+02	2.0369 E+01	- 1.4926 E+04	7.7696 E+04	6.2500 E-01
1.1704 E+02	1.7994 E+03	1.7958 E+00	- 6.2232 E+04	1.3678 E+04	4.2370 E+06	- 3.0216 E+03	1.4091 E+04	7.0892 E+02	- 3.1821 E+02	7.2914 E+01	2.2146 E+02	- 1.4926 E+04	7.3996 E+04	1.2782 E-01
1.1704 E+02	1.7448 E+03	9.1667 E-02	- 6.2232 E+04	6.8388 E+03	5.5090 E+06	- 3.0216 E+03	1.3677 E+04	1.0780 E+02	- 3.1821 E+02	3.6457 E+01	2.6501 E+02	- 1.4926 E+04	7.0297 E+04	6.2500 E+00
1.1704 E+02	1.6903 E+03	1.8476 E+01	- 6.2232 E+04	0.0000 E+00	1.5742 E+07	- 3.0216 E+03	1.3263 E+04	2.5598 E+01	- 3.1821 E+02	0.0000 E+00	3.3972 E+03	- 1.4926 E+04	6.6597 E+04	7.5024 E+00
1.1704 E+02	1.6358 E+03	1.9695 E+00	- 6.9662 E+04	2.8039 E+05	1.6902 E+00	- 3.0216 E+03	1.2848 E+04	2.2078 E+01	- 3.5467 E+02	2.1874 E+02	1.2500 E+00	- 1.4926 E+04	6.2897 E+04	2.0857 E+02
1.1704 E+02	1.5812 E+03	1.7958 E+00	- 6.9662 E+04	2.6671 E+05	1.6902 E+00	- 3.0216 E+03	1.2434 E+04	3.4541 E+02	- 3.5467 E+02	1.8228 E+02	1.2500 E+00	- 1.4926 E+04	5.9197 E+04	3.9147 E+00
1.1704 E+02	1.5267 E+03	1.8613 E+01	- 6.9662 E+04	2.5304 E+05	4.5833 E-02	- 3.0216 E+03	1.2019 E+04	1.0823 E+03	- 3.5467 E+02	1.4583 E+02	1.2500 E+00	- 1.4926 E+04	5.5497 E+04	2.1889 E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.1704 E+02	1.4722 E+03	4.2944 E+00	- 6.9662 E+04	2.3252 E+05	3.0516 E+00	- 3.0216 E+03	1.1605 E+04	7.7946 E+01	- 3.5467 E+02	1.0937 E+02	7.5000 E+00	- 1.4926 E+04	5.1798 E+04	3.9498 E+01
1.1704 E+02	1.4177 E+03	4.2999 E+00	- 6.9662 E+04	2.2568 E+05	3.0516 E+00	- 3.0216 E+03	1.1190 E+04	8.7691 E+02	- 3.5467 E+02	7.2914 E+01	3.8417 E+00	- 1.4926 E+04	4.8098 E+04	3.1156 E+01
1.1704 E+02	1.3631 E+03	4.5833 E-02	- 6.9662 E+04	2.1884 E+05	1.5266 E+01	- 3.0216 E+03	1.0776 E+04	1.1032 E+02	- 3.5467 E+02	3.6457 E+01	2.6161 E+02	- 1.4926 E+04	4.4398 E+04	2.1524 E+02
1.1704 E+02	1.3086 E+03	1.0516 E+02	- 6.9662 E+04	2.0516 E+05	8.7551 E+00	- 3.0216 E+03	1.0361 E+04	3.6057 E+03	- 3.5467 E+02	0.0000 E+00	7.1999 E+02	- 1.4926 E+04	4.0698 E+04	5.2879 E+01
1.1704 E+02	1.2541 E+03	8.3782 E+00	- 6.9662 E+04	1.9833 E+05	3.0083 E+01	- 3.0216 E+03	9.9469 E+03	5.1677 E+03	- 3.9112 E+02	1.8228 E+02	1.0000 E+01	- 1.4926 E+04	3.6998 E+04	5.4373 E+02
1.1704 E+02	1.1996 E+03	7.0387 E+00	- 6.9662 E+04	1.9149 E+05	3.2464 E+00	- 3.0216 E+03	9.5325 E+03	8.4904 E+03	- 3.9112 E+02	1.0937 E+02	1.0000 E+01	- 1.4926 E+04	3.3298 E+04	5.3167 E+02
1.1704 E+02	1.1450 E+03	2.2948 E+01	- 6.9662 E+04	1.8465 E+05	1.1949 E+01	- 3.0216 E+03	9.1180 E+03	1.1786 E+04	- 3.9112 E+02	7.2914 E+01	1.3778 E+00	- 1.4926 E+04	2.9599 E+04	4.8889 E+02
1.1704 E+02	1.0905 E+03	1.9760 E+01	- 6.9662 E+04	1.7781 E+05	2.1507 E+00	- 3.0216 E+03	8.7035 E+03	1.7933 E+04	- 3.9112 E+02	3.6457 E+01	2.4479 E+02	- 1.4926 E+04	2.5899 E+04	5.5359 E+02
1.1704 E+02	1.0360 E+03	5.7985 E+01	- 6.9662 E+04	1.7097 E+05	6.6159 E+00	- 3.0216 E+03	8.2891 E+03	3.6076 E+04	- 3.9112 E+02	0.0000 E+00	6.0592 E+02	- 1.4926 E+04	2.2199 E+04	3.8363 E+02
1.1704 E+02	9.8146 E+02	1.5370 E+02	- 6.9662 E+04	1.6413 E+05	5.7892 E+00	- 3.0216 E+03	7.8746 E+03	4.3032 E+04	- 4.2758 E+02	1.8228 E+02	3.0230 E-02	- 1.4926 E+04	1.8499 E+04	3.5458 E+02
1.1704 E+02	9.2694 E+02	2.9439 E+02	- 6.9662 E+04	1.5729 E+05	1.4041 E+02	- 3.0216 E+03	7.4602 E+03	1.1254 E+05	- 4.2758 E+02	1.4583 E+02	1.2500 E+00	- 1.4926 E+04	1.4799 E+04	2.5815 E+02
1.1704 E+02	8.7241 E+02	3.6622 E+02	- 6.9662 E+04	1.5045 E+05	1.2624 E+03	- 3.0216 E+03	7.0457 E+03	1.4269 E+05	- 4.2758 E+02	1.0937 E+02	1.5000 E+01	- 1.4926 E+04	1.1099 E+04	8.1976 E+02
1.1704 E+02	8.1789 E+02	4.2500 E+02	- 6.9662 E+04	1.4361 E+05	1.8203 E+01	- 3.0216 E+03	6.6313 E+03	2.3194 E+05	- 4.2758 E+02	7.2914 E+01	2.1891 E+02	- 1.4926 E+04	7.3996 E+03	5.2891 E+03
1.1704 E+02	7.6336 E+02	4.2719 E+02	- 6.9662 E+04	1.3678 E+05	1.9315 E+03	- 3.0216 E+03	6.2168 E+03	3.6350 E+05	- 4.2758 E+02	3.6457 E+01	3.8942 E+01	- 1.4926 E+04	3.6998 E+03	9.8717 E+04
1.1704 E+02	7.0884 E+02	4.4664 E+03	- 6.9662 E+04	1.2994 E+05	5.0900 E+03	- 3.0216 E+03	5.8024 E+03	4.8763 E+05	- 4.2758 E+02	0.0000 E+00	2.6795 E+02	- 1.4926 E+04	0.0000 E+00	1.3513 E+06
1.1704 E+02	6.5431 E+02	9.9197 E+03	- 6.9662 E+04	1.2310 E+05	7.6996 E+02	- 3.0216 E+03	5.3879 E+03	7.2939 E+05	- 4.6404 E+02	3.6457 E+01	1.8839 E+01	- 1.9102 E+04	1.4429 E+05	2.5000 E+00
1.1704 E+02	5.9978 E+02	1.5518 E+04	- 6.9662 E+04	1.1626 E+05	5.2179 E+03	- 3.0216 E+03	4.9735 E+03	9.1116 E+05	- 4.6404 E+02	0.0000 E+00	2.5358 E+01	- 1.9102 E+04	7.0297 E+04	9.1667 E-02
1.1704 E+02	5.4526 E+02	5.4500 E+04	- 6.9662 E+04	1.0942 E+05	4.0136 E+02	- 3.0216 E+03	4.5590 E+03	1.4901 E+06	- 5.0049 E+02	1.4583 E+02	5.0000 E+00	- 1.9102 E+04	6.2897 E+04	2.0992 E+01

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.1704 E+02	4.9073 E+02	9.1135 E+04	- 6.9662 E+04	1.0258 E+05	2.5113 E+03	- 3.0216 E+03	4.1445 E+03	1.5025 E+06	- 5.0049 E+02	0.0000 E+00	3.9945 E+01	- 1.9102 E+04	5.5497 E+04	7.5000 E+00
1.1704 E+02	4.3621 E+02	2.2539 E+05	- 6.9662 E+04	9.5743 E+04	2.7090 E+04	- 3.0216 E+03	3.7301 E+03	2.1048 E+06	- 5.3695 E+02	1.0937 E+02	5.0000 E+00	- 1.9102 E+04	5.1798 E+04	5.3788 E+00
1.1704 E+02	3.8168 E+02	5.4606 E+05	- 6.9662 E+04	8.8904 E+04	2.0828 E+03	- 3.0216 E+03	3.3156 E+03	2.3689 E+06	- 5.3695 E+02	7.2914 E+01	6.2500 E+00	- 1.9102 E+04	4.8098 E+04	2.2583 E+01
1.1704 E+02	3.2715 E+02	9.9667 E+05	- 6.9662 E+04	8.2066 E+04	9.4572 E+03	- 3.0216 E+03	2.9012 E+03	2.7482 E+06	- 5.3695 E+02	0.0000 E+00	6.3196 E+00	- 1.9102 E+04	4.4398 E+04	4.1616 E+01
1.1704 E+02	2.7263 E+02	1.7375 E+06	- 6.9662 E+04	7.5227 E+04	4.6900 E+03	- 3.0216 E+03	2.4867 E+03	2.3630 E+06	- 5.7341 E+02	0.0000 E+00	5.0000 E+00	- 1.9102 E+04	4.0698 E+04	1.0352 E+01
1.1704 E+02	2.1810 E+02	3.1835 E+06	- 6.9662 E+04	6.8388 E+04	2.0752 E+04	- 3.0216 E+03	2.0723 E+03	2.4312 E+06	- 6.0986 E+02	0.0000 E+00	2.1215 E-01	- 1.9102 E+04	3.6998 E+04	2.3073 E+00
1.1704 E+02	1.6358 E+02	5.3651 E+06	- 6.9662 E+04	6.1549 E+04	3.4575 E+04	- 3.0216 E+03	1.6578 E+03	2.2852 E+06	- 6.8278 E+02	0.0000 E+00	2.1215 E-01	- 1.9102 E+04	3.3298 E+04	3.7745 E+01
1.1704 E+02	1.0905 E+02	7.0753 E+06	- 6.9662 E+04	5.4710 E+04	5.2256 E+04	- 3.0216 E+03	1.2434 E+03	2.4025 E+06				- 1.9102 E+04	2.9599 E+04	5.1913 E+01
1.1704 E+02	5.4526 E+01	1.7722 E+07	- 6.9662 E+04	4.7872 E+04	9.9973 E+04	- 3.0216 E+03	8.2891 E+02	4.2071 E+06				- 1.9102 E+04	2.5899 E+04	3.1904 E+01
1.1704 E+02	0.0000 E+00	4.2799 E+07	- 6.9662 E+04	4.1033 E+04	1.8495 E+05	- 3.0216 E+03	4.1445 E+02	9.2307 E+06				- 1.9102 E+04	2.2199 E+04	2.4921 E+02
5.2882 E+01	2.3991 E+03	1.7500 E+00	- 6.9662 E+04	3.4194 E+04	5.2100 E+05	- 3.0216 E+03	0.0000 E+00	1.6341 E+07				- 1.9102 E+04	1.8499 E+04	7.0119 E+02
5.2882 E+01	2.3446 E+03	8.0706 E+00	- 6.9662 E+04	2.7355 E+04	1.3816 E+06	- 3.5591 E+03	1.9894 E+04	4.5833 E-02				- 1.9102 E+04	1.4799 E+04	6.4803 E+01
5.2882 E+01	2.2901 E+03	5.0706 E+00	- 6.9662 E+04	2.0516 E+04	3.0388 E+06	- 3.5591 E+03	1.8650 E+04	2.7898 E+00				- 1.9102 E+04	1.1099 E+04	5.8015 E+02
5.2882 E+01	2.1265 E+03	1.7500 E+00	- 6.9662 E+04	1.3678 E+04	3.9740 E+06	- 3.5591 E+03	1.6993 E+04	1.0607 E-01				- 1.9102 E+04	7.3996 E+03	2.4762 E+03
5.2882 E+01	2.0720 E+03	1.7500 E+00	- 6.9662 E+04	6.8388 E+03	4.1810 E+06	- 3.5591 E+03	1.6578 E+04	5.1109 E-01				- 1.9102 E+04	3.6998 E+03	2.6414 E+04
5.2882 E+01	2.0175 E+03	6.7083 E-01	- 6.9662 E+04	0.0000 E+00	1.3058 E+07	- 3.5591 E+03	1.6164 E+04	4.0501 E-01				- 1.9102 E+04	0.0000 E+00	6.2161 E+05
5.2882 E+01	1.9629 E+03	1.7500 E+00	- 7.7091 E+04	2.5304 E+05	1.6902 E+00	- 3.5591 E+03	1.5749 E+04	5.1061 E+00				- 2.3277 E+04	5.9197 E+04	5.0458 E+00
5.2882 E+01	1.6358 E+03	4.5833 E-02	- 7.7091 E+04	2.4620 E+05	1.6902 E+00	- 3.5591 E+03	1.5335 E+04	1.6902 E+00				- 2.3277 E+04	5.5497 E+04	5.0000 E+00

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.2882 E+01	1.5812 E+03	6.2500 E-01	- 7.7091 E+04	2.2568 E+05	1.6902 E+00	- 3.5591 E+03	1.4920 E+04	1.0648 E+00				- 2.3277 E+04	5.1798 E+04	1.0222 E+00
5.2882 E+01	1.4722 E+03	4.5833 E-02	- 7.7091 E+04	2.1200 E+05	3.0516 E+00	- 3.5591 E+03	1.4506 E+04	2.1708 E+01				- 2.3277 E+04	4.8098 E+04	2.1215 E-01
5.2882 E+01	1.3631 E+03	1.3092 E+01	- 7.7091 E+04	1.9833 E+05	3.5739 E+01	- 3.5591 E+03	1.4091 E+04	1.0417 E+02				- 2.3277 E+04	4.4398 E+04	1.2130 E+01
5.2882 E+01	1.3086 E+03	9.1667 E-02	- 7.7091 E+04	1.9149 E+05	4.8941 E+01	- 3.5591 E+03	1.3677 E+04	1.0417 E+02				- 2.3277 E+04	3.6998 E+04	7.6959 E+00
5.2882 E+01	1.2541 E+03	1.7360 E+00	- 7.7091 E+04	1.8465 E+05	1.8677 E+01	- 3.5591 E+03	1.3263 E+04	5.1500 E+00				- 2.3277 E+04	3.3298 E+04	2.1215 E-01
5.2882 E+01	1.1996 E+03	2.0028 E+00	- 7.7091 E+04	1.7781 E+05	1.7438 E+01	- 3.5591 E+03	1.2848 E+04	3.8388 E+00				- 2.3277 E+04	2.9599 E+04	3.5420 E+00
5.2882 E+01	1.1450 E+03	3.3526 E+01	- 7.7091 E+04	1.7097 E+05	1.5959 E+02	- 3.5591 E+03	1.2434 E+04	7.2734 E+00				- 2.3277 E+04	2.5899 E+04	1.4554 E+01
5.2882 E+01	1.0905 E+03	5.8209 E+00	- 7.7091 E+04	1.6413 E+05	2.8153 E+01	- 3.5591 E+03	1.2019 E+04	8.5705 E+02				- 2.3277 E+04	2.2199 E+04	3.2024 E+01
5.2882 E+01	1.0360 E+03	1.6721 E+01	- 7.7091 E+04	1.5045 E+05	6.4463 E+02	- 3.5591 E+03	1.1605 E+04	7.4168 E+02				- 2.3277 E+04	1.8499 E+04	2.1956 E+01
5.2882 E+01	9.8146 E+02	2.4704 E+02	- 7.7091 E+04	1.4361 E+05	5.9522 E+01	- 3.5591 E+03	1.1190 E+04	2.2976 E+01				- 2.3277 E+04	1.4799 E+04	2.8170 E+01
5.2882 E+01	9.2694 E+02	5.4700 E+01	- 7.7091 E+04	1.3678 E+05	7.0071 E+02	- 3.5591 E+03	1.0776 E+04	2.5033 E+03				- 2.3277 E+04	1.1099 E+04	1.0401 E+02
5.2882 E+01	8.7241 E+02	2.7862 E+02	- 7.7091 E+04	1.2994 E+05	4.0149 E+03	- 3.5591 E+03	1.0361 E+04	4.2413 E+02				- 2.3277 E+04	7.3996 E+03	5.9862 E+02
5.2882 E+01	8.1789 E+02	3.0248 E+02	- 7.7091 E+04	1.2310 E+05	3.5942 E+03	- 3.5591 E+03	9.9469 E+03	9.7507 E+02				- 2.3277 E+04	3.6998 E+03	6.9033 E+03
5.2882 E+01	7.6336 E+02	2.7893 E+03	- 7.7091 E+04	1.1626 E+05	1.3507 E+04	- 3.5591 E+03	9.5325 E+03	4.0201 E+03				- 2.3277 E+04	0.0000 E+00	1.4770 E+05
5.2882 E+01	7.0884 E+02	3.9358 E+03	- 7.7091 E+04	1.0942 E+05	1.3187 E+03	- 3.5591 E+03	9.1180 E+03	3.4114 E+03				- 2.7453 E+04	4.4398 E+04	5.0000 E+00
5.2882 E+01	6.5431 E+02	8.5767 E+03	- 7.7091 E+04	1.0258 E+05	2.7108 E+03	- 3.5591 E+03	8.7035 E+03	9.7108 E+03				- 2.7453 E+04	4.0698 E+04	5.0000 E+00
5.2882 E+01	5.9978 E+02	1.4338 E+04	- 7.7091 E+04	9.5743 E+04	1.5070 E+04	- 3.5591 E+03	8.2891 E+03	2.2979 E+04				- 2.7453 E+04	3.6998 E+04	1.3196 E+00
5.2882 E+01	5.4526 E+02	3.1953 E+04	- 7.7091 E+04	8.8904 E+04	3.5582 E+04	- 3.5591 E+03	7.8746 E+03	2.1494 E+04				- 2.7453 E+04	2.5899 E+04	6.6043 E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.2882 E+01	4.9073 E+02	7.7062 E+04	- 7.7091 E+04	8.2066 E+04	2.2979 E+04	- 3.5591 E+03	7.4602 E+03	3.1403 E+04				- 2.7453 E+04	2.2199 E+04	2.5519 E+00
5.2882 E+01	4.3621 E+02	1.7749 E+05	- 7.7091 E+04	7.5227 E+04	2.6442 E+04	- 3.5591 E+03	7.0457 E+03	5.1869 E+04				- 2.7453 E+04	1.8499 E+04	3.3199 E+00
5.2882 E+01	3.8168 E+02	3.9277 E+05	- 7.7091 E+04	6.8388 E+04	4.6322 E+04	- 3.5591 E+03	6.6313 E+03	7.6698 E+04				- 2.7453 E+04	1.4799 E+04	1.7338 E+01
5.2882 E+01	3.2715 E+02	7.8190 E+05	- 7.7091 E+04	6.1549 E+04	3.6258 E+04	- 3.5591 E+03	6.2168 E+03	1.3029 E+05				- 2.7453 E+04	1.1099 E+04	2.9404 E+01
5.2882 E+01	2.7263 E+02	1.1174 E+06	- 7.7091 E+04	5.4710 E+04	1.0944 E+05	- 3.5591 E+03	5.8024 E+03	2.0595 E+05				- 2.7453 E+04	7.3996 E+03	9.5584 E+02
5.2882 E+01	2.1810 E+02	1.6251 E+06	- 7.7091 E+04	4.7872 E+04	1.5438 E+05	- 3.5591 E+03	5.3879 E+03	2.4905 E+05				- 2.7453 E+04	3.6998 E+03	4.9963 E+03
5.2882 E+01	1.6358 E+02	1.9487 E+06	- 7.7091 E+04	4.1033 E+04	3.1075 E+05	- 3.5591 E+03	4.9735 E+03	4.6177 E+05				- 2.7453 E+04	0.0000 E+00	3.6113 E+04
5.2882 E+01	1.0905 E+02	2.8303 E+06	- 7.7091 E+04	3.4194 E+04	6.6663 E+05	- 3.5591 E+03	4.5590 E+03	4.9804 E+05				- 3.1629 E+04	2.5899 E+04	1.3417 E+00
5.2882 E+01	5.4526 E+01	7.8766 E+06	- 7.7091 E+04	2.7355 E+04	1.3714 E+06	- 3.5591 E+03	4.1445 E+03	7.8760 E+05				- 3.1629 E+04	2.2199 E+04	2.4238 E-01
5.2882 E+01	0.0000 E+00	2.3445 E+07	- 7.7091 E+04	2.0516 E+04	2.4374 E+06	- 3.5591 E+03	3.7301 E+03	1.1845 E+06				- 3.1629 E+04	1.8499 E+04	5.2122 E+00
- 1.1272 E+01	2.7263 E+03	1.6902 E+00	- 7.7091 E+04	1.3678 E+04	3.9236 E+06	- 3.5591 E+03	3.3156 E+03	1.3886 E+06				- 3.1629 E+04	1.4799 E+04	8.1352 E+00
- 1.1272 E+01	2.5627 E+03	3.3804 E+00	- 7.7091 E+04	6.8388 E+03	3.9980 E+06	- 3.5591 E+03	2.9012 E+03	1.7820 E+06				- 3.1629 E+04	1.1099 E+04	1.5411 E+01
- 1.1272 E+01	2.5082 E+03	1.6902 E+00	- 7.7091 E+04	0.0000 E+00	1.0073 E+07	- 3.5591 E+03	2.4867 E+03	1.8782 E+06				- 3.1629 E+04	7.3996 E+03	1.8197 E+01
- 1.1272 E+01	1.8539 E+03	4.5833 E-02	- 8.4520 E+04	2.6671 E+05	1.6902 E+00	- 3.5591 E+03	2.0723 E+03	1.6268 E+06				- 3.1629 E+04	3.6998 E+03	1.3559 E+03
- 1.1272 E+01	1.6903 E+03	4.5833 E-02	- 8.4520 E+04	2.4620 E+05	1.6902 E+00	- 3.5591 E+03	1.6578 E+03	1.5975 E+06				- 3.1629 E+04	0.0000 E+00	1.2368 E+04
- 1.1272 E+01	1.6358 E+03	9.2378 E+00	- 8.4520 E+04	2.3252 E+05	1.6902 E+00	- 3.5591 E+03	1.2434 E+03	1.6900 E+06				- 3.5804 E+04	2.5899 E+04	5.0000 E+00
- 1.1272 E+01	1.5812 E+03	4.5833 E-02	- 8.4520 E+04	2.1884 E+05	1.6902 E+00	- 3.5591 E+03	8.2891 E+02	2.9157 E+06				- 3.5804 E+04	1.4799 E+04	7.4151 E+00
- 1.1272 E+01	1.5267 E+03	1.7819 E+00	- 8.4520 E+04	1.9149 E+05	2.3176 E+01	- 3.5591 E+03	4.1445 E+02	7.5075 E+06				- 3.5804 E+04	1.1099 E+04	1.0097 E+01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.1272	6.7083	-	1.8465	7.0563	-	0.0000	1.2496				-	7.3996	3.9329
1.1272	E+03	E-01	8.4520	E+05	E-01	3.5591	E+00	E+07				3.5804	E+03	E+01
-	1.1272	1.7970	-	1.5729	5.5795	-	1.4920	5.9845				-	3.6998	4.0581
1.1272	E+03	E+00	8.4520	E+05	E+00	4.0966	E+03	E+04				3.5804	E+03	E+02
-	1.1272	2.3791	-	1.5045	1.0607	-	1.4091	1.2770				-	0.0000	1.6241
1.1272	E+03	E+00	8.4520	E+05	E-01	4.0966	E+03	E+04				3.5804	E+00	E+04
-	1.1272	6.7083	-	1.4361	6.2546	-	1.2848	5.5692				-	5.1798	1.3196
1.1272	E+03	E-01	8.4520	E+05	E+02	4.0966	E+03	E+04				3.9980	E+04	E+00
-	1.1272	6.5512	-	1.3678	4.5205	-	1.2434	6.7083				-	2.2199	2.4301
1.1272	E+03	E+00	8.4520	E+05	E+01	4.0966	E+03	E+04				3.9980	E+04	E-03
-	1.1272	2.1373	-	1.2994	6.8749	-	1.2019	1.1303				-	7.3996	2.0487
1.1272	E+03	E+01	8.4520	E+05	E+02	4.0966	E+03	E+04				3.9980	E+03	E+01
-	1.1272	9.0637	-	1.2310	2.8754	-	1.1605	1.9408				-	3.6998	5.3756
1.1272	E+03	E+00	8.4520	E+05	E+03	4.0966	E+03	E+04				3.9980	E+03	E+02
-	1.1272	1.4333	-	1.1626	1.0484	-	1.1190	1.4609				-	0.0000	3.9189
1.1272	E+03	E+00	8.4520	E+05	E+03	4.0966	E+03	E+04				3.9980	E+00	E+03
-	1.1272	3.1305	-	1.0942	6.8591	-	1.0776	7.2367				-	7.3996	5.0000
1.1272	E+03	E+01	8.4520	E+05	E+03	4.0966	E+03	E+04				4.4155	E+03	E+00
-	1.1272	3.7072	-	1.0258	6.5766	-	1.0361	4.4409				-	3.6998	3.7234
1.1272	E+03	E+01	8.4520	E+05	E+03	4.0966	E+03	E+04				4.4155	E+03	E+01
-	1.1272	3.6041	-	9.5743	4.5899	-	9.9469	1.8042				-	0.0000	7.3230
1.1272	E+03	E+01	8.4520	E+04	E+03	4.0966	E+03	E+03				4.4155	E+00	E+03
-	1.1272	2.7040	-	8.8904	2.1666	-	9.5325	4.5630				-	3.6998	1.7688
1.1272	E+03	E+01	8.4520	E+04	E+04	4.0966	E+03	E+02				4.8331	E+03	E+01
-	1.1272	1.0643	-	8.2066	2.6150	-	9.1180	1.9202				-	0.0000	2.9873
1.1272	E+03	E+02	8.4520	E+04	E+04	4.0966	E+03	E+03				4.8331	E+00	E+01
-	1.1272	1.2055	-	7.5227	2.4896	-	8.7035	4.8199				-	1.1099	5.0000
1.1272	E+03	E+03	8.4520	E+04	E+04	4.0966	E+03	E+03				5.2506	E+04	E+00
-	1.1272	2.7181	-	6.8388	4.5373	-	8.2891	2.9024				-	7.3996	4.8602
1.1272	E+03	E+02	8.4520	E+04	E+04	4.0966	E+03	E+03				5.2506	E+03	E-03
-	1.1272	1.0139	-	6.1549	7.5882	-	7.8746	9.1947				-	3.6998	7.5917
1.1272	E+03	E+04	8.4520	E+04	E+04	4.0966	E+03	E+03				5.2506	E+03	E+00
-	1.1272	1.5115	-	5.4710	1.2759	-	7.4602	1.0302				-	0.0000	2.3286
1.1272	E+03	E+04	8.4520	E+04	E+05	4.0966	E+03	E+04				5.2506	E+00	E+02
-	1.1272	1.9892	-	4.7872	2.0642	-	7.0457	1.3719				-	3.6998	2.0833
1.1272	E+03	E+04	8.4520	E+04	E+05	4.0966	E+03	E+04				5.6682	E+03	E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	4.9073	3.3496	-	4.1033	4.7175	-	6.6313	2.3425	-	-	-	-	0.0000	2.0789
1.1272	E+02	E+04	8.4520	E+04	E+05	4.0966	E+03	E+04	5.6682	E+00	E+01	5.6682	E+00	E+01
-	4.3621	7.0097	-	3.4194	1.0977	-	6.2168	2.3054	-	-	-	-	3.6998	2.5000
1.1272	E+02	E+04	8.4520	E+04	E+06	4.0966	E+03	E+04	6.0857	E+03	E+00	6.0857	E+03	E+00
-	3.8168	1.4344	-	2.7355	1.9893	-	5.8024	5.2627	-	-	-	-	0.0000	1.0128
1.1272	E+02	E+05	8.4520	E+04	E+06	4.0966	E+03	E+04	6.0857	E+00	E+01	6.0857	E+00	E+01
-	3.2715	2.0406	-	2.0516	3.2727	-	5.3879	6.7776	-	-	-	-	0.0000	5.2556
1.1272	E+02	E+05	8.4520	E+04	E+06	4.0966	E+03	E+04	6.9208	E+00	E+00	6.9208	E+00	E+00
-	2.7263	2.9390	-	1.3678	4.1051	-	4.9735	7.1860	-	-	-	-	3.6998	2.5000
1.1272	E+02	E+05	8.4520	E+04	E+06	4.0966	E+03	E+04	7.3384	E+03	E+00	7.3384	E+03	E+00
-	2.1810	5.6424	-	6.8388	3.7287	-	4.5590	1.2419	-	-	-	-	0.0000	6.2500
1.1272	E+02	E+05	8.4520	E+03	E+06	4.0966	E+03	E+05	7.3384	E+00	E+00	7.3384	E+00	E+00
-	1.6358	1.5219	-	0.0000	8.1372	-	4.1445	2.0585	-	-	-	-	0.0000	5.0000
1.1272	E+02	E+06	8.4520	E+00	E+06	4.0966	E+03	E+05	9.0086	E+00	E+00	9.0086	E+00	E+00
-	1.0905	4.2459	-	2.4620	1.6902	-	3.7301	2.3262	-	-	-	-	-	-
1.1272	E+02	E+06	9.1949	E+05	E+00	4.0966	E+03	E+05	-	-	-	-	-	-
-	5.4526	1.1676	-	1.7781	2.7898	-	3.3156	3.9542	-	-	-	-	-	-
1.1272	E+01	E+07	9.1949	E+05	E+00	4.0966	E+03	E+05	-	-	-	-	-	-
-	0.0000	3.6788	-	1.5045	8.9360	-	2.9012	5.5893	-	-	-	-	-	-
1.1272	E+00	E+07	9.1949	E+05	E+00	4.0966	E+03	E+05	-	-	-	-	-	-
-	1.5267	2.3152	-	1.4361	8.9360	-	2.4867	6.0253	-	-	-	-	-	-
7.5426	E+03	E+00	9.1949	E+05	E+00	4.0966	E+03	E+05	-	-	-	-	-	-
-	1.4177	6.6747	-	1.3678	6.5980	-	2.0723	6.1904	-	-	-	-	-	-
7.5426	E+03	E-01	9.1949	E+05	E-01	4.0966	E+03	E+05	-	-	-	-	-	-
-	1.3631	6.2500	-	1.2994	9.3687	-	1.6578	6.1438	-	-	-	-	-	-
7.5426	E+03	E-01	9.1949	E+05	E+01	4.0966	E+03	E+05	-	-	-	-	-	-
-	1.3086	1.7360	-	1.2310	2.1585	-	1.2434	9.1012	-	-	-	-	-	-
7.5426	E+03	E+00	9.1949	E+05	E+03	4.0966	E+03	E+05	-	-	-	-	-	-
-	1.2541	2.9860	-	1.1626	3.4475	-	8.2891	1.7928	-	-	-	-	-	-
7.5426	E+03	E+00	9.1949	E+05	E+02	4.0966	E+03	E+06	-	-	-	-	-	-
-	1.1996	1.7360	-	1.0942	3.6574	-	4.1445	4.0525	-	-	-	-	-	-
7.5426	E+03	E+00	9.1949	E+05	E+03	4.0966	E+03	E+06	-	-	-	-	-	-
-	1.1450	1.0250	-	1.0258	1.7542	-	0.0000	8.3239	-	-	-	-	-	-
7.5426	E+03	E+01	9.1949	E+05	E+03	4.0966	E+00	E+06	-	-	-	-	-	-
-	1.0905	3.0677	-	9.5743	2.2905	-	1.8650	4.5833	-	-	-	-	-	-
7.5426	E+03	E+01	9.1949	E+04	E+04	4.6342	E+03	E-02	-	-	-	-	-	-

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.0360	3.5173	-	8.8904	9.6018	-	1.4920	1.0607						
7.5426	E+03	E+01	9.1949	E+04	E+03	4.6342	E+04	E-01						
-	9.8146	3.0183	-	8.2066	2.1307	-	1.4506	6.5980						
7.5426	E+02	E+01	9.1949	E+04	E+04	4.6342	E+04	E-01						
-	9.2694	3.8964	-	7.5227	1.7562	-	1.4091	4.0501						
7.5426	E+02	E+01	9.1949	E+04	E+04	4.6342	E+04	E-01						
-	8.7241	6.0508	-	6.8388	5.3291	-	1.3677	2.5192						
7.5426	E+02	E+01	9.1949	E+04	E+04	4.6342	E+04	E+00						
-	8.1789	7.2074	-	6.1549	1.1635	-	1.3263	1.7819						
7.5426	E+02	E+01	9.1949	E+04	E+05	4.6342	E+04	E+00						
-	7.6336	1.3257	-	5.4710	1.4503	-	1.2848	6.8554						
7.5426	E+02	E+02	9.1949	E+04	E+05	4.6342	E+04	E-01						
-	7.0884	1.0020	-	4.7872	4.0748	-	1.2434	1.2848						
7.5426	E+02	E+02	9.1949	E+04	E+05	4.6342	E+04	E+00						
-	6.5431	1.1768	-	4.1033	6.1735	-	1.2019	5.1375						
7.5426	E+02	E+03	9.1949	E+04	E+05	4.6342	E+04	E+00						
-	5.9978	1.8502	-	3.4194	1.4786	-	1.1190	6.8374						
7.5426	E+02	E+02	9.1949	E+04	E+06	4.6342	E+04	E+01						
-	5.4526	1.2962	-	2.7355	2.7465	-	1.0776	2.1303						
7.5426	E+02	E+03	9.1949	E+04	E+06	4.6342	E+04	E+01						
-	4.9073	4.6492	-	2.0516	3.9701	-	1.0361	5.0384						
7.5426	E+02	E+02	9.1949	E+04	E+06	4.6342	E+04	E+00						
-	4.3621	4.8693	-	1.3678	4.4645	-	9.9469	5.0331						
7.5426	E+02	E+02	9.1949	E+04	E+06	4.6342	E+03	E+02						
-	3.8168	1.0057	-	6.8388	3.8641	-	9.5325	2.6816						
7.5426	E+02	E+04	9.1949	E+04	E+06	4.6342	E+03	E+02						
-	3.2715	1.4280	-	0.0000	8.6899	-	9.1180	9.8529						
7.5426	E+02	E+04	9.1949	E+04	E+06	4.6342	E+03	E+02						
-	2.7263	2.1328	-	1.6413	5.5065	-	8.7035	3.2514						
7.5426	E+02	E+04	9.9378	E+04	E+02	4.6342	E+03	E+02						
-	2.1810	4.0329	-	1.4361	2.1026	-	8.2891	8.5639						
7.5426	E+02	E+04	9.9378	E+04	E+03	4.6342	E+03	E+02						
-	1.6358	7.5867	-	1.3678	4.5833	-	7.8746	2.2708						
7.5426	E+02	E+04	9.9378	E+04	E-02	4.6342	E+03	E+03						
-	1.0905	1.3949	-	1.2994	7.8790	-	7.4602	2.2817						
7.5426	E+02	E+05	9.9378	E+04	E+01	4.6342	E+03	E+03						

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	7.5426	7.2597	-	1.2310	6.8712	-	7.0457	3.2841						
7.5426	E+01	E+05	9.9378	E+05	E+02	4.6342	E+03	E+03						
-	7.5426	3.8406	-	1.1626	4.8346	-	6.6313	6.3985						
7.5426	E+01	E+06	9.9378	E+05	E+02	4.6342	E+03	E+03						
-	1.3958	1.6902	-	1.0942	2.9486	-	6.2168	9.4240						
1.3958	E+03	E+00	9.9378	E+05	E+03	4.6342	E+03	E+03						
-	1.3958	5.1304	-	1.0258	1.6319	-	5.8024	1.0458						
1.3958	E+03	E+00	9.9378	E+05	E+03	4.6342	E+03	E+04						
-	1.3958	1.6902	-	9.5743	3.9588	-	5.3879	1.1272						
1.3958	E+03	E+00	9.9378	E+04	E+03	4.6342	E+03	E+04						
-	1.3958	5.6956	-	8.8904	8.2364	-	4.9735	1.5865						
1.3958	E+03	E+00	9.9378	E+04	E+03	4.6342	E+03	E+04						
-	1.3958	9.1667	-	8.2066	1.8862	-	4.5590	2.2477						
1.3958	E+03	E-02	9.9378	E+04	E+04	4.6342	E+03	E+04						
-	1.3958	7.6902	-	7.5227	2.7848	-	4.1445	4.1570						
1.3958	E+03	E+00	9.9378	E+04	E+04	4.6342	E+03	E+04						
-	1.3958	1.0307	-	6.8388	6.7947	-	3.7301	3.2193						
1.3958	E+03	E+01	9.9378	E+04	E+04	4.6342	E+03	E+04						
-	1.3958	4.1291	-	6.1549	1.0247	-	3.3156	3.8108						
1.3958	E+03	E+00	9.9378	E+04	E+05	4.6342	E+03	E+04						
-	1.3958	1.4831	-	5.4710	2.1587	-	2.9012	7.1020						
1.3958	E+03	E+01	9.9378	E+04	E+05	4.6342	E+03	E+04						
-	1.3958	1.5692	-	4.7872	4.2413	-	2.4867	6.6011						
1.3958	E+03	E+01	9.9378	E+04	E+05	4.6342	E+03	E+04						
-	1.3958	1.4274	-	4.1033	9.4008	-	2.0723	1.7782						
1.3958	E+02	E+01	9.9378	E+04	E+05	4.6342	E+03	E+05						
-	1.3958	1.9524	-	3.4194	1.5057	-	1.6578	1.5480						
1.3958	E+02	E+01	9.9378	E+04	E+06	4.6342	E+03	E+05						
-	1.3958	5.6367	-	2.7355	2.5691	-	1.2434	2.2193						
1.3958	E+02	E+01	9.9378	E+04	E+06	4.6342	E+03	E+05						
-	1.3958	5.9639	-	2.0516	3.7327	-	8.2891	6.2553						
1.3958	E+02	E+01	9.9378	E+04	E+06	4.6342	E+03	E+05						
-	1.3958	2.7919	-	1.3678	4.6274	-	4.1445	1.9147						
1.3958	E+02	E+01	9.9378	E+04	E+06	4.6342	E+03	E+06						
-	1.3958	7.6421	-	6.8388	4.2224	-	0.0000	4.3350						
1.3958	E+02	E+01	9.9378	E+04	E+06	4.6342	E+03	E+06						

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 1.3958 E+02	6.5431 E+02	6.6098 E+01	- 9.9378 E+04	0.0000 E+00	1.1742 E+07	- 5.1717 E+03	1.6164 E+04	4.5833 E-02						
- 1.3958 E+02	5.9978 E+02	5.6352 E+01	- 1.0681 E+05	1.5045 E+05	2.7898 E+00	- 5.1717 E+03	1.3263 E+04	4.5833 E-02						
- 1.3958 E+02	5.4526 E+02	1.5074 E+02	- 1.0681 E+05	1.4361 E+05	1.1013 E+03	- 5.1717 E+03	1.1190 E+04	1.7872 E+01						
- 1.3958 E+02	4.9073 E+02	2.5038 E+02	- 1.0681 E+05	1.3678 E+05	1.6520 E+03	- 5.1717 E+03	1.0776 E+04	2.1215 E-01						
- 1.3958 E+02	4.3621 E+02	1.9390 E+02	- 1.0681 E+05	1.2994 E+05	6.6284 E+02	- 5.1717 E+03	9.9469 E+03	4.2430 E-01						
- 1.3958 E+02	3.8168 E+02	3.6714 E+02	- 1.0681 E+05	1.2310 E+05	4.2553 E+03	- 5.1717 E+03	9.5325 E+03	5.6712 E+00						
- 1.3958 E+02	3.2715 E+02	3.2551 E+02	- 1.0681 E+05	1.1626 E+05	7.5210 E+03	- 5.1717 E+03	8.7035 E+03	7.6592 E+01						
- 1.3958 E+02	2.7263 E+02	7.6564 E+02	- 1.0681 E+05	1.0942 E+05	1.3849 E+03	- 5.1717 E+03	8.2891 E+03	8.1003 E-01						
- 1.3958 E+02	2.1810 E+02	1.5641 E+04	- 1.0681 E+05	1.0258 E+05	4.4550 E+03	- 5.1717 E+03	7.8746 E+03	3.0382 E-01						
- 1.3958 E+02	1.6358 E+02	1.1809 E+04	- 1.0681 E+05	9.5743 E+04	5.2460 E+03	- 5.1717 E+03	7.4602 E+03	1.5302 E+03						
- 1.3958 E+02	1.0905 E+02	2.7046 E+04	- 1.0681 E+05	8.8904 E+04	1.0756 E+04	- 5.1717 E+03	7.0457 E+03	1.1146 E+03						
- 1.3958 E+02	5.4526 E+01	1.4243 E+05	- 1.0681 E+05	8.2066 E+04	1.9953 E+04	- 5.1717 E+03	6.6313 E+03	2.2594 E+02						
- 1.3958 E+02	0.0000 E+00	6.9736 E+05	- 1.0681 E+05	7.5227 E+04	2.7370 E+04	- 5.1717 E+03	6.2168 E+03	8.0371 E+02						
- 2.0373 E+02	1.8539 E+03	6.2500 E-01	- 1.0681 E+05	6.8388 E+04	4.8587 E+04	- 5.1717 E+03	5.8024 E+03	3.3927 E+03						
- 2.0373 E+02	1.7448 E+03	6.2500 E-01	- 1.0681 E+05	6.1549 E+04	1.0945 E+05	- 5.1717 E+03	5.3879 E+03	1.7907 E+03						
- 2.0373 E+02	1.5812 E+03	1.6902 E+00	- 1.0681 E+05	5.4710 E+04	1.9792 E+05	- 5.1717 E+03	4.9735 E+03	2.1778 E+03						
- 2.0373 E+02	1.5267 E+03	1.7500 E+00	- 1.0681 E+05	4.7872 E+04	4.4220 E+05	- 5.1717 E+03	4.5590 E+03	8.3863 E+03						
- 2.0373 E+02	1.4722 E+03	6.2500 E-01	- 1.0681 E+05	4.1033 E+04	8.2213 E+05	- 5.1717 E+03	4.1445 E+03	3.1435 E+03						

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	2.0373	1.4177	-	3.4194	1.5715	-	3.7301	1.2172						
E+02	E+03	E+00	E+05	E+04	E+06	E+03	E+03	E+04						
-	2.0373	1.3631	-	2.7355	2.5441	-	3.3156	1.1650						
E+02	E+03	E+00	E+05	E+04	E+06	E+03	E+03	E+04						
-	2.0373	1.3086	-	2.0516	3.7989	-	2.9012	1.0261						
E+02	E+03	E+00	E+05	E+04	E+06	E+03	E+03	E+04						
-	2.0373	1.2541	-	1.3678	4.0589	-	2.4867	4.6457						
E+02	E+03	E+01	E+05	E+04	E+06	E+03	E+03	E+03						
-	2.0373	1.1996	-	6.8388	4.9790	-	2.0723	1.2297						
E+02	E+03	E+01	E+05	E+03	E+06	E+03	E+03	E+04						
-	2.0373	1.1450	-	0.0000	1.5220	-	1.6578	2.6885						
E+02	E+03	E+01	E+05	E+00	E+07	E+03	E+03	E+04						
-	2.0373	1.0905	-	1.4361	5.5065	-	1.2434	6.1201						
E+02	E+03	E+00	E+05	E+05	E+02	E+03	E+03	E+04						
-	2.0373	1.0360	-	1.3678	2.1651	-	8.2891	1.5074						
E+02	E+03	E+00	E+05	E+05	E+03	E+03	E+02	E+05						
-	2.0373	9.8146	-	1.2994	1.0505	-	4.1445	5.6533						
E+02	E+02	E+01	E+05	E+05	E+04	E+03	E+02	E+05						
-	2.0373	9.2694	-	1.2310	3.5023	-	0.0000	1.8646						
E+02	E+02	E+00	E+05	E+05	E+03	E+03	E+00	E+06						
-	2.0373	8.7241	-	1.1626	2.0934	-	1.6164	4.5833						
E+02	E+02	E+01	E+05	E+05	E+04	E+03	E+04	E-02						
-	2.0373	8.1789	-	1.0942	1.3817	-	9.1180	5.0267						
E+02	E+02	E+01	E+05	E+05	E+04	E+03	E+03	E+01						
-	2.0373	7.6336	-	1.0258	1.3072	-	8.7035	7.8282						
E+02	E+02	E+01	E+05	E+05	E+04	E+03	E+03	E+00						
-	2.0373	7.0884	-	9.5743	1.2297	-	8.2891	2.0833						
E+02	E+02	E+01	E+05	E+04	E+04	E+03	E+03	E+02						
-	2.0373	6.5431	-	8.8904	9.3942	-	7.8746	1.9558						
E+02	E+02	E+01	E+05	E+04	E+03	E+03	E+03	E+01						
-	2.0373	5.9978	-	8.2066	2.7268	-	7.4602	1.5585						
E+02	E+02	E+01	E+05	E+04	E+04	E+03	E+03	E+01						
-	2.0373	5.4526	-	7.5227	2.5989	-	7.0457	1.4212						
E+02	E+02	E+01	E+05	E+04	E+04	E+03	E+03	E+02						
-	2.0373	4.9073	-	6.8388	4.7891	-	6.6313	8.4220						
E+02	E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+01						

Original Instruction: T05 0138-8633 VER 00
4426-7700-00-00-01-0 - Jaberster@dnv.com - Yvonne Förster
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	2.0373	4.3621	-	1.1424	6.1549	-	5.7093	6.2168	-			-		
E+02	E+02	9.8262	E+05	E+04	9.2287	E+03	E+03	E+02						
E+01														
-	2.0373	3.8168	-	1.1424	5.4710	-	5.7093	5.8024	-			-		
E+02	E+02	5.0325	E+05	E+04	1.6692	E+03	E+03	E+02						
E+01														
-	2.0373	3.2715	-	1.1424	4.7872	-	5.7093	5.3879	-			-		
E+02	E+02	1.2473	E+05	E+04	3.0912	E+03	E+03	E+01						
E+02														
-	2.0373	2.7263	-	1.1424	4.1033	-	5.7093	4.9735	-			-		
E+02	E+02	1.2163	E+05	E+04	7.1723	E+03	E+03	E+03						
E+02														
-	2.0373	2.1810	-	1.1424	3.4194	-	5.7093	4.5590	-			-		
E+02	E+02	1.3346	E+05	E+04	1.3214	E+03	E+03	E+03						
E+02														
-	2.0373	1.6358	-	1.1424	2.7355	-	5.7093	4.1445	-			-		
E+02	E+02	3.3086	E+05	E+04	2.5346	E+03	E+03	E+03						
E+02														
-	2.0373	1.0905	-	1.1424	2.0516	-	5.7093	3.7301	-			-		
E+02	E+02	4.6897	E+05	E+04	3.9135	E+03	E+03	E+02						
E+03														
-	2.0373	5.4526	-	1.1424	1.3678	-	5.7093	3.3156	-			-		
E+02	E+01	1.9195	E+05	E+04	4.6586	E+03	E+03	E+03						
E+04														
-	2.0373	0.0000	-	1.1424	6.8388	-	5.7093	2.9012	-			-		
E+02	E+00	1.4652	E+05	E+03	6.0126	E+03	E+03	E+02						
E+05														
-	2.6789	1.4722	-	1.1424	0.0000	-	5.7093	2.4867	-			-		
E+02	E+03	4.0652	E+05	E+00	1.9568	E+03	E+03	E+03						
E+00														
-	2.6789	1.4177	-	1.2167	1.4361	-	5.7093	2.0723	-			-		
E+02	E+03	1.6902	E+05	E+05	1.9120	E+03	E+03	E+03						
E+00														
-	2.6789	1.3631	-	1.2167	1.3678	-	5.7093	1.6578	-			-		
E+02	E+03	3.5000	E+05	E+05	4.0125	E+03	E+03	E+03						
E+00														
-	2.6789	1.3086	-	1.2167	1.2994	-	5.7093	1.2434	-			-		
E+02	E+03	1.7500	E+05	E+05	1.6938	E+03	E+03	E+03						
E+00														
-	2.6789	1.2541	-	1.2167	1.2310	-	5.7093	8.2891	-			-		
E+02	E+03	3.5000	E+05	E+05	2.5285	E+03	E+03	E+02						
E+00														
-	2.6789	1.1996	-	1.2167	1.1626	-	5.7093	4.1445	-			-		
E+02	E+03	1.2190	E+05	E+05	8.4655	E+03	E+03	E+02						
E+01														
-	2.6789	1.1450	-	1.2167	1.0942	-	5.7093	0.0000	-			-		
E+02	E+03	1.2071	E+05	E+05	2.6546	E+03	E+03	E+00						
E+01														
-	2.6789	1.0905	-	1.2167	1.0258	-	6.2468	9.5325	-			-		
E+02	E+03	5.1304	E+05	E+05	1.5222	E+03	E+03	E+00						
E+00														
-	2.6789	1.0360	-	1.2167	9.5743	-	6.2468	8.7035	-			-		
E+02	E+03	8.7500	E+05	E+04	3.9594	E+03	E+03	E-01						
E+00														

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	9.8146	6.8804	-	8.8904	2.0849	-	7.4602	4.1547						
2.6789	E+02	E+00	1.2167	E+04	E+04	6.2468	E+03	E+00						
-	9.2694	6.8804	-	8.2066	3.5355	-	6.6313	2.0965						
2.6789	E+02	E+00	1.2167	E+04	E+04	6.2468	E+03	E+02						
-	8.7241	8.6304	-	7.5227	7.1495	-	6.2168	1.5168						
2.6789	E+02	E+00	1.2167	E+04	E+04	6.2468	E+03	E+01						
-	8.1789	6.8804	-	6.8388	9.1334	-	5.8024	2.0863						
2.6789	E+02	E+00	1.2167	E+04	E+04	6.2468	E+03	E+02						
-	7.0884	1.0380	-	6.1549	9.8868	-	5.3879	5.2404						
2.6789	E+02	E+01	1.2167	E+04	E+04	6.2468	E+03	E+01						
-	6.5431	1.1511	-	5.4710	1.5818	-	4.9735	3.9936						
2.6789	E+02	E+01	1.2167	E+04	E+05	6.2468	E+03	E+01						
-	5.9978	1.8630	-	4.7872	3.6320	-	4.5590	7.7397						
2.6789	E+02	E+01	1.2167	E+04	E+05	6.2468	E+03	E+01						
-	5.4526	3.1022	-	4.1033	6.2088	-	4.1445	2.6334						
2.6789	E+02	E+01	1.2167	E+04	E+05	6.2468	E+03	E+01						
-	4.9073	3.3477	-	3.4194	1.1889	-	3.7301	3.6451						
2.6789	E+02	E+01	1.2167	E+04	E+06	6.2468	E+03	E+00						
-	4.3621	3.7022	-	2.7355	2.6687	-	3.3156	1.3419						
2.6789	E+02	E+01	1.2167	E+04	E+06	6.2468	E+03	E+02						
-	3.8168	4.8402	-	2.0516	4.2693	-	2.9012	1.4214						
2.6789	E+02	E+01	1.2167	E+04	E+06	6.2468	E+03	E+03						
-	3.2715	4.6557	-	1.3678	5.2218	-	2.4867	2.7725						
2.6789	E+02	E+01	1.2167	E+04	E+06	6.2468	E+03	E+02						
-	2.7263	2.9325	-	6.8388	7.2152	-	2.0723	1.4061						
2.6789	E+02	E+01	1.2167	E+03	E+06	6.2468	E+03	E+03						
-	2.1810	1.2858	-	0.0000	2.5071	-	1.6578	1.4114						
2.6789	E+02	E+02	1.2167	E+00	E+07	6.2468	E+03	E+03						
-	1.6358	1.7258	-	1.3678	4.5833	-	1.2434	1.4879						
2.6789	E+02	E+02	1.2909	E+05	E-02	6.2468	E+03	E+03						
-	1.0905	1.6560	-	1.2310	1.8504	-	8.2891	8.6319						
2.6789	E+02	E+02	1.2909	E+05	E+03	6.2468	E+03	E+03						
-	5.4526	6.4701	-	1.1626	7.9239	-	4.1445	4.1630						
2.6789	E+01	E+02	1.2909	E+05	E+03	6.2468	E+03	E+04						
-	0.0000	2.2407	-	1.0942	1.4536	-	0.0000	1.4874						
2.6789	E+00	E+04	1.2909	E+05	E+04	6.2468	E+03	E+05						

Original Instruction: T05 0138-8633 VER 00
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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	3.3204	1.5812	-	1.0258	2.7718	-	9.1180	2.1215						
E+02	E+03	E+00	E+05	E+05	E+04	E+03	E+03	E-01						
-	3.3204	1.5267	-	9.5743	2.0571	-	8.7035	1.3196						
E+02	E+03	E+00	E+05	E+04	E+04	E+03	E+03	E+00						
-	3.3204	1.4722	-	8.8904	2.1962	-	7.8746	1.3196						
E+02	E+03	E+00	E+05	E+04	E+04	E+03	E+03	E+00						
-	3.3204	1.4177	-	8.2066	3.0129	-	7.4602	8.1003						
E+02	E+03	E+00	E+05	E+04	E+04	E+03	E+03	E-01						
-	3.3204	1.3631	-	7.5227	5.0709	-	6.2168	9.1667						
E+02	E+03	E+00	E+05	E+04	E+04	E+03	E+03	E-02						
-	3.3204	1.3086	-	6.8388	8.3375	-	4.9735	4.8602						
E+02	E+03	E+00	E+05	E+04	E+04	E+03	E+03	E-03						
-	3.3204	1.2541	-	6.1549	1.1439	-	4.5590	8.1773						
E+02	E+03	E+00	E+05	E+04	E+05	E+03	E+03	E+00						
-	3.3204	1.1996	-	5.4710	2.1911	-	4.1445	5.0384						
E+02	E+03	E+00	E+05	E+04	E+05	E+03	E+03	E+00						
-	3.3204	1.0905	-	4.7872	3.1369	-	3.7301	7.1296						
E+02	E+03	E+00	E+05	E+04	E+05	E+03	E+03	E+00						
-	3.3204	1.0360	-	4.1033	5.6543	-	3.3156	1.4113						
E+02	E+03	E+00	E+05	E+04	E+05	E+03	E+03	E+00						
-	3.3204	9.2694	-	3.4194	1.1460	-	2.9012	1.3719						
E+02	E+02	E+00	E+05	E+04	E+06	E+03	E+03	E+02						
-	3.3204	8.1789	-	2.7355	2.5493	-	1.6578	1.4062						
E+02	E+02	E+00	E+05	E+04	E+06	E+03	E+03	E+02						
-	3.3204	7.6336	-	2.0516	4.7832	-	1.2434	1.7049						
E+02	E+02	E+00	E+05	E+04	E+06	E+03	E+03	E+03						
-	3.3204	7.0884	-	1.3678	6.6850	-	8.2891	1.2777						
E+02	E+02	E+00	E+05	E+04	E+06	E+03	E+02	E+03						
-	3.3204	6.5431	-	6.8388	8.2849	-	4.1445	1.7945						
E+02	E+02	E+00	E+05	E+03	E+06	E+03	E+02	E+04						
-	3.3204	5.9978	-	0.0000	3.2765	-	0.0000	5.0200						
E+02	E+02	E+00	E+05	E+00	E+07	E+03	E+00	E+04						
-	3.3204	5.4526	-	1.2994	1.9125	-	7.8746	3.0382						
E+02	E+02	E+00	E+05	E+05	E+02	E+03	E+03	E-01						
-	3.3204	4.9073	-	1.2310	1.9289	-	6.2168	1.3196						
E+02	E+02	E+01	E+05	E+05	E+02	E+03	E+03	E+00						

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 2023-08-29 by W&S
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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	3.3204	2.0641	-	1.1626	6.9980	-	5.3879	1.5317						
E+02	4.3621	E+01	E+05	E+05	E+02	E+03	E+03	E+00						
-	3.3204	4.9293	-	1.0942	9.8341	-	3.7301	1.0222						
E+02	3.8168	E+01	E+05	E+05	E+03	E+03	E+03	E+00						
-	3.3204	3.6782	-	1.0258	1.6292	-	3.3156	1.0222						
E+02	3.2715	E+01	E+05	E+05	E+04	E+03	E+03	E+00						
-	3.3204	3.5532	-	9.5743	3.2711	-	2.9012	5.0384						
E+02	2.7263	E+01	E+05	E+04	E+04	E+03	E+03	E+00						
-	3.3204	6.2385	-	8.8904	2.9639	-	2.4867	9.1667						
E+02	2.1810	E+01	E+05	E+04	E+04	E+03	E+03	E-02						
-	3.3204	8.2314	-	8.2066	4.6484	-	2.0723	2.2872						
E+02	1.6358	E+01	E+05	E+04	E+04	E+03	E+03	E+01						
-	3.3204	1.3534	-	7.5227	5.6851	-	1.6578	3.9548						
E+02	1.0905	E+02	E+05	E+04	E+04	E+03	E+03	E-01						
-	3.3204	4.4246	-	6.8388	8.8187	-	1.2434	2.6395						
E+02	5.4526	E+02	E+05	E+04	E+04	E+03	E+03	E+01						
-	3.3204	8.3191	-	6.1549	1.4402	-	8.2891	4.5765						
E+02	0.0000	E+02	E+05	E+04	E+05	E+03	E+02	E+01						
-	3.9620	3.3804	-	5.4710	2.0903	-	4.1445	2.2265						
E+02	1.4177	E+00	E+05	E+04	E+05	E+03	E+02	E+03						
-	3.9620	1.7500	-	4.7872	3.8607	-	0.0000	2.6864						
E+02	1.3631	E+00	E+05	E+04	E+05	E+03	E+00	E+04						
-	3.9620	3.3804	-	4.1033	7.9490	-	7.0457	2.1215						
E+02	1.0360	E+00	E+05	E+04	E+05	E+03	E+03	E-01						
-	3.9620	1.2500	-	3.4194	1.5370	-	2.9012	1.3196						
E+02	7.6336	E+00	E+05	E+04	E+06	E+03	E+03	E+00						
-	3.9620	6.8804	-	2.7355	3.0325	-	2.0723	1.8356						
E+02	6.5431	E+00	E+05	E+04	E+06	E+03	E+03	E+00						
-	3.9620	1.3522	-	2.0516	5.5067	-	1.6578	5.8484						
E+02	5.9978	E+01	E+05	E+04	E+06	E+03	E+03	E+00						
-	3.9620	3.5000	-	1.3678	7.5950	-	1.2434	8.1003						
E+02	5.4526	E+00	E+05	E+04	E+06	E+03	E+03	E-01						
-	3.9620	1.3641	-	6.8388	1.0321	-	8.2891	9.0170						
E+02	4.9073	E+01	E+05	E+03	E+07	E+03	E+02	E-01						
-	3.9620	1.0261	-	0.0000	4.1110	-	4.1445	2.3822						
E+02	4.3621	E+01	E+05	E+00	E+07	E+03	E+02	E+03						

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S RIE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	3.9620	3.4163	-	1.2310	1.9120	-	0.0000	3.3758						
3.9620	3.8168	E+01	1.4395	E+05	E+02	7.8594	E+00	E+03						
-	3.9620	2.2130	-	1.0942	1.9458	-	3.7301	9.1667						
3.9620	3.2715	E+01	1.4395	E+05	E+02	8.3969	E+03	E-02						
-	3.9620	3.7373	-	1.0258	1.4618	-	2.4867	9.1667						
3.9620	2.7263	E+01	1.4395	E+05	E+03	8.3969	E+03	E-02						
-	3.9620	4.1673	-	9.5743	4.8739	-	1.6578	2.1215						
3.9620	2.1810	E+01	1.4395	E+05	E+03	8.3969	E+03	E-01						
-	3.9620	5.5529	-	8.8904	2.6357	-	8.2891	6.9239						
3.9620	1.6358	E+01	1.4395	E+05	E+04	8.3969	E+03	E+00						
-	3.9620	1.0705	-	8.2066	6.0693	-	4.1445	6.0987						
3.9620	1.0905	E+02	1.4395	E+05	E+04	8.3969	E+03	E+02						
-	3.9620	1.8934	-	7.5227	1.2510	-	0.0000	4.5589						
3.9620	5.4526	E+02	1.4395	E+05	E+05	8.3969	E+03	E+02						
-	3.9620	2.6006	-	6.8388	1.5222	-	5.3879	9.1667						
3.9620	0.0000	E+03	1.4395	E+05	E+05	8.9345	E+03	E-02						
-	4.6035	1.6902	-	6.1549	1.9427	-	3.3156	9.1667						
4.6035	1.7448	E+00	1.4395	E+05	E+05	8.9345	E+03	E-02						
-	4.6035	1.6902	-	5.4710	3.8588	-	1.6578	9.1667						
4.6035	1.6903	E+00	1.4395	E+05	E+05	8.9345	E+03	E-02						
-	4.6035	1.6902	-	4.7872	6.2866	-	8.2891	1.4113						
4.6035	1.5812	E+00	1.4395	E+05	E+05	8.9345	E+03	E+00						
-	4.6035	5.0706	-	4.1033	1.1370	-	4.1445	3.1701						
4.6035	1.4177	E+00	1.4395	E+05	E+06	8.9345	E+03	E+01						
-	4.6035	1.6902	-	3.4194	2.4599	-	0.0000	1.3679						
4.6035	1.3086	E+00	1.4395	E+05	E+06	8.9345	E+03	E+03						
-	4.6035	1.6902	-	2.7355	4.5925	-	4.1445	1.7846						
4.6035	1.1996	E+00	1.4395	E+05	E+06	9.4720	E+03	E+01						
-	4.6035	3.3804	-	2.0516	7.7887	-	0.0000	2.2138						
4.6035	8.7241	E+00	1.4395	E+05	E+06	9.4720	E+03	E+02						
-	4.6035	3.3804	-	1.3678	9.3230	-	0.0000	1.4113						
4.6035	8.1789	E+00	1.4395	E+05	E+06	1.0010	E+04	E+00						
-	4.6035	3.5000	-	6.8388	1.3174	-	0.0000	1.3196						
4.6035	5.4526	E+00	1.4395	E+05	E+07	1.1085	E+04	E+00						
-	4.6035	1.3641	-	0.0000	5.2029									
4.6035	4.9073	E+01	1.4395	E+05	E+07									

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Markov Matrices

F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 4.6035 E+02	4.3621 E+02	1.3733 E+01	- 1.5138 E+05	1.2994 E+05	1.6902 E+00									
- 4.6035 E+02	3.8168 E+02	6.8804 E+00	- 1.5138 E+05	1.2310 E+05	1.6902 E+00									
- 4.6035 E+02	3.2715 E+02	3.7043 E+01	- 1.5138 E+05	1.0942 E+05	6.7608 E+00									
- 4.6035 E+02	2.7263 E+02	2.8151 E+01	- 1.5138 E+05	1.0258 E+05	1.9627 E+02									
- 4.6035 E+02	2.1810 E+02	6.0775 E+01	- 1.5138 E+05	9.5743 E+04	5.4944 E+03									
- 4.6035 E+02	1.6358 E+02	8.5095 E+01	- 1.5138 E+05	8.2066 E+04	1.0318 E+04									
- 4.6035 E+02	1.0905 E+02	8.7684 E+01	- 1.5138 E+05	7.5227 E+04	1.5649 E+04									
- 4.6035 E+02	5.4526 E+01	1.6940 E+02	- 1.5138 E+05	6.8388 E+04	9.1205 E+04									
- 4.6035 E+02	0.0000 E+00	1.8099 E+02	- 1.5138 E+05	6.1549 E+04	1.4234 E+05									
- 5.2450 E+02	1.5267 E+03	1.6902 E+00	- 1.5138 E+05	5.4710 E+04	3.1353 E+05									
- 5.2450 E+02	8.7241 E+02	3.3804 E+00	- 1.5138 E+05	4.7872 E+04	5.9712 E+05									
- 5.2450 E+02	7.0884 E+02	3.5000 E+00	- 1.5138 E+05	4.1033 E+04	1.2370 E+06									
- 5.2450 E+02	6.5431 E+02	3.3804 E+00	- 1.5138 E+05	3.4194 E+04	2.7533 E+06									
- 5.2450 E+02	5.9978 E+02	3.5000 E+00	- 1.5138 E+05	2.7355 E+04	5.3242 E+06									
- 5.2450 E+02	5.4526 E+02	3.5000 E+00	- 1.5138 E+05	2.0516 E+04	8.8433 E+06									
- 5.2450 E+02	4.9073 E+02	1.0261 E+01	- 1.5138 E+05	1.3678 E+04	1.0886 E+07									
- 5.2450 E+02	4.3621 E+02	6.8804 E+00	- 1.5138 E+05	6.8388 E+03	1.4946 E+07									
- 5.2450 E+02	3.8168 E+02	1.0472 E+01	- 1.5138 E+05	0.0000 E+00	5.5633 E+07									

Original Instruction: T05 0138-8633 VER 00
4426-7700-00-00-01-0 - Jaberster@dnv.com - Yvonne Förster

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	3.8168	6.8804	-	1.0258	1.6902									
6.5281	E+02	E+00	1.6624	E+05	E+00									
-	3.2715	6.8804	-	6.8388	5.0706									
6.5281	E+02	E+00	1.6624	E+05	E+00									
-	2.1810	2.6782	-	6.1549	3.3804									
6.5281	E+02	E+01	1.6624	E+05	E+00									
-	1.6358	3.3782	-	4.7872	1.7829									
6.5281	E+02	E+01	1.6624	E+05	E+04									
-	1.0905	2.4683	-	4.1033	2.8855									
6.5281	E+02	E+01	1.6624	E+05	E+04									
-	5.4526	8.7177	-	3.4194	2.0352									
6.5281	E+02	E+01	1.6624	E+05	E+05									
-	0.0000	6.1578	-	2.7355	5.9369									
6.5281	E+02	E+01	1.6624	E+05	E+05									
-	7.6336	3.3804	-	2.0516	1.1644									
7.1697	E+02	E+00	1.6624	E+05	E+06									
-	6.5431	3.3804	-	1.3678	1.2534									
7.1697	E+02	E+00	1.6624	E+05	E+06									
-	3.8168	3.3804	-	6.8388	2.0469									
7.1697	E+02	E+00	1.6624	E+05	E+06									
-	3.2715	3.3804	-	0.0000	1.2707									
7.1697	E+02	E+00	1.6624	E+05	E+07									
-	2.7263	3.3804	-	5.4710	3.3804									
7.1697	E+02	E+00	1.7367	E+05	E+00									
-	1.6358	1.3641	-	4.7872	3.3804									
7.1697	E+02	E+01	1.7367	E+05	E+00									
-	1.0905	2.3401	-	4.1033	3.3804									
7.1697	E+02	E+01	1.7367	E+05	E+00									
-	5.4526	3.5891	-	3.4194	3.3127									
7.1697	E+02	E+01	1.7367	E+05	E+03									
-	0.0000	2.2250	-	2.7355	2.1469									
7.1697	E+02	E+01	1.7367	E+05	E+04									
-	2.1810	3.3804	-	2.0516	3.2132									
7.8112	E+02	E+00	1.7367	E+05	E+04									
-	1.6358	3.5000	-	1.3678	6.5436									
7.8112	E+02	E+00	1.7367	E+05	E+04									

Original Instruction: T05 0138-8633 VER 00
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Markov Matrices

F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	7.8112	1.3761	-	6.8388	2.1683									
E+02	1.0905	E+01	E+05	E+03	E+05									
-	7.8112	3.7282	-	0.0000	2.6158									
E+02	5.4526	E+01	E+05	E+00	E+06									
-	7.8112	4.6803	-	3.4194	6.7608									
E+02	0.0000	E+01	E+05	E+04	E+00									
-	8.4527	3.3804	-	2.0516	1.0141									
E+02	4.9073	E+00	E+05	E+04	E+01									
-	8.4527	6.7608	-	1.3678	2.0282									
E+02	1.6358	E+00	E+05	E+04	E+01									
-	8.4527	1.7261	-	6.8388	9.9703									
E+02	5.4526	E+01	E+05	E+03	E+03									
-	8.4527	1.0500	-	0.0000	2.4770									
E+02	0.0000	E+01	E+05	E+00	E+05									
-	9.0943	6.7608	-	2.7355	3.3804									
E+02	5.4526	E+00	E+05	E+04	E+00									
-	9.7358	3.3804	-	1.3678	1.0141									
E+02	1.6358	E+00	E+05	E+04	E+01									
-	1.0377	3.3804	-	6.8388	1.6902									
E+03	2.1810	E+00	E+05	E+03	E+01									
-	1.0377	3.3804	-	0.0000	2.2256									
E+03	5.4526	E+00	E+05	E+00	E+03									
			-	1.3678	3.3804									
			E+05	E+04	E+00									
			-	6.8388	3.3804									
			E+05	E+03	E+00									
			-	0.0000	1.3522									
			E+05	E+00	E+01									
			-	1.3678	3.3804									
			E+05	E+04	E+00									
			-	0.0000	1.3522									
			E+05	E+00	E+01									
			-	0.0000	1.6902									
			E+05	E+00	E+01									

4424-7700-00-00-01-0 - Jaberster@dnv.com - Yvonne Förster
 Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



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 VAT No: DK89632314

Class T05

Document: 0138-8633 VER 00	Description: Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00	Page 357/410
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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles

Table 5-9 [7] Markov Matrix

2024-07-03 10:02:11 - y.foster@dnv.com - Yvonne Förster
 Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBSRRE

Appendix I. Markov matrices – issued from [8]

This appendix contains the Markov Matrices for the shear force, the bending moment and the torsional moment in the bottom of the tower, from ref. [8]. Foundation design must be verified for the most critical Markov matrices.

Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.5064 E+03	5.0777 E+01	8.0250 E+02	1.4192 E+05	6.9723 E+03	3.3804 E+00	8.7526 E+03	1.2157 E+03	3.3804 E+00	6.2170 E+02	0.0000 E+00	1.3196 E+00	8.3706 E+04	0.0000 E+00	4.8602 E-03
1.4476 E+03	5.0777 E+01	6.2500 E-01	1.3427 E+05	6.9723 E+03	3.3804 E+00	8.2509 E+03	0.0000 E+00	1.2510 E+02	5.6147 E+02	0.0000 E+00	1.3196 E+00	8.0050 E+04	3.3850 E+03	5.0000 E+00
1.4476 E+03	0.0000 E+00	8.2199 E+02	1.2662 E+05	0.0000 E+00	3.3804 E+00	7.2477 E+03	2.4314 E+03	3.3804 E+00	5.3136 E+02	2.9003 E+01	4.8602 E-03	8.0050 E+04	0.0000 E+00	2.0914 E+02
1.3889 E+03	5.0777 E+01	1.1200 E+03	1.1897 E+05	6.9723 E+03	3.3804 E+00	7.2477 E+03	0.0000 E+00	2.6291 E+01	5.3136 E+02	0.0000 E+00	1.0618 E+01	7.6394 E+04	3.3850 E+03	8.1003 E-01
1.3889 E+03	0.0000 E+00	1.5294 E+04	1.1897 E+05	0.0000 E+00	1.6401 E+01	6.7461 E+03	1.6209 E+03	3.3804 E+00	5.0125 E+02	2.9003 E+01	5.9788 E+00	7.6394 E+04	0.0000 E+00	5.8484 E+00
1.3302 E+03	1.0155 E+02	4.9713 E+03	1.1133 E+05	1.3945 E+04	3.3804 E+00	6.7461 E+03	4.0523 E+02	2.5869 E+02	5.0125 E+02	0.0000 E+00	3.4644 E+01	7.2738 E+04	3.3850 E+03	1.0000 E+01
1.3302 E+03	5.0777 E+01	1.0647 E+04	1.1133 E+05	6.9723 E+03	3.3804 E+00	6.7461 E+03	0.0000 E+00	1.8800 E+03	4.7114 E+02	2.3202 E+02	5.0000 E+00	7.2738 E+04	0.0000 E+00	8.9915 E+00
1.3302 E+03	0.0000 E+00	2.2688 E+04	1.1133 E+05	0.0000 E+00	2.4141 E+01	6.2444 E+03	1.6209 E+03	3.3804 E+00	4.7114 E+02	5.8005 E+01	1.0417 E+02	6.9082 E+04	1.6925 E+04	8.1003 E-01
1.2715 E+03	5.0777 E+02	4.5833 E-02	1.0368 E+05	4.1834 E+04	3.5000 E+00	6.2444 E+03	8.1046 E+02	4.0469 E+01	4.7114 E+02	2.9003 E+01	3.3976 E+01	6.9082 E+04	1.0155 E+04	5.0384 E+00
1.2715 E+03	1.5233 E+02	1.4000 E+03	1.0368 E+05	6.9723 E+03	1.7261 E+01	6.2444 E+03	4.0523 E+02	1.6460 E+02	4.7114 E+02	0.0000 E+00	3.6461 E+02	6.9082 E+04	3.3850 E+03	8.1003 E-01
1.2715 E+03	1.0155 E+02	1.1425 E+04	1.0368 E+05	0.0000 E+00	7.9486 E+01	6.2444 E+03	0.0000 E+00	4.4825 E+03	4.4103 E+02	1.7402 E+02	5.0000 E+00	6.9082 E+04	0.0000 E+00	2.5908 E+01
1.2715 E+03	5.0777 E+01	4.2271 E+04	9.6033 E+04	2.7889 E+04	1.0380 E+01	5.7428 E+03	4.0523 E+03	3.3804 E+00	4.4103 E+02	8.7008 E+01	1.0005 E+01	6.5426 E+04	1.6925 E+04	2.1215 E-01
1.2715 E+03	0.0000 E+00	8.4697 E+04	9.6033 E+04	1.3945 E+04	6.8804 E+00	5.7428 E+03	3.2418 E+03	3.3804 E+00	4.4103 E+02	5.8005 E+01	6.3196 E+00	6.5426 E+04	1.3540 E+04	2.8351 E+00
1.2127 E+03	2.0311 E+02	1.1047 E+03	9.6033 E+04	6.9723 E+03	3.1352 E+01	5.7428 E+03	2.8366 E+03	5.5795 E+00	4.4103 E+02	2.9003 E+01	5.3055 E+01	6.5426 E+04	6.7701 E+03	5.0000 E+00
1.2127 E+03	1.5233 E+02	1.3664 E+04	9.6033 E+04	0.0000 E+00	7.1923 E+01	5.7428 E+03	2.0261 E+03	6.7836 E+01	4.4103 E+02	0.0000 E+00	2.0841 E+02	6.5426 E+04	3.3850 E+03	2.7775 E+01
1.2127 E+03	1.0155 E+02	3.3886 E+04	8.8386 E+04	3.4862 E+04	3.5000 E+00	5.7428 E+03	1.2157 E+03	1.1159 E+01	4.1092 E+02	1.4501 E+02	4.8602 E-03	6.5426 E+04	0.0000 E+00	1.6747 E+01
1.2127 E+03	5.0777 E+01	1.5819 E+05	8.8386 E+04	2.7889 E+04	3.3804 E+00	5.7428 E+03	8.1046 E+02	3.7252 E+02	4.1092 E+02	5.8005 E+01	1.8471 E+01	6.1771 E+04	1.3540 E+04	8.1003 E-01
1.2127 E+03	0.0000 E+00	3.0902 E+05	8.8386 E+04	2.0917 E+04	1.3880 E+01	5.7428 E+03	4.0523 E+02	5.2506 E+03	4.1092 E+02	2.9003 E+01	5.0774 E+02	6.1771 E+04	6.7701 E+03	1.6938 E+01
1.1540 E+03	4.5699 E+02	3.8240 E+02	8.8386 E+04	1.3945 E+04	1.3880 E+01	5.7428 E+03	0.0000 E+00	8.7641 E+03	4.1092 E+02	0.0000 E+00	8.9481 E+02	6.1771 E+04	3.3850 E+03	1.3078 E+02
1.1540 E+03	3.5544 E+02	3.3804 E+00	8.8386 E+04	6.9723 E+03	3.8261 E+01	5.2412 E+03	1.1752 E+04	6.8237 E+01	3.8080 E+02	1.1601 E+02	1.5000 E+01	6.1771 E+04	0.0000 E+00	1.5459 E+02
1.1540 E+03	3.0466 E+02	3.3804 E+00	8.8386 E+04	0.0000 E+00	7.5684 E+01	5.2412 E+03	5.2680 E+03	1.7872 E+01	3.8080 E+02	8.7008 E+01	1.5707 E+01	5.8115 E+04	4.4006 E+04	1.3196 E+00
1.1540 E+03	2.5389 E+02	2.4177 E+03	8.0739 E+04	3.4862 E+04	3.5000 E+00	5.2412 E+03	4.4575 E+03	1.2500 E+00	3.8080 E+02	5.8005 E+01	3.2377 E+01	5.8115 E+04	3.3850 E+04	1.5317 E+00
1.1540 E+03	2.0311 E+02	1.3526 E+04	8.0739 E+04	2.7889 E+04	3.5000 E+00	5.2412 E+03	3.6471 E+03	5.6712 E+00	3.8080 E+02	2.9003 E+01	8.9555 E+02	5.8115 E+04	2.7080 E+04	5.0384 E+00
1.1540 E+03	1.5233 E+02	4.0378 E+04	8.0739 E+04	2.0917 E+04	7.0000 E+00	5.2412 E+03	2.8366 E+03	1.2500 E+00	3.8080 E+02	0.0000 E+00	2.1715 E+03	5.8115 E+04	2.3695 E+04	2.1215 E-01



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.1540	1.0155	1.4936	8.0739	1.3945	1.3761	5.2412	2.4314	4.6533	3.5069	2.9003	8.1003	5.8115	1.6925	1.3196
E+03	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E-01	E+04	E+04	E+00
1.1540	5.0777	5.2695	8.0739	6.9723	5.7923	5.2412	2.0261	2.5230	3.5069	2.0302	1.0000	5.8115	1.3540	2.8351
E+03	E+01	E+05	E+04	E+03	E+01	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+00
1.1540	0.0000	1.0437	8.0739	0.0000	8.6184	5.2412	1.2157	5.0384	3.5069	1.4501	1.2782	5.8115	1.0155	1.7439
E+03	E+00	E+06	E+04	E+00	E+01	E+03	E+03	E+00	E+02	E+02	E-01	E+04	E+04	E+00
1.0953	9.1399	3.3804	7.3092	3.4862	3.3804	5.2412	8.1046	1.2682	3.5069	1.1601	5.9378	5.8115	6.7701	2.1296
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+02	E+03	E+02	E+02	E+00	E+04	E+03	E+00
1.0953	5.5855	3.3804	7.3092	2.7889	7.0000	5.2412	4.0523	1.0185	3.5069	8.7008	1.5304	5.8115	3.3850	6.7111
E+03	E+02	E+00	E+04	E+04	E+00	E+03	E+02	E+03	E+02	E+01	E+01	E+04	E+03	E+01
1.0953	5.0777	4.0463	7.3092	2.0917	3.3804	5.2412	0.0000	2.3112	3.5069	5.8005	1.8465	5.8115	0.0000	3.7292
E+03	E+02	E+02	E+04	E+04	E+00	E+03	E+00	E+04	E+02	E+01	E+01	E+04	E+00	E+02
1.0953	3.5544	8.1264	7.3092	1.3945	2.7282	4.7396	9.7255	2.7898	3.5069	2.9003	1.4574	5.4459	4.4006	2.6042
E+03	E+02	E+02	E+04	E+04	E+01	E+03	E+03	E+00	E+02	E+01	E+03	E+04	E+04	E+00
1.0953	2.5389	8.2564	7.3092	6.9723	1.9641	4.7396	7.2941	5.1517	3.5069	0.0000	5.9111	5.4459	3.0465	2.0833
E+03	E+02	E+03	E+04	E+03	E+01	E+03	E+03	E+01	E+02	E+00	E+03	E+04	E+04	E+02
1.0953	2.0311	4.0252	7.3092	0.0000	1.2385	4.7396	5.6732	1.7872	3.2058	2.6102	5.2122	5.4459	2.3695	2.1215
E+03	E+02	E+04	E+04	E+00	E+02	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E-01
1.0953	1.5233	1.7764	6.5445	1.5339	1.6902	4.7396	4.8628	2.6882	3.2058	2.3202	7.8351	5.4459	2.0310	2.1358
E+03	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+02
1.0953	1.0155	7.2290	6.5445	1.4642	1.6902	4.7396	4.4575	3.3804	3.2058	2.0302	5.0384	5.4459	1.6925	2.3418
E+03	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E+00
1.0953	5.0777	1.8799	6.5445	9.0640	3.3804	4.7396	2.4314	1.1159	3.2058	1.7402	1.0092	5.4459	1.3540	1.1478
E+03	E+01	E+06	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+01
1.0953	0.0000	3.1426	6.5445	6.2751	3.5000	4.7396	2.0261	7.4562	3.2058	1.4501	5.4090	5.4459	1.0155	3.4716
E+03	E+00	E+06	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+00
1.0366	9.1399	4.0125	6.5445	4.1834	3.5000	4.7396	1.6209	8.0325	3.2058	1.1601	1.3759	5.4459	6.7701	3.0689
E+03	E+02	E+02	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+03	E+01
1.0366	8.6321	1.1013	6.5445	3.4862	8.2500	4.7396	1.2157	1.6897	3.2058	8.7008	2.2091	5.4459	3.3850	8.4733
E+03	E+02	E+03	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+01	E+01	E+04	E+03	E+01
1.0366	7.1088	4.2050	6.5445	2.7889	3.5000	4.7396	8.1046	1.3238	3.2058	5.8005	4.3728	5.4459	0.0000	8.0894
E+03	E+02	E+03	E+04	E+04	E+00	E+03	E+02	E+03	E+02	E+01	E+02	E+04	E+00	E+02
1.0366	6.6010	3.8578	6.5445	2.0917	1.0261	4.7396	4.0523	3.1810	3.2058	2.9003	3.2155	5.0803	3.0465	2.1215
E+03	E+02	E+02	E+04	E+04	E+01	E+03	E+02	E+04	E+02	E+01	E+03	E+04	E+04	E-01
1.0366	6.0932	1.6902	6.5445	1.3945	6.5644	4.7396	0.0000	1.5799	3.2058	0.0000	1.0298	5.0803	2.3695	5.5795
E+03	E+02	E+01	E+04	E+04	E+01	E+03	E+00	E+05	E+02	E+00	E+04	E+04	E+04	E+00
1.0366	5.5855	2.5619	6.5445	6.9723	4.4043	4.2379	1.0131	1.0651	2.9047	4.6404	5.0000	5.0803	2.0310	2.8305
E+03	E+02	E+03	E+04	E+03	E+01	E+03	E+04	E+01	E+02	E+02	E+00	E+04	E+04	E+01
1.0366	5.0777	7.7109	6.5445	0.0000	1.6515	4.2379	8.1046	3.7281	2.9047	4.0604	5.0000	5.0803	1.6925	7.3418
E+03	E+02	E+03	E+04	E+00	E+02	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+00
1.0366	4.5699	6.8794	5.7798	1.8128	3.3804	4.2379	7.6994	1.2385	2.9047	3.7703	4.0501	5.0803	1.3540	1.1674
E+03	E+02	E+02	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E-01	E+04	E+04	E+01
1.0366	4.0622	1.1849	5.7798	1.6734	1.7500	4.2379	6.8889	1.9697	2.9047	3.4803	1.2500	5.0803	1.0155	4.3079
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+01
1.0366	3.5544	5.9229	5.7798	1.4642	1.7500	4.2379	6.0784	2.4233	2.9047	3.1903	5.0000	5.0803	6.7701	2.5668
E+03	E+02	E+03	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+03	E+02
1.0366	3.0466	2.4828	5.7798	1.3945	1.6902	4.2379	5.2680	5.5795	2.9047	2.9003	1.0571	5.0803	3.3850	2.2042
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+02	E+01	E+04	E+03	E+03
1.0366	2.5389	2.7700	5.7798	1.2550	3.4402	4.2379	4.4575	1.1092	2.9047	2.6102	1.5000	5.0803	0.0000	2.3463
E+03	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+00	E+03
1.0366	2.0311	2.0327	5.7798	9.7613	3.3804	4.2379	4.0523	2.8132	2.9047	2.3202	5.5408	4.7147	4.4006	2.1800
E+03	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+00	E+04	E+04	E+01

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.0366	1.5233	7.1574	5.7798	9.0640	3.3804	4.2379	3.6471	1.8774	2.9047	2.0302	2.6099	4.7147	3.7235	5.5795
E+03	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+00
1.0366	1.0155	1.9285	5.7798	6.2751	6.7608	4.2379	3.2418	2.2138	2.9047	1.7402	1.0414	4.7147	3.3850	1.9446
E+03	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+00
1.0366	5.0777	5.6756	5.7798	5.5779	6.7608	4.2379	2.8366	1.5321	2.9047	1.4501	2.1120	4.7147	3.0465	7.9515
E+03	E+01	E+06	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+04	E+00
1.0366	0.0000	7.1409	5.7798	4.8806	3.3804	4.2379	2.4314	3.1113	2.9047	1.1601	2.5707	4.7147	2.7080	2.1349
E+03	E+00	E+06	E+04	E+04	E+00	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+02
9.7782	1.4725	1.6902	5.7798	4.1834	2.0613	4.2379	2.0261	9.4404	2.9047	8.7008	2.5815	4.7147	2.3695	2.3967
E+02	E+03	E+00	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+01	E+03	E+04	E+04	E+02
9.7782	1.1171	3.8240	5.7798	3.4862	6.7608	4.2379	1.6209	3.3762	2.9047	5.8005	3.0765	4.7147	2.0310	6.2727
E+02	E+03	E+02	E+04	E+04	E+00	E+03	E+03	E+03	E+02	E+01	E+03	E+04	E+04	E+00
9.7782	1.0663	2.6810	5.7798	2.7889	2.4261	4.2379	1.2157	1.6962	2.9047	2.9003	8.6710	4.7147	1.6925	1.5243
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+01	E+03	E+04	E+04	E+01
9.7782	9.6476	1.1849	5.7798	2.0917	2.4141	4.2379	8.1046	3.7101	2.9047	0.0000	1.9417	4.7147	1.3540	4.4356
E+02	E+02	E+03	E+04	E+04	E+01	E+03	E+02	E+04	E+02	E+00	E+04	E+04	E+04	E+01
9.7782	9.1399	1.7536	5.7798	1.3945	3.3641	4.2379	4.0523	1.3214	2.6036	6.6706	3.9238	4.7147	1.0155	2.5917
E+02	E+02	E+03	E+04	E+04	E+01	E+03	E+02	E+05	E+02	E+02	E+00	E+04	E+04	E+02
9.7782	8.6321	1.0373	5.7798	6.9723	8.1808	4.2379	0.0000	3.0725	2.6036	5.2205	2.1215	4.7147	6.7701	3.3138
E+02	E+02	E+04	E+04	E+03	E+01	E+03	E+00	E+05	E+02	E+02	E-01	E+04	E+03	E+02
9.7782	8.1243	1.7166	5.7798	0.0000	1.8692	3.7363	1.1752	1.7872	2.6036	4.9304	6.3196	4.7147	3.3850	7.4916
E+02	E+02	E+04	E+04	E+00	E+02	E+03	E+04	E+01	E+02	E+02	E+00	E+04	E+03	E+02
9.7782	7.6166	3.0246	5.0151	1.7431	6.2500	3.7363	1.0131	6.2500	2.6036	4.6404	2.0833	4.7147	0.0000	8.7154
E+02	E+02	E+04	E+04	E+05	E-01	E+03	E+04	E-01	E+02	E+02	E+02	E+04	E+00	E+03
9.7782	7.1088	2.4529	5.0151	1.6036	1.6902	3.7363	9.7255	6.2500	2.6036	4.3504	5.0384	4.3491	6.0931	2.6392
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E-01	E+02	E+02	E+00	E+04	E+04	E+00
9.7782	6.6010	5.6551	5.0151	1.5339	5.2500	3.7363	8.5098	2.7898	2.6036	4.0604	2.0872	4.3491	5.7546	1.3196
E+02	E+02	E+04	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E+00
9.7782	6.0932	1.0228	5.0151	1.3945	3.3804	3.7363	7.6994	1.4172	2.6036	3.7703	1.2343	4.3491	4.4006	9.7071
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+02	E+02	E+02	E+00	E+04	E+04	E+00
9.7782	5.5855	1.5935	5.0151	1.3247	3.4402	3.7363	7.2941	5.5795	2.6036	3.4803	5.2122	4.3491	4.0621	1.3196
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+02	E+00	E+04	E+04	E+00
9.7782	5.0777	1.5607	5.0151	1.2550	1.7500	3.7363	6.8889	1.1349	2.6036	3.1903	4.2956	4.3491	3.7235	2.7804
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+01
9.7782	4.5699	2.3771	5.0151	1.1853	1.6902	3.7363	6.4837	9.0170	2.6036	2.9003	2.3418	4.3491	3.3850	9.6400
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E-01	E+02	E+02	E+00	E+04	E+04	E+01
9.7782	4.0622	2.7848	5.0151	1.1156	3.5000	3.7363	6.0784	1.1265	2.6036	2.6102	6.6201	4.3491	3.0465	2.8941
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+02
9.7782	3.5544	4.2103	5.0151	7.6696	1.0141	3.7363	5.6732	7.3221	2.6036	2.3202	1.0157	4.3491	2.7080	2.6135
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+02
9.7782	3.0466	3.4498	5.0151	6.9723	1.4000	3.7363	5.2680	1.1873	2.6036	2.0302	2.2566	4.3491	2.3695	1.9647
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+04	E+01
9.7782	2.5389	5.9471	5.0151	6.2751	7.0000	3.7363	4.8628	1.6410	2.6036	1.7402	4.4059	4.3491	2.0310	1.0567
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+02
9.7782	2.0311	1.0573	5.0151	5.5779	1.3880	3.7363	4.4575	1.7298	2.6036	1.4501	5.0673	4.3491	1.6925	6.0605
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+01	E+04	E+04	E+01
9.7782	1.5233	2.7041	5.0151	4.8806	1.3761	3.7363	4.0523	7.3024	2.6036	1.1601	4.7366	4.3491	1.3540	3.4465
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+03	E+04	E+04	E+02
9.7782	1.0155	6.2375	5.0151	4.1834	1.5130	3.7363	3.6471	2.7238	2.6036	8.7008	2.2974	4.3491	1.0155	5.0384
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+01	E+03	E+04	E+04	E+02
9.7782	5.0777	1.2604	5.0151	3.4862	3.0401	3.7363	3.2418	1.3362	2.6036	5.8005	6.1147	4.3491	6.7701	9.0530
E+02	E+01	E+07	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+01	E+03	E+04	E+03	E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
9.7782	0.0000	1.5223	5.0151	2.7889	2.2011	3.7363	2.8366	1.7124	2.6036	2.9003	2.7258	4.3491	3.3850	7.4596
E+02	E+00	E+07	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+01	E+04	E+04	E+03	E+03
9.1910	1.4218	1.5321	5.0151	2.0917	5.1261	3.7363	2.4314	4.6790	2.6036	0.0000	6.4838	4.3491	0.0000	2.9639
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+00	E+04	E+04	E+00	E+04
9.1910	1.3710	4.0125	5.0151	1.3945	4.8402	3.7363	2.0261	2.5087	2.3025	6.3806	5.0000	3.9835	5.7546	2.1303
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+01
9.1910	1.2694	5.7360	5.0151	6.9723	1.0061	3.7363	1.6209	1.4318	2.3025	5.5105	2.1215	3.9835	5.0776	2.0833
E+02	E+03	E+02	E+04	E+03	E+02	E+03	E+03	E+04	E+02	E+02	E-01	E+04	E+04	E+02
9.1910	1.2186	9.9539	5.0151	0.0000	2.3415	3.7363	1.2157	2.8132	2.3025	5.2205	1.2343	3.9835	4.7391	5.7314
E+02	E+03	E+02	E+04	E+00	E+03	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+00
9.1910	1.1679	1.9055	4.2504	1.5339	1.7500	3.7363	8.1046	8.1164	2.3025	4.9304	5.0302	3.9835	4.4006	3.4848
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+02	E+04	E+02	E+02	E+00	E+04	E+04	E+01
9.1910	1.1171	3.2860	4.2504	1.4642	5.1902	3.7363	4.0523	2.1966	2.3025	4.6404	2.4176	3.9835	4.0621	1.8884
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+02	E+05	E+02	E+02	E+01	E+04	E+04	E+01
9.1910	1.0663	2.3157	4.2504	1.3945	8.6304	3.7363	0.0000	5.8495	2.3025	4.3504	2.1443	3.9835	3.7235	4.0765
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+00	E+05	E+02	E+02	E+01	E+04	E+04	E+01
9.1910	1.0155	2.3853	4.2504	1.3247	1.0500	3.2347	1.2562	1.6902	2.3025	4.0604	2.2479	3.9835	3.3850	1.1516
E+02	E+03	E+04	E+04	E+05	E+01	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+04	E+02
9.1910	9.6476	5.3186	4.2504	1.2550	1.5571	3.2347	1.0941	1.7500	2.3025	3.7703	6.3465	3.9835	3.0465	1.3003
E+02	E+02	E+04	E+04	E+05	E+01	E+03	E+04	E+00	E+02	E+02	E+00	E+04	E+04	E+02
9.1910	9.1399	4.8498	4.2504	1.1853	1.9130	3.2347	1.0536	5.5795	2.3025	3.4803	6.1089	3.9835	2.7080	7.1388
E+02	E+02	E+04	E+04	E+05	E+01	E+03	E+04	E+00	E+02	E+02	E+00	E+04	E+04	E+02
9.1910	8.6321	1.1024	4.2504	1.1156	3.5000	3.2347	1.0131	6.2500	2.3025	3.1903	4.0824	3.9835	2.3695	5.9487
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+04	E-01	E+02	E+02	E+01	E+04	E+04	E+02
9.1910	8.1243	2.0004	4.2504	1.0458	7.0000	3.2347	9.3203	6.8991	2.3025	2.9003	2.6235	3.9835	2.0310	3.6023
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+00	E+02	E+02	E+01	E+04	E+04	E+02
9.1910	7.6166	2.6723	4.2504	8.3668	1.0380	3.2347	8.9151	2.3883	2.3025	2.6102	2.8457	3.9835	1.6925	7.2474
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+01	E+04	E+04	E+02
9.1910	7.1088	4.8981	4.2504	7.6696	1.3880	3.2347	8.1046	7.1570	2.3025	2.3202	5.7452	3.9835	1.3540	1.2322
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+01	E+04	E+04	E+03
9.1910	6.6010	7.1526	4.2504	6.9723	3.5000	3.2347	7.6994	5.7724	2.3025	2.0302	4.6797	3.9835	1.0155	4.0105
E+02	E+02	E+05	E+04	E+04	E+00	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+02
9.1910	6.0932	1.1032	4.2504	6.2751	1.3761	3.2347	7.2941	1.8151	2.3025	1.7402	4.9395	3.9835	6.7701	2.2393
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+02	E+04	E+03	E+03
9.1910	5.5855	1.5274	4.2504	5.5779	2.8730	3.2347	6.8889	2.1478	2.3025	1.4501	2.1819	3.9835	3.3850	1.2034
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+03	E+04	E+03	E+04
9.1910	5.0777	2.1506	4.2504	4.8806	1.8630	3.2347	6.4837	2.3677	2.3025	1.1601	3.5456	3.9835	0.0000	1.3687
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+03	E+04	E+00	E+05
9.1910	4.5699	2.5828	4.2504	4.1834	6.9125	3.2347	6.0784	4.3372	2.3025	8.7008	3.3166	3.6179	7.4471	5.5795
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+01	E+03	E+04	E+04	E+00
9.1910	4.0622	3.2336	4.2504	3.4862	4.9730	3.2347	5.6732	7.4120	2.3025	5.8005	1.3380	3.6179	6.7701	6.3895
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+01	E+04	E+04	E+04	E+00
9.1910	3.5544	3.6148	4.2504	2.7889	2.0761	3.2347	5.2680	2.4476	2.3025	2.9003	7.7380	3.6179	6.0931	2.1303
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+01	E+04	E+04	E+04	E+01
9.1910	3.0466	3.7956	4.2504	2.0917	5.4002	3.2347	4.8628	8.6277	2.3025	0.0000	1.7573	3.6179	5.7546	1.1159
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+00	E+05	E+04	E+04	E+01
9.1910	2.5389	3.8193	4.2504	1.3945	1.0932	3.2347	4.4575	9.0773	2.0013	8.4107	1.3196	3.6179	5.4161	1.1159
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+02	E+00	E+04	E+04	E+01
9.1910	2.0311	5.0592	4.2504	6.9723	3.9185	3.2347	4.0523	1.1389	2.0013	8.1207	1.3196	3.6179	5.0776	7.0679
E+02	E+02	E+06	E+04	E+03	E+02	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+00
9.1910	1.5233	7.4973	4.2504	0.0000	2.7228	3.2347	3.6471	1.5991	2.0013	6.9606	1.3196	3.6179	4.7391	8.9745
E+02	E+02	E+06	E+04	E+00	E+03	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
9.1910	1.0155	1.2951	3.4857	1.6734	1.7500	3.2347	3.2418	4.2684	2.0013	6.6706	2.3942	3.6179	4.4006	2.9573
E+02	E+02	E+07	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+01	E+04	E+04	E+02
9.1910	5.0777	2.2942	3.4857	1.5339	3.5000	3.2347	2.8366	5.2263	2.0013	6.3806	2.6047	3.6179	4.0621	7.8702
E+02	E+01	E+07	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E-01	E+04	E+04	E+01
9.1910	0.0000	2.5256	3.4857	1.3945	5.1902	3.2347	2.4314	4.8282	2.0013	6.0905	1.4257	3.6179	3.7235	7.1884
E+02	E+00	E+07	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+02
8.6037	1.4725	1.4835	3.4857	1.3247	1.3761	3.2347	2.0261	6.5098	2.0013	5.8005	2.1215	3.6179	3.3850	1.3382
E+02	E+03	E+03	E+04	E+05	E+01	E+03	E+03	E+04	E+02	E+02	E-01	E+04	E+04	E+02
8.6037	1.4218	4.0125	3.4857	1.2550	9.2554	3.2347	1.6209	1.0512	2.0013	5.5105	2.4533	3.6179	3.0465	6.4243
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+02
8.6037	1.3710	4.0125	3.4857	1.1853	6.9402	3.2347	1.2157	8.7348	2.0013	5.2205	7.6211	3.6179	2.7080	7.3412
E+02	E+03	E+02	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+01	E+04	E+04	E+02
8.6037	1.3202	1.1282	3.4857	1.1156	5.2500	3.2347	8.1046	1.6482	2.0013	4.9304	2.2301	3.6179	2.3695	9.5773
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+02	E+05	E+02	E+02	E+02	E+04	E+04	E+02
8.6037	1.2694	1.5667	3.4857	1.0458	6.9402	3.2347	4.0523	6.1062	2.0013	4.6404	2.2410	3.6179	2.0310	7.3911
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+02	E+05	E+02	E+02	E+02	E+04	E+04	E+02
8.6037	1.2186	1.0806	3.4857	9.7613	3.3804	3.2347	0.0000	1.4756	2.0013	4.3504	2.7315	3.6179	1.6925	2.6691
E+02	E+03	E+04	E+04	E+04	E+00	E+03	E+00	E+06	E+02	E+02	E+02	E+04	E+04	E+03
8.6037	1.1679	2.7474	3.4857	9.0640	1.6115	2.7331	1.8641	8.9360	2.0013	4.0604	2.9322	3.6179	1.3540	1.7627
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+04	E+03
8.6037	1.1171	6.1319	3.4857	8.3668	2.1807	2.7331	1.2562	2.5133	2.0013	3.7703	2.3493	3.6179	1.0155	7.3857
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+04	E+03
8.6037	1.0663	1.1485	3.4857	7.6696	2.8610	2.7331	1.1346	4.5833	2.0013	3.4803	2.6731	3.6179	6.7701	1.4375
E+02	E+03	E+05	E+04	E+04	E+01	E+03	E+04	E-02	E+02	E+02	E+02	E+04	E+03	E+04
8.6037	1.0155	1.4520	3.4857	6.9723	1.3761	2.7331	9.3203	2.1215	2.0013	3.1903	2.7935	3.6179	3.3850	4.7090
E+02	E+03	E+05	E+04	E+04	E+01	E+03	E+03	E-01	E+02	E+02	E+02	E+04	E+03	E+04
8.6037	9.6476	2.4503	3.4857	6.2751	2.4500	2.7331	8.9151	9.1404	2.0013	2.9003	4.6712	3.6179	0.0000	4.3235
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+00	E+05
8.6037	9.1399	3.8610	3.4857	5.5779	3.2260	2.7331	8.5098	2.5274	2.0013	2.6102	1.3869	3.2524	9.4781	4.0501
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E-01
8.6037	8.6321	4.8895	3.4857	4.8806	6.7539	2.7331	8.1046	2.1372	2.0013	2.3202	3.6062	3.2524	9.1396	2.1215
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E-01
8.6037	8.1243	8.9153	3.4857	4.1834	7.9367	2.7331	7.6994	5.9602	2.0013	2.0302	1.3594	3.2524	8.8011	1.3021
E+02	E+02	E+05	E+04	E+04	E+01	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+04	E+00
8.6037	7.6166	1.2806	3.4857	3.4862	8.9886	2.7331	7.2941	1.9609	2.0013	1.7402	1.3117	3.2524	8.4626	6.2500
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+03	E+02	E+02	E+03	E+04	E+04	E-01
8.6037	7.1088	1.8184	3.4857	2.7889	6.2761	2.7331	6.8889	9.6233	2.0013	1.4501	6.9821	3.2524	7.7856	9.1667
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+01	E+02	E+02	E+02	E+04	E+04	E-02
8.6037	6.6010	2.3153	3.4857	2.0917	1.8674	2.7331	6.4837	3.6517	2.0013	1.1601	4.3447	3.2524	7.4471	5.7917
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+02	E+03	E+04	E+04	E+00
8.6037	6.0932	3.2482	3.4857	1.3945	4.4213	2.7331	6.0784	7.5833	2.0013	8.7008	7.6027	3.2524	7.1086	1.2797
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+03	E+03	E+02	E+01	E+03	E+04	E+04	E+02
8.6037	5.5855	4.2889	3.4857	6.9723	1.5223	2.7331	5.6732	2.9499	2.0013	5.8005	4.0741	3.2524	6.7701	1.0799
E+02	E+02	E+06	E+04	E+03	E+04	E+03	E+03	E+04	E+02	E+01	E+04	E+04	E+04	E+02
8.6037	5.0777	5.5495	3.4857	0.0000	1.1744	2.7331	5.2680	3.9723	2.0013	2.9003	2.4662	3.2524	6.4316	1.6880
E+02	E+02	E+06	E+04	E+00	E+04	E+03	E+03	E+04	E+02	E+01	E+05	E+04	E+04	E-01
8.6037	4.5699	7.3189	2.7209	1.6734	6.2500	2.7331	4.8628	1.8890	2.0013	0.0000	5.6304	3.2524	6.0931	4.9725
E+02	E+02	E+06	E+04	E+05	E-01	E+03	E+03	E+04	E+02	E+00	E+05	E+04	E+04	E+01
8.6037	4.0622	8.1457	2.7209	1.5339	6.2500	2.7331	4.4575	1.0774	1.7002	8.4107	1.7246	3.2524	5.7546	7.2331
E+02	E+02	E+06	E+04	E+05	E-01	E+03	E+03	E+05	E+02	E+02	E+00	E+04	E+04	E+00
8.6037	3.5544	8.2980	2.7209	1.4642	1.6902	2.7331	4.0523	1.0089	1.7002	8.1207	2.1318	3.2524	5.4161	1.7821
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.6037	3.0466	8.6110	2.7209	1.3945	1.7500	2.7331	3.6471	6.4403	1.7002	7.8307	5.5795	3.2524	5.0776	2.3741
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+02	E+00	E+04	E+04	E+02
8.6037	2.5389	8.2133	2.7209	1.3247	5.2500	2.7331	3.2418	1.2976	1.7002	7.5407	1.3196	3.2524	4.7391	3.6639
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+00	E+04	E+04	E+02
8.6037	2.0311	8.7669	2.7209	1.2550	2.3152	2.7331	2.8366	1.9916	1.7002	7.2506	1.2500	3.2524	4.4006	2.0356
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+00	E+04	E+04	E+02
8.6037	1.5233	1.1855	2.7209	1.1853	6.8206	2.7331	2.4314	1.5925	1.7002	6.9606	2.1391	3.2524	4.0621	4.5482
E+02	E+02	E+07	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+02	E+04	E+04	E+02
8.6037	1.0155	1.9019	2.7209	1.1156	8.6304	2.7331	2.0261	1.7664	1.7002	6.6706	2.2910	3.2524	3.7235	7.6991
E+02	E+02	E+07	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+02
8.6037	5.0777	3.3186	2.7209	1.0458	5.1304	2.7331	1.6209	1.9195	1.7002	6.3806	9.7775	3.2524	3.3850	9.0337
E+02	E+01	E+07	E+04	E+05	E+00	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+02
8.6037	0.0000	3.1284	2.7209	9.7613	5.9667	2.7331	1.2157	2.5308	1.7002	6.0905	5.4978	3.2524	3.0465	8.0918
E+02	E+00	E+07	E+04	E+04	E+00	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+02
8.0164	1.6756	4.0125	2.7209	9.0640	1.0440	2.7331	8.1046	4.3645	1.7002	5.8005	4.2723	3.2524	2.7080	2.4380
E+02	E+03	E+02	E+04	E+04	E+01	E+03	E+02	E+05	E+02	E+02	E+01	E+04	E+04	E+03
8.0164	1.6249	1.8876	2.7209	8.3668	1.2011	2.7331	4.0523	1.1924	1.7002	5.5105	3.1076	3.2524	2.3695	4.1212
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+02	E+06	E+02	E+02	E+01	E+04	E+04	E+03
8.0164	1.5741	2.2159	2.7209	7.6696	2.8245	2.7331	0.0000	2.6600	1.7002	5.2205	1.1352	3.2524	2.0310	7.2533
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+00	E+06	E+02	E+02	E+02	E+04	E+04	E+03
8.0164	1.5233	1.2343	2.7209	6.9723	4.9297	2.2314	1.8235	3.4118	1.7002	4.9304	6.5413	3.2524	1.6925	6.0104
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+04	E+03
8.0164	1.4725	3.1059	2.7209	6.2751	7.8134	2.2314	1.4588	1.6902	1.7002	4.6404	8.6477	3.2524	1.3540	1.3898
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+04	E+00	E+02	E+02	E+01	E+04	E+04	E+04
8.0164	1.4218	3.7854	2.7209	5.5779	6.1427	2.2314	1.3778	6.2500	1.7002	4.3504	2.8367	3.2524	1.0155	2.3254
E+02	E+03	E+03	E+04	E+04	E+01	E+03	E+04	E-01	E+02	E+02	E+02	E+04	E+04	E+04
8.0164	1.3710	9.7162	2.7209	4.8806	1.6023	2.2314	1.3373	2.7898	1.7002	4.0604	7.6918	3.2524	6.7701	6.6150
E+02	E+03	E+03	E+04	E+04	E+02	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+03	E+04
8.0164	1.3202	2.0755	2.7209	4.1834	1.9573	2.2314	1.1752	9.5965	1.7002	3.7703	3.0327	3.2524	3.3850	1.8624
E+02	E+03	E+04	E+04	E+04	E+02	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+03	E+05
8.0164	1.2694	2.6160	2.7209	3.4862	1.7678	2.2314	1.1346	3.7281	1.7002	3.4803	3.2949	3.2524	0.0000	1.2492
E+02	E+03	E+04	E+04	E+04	E+02	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+00	E+06
8.0164	1.2186	7.0397	2.7209	2.7889	4.6243	2.2314	1.0941	8.9360	1.7002	3.1903	2.5127	2.8868	1.2863	1.0607
E+02	E+03	E+04	E+04	E+04	E+03	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+05	E-01
8.0164	1.1679	9.4711	2.7209	2.0917	4.7806	2.2314	1.0536	8.1003	1.7002	2.9003	4.3830	2.8868	1.2525	2.7898
E+02	E+03	E+04	E+04	E+04	E+03	E+03	E+04	E-01	E+02	E+02	E+02	E+04	E+05	E+00
8.0164	1.1171	1.1198	2.7209	1.3945	1.3709	2.2314	1.0131	7.4272	1.7002	2.6102	8.9681	2.8868	1.2186	1.0607
E+02	E+03	E+05	E+04	E+04	E+04	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+05	E-01
8.0164	1.0663	1.4933	2.7209	6.9723	3.1718	2.2314	9.7255	1.8417	1.7002	2.3202	8.5166	2.8868	1.0832	6.3405
E+02	E+03	E+05	E+04	E+03	E+04	E+03	E+03	E+00	E+02	E+02	E+02	E+04	E+05	E+00
8.0164	1.0155	2.4433	2.7209	0.0000	7.7467	2.2314	9.3203	3.6721	1.7002	2.0302	9.9639	2.8868	1.0494	1.3576
E+02	E+03	E+05	E+04	E+00	E+04	E+03	E+03	E+02	E+02	E+02	E+02	E+04	E+05	E+01
8.0164	9.6476	3.1544	1.9562	1.7431	6.2500	2.2314	8.9151	2.2031	1.7002	1.7402	2.6839	2.8868	1.0155	3.1822
E+02	E+02	E+05	E+04	E+05	E-01	E+03	E+03	E+02	E+02	E+02	E+03	E+04	E+05	E-01
8.0164	9.1399	5.4031	1.9562	1.6036	4.5833	2.2314	8.5098	7.8410	1.7002	1.4501	4.6678	2.8868	9.8166	2.5192
E+02	E+02	E+05	E+04	E+05	E-02	E+03	E+03	E+02	E+02	E+02	E+03	E+04	E+04	E+01
8.0164	8.6321	6.3717	1.9562	1.4642	1.6902	2.2314	8.1046	2.6039	1.7002	1.1601	1.5181	2.8868	9.1396	3.4190
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+02	E+04	E+04	E+04	E+01
8.0164	8.1243	9.7219	1.9562	1.3945	1.6902	2.2314	7.6994	3.3905	1.7002	8.7008	2.0384	2.8868	8.8011	1.9457
E+02	E+02	E+05	E+04	E+05	E+00	E+03	E+03	E+03	E+02	E+01	E+04	E+04	E+04	E+01
8.0164	7.6166	1.4086	1.9562	1.3247	6.2500	2.2314	7.2941	1.5768	1.7002	5.8005	1.5023	2.8868	8.4626	2.2280
E+02	E+02	E+06	E+04	E+05	E-01	E+03	E+03	E+04	E+02	E+01	E+05	E+04	E+04	E+00

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
8.0164	7.1088	1.7734	1.9562	1.2550	4.6304	2.2314	6.8889	1.3783	1.7002	2.9003	9.1255	2.8868	7.7856	1.9192
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+01	E+05	E+04	E+04	E+01
8.0164	6.6010	2.7454	1.9562	1.1853	4.0512	2.2314	6.4837	2.4284	1.7002	0.0000	1.8086	2.8868	7.4471	7.5631
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+00	E+06	E+04	E+04	E+01
8.0164	6.0932	3.1180	1.9562	1.1156	3.0000	2.2314	6.0784	3.3090	1.3991	1.1601	6.3910	2.8868	7.1086	3.1327
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+03	E-02	E+04	E+04	E+01
8.0164	5.5855	4.5577	1.9562	1.0458	3.5000	2.2314	5.6732	5.2238	1.3991	1.1021	3.4787	2.8868	6.7701	1.2017
E+02	E+02	E+06	E+04	E+05	E+00	E+03	E+03	E+04	E+02	E+03	E+00	E+04	E+04	E+02
8.0164	5.0777	5.4863	1.9562	9.7613	7.6110	2.2314	5.2680	1.2102	1.3991	1.0731	9.1667	2.8868	6.4316	4.5574
E+02	E+02	E+06	E+04	E+04	E+00	E+03	E+03	E+05	E+02	E+03	E-02	E+04	E+04	E+01
8.0164	4.5699	6.5629	1.9562	9.0640	2.5855	2.2314	4.8628	1.3179	1.3991	9.8609	6.5980	2.8868	6.0931	3.1058
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+02	E-01	E+04	E+04	E+02
8.0164	4.0622	7.4762	1.9562	8.3668	1.9524	2.2314	4.4575	1.4325	1.3991	9.5708	3.1442	2.8868	5.7546	2.1877
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+02	E+00	E+04	E+04	E+02
8.0164	3.5544	7.6683	1.9562	7.6696	4.0425	2.2314	4.0523	1.9016	1.3991	9.2808	1.1057	2.8868	5.4161	5.1970
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+02
8.0164	3.0466	7.1842	1.9562	6.9723	8.7396	2.2314	3.6471	3.2550	1.3991	8.9908	2.6044	2.8868	5.0776	5.6021
E+02	E+02	E+06	E+04	E+04	E+01	E+03	E+03	E+05	E+02	E+02	E+00	E+04	E+04	E+02
8.0164	2.5389	7.7616	1.9562	6.2751	1.3740	2.2314	3.2418	3.7207	1.3991	8.7008	2.0972	2.8868	4.7391	7.1046
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+02
8.0164	2.0311	8.1678	1.9562	5.5779	1.7707	2.2314	2.8366	3.3729	1.3991	8.4107	2.1409	2.8868	4.4006	6.3164
E+02	E+02	E+06	E+04	E+04	E+02	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+02
8.0164	1.5233	1.2122	1.9562	4.8806	2.6692	2.2314	2.4314	4.4863	1.3991	8.1207	2.9508	2.8868	4.0621	1.0834
E+02	E+02	E+07	E+04	E+04	E+02	E+03	E+03	E+05	E+02	E+02	E+00	E+04	E+04	E+03
8.0164	1.0155	1.9557	1.9562	4.1834	6.4634	2.2314	2.0261	4.5085	1.3991	7.8307	1.0334	2.8868	3.7235	2.0475
E+02	E+02	E+07	E+04	E+04	E+03	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+03
8.0164	5.0777	3.6258	1.9562	3.4862	2.5861	2.2314	1.6209	3.1427	1.3991	7.5407	2.2528	2.8868	3.3850	2.1176
E+02	E+01	E+07	E+04	E+04	E+03	E+03	E+03	E+05	E+02	E+02	E+02	E+04	E+04	E+03
8.0164	0.0000	3.5054	1.9562	2.7889	9.2168	2.2314	1.2157	4.5207	1.3991	7.2506	1.1328	2.8868	3.0465	5.0544
E+02	E+00	E+07	E+04	E+04	E+02	E+03	E+03	E+05	E+02	E+02	E+01	E+04	E+04	E+03
7.4292	1.8280	1.5834	1.9562	2.0917	1.4122	2.2314	8.1046	8.7409	1.3991	6.9606	5.5114	2.8868	2.7080	3.9812
E+02	E+03	E+02	E+04	E+04	E+04	E+03	E+02	E+05	E+02	E+02	E+01	E+04	E+04	E+03
7.4292	1.7772	1.3321	1.9562	1.3945	1.4069	2.2314	4.0523	2.3646	1.3991	6.6706	1.1050	2.8868	2.3695	1.0019
E+02	E+03	E+02	E+04	E+04	E+04	E+03	E+02	E+06	E+02	E+02	E+02	E+04	E+04	E+04
7.4292	1.6756	1.4928	1.9562	6.9723	5.8862	2.2314	0.0000	5.0801	1.3991	6.3806	2.3378	2.8868	2.0310	1.6759
E+02	E+03	E+02	E+04	E+03	E+04	E+03	E+00	E+06	E+02	E+02	E+02	E+04	E+04	E+04
7.4292	1.6249	1.8197	1.9562	0.0000	3.6357	1.7298	1.9856	8.9360	1.3991	6.0905	4.0735	2.8868	1.6925	2.2908
E+02	E+03	E+03	E+04	E+00	E+05	E+03	E+04	E+00	E+02	E+02	E+02	E+04	E+04	E+04
7.4292	1.5741	1.7702	1.1915	1.3945	5.6956	1.7298	1.9046	3.4118	1.3991	5.8005	4.3258	2.8868	1.3540	4.6005
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+04	E+04
7.4292	1.5233	2.7492	1.1915	1.2550	1.2500	1.7298	1.5399	1.0651	1.3991	5.5105	1.4209	2.8868	1.0155	9.1713
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+04	E+04
7.4292	1.4725	8.0757	1.1915	1.1853	2.3152	1.7298	1.4994	6.2500	1.3991	5.2205	6.9389	2.8868	6.7701	1.9597
E+02	E+03	E+03	E+04	E+05	E+00	E+03	E+04	E-01	E+02	E+02	E+02	E+04	E+03	E+05
7.4292	1.4218	1.3288	1.1915	1.1156	2.1063	1.7298	1.4588	1.0651	1.3991	4.9304	1.1032	2.8868	3.3850	4.1713
E+02	E+03	E+04	E+04	E+05	E+03	E+03	E+04	E+01	E+02	E+02	E+03	E+04	E+03	E+05
7.4292	1.3710	1.6155	1.1915	1.0458	3.7500	1.7298	1.3373	5.0267	1.3991	4.6404	6.8365	2.8868	0.0000	2.4786
E+02	E+03	E+04	E+04	E+05	E+00	E+03	E+04	E+01	E+02	E+02	E+02	E+04	E+00	E+06
7.4292	1.3202	1.4382	1.1915	9.7613	1.0617	1.7298	1.2967	2.1215	1.3991	4.3504	1.0437	2.5212	1.4556	6.5980
E+02	E+03	E+04	E+04	E+04	E+03	E+03	E+04	E-01	E+02	E+02	E+03	E+04	E+05	E-01
7.4292	1.2694	3.8003	1.1915	9.0640	4.5457	1.7298	1.2562	4.0501	1.3991	4.0604	1.3268	2.5212	1.3202	1.0607
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+04	E-01	E+02	E+02	E+03	E+04	E+05	E-01



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
7.4292	1.2186	3.8575	1.1915	8.3668	2.1038	1.7298	1.2157	7.5323	1.3991	3.7703	2.2846	2.5212	1.2525	7.6587
E+02	E+03	E+04	E+04	E+04	E+01	E+03	E+04	E+02	E+02	E+02	E+03	E+04	E+05	E-01
7.4292	1.1679	6.4877	1.1915	7.6696	1.1297	1.7298	1.1752	4.1312	1.3991	3.4803	1.5855	2.5212	1.2186	3.6191
E+02	E+03	E+04	E+04	E+04	E+03	E+03	E+04	E+02	E+02	E+02	E+03	E+04	E+05	E+00
7.4292	1.1171	9.3174	1.1915	6.9723	2.2184	1.7298	1.1346	1.5499	1.3991	3.1903	2.4984	2.5212	1.1848	1.0589
E+02	E+03	E+04	E+04	E+04	E+03	E+03	E+04	E+03	E+02	E+02	E+03	E+04	E+05	E+02
7.4292	1.0663	1.4042	1.1915	6.2751	3.3848	1.7298	1.0941	3.4118	1.3991	2.9003	3.5561	2.5212	1.1509	1.4359
E+02	E+03	E+05	E+04	E+04	E+03	E+03	E+04	E+01	E+02	E+02	E+03	E+04	E+05	E+01
7.4292	1.0155	1.9279	1.1915	5.5779	9.6914	1.7298	1.0536	3.2653	1.3991	2.6102	4.7592	2.5212	1.1171	2.6824
E+02	E+03	E+05	E+04	E+04	E+03	E+03	E+04	E+02	E+02	E+02	E+03	E+04	E+05	E+01
7.4292	9.6476	2.6213	1.1915	4.8806	5.9560	1.7298	1.0131	2.6931	1.3991	2.3202	6.9468	2.5212	1.0832	3.5974
E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+04	E+03	E+02	E+02	E+03	E+04	E+05	E+00
7.4292	9.1399	3.9272	1.1915	4.1834	1.7843	1.7298	9.7255	1.6463	1.3991	2.0302	1.0088	2.5212	1.0494	4.0604
E+02	E+02	E+05	E+04	E+04	E+04	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+05	E+01
7.4292	8.6321	5.4768	1.1915	3.4862	2.2974	1.7298	9.3203	7.1472	1.3991	1.7402	1.9754	2.5212	1.0155	3.6925
E+02	E+02	E+05	E+04	E+04	E+04	E+03	E+03	E+02	E+02	E+02	E+04	E+04	E+05	E+00
7.4292	8.1243	7.3831	1.1915	2.7889	5.3225	1.7298	8.9151	3.6690	1.3991	1.4501	3.0523	2.5212	9.8166	6.2498
E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+03	E+03	E+02	E+02	E+04	E+04	E+04	E+01
7.4292	7.6166	8.3547	1.1915	2.0917	4.1591	1.7298	8.5098	2.9181	1.3991	1.1601	6.1336	2.5212	9.4781	2.4121
E+02	E+02	E+05	E+04	E+04	E+04	E+03	E+03	E+03	E+02	E+02	E+04	E+04	E+04	E+01
7.4292	7.1088	1.2233	1.1915	1.3945	8.1666	1.7298	8.1046	1.3427	1.3991	8.7008	1.1897	2.5212	9.1396	4.9060
E+02	E+02	E+06	E+04	E+04	E+04	E+03	E+03	E+04	E+02	E+01	E+05	E+04	E+04	E+01
7.4292	6.6010	1.7311	1.1915	6.9723	3.7211	1.7298	7.6994	1.1923	1.3991	5.8005	5.8856	2.5212	8.8011	2.9883
E+02	E+02	E+06	E+04	E+03	E+05	E+03	E+03	E+04	E+02	E+01	E+05	E+04	E+04	E+02
7.4292	6.0932	2.3790	1.1915	0.0000	2.9497	1.7298	7.2941	9.0745	1.3991	2.9003	2.8592	2.5212	8.4626	5.2167
E+02	E+02	E+06	E+04	E+00	E+06	E+03	E+03	E+03	E+02	E+01	E+06	E+04	E+04	E+01
7.4292	5.5855	3.1949	4.2684	2.3706	4.5833	1.7298	6.8889	2.5239	1.3991	0.0000	5.2238	2.5212	8.1241	8.9412
E+02	E+02	E+06	E+03	E+05	E-02	E+03	E+03	E+04	E+02	E+00	E+06	E+04	E+04	E+01
7.4292	5.0777	3.7044	4.2684	1.6036	1.6902	1.7298	6.4837	5.4475	1.0980	1.4501	6.2500	2.5212	7.7856	4.1590
E+02	E+02	E+06	E+03	E+05	E+00	E+03	E+03	E+04	E+02	E+03	E-01	E+04	E+04	E+02
7.4292	4.5699	4.6954	4.2684	1.5339	1.3750	1.7298	6.0784	6.0713	1.0980	1.4211	6.2500	2.5212	7.4471	2.8381
E+02	E+02	E+06	E+03	E+05	E-01	E+03	E+03	E+04	E+02	E+03	E-01	E+04	E+04	E+02
7.4292	4.0622	5.2553	4.2684	1.4642	6.7083	1.7298	5.6732	9.5058	1.0980	1.2761	4.5833	2.5212	7.1086	7.2554
E+02	E+02	E+06	E+03	E+05	E-01	E+03	E+03	E+04	E+02	E+03	E-02	E+04	E+04	E+02
7.4292	3.5544	5.7609	4.2684	1.3247	1.6902	1.7298	5.2680	1.2878	1.0980	1.2471	2.8995	2.5212	6.7701	3.1977
E+02	E+02	E+06	E+03	E+05	E+00	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+04	E+02
7.4292	3.0466	6.1600	4.2684	1.2550	7.1667	1.7298	4.8628	2.0932	1.0980	1.2181	9.0291	2.5212	6.4316	1.1929
E+02	E+02	E+06	E+03	E+05	E-01	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+04	E+03
7.4292	2.5389	6.1445	4.2684	1.1853	6.3172	1.7298	4.4575	2.9900	1.0980	1.1891	6.2500	2.5212	6.0931	6.2847
E+02	E+02	E+06	E+03	E+05	E+00	E+03	E+03	E+05	E+02	E+03	E-01	E+04	E+04	E+02
7.4292	2.0311	6.6865	4.2684	1.1156	1.0842	1.7298	4.0523	4.1559	1.0980	1.1601	3.4787	2.5212	5.7546	9.4204
E+02	E+02	E+06	E+03	E+05	E+03	E+03	E+03	E+05	E+02	E+03	E+00	E+04	E+04	E+02
7.4292	1.5233	9.1129	4.2684	1.0458	5.8537	1.7298	3.6471	4.4237	1.0980	1.1311	1.1986	2.5212	5.4161	1.7630
E+02	E+02	E+06	E+03	E+05	E+01	E+03	E+03	E+05	E+02	E+03	E+01	E+04	E+04	E+03
7.4292	1.0155	1.7153	4.2684	9.7613	2.1588	1.7298	3.2418	6.6229	1.0980	1.1021	2.1303	2.5212	5.0776	1.5583
E+02	E+02	E+07	E+03	E+04	E+03	E+03	E+03	E+05	E+02	E+03	E+01	E+04	E+04	E+03
7.4292	5.0777	3.2163	4.2684	9.0640	1.0635	1.7298	2.8366	8.3348	1.0980	1.0731	1.0482	2.5212	4.7391	2.7133
E+02	E+01	E+07	E+03	E+04	E+03	E+03	E+03	E+05	E+02	E+03	E+02	E+04	E+04	E+03
7.4292	0.0000	3.3828	4.2684	8.3668	1.1590	1.7298	2.4314	8.5120	1.0980	1.0441	1.0548	2.5212	4.4006	2.2914
E+02	E+00	E+07	E+03	E+04	E+04	E+03	E+03	E+05	E+02	E+03	E+02	E+04	E+04	E+03
6.8419	2.0819	2.5133	4.2684	7.6696	9.5104	1.7298	2.0261	8.7427	1.0980	1.0151	1.2663	2.5212	4.0621	4.2287
E+02	E+03	E+01	E+03	E+04	E+03	E+03	E+03	E+05	E+02	E+03	E+01	E+04	E+04	E+03

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.8419 E+02	1.9803 E+03	3.8549 E+01	4.2684 E+03	6.9723 E+04	3.2428 E+03	1.7298 E+03	1.6209 E+03	8.9322 E+05	1.0980 E+02	9.8609 E+02	7.6514 E+01	2.5212 E+04	3.7235 E+04	5.4562 E+03
6.8419 E+02	1.8788 E+03	4.4770 E+01	4.2684 E+03	6.2751 E+04	2.3933 E+04	1.7298 E+03	1.2157 E+03	8.4757 E+05	1.0980 E+02	9.5708 E+02	2.3079 E+02	2.5212 E+04	3.3850 E+04	7.0146 E+03
6.8419 E+02	1.8280 E+03	5.0267 E+01	4.2684 E+03	5.5779 E+04	2.6913 E+04	1.7298 E+03	8.1046 E+02	1.5817 E+06	1.0980 E+02	9.2808 E+02	2.9812 E+02	2.5212 E+04	3.0465 E+04	1.1685 E+04
6.8419 E+02	1.7772 E+03	3.4118 E+01	4.2684 E+03	4.8806 E+04	7.5066 E+04	1.7298 E+03	4.0523 E+02	3.7815 E+06	1.0980 E+02	8.9908 E+02	6.0948 E+01	2.5212 E+04	2.7080 E+04	1.7649 E+04
6.8419 E+02	1.7264 E+03	6.1427 E+02	4.2684 E+03	4.1834 E+04	1.0801 E+05	1.7298 E+03	0.0000 E+00	9.6493 E+06	1.0980 E+02	8.7008 E+02	1.0185 E+01	2.5212 E+04	2.3695 E+04	2.6323 E+04
6.8419 E+02	1.6756 E+03	6.5460 E+02	4.2684 E+03	3.4862 E+04	1.4601 E+05	1.2282 E+03	1.5804 E+04	1.1952 E+02	1.0980 E+02	8.4107 E+02	5.7112 E+01	2.5212 E+04	2.0310 E+04	4.1187 E+04
6.8419 E+02	1.6249 E+03	1.2447 E+03	4.2684 E+03	2.7889 E+04	4.0057 E+05	1.2282 E+03	1.4994 E+04	4.5833 E-02	1.0980 E+02	8.1207 E+02	2.9269 E+02	2.5212 E+04	1.6925 E+04	8.3861 E+04
6.8419 E+02	1.5741 E+03	3.5139 E+03	4.2684 E+03	2.0917 E+04	1.1667 E+06	1.2282 E+03	1.4588 E+04	4.5398 E+00	1.0980 E+02	7.8307 E+02	4.8211 E+02	2.5212 E+04	1.3540 E+04	1.3034 E+05
6.8419 E+02	1.5233 E+03	3.4955 E+03	4.2684 E+03	1.3945 E+04	2.7421 E+06	1.2282 E+03	1.4183 E+04	7.1027 E+01	1.0980 E+02	7.5407 E+02	3.8922 E+02	2.5212 E+04	1.0155 E+04	2.7510 E+05
6.8419 E+02	1.4725 E+03	4.9830 E+03	4.2684 E+03	6.9723 E+03	6.3014 E+06	1.2282 E+03	1.3778 E+04	9.1667 E-02	1.0980 E+02	7.2506 E+02	8.5409 E+02	2.5212 E+04	6.7701 E+03	4.0438 E+05
6.8419 E+02	1.4218 E+03	5.0136 E+03	4.2684 E+03	0.0000 E+00	2.0053 E+07	1.2282 E+03	1.3373 E+04	3.5426 E+02	1.0980 E+02	6.9606 E+02	6.1256 E+02	2.5212 E+04	3.3850 E+03	8.8821 E+05
6.8419 E+02	1.3710 E+03	9.6770 E+03	- 3.3787 E+03	2.7192 E+05	6.2500 E-01	1.2282 E+03	1.2967 E+04	2.8787 E+02	1.0980 E+02	6.6706 E+02	4.8385 E+02	2.5212 E+04	0.0000 E+00	5.2448 E+06
6.8419 E+02	1.3202 E+03	1.9125 E+04	- 3.3787 E+03	1.4642 E+05	2.0471 E-01	1.2282 E+03	1.2562 E+04	7.1027 E+01	1.0980 E+02	6.3806 E+02	1.1560 E+03	2.1556 E+04	1.3879 E+05	5.5795 E+00
6.8419 E+02	1.2694 E+03	4.0643 E+04	- 3.3787 E+03	1.3945 E+05	1.7819 E+00	1.2282 E+03	1.2157 E+04	2.0471 E-01	1.0980 E+02	6.0905 E+02	1.2209 E+03	2.1556 E+04	1.3202 E+05	7.6587 E-01
6.8419 E+02	1.2186 E+03	2.7389 E+04	- 3.3787 E+03	1.3247 E+05	3.5330 E+00	1.2282 E+03	1.1752 E+04	8.2755 E+02	1.0980 E+02	5.8005 E+02	1.0763 E+03	2.1556 E+04	1.2863 E+05	3.5672 E+00
6.8419 E+02	1.1679 E+03	5.5150 E+04	- 3.3787 E+03	1.2550 E+05	1.7819 E+00	1.2282 E+03	1.1346 E+04	5.5207 E+02	1.0980 E+02	5.5105 E+02	1.4277 E+03	2.1556 E+04	1.2525 E+05	9.5829 E+00
6.8419 E+02	1.1171 E+03	1.0140 E+05	- 3.3787 E+03	1.1853 E+05	1.7819 E+00	1.2282 E+03	1.0941 E+04	9.1277 E+01	1.0980 E+02	5.2205 E+02	1.8554 E+03	2.1556 E+04	1.2186 E+05	2.3850 E+01
6.8419 E+02	1.0663 E+03	1.2179 E+05	- 3.3787 E+03	1.1156 E+05	6.5332 E+01	1.2282 E+03	1.0536 E+04	2.2627 E+03	1.0980 E+02	4.9304 E+02	2.4998 E+03	2.1556 E+04	1.1848 E+05	8.4753 E+00
6.8419 E+02	1.0155 E+03	1.4686 E+05	- 3.3787 E+03	1.0458 E+05	3.7194 E+00	1.2282 E+03	1.0131 E+04	1.4113 E+03	1.0980 E+02	4.6404 E+02	3.5397 E+03	2.1556 E+04	1.1509 E+05	1.4888 E+01
6.8419 E+02	9.6476 E+02	2.0637 E+05	- 3.3787 E+03	9.7613 E+04	1.8133 E+01	1.2282 E+03	9.7255 E+03	5.1430 E+03	1.0980 E+02	4.3504 E+02	4.6595 E+03	2.1556 E+04	1.1171 E+05	1.1847 E+01
6.8419 E+02	9.1399 E+02	3.8593 E+05	- 3.3787 E+03	9.0640 E+04	2.1201 E+03	1.2282 E+03	9.3203 E+03	7.5561 E+03	1.0980 E+02	4.0604 E+02	5.3009 E+03	2.1556 E+04	1.0832 E+05	1.7287 E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.8419 E+02	8.6321 E+02	5.3782 E+05	- 3.3787 E+03	8.3668 E+04	7.7590 E+03	1.2282 E+03	8.9151 E+03	8.7553 E+03	1.0980 E+02	3.7703 E+02	8.5759 E+03	2.1556 E+04	1.0494 E+05	1.5505 E+02
6.8419 E+02	8.1243 E+02	6.9409 E+05	- 3.3787 E+03	7.6696 E+04	7.4402 E+03	1.2282 E+03	8.5098 E+03	1.0623 E+04	1.0980 E+02	3.4803 E+02	8.2867 E+03	2.1556 E+04	1.0155 E+05	1.3753 E+02
6.8419 E+02	7.6166 E+02	9.1001 E+05	- 3.3787 E+03	6.9723 E+04	1.5368 E+04	1.2282 E+03	8.1046 E+03	2.7380 E+04	1.0980 E+02	3.1903 E+02	1.7747 E+04	2.1556 E+04	9.8166 E+04	4.8037 E+02
6.8419 E+02	7.1088 E+02	1.1367 E+06	- 3.3787 E+03	6.2751 E+04	3.8020 E+04	1.2282 E+03	7.6994 E+03	2.7271 E+04	1.0980 E+02	2.9003 E+02	1.8255 E+04	2.1556 E+04	9.4781 E+04	2.5612 E+02
6.8419 E+02	6.6010 E+02	1.6421 E+06	- 3.3787 E+03	5.5779 E+04	1.1069 E+05	1.2282 E+03	7.2941 E+03	3.0761 E+04	1.0980 E+02	2.6102 E+02	2.3257 E+04	2.1556 E+04	9.1396 E+04	2.5812 E+02
6.8419 E+02	6.0932 E+02	1.9287 E+06	- 3.3787 E+03	4.8806 E+04	1.7746 E+05	1.2282 E+03	6.8889 E+03	4.2105 E+04	1.0980 E+02	2.3202 E+02	3.8296 E+04	2.1556 E+04	8.8011 E+04	4.2823 E+02
6.8419 E+02	5.5855 E+02	2.4905 E+06	- 3.3787 E+03	4.1834 E+04	2.7323 E+05	1.2282 E+03	6.4837 E+03	1.2401 E+05	1.0980 E+02	2.0302 E+02	6.9630 E+04	2.1556 E+04	8.4626 E+04	6.9414 E+02
6.8419 E+02	5.0777 E+02	3.1121 E+06	- 3.3787 E+03	3.4862 E+04	4.5231 E+05	1.2282 E+03	6.0784 E+03	1.2207 E+05	1.0980 E+02	1.7402 E+02	9.5383 E+04	2.1556 E+04	8.1241 E+04	1.0325 E+03
6.8419 E+02	4.5699 E+02	3.6044 E+06	- 3.3787 E+03	2.7889 E+04	7.1171 E+05	1.2282 E+03	5.6732 E+03	1.7869 E+05	1.0980 E+02	1.4501 E+02	1.8481 E+05	2.1556 E+04	7.7856 E+04	1.2154 E+03
6.8419 E+02	4.0622 E+02	4.2120 E+06	- 3.3787 E+03	2.0917 E+04	8.7644 E+05	1.2282 E+03	5.2680 E+03	2.4078 E+05	1.0980 E+02	1.1601 E+02	2.7045 E+05	2.1556 E+04	7.4471 E+04	1.2278 E+03
6.8419 E+02	3.5544 E+02	4.4984 E+06	- 3.3787 E+03	1.3945 E+04	1.1710 E+06	1.2282 E+03	4.8628 E+03	3.2403 E+05	1.0980 E+02	8.7008 E+01	5.3585 E+05	2.1556 E+04	7.1086 E+04	1.1316 E+03
6.8419 E+02	3.0466 E+02	4.4612 E+06	- 3.3787 E+03	6.9723 E+03	1.8692 E+06	1.2282 E+03	4.4575 E+03	4.1617 E+05	1.0980 E+02	5.8005 E+01	1.8062 E+06	2.1556 E+04	6.7701 E+04	2.8889 E+03
6.8419 E+02	2.5389 E+02	4.1357 E+06	- 3.3787 E+03	0.0000 E+00	5.8979 E+06	1.2282 E+03	4.0523 E+03	6.5218 E+05	1.0980 E+02	2.9003 E+01	8.8077 E+06	2.1556 E+04	6.4316 E+04	2.2557 E+03
6.8419 E+02	2.0311 E+02	4.6840 E+06	- 1.1026 E+04	3.2770 E+05	1.6902 E+00	1.2282 E+03	3.6471 E+03	8.4673 E+05	1.0980 E+02	0.0000 E+00	1.6071 E+07	2.1556 E+04	6.0931 E+04	3.7390 E+03
6.8419 E+02	1.5233 E+02	6.6241 E+06	- 1.1026 E+04	2.3706 E+05	6.2500 E-01	1.2282 E+03	3.2418 E+03	1.1704 E+06	7.9686 E+01	1.3341 E+03	2.7898 E+00	2.1556 E+04	5.7546 E+04	4.0037 E+03
6.8419 E+02	1.0155 E+02	1.2669 E+07	- 1.1026 E+04	2.1614 E+05	4.5833 E-02	1.2282 E+03	2.8366 E+03	1.4497 E+06	7.9686 E+01	1.2761 E+03	5.5795 E+00	2.1556 E+04	5.4161 E+04	5.5935 E+03
6.8419 E+02	5.0777 E+01	2.6210 E+07	- 1.1026 E+04	2.0917 E+05	4.5833 E-02	1.2282 E+03	2.4314 E+03	1.4707 E+06	7.9686 E+01	1.2181 E+03	1.3023 E-01	2.1556 E+04	5.0776 E+04	6.7744 E+03
6.8419 E+02	0.0000 E+00	2.9762 E+07	- 1.1026 E+04	1.7431 E+05	1.3750 E-01	1.2282 E+03	2.0261 E+03	2.0089 E+06	7.9686 E+01	1.1891 E+03	8.5429 E+00	2.1556 E+04	4.7391 E+04	1.2132 E+04

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.2547 E+02	2.2342 E+03	2.7898 E+00	- 1.1026 E+04	1.6036 E+05	4.5833 E-02	1.2282 E+03	1.6209 E+03	2.1140 E+06	7.9686 E+01	1.1601 E+03	6.5980 E-01	2.1556 E+04	4.4006 E+04	1.4635 E+04
6.2547 E+02	2.1326 E+03	4.3006 E+01	- 1.1026 E+04	1.5339 E+05	4.5833 E-02	1.2282 E+03	1.2157 E+03	1.8041 E+06	7.9686 E+01	1.1021 E+03	2.1675 E+01	2.1556 E+04	4.0621 E+04	1.4425 E+04
6.2547 E+02	2.0819 E+03	2.2377 E+01	- 1.1026 E+04	1.4642 E+05	4.5833 E-02	1.2282 E+03	8.1046 E+02	2.8379 E+06	7.9686 E+01	1.0731 E+03	5.2667 E+01	2.1556 E+04	3.7235 E+04	2.4315 E+04
6.2547 E+02	2.0311 E+03	3.4829 E+01	- 1.1026 E+04	1.3945 E+05	1.8878 E+01	1.2282 E+03	4.0523 E+02	7.5551 E+06	7.9686 E+01	1.0441 E+03	1.0526 E+01	2.1556 E+04	3.3850 E+04	2.7392 E+04
6.2547 E+02	1.9295 E+03	6.8237 E+01	- 1.1026 E+04	1.3247 E+05	1.0676 E+02	1.2282 E+03	0.0000 E+00	1.7270 E+07	7.9686 E+01	1.0151 E+03	2.0114 E+02	2.1556 E+04	3.0465 E+04	3.9974 E+04
6.2547 E+02	1.8788 E+03	1.0820 E+01	- 1.1026 E+04	1.2550 E+05	2.7292 E+00	7.2655 E+02	1.9046 E+04	2.7898 E+00	7.9686 E+01	9.8609 E+02	1.1824 E+02	2.1556 E+04	2.7080 E+04	5.7501 E+04
6.2547 E+02	1.8280 E+03	3.1865 E+01	- 1.1026 E+04	1.1853 E+05	5.5891 E+02	7.2655 E+02	1.8235 E+04	2.7898 E+00	7.9686 E+01	9.5708 E+02	8.4254 E+01	2.1556 E+04	2.3695 E+04	9.4903 E+04
6.2547 E+02	1.7772 E+03	1.7481 E+02	- 1.1026 E+04	1.1156 E+05	1.4287 E+02	7.2655 E+02	1.7830 E+04	2.7898 E+00	7.9686 E+01	9.2808 E+02	3.2807 E+02	2.1556 E+04	2.0310 E+04	1.3004 E+05
6.2547 E+02	1.7264 E+03	3.4120 E+02	- 1.1026 E+04	1.0458 E+05	2.8494 E+02	7.2655 E+02	1.7020 E+04	1.0651 E+01	7.9686 E+01	8.9908 E+02	2.2897 E+02	2.1556 E+04	1.6925 E+04	2.3070 E+05
6.2547 E+02	1.6756 E+03	1.5938 E+03	- 1.1026 E+04	9.7613 E+04	2.6629 E+02	7.2655 E+02	1.6614 E+04	1.4785 E+02	7.9686 E+01	8.7008 E+02	2.9499 E+02	2.1556 E+04	1.3540 E+04	4.2401 E+05
6.2547 E+02	1.6249 E+03	1.0328 E+03	- 1.1026 E+04	9.0640 E+04	6.2897 E+03	7.2655 E+02	1.6209 E+04	4.0501 E-01	7.9686 E+01	8.4107 E+02	9.8671 E+02	2.1556 E+04	1.0155 E+04	7.8405 E+05
6.2547 E+02	1.5741 E+03	1.6163 E+03	- 1.1026 E+04	8.3668 E+04	7.0901 E+02	7.2655 E+02	1.5804 E+04	1.0607 E-01	7.9686 E+01	8.1207 E+02	6.6832 E+02	2.1556 E+04	6.7701 E+03	1.2889 E+06
6.2547 E+02	1.5233 E+03	1.7465 E+03	- 1.1026 E+04	7.6696 E+04	1.7162 E+04	7.2655 E+02	1.5399 E+04	2.1795 E+02	7.9686 E+01	7.8307 E+02	1.2630 E+03	2.1556 E+04	3.3850 E+03	2.3770 E+06
6.2547 E+02	1.4725 E+03	3.2889 E+03	- 1.1026 E+04	6.9723 E+04	7.5923 E+03	7.2655 E+02	1.4994 E+04	5.8793 E+02	7.9686 E+01	7.5407 E+02	1.7164 E+03	2.1556 E+04	0.0000 E+00	1.3083 E+07
6.2547 E+02	1.4218 E+03	1.0854 E+04	- 1.1026 E+04	6.2751 E+04	3.8375 E+04	7.2655 E+02	1.4588 E+04	6.2585 E+01	7.9686 E+01	7.2506 E+02	1.2341 E+03	1.7900 E+04	1.4217 E+05	5.6856 E+00
6.2547 E+02	1.3710 E+03	1.3161 E+04	- 1.1026 E+04	5.5779 E+04	8.6713 E+04	7.2655 E+02	1.4183 E+04	1.2500 E+00	7.9686 E+01	6.9606 E+02	2.5467 E+03	1.7900 E+04	1.3879 E+05	2.7898 E+00
6.2547 E+02	1.3202 E+03	1.7483 E+04	- 1.1026 E+04	4.8806 E+04	1.9235 E+05	7.2655 E+02	1.3778 E+04	7.3862 E+01	7.9686 E+01	6.6706 E+02	2.9023 E+03	1.7900 E+04	1.3540 E+05	3.4496 E+00
6.2547 E+02	1.2694 E+03	3.0540 E+04	- 1.1026 E+04	4.1834 E+04	3.6426 E+05	7.2655 E+02	1.3373 E+04	3.2635 E+01	7.9686 E+01	6.3806 E+02	3.9040 E+03	1.7900 E+04	1.3202 E+05	4.0501 E-01

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.2547 E+02	1.2186 E+03	3.4758 E+04	- 1.1026 E+04	3.4862 E+04	6.5724 E+05	7.2655 E+02	1.2967 E+04	9.9622 E+01	7.9686 E+01	6.0905 E+02	5.1995 E+03	1.7900 E+04	1.2863 E+05	6.3910 E-02
6.2547 E+02	1.1679 E+03	4.2632 E+04	- 1.1026 E+04	2.7889 E+04	8.8557 E+05	7.2655 E+02	1.2562 E+04	5.1496 E+02	7.9686 E+01	5.8005 E+02	6.4865 E+03	1.7900 E+04	1.2525 E+05	4.4811 E+00
6.2547 E+02	1.1171 E+03	8.0232 E+04	- 1.1026 E+04	2.0917 E+04	1.4660 E+06	7.2655 E+02	1.2157 E+04	2.1795 E+02	7.9686 E+01	5.5105 E+02	1.0569 E+04	1.7900 E+04	1.2186 E+05	3.4496 E+00
6.2547 E+02	1.0663 E+03	1.0065 E+05	- 1.1026 E+04	1.3945 E+04	2.0247 E+06	7.2655 E+02	1.1752 E+04	1.0916 E+03	7.9686 E+01	5.2205 E+02	1.0772 E+04	1.7900 E+04	1.1848 E+05	4.9635 E+00
6.2547 E+02	1.0155 E+03	1.4212 E+05	- 1.1026 E+04	6.9723 E+03	3.1154 E+06	7.2655 E+02	1.1346 E+04	1.8321 E+03	7.9686 E+01	4.9304 E+02	1.2424 E+04	1.7900 E+04	1.1509 E+05	6.6364 E+01
6.2547 E+02	9.6476 E+02	1.7059 E+05	- 1.1026 E+04	0.0000 E+00	6.0247 E+06	7.2655 E+02	1.0941 E+04	1.4054 E+03	7.9686 E+01	4.6404 E+02	1.7506 E+04	1.7900 E+04	1.1171 E+05	1.3141 E+02
6.2547 E+02	9.1399 E+02	2.8024 E+05	- 1.8673 E+04	3.2073 E+05	1.6902 E+00	7.2655 E+02	1.0536 E+04	5.4810 E+03	7.9686 E+01	4.3504 E+02	2.4937 E+04	1.7900 E+04	1.0832 E+05	1.1290 E+02
6.2547 E+02	8.6321 E+02	4.5325 E+05	- 1.8673 E+04	2.9981 E+05	1.7500 E+00	7.2655 E+02	1.0131 E+04	3.9853 E+03	7.9686 E+01	4.0604 E+02	3.3156 E+04	1.7900 E+04	1.0494 E+05	3.2047 E+01
6.2547 E+02	8.1243 E+02	5.1239 E+05	- 1.8673 E+04	2.8587 E+05	1.7500 E+00	7.2655 E+02	9.7255 E+03	2.4108 E+03	7.9686 E+01	3.7703 E+02	3.7210 E+04	1.7900 E+04	1.0155 E+05	3.7492 E+02
6.2547 E+02	7.6166 E+02	8.2176 E+05	- 1.8673 E+04	2.7192 E+05	1.7500 E+00	7.2655 E+02	9.3203 E+03	1.9680 E+04	7.9686 E+01	3.4803 E+02	4.6550 E+04	1.7900 E+04	9.8166 E+04	3.9040 E+02
6.2547 E+02	7.1088 E+02	8.9985 E+05	- 1.8673 E+04	2.4403 E+05	2.3750 E+00	7.2655 E+02	8.9151 E+03	1.8020 E+04	7.9686 E+01	3.1903 E+02	6.6822 E+04	1.7900 E+04	9.4781 E+04	3.4799 E+02
6.2547 E+02	6.6010 E+02	1.3085 E+06	- 1.8673 E+04	2.3706 E+05	6.2500 E-01	7.2655 E+02	8.5098 E+03	3.3905 E+04	7.9686 E+01	2.9003 E+02	9.5944 E+04	1.7900 E+04	9.1396 E+04	9.8355 E+02
6.2547 E+02	6.0932 E+02	1.6150 E+06	- 1.8673 E+04	2.1614 E+05	1.7500 E+00	7.2655 E+02	8.1046 E+03	2.4984 E+04	7.9686 E+01	2.6102 E+02	1.6039 E+05	1.7900 E+04	8.8011 E+04	9.1517 E+02
6.2547 E+02	5.5855 E+02	1.9228 E+06	- 1.8673 E+04	1.7431 E+05	4.5833 E-02	7.2655 E+02	7.6994 E+03	4.2080 E+04	7.9686 E+01	2.3202 E+02	2.0853 E+05	1.7900 E+04	8.4626 E+04	1.6353 E+03
6.2547 E+02	5.0777 E+02	2.2652 E+06	- 1.8673 E+04	1.6734 E+05	4.5833 E-02	7.2655 E+02	7.2941 E+03	7.4931 E+04	7.9686 E+01	2.0302 E+02	3.6286 E+05	1.7900 E+04	8.1241 E+04	9.3889 E+02
6.2547 E+02	4.5699 E+02	2.5746 E+06	- 1.8673 E+04	1.6036 E+05	2.2917 E-01	7.2655 E+02	6.8889 E+03	1.0257 E+05	7.9686 E+01	1.7402 E+02	5.2301 E+05	1.7900 E+04	7.7856 E+04	1.1529 E+03
6.2547 E+02	4.0622 E+02	3.1283 E+06	- 1.8673 E+04	1.5339 E+05	4.5833 E-02	7.2655 E+02	6.4837 E+03	1.4698 E+05	7.9686 E+01	1.4501 E+02	7.2229 E+05	1.7900 E+04	7.4471 E+04	1.9511 E+03
6.2547 E+02	3.5544 E+02	3.4023 E+06	- 1.8673 E+04	1.4642 E+05	1.8277 E+00	7.2655 E+02	6.0784 E+03	1.9311 E+05	7.9686 E+01	1.1601 E+02	1.0882 E+06	1.7900 E+04	7.1086 E+04	3.9849 E+03

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&SRIE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
6.2547 E+02	3.0466 E+02	3.8316 E+06	- 1.8673 E+04	1.3945 E+05	5.2014 E+00	7.2655 E+02	5.6732 E+03	2.5158 E+05	7.9686 E+01	8.7008 E+01	1.8073 E+06	1.7900 E+04	6.7701 E+04	5.3550 E+03
6.2547 E+02	2.5389 E+02	3.7529 E+06	- 1.8673 E+04	1.3247 E+05	2.5458 E+00	7.2655 E+02	5.2680 E+03	2.9944 E+05	7.9686 E+01	5.8005 E+01	6.5429 E+06	1.7900 E+04	6.4316 E+04	6.5105 E+03
6.2547 E+02	2.0311 E+02	3.9873 E+06	- 1.8673 E+04	1.2550 E+05	1.1310 E+01	7.2655 E+02	4.8628 E+03	3.8994 E+05	7.9686 E+01	2.9003 E+01	2.7508 E+07	1.7900 E+04	6.0931 E+04	1.0817 E+04
6.2547 E+02	1.5233 E+02	4.9844 E+06	- 1.8673 E+04	1.1853 E+05	2.5539 E+02	7.2655 E+02	4.4575 E+03	5.7011 E+05	7.9686 E+01	0.0000 E+00	4.4154 E+07	1.7900 E+04	5.7546 E+04	1.7798 E+04
6.2547 E+02	1.0155 E+02	9.5535 E+06	- 1.8673 E+04	1.1156 E+05	5.2403 E+01	7.2655 E+02	4.0523 E+03	8.4038 E+05	4.9575 E+01	1.3921 E+03	2.7898 E+00	1.7900 E+04	5.4161 E+04	2.2941 E+04
6.2547 E+02	5.0777 E+01	2.2650 E+07	- 1.8673 E+04	1.0458 E+05	8.7677 E+03	7.2655 E+02	3.6471 E+03	1.2714 E+06	4.9575 E+01	1.3631 E+03	2.7898 E+00	1.7900 E+04	5.0776 E+04	3.5357 E+04
6.2547 E+02	0.0000 E+00	2.7019 E+07	- 1.8673 E+04	9.7613 E+04	2.5649 E+03	7.2655 E+02	3.2418 E+03	1.7190 E+06	4.9575 E+01	1.3341 E+03	2.7898 E+00	1.7900 E+04	4.7391 E+04	4.6942 E+04
5.6674 E+02	2.2850 E+03	1.5175 E+01	- 1.8673 E+04	9.0640 E+04	3.4050 E+03	7.2655 E+02	2.8366 E+03	2.2828 E+06	4.9575 E+01	1.3051 E+03	6.2500 E-01	1.7900 E+04	4.4006 E+04	7.5800 E+04
5.6674 E+02	2.2342 E+03	1.0256 E+01	- 1.8673 E+04	8.3668 E+04	9.4931 E+03	7.2655 E+02	2.4314 E+03	2.7766 E+06	4.9575 E+01	1.2761 E+03	6.5980 E-01	1.7900 E+04	4.0621 E+04	1.0319 E+05
5.6674 E+02	2.1834 E+03	1.9633 E+01	- 1.8673 E+04	7.6696 E+04	1.3016 E+04	7.2655 E+02	2.0261 E+03	3.4094 E+06	4.9575 E+01	1.2471 E+03	2.7898 E+00	1.7900 E+04	3.7235 E+04	1.3132 E+05
5.6674 E+02	2.1326 E+03	2.6967 E+01	- 1.8673 E+04	6.9723 E+04	3.1158 E+04	7.2655 E+02	1.6209 E+03	3.0894 E+06	4.9575 E+01	1.2181 E+03	1.6891 E+01	1.7900 E+04	3.3850 E+04	1.6864 E+05
5.6674 E+02	2.0819 E+03	2.4330 E+01	- 1.8673 E+04	6.2751 E+04	4.6637 E+04	7.2655 E+02	1.2157 E+03	3.5630 E+06	4.9575 E+01	1.1891 E+03	2.2623 E+01	1.7900 E+04	3.0465 E+04	2.6947 E+05
5.6674 E+02	2.0311 E+03	6.1513 E+01	- 1.8673 E+04	5.5779 E+04	9.8386 E+04	7.2655 E+02	8.1046 E+02	4.8906 E+06	4.9575 E+01	1.1601 E+03	4.3711 E+01	1.7900 E+04	2.7080 E+04	3.2321 E+05
5.6674 E+02	1.9803 E+03	1.9522 E+02	- 1.8673 E+04	4.8806 E+04	2.6289 E+05	7.2655 E+02	4.0523 E+02	1.2025 E+07	4.9575 E+01	1.1311 E+03	2.7898 E+00	1.7900 E+04	2.3695 E+04	4.9617 E+05
5.6674 E+02	1.9295 E+03	1.6295 E+02	- 1.8673 E+04	4.1834 E+04	4.4502 E+05	7.2655 E+02	0.0000 E+00	2.7696 E+07	4.9575 E+01	1.1021 E+03	1.3104 E+01	1.7900 E+04	2.0310 E+04	6.2926 E+05
5.6674 E+02	1.8788 E+03	2.4233 E+02	- 1.8673 E+04	3.4862 E+04	8.1976 E+05	2.2493 E+02	1.8235 E+04	3.5785 E+01	4.9575 E+01	1.0731 E+03	1.7050 E+02	1.7900 E+04	1.6925 E+04	9.1728 E+05
5.6674 E+02	1.8280 E+03	5.7753 E+02	- 1.8673 E+04	2.7889 E+04	1.6704 E+06	2.2493 E+02	1.7830 E+04	1.0651 E+01	4.9575 E+01	1.0441 E+03	1.9444 E+02	1.7900 E+04	1.3540 E+04	1.4806 E+06
5.6674 E+02	1.7772 E+03	4.3148 E+02	- 1.8673 E+04	2.0917 E+04	3.2984 E+06	2.2493 E+02	1.7425 E+04	2.7898 E+00	4.9575 E+01	1.0151 E+03	2.3315 E+02	1.7900 E+04	1.0155 E+04	2.5614 E+06

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.6674 E+02	1.7264 E+03	7.5946 E+02	- 1.8673 E+04	1.3945 E+04	4.9691 E+06	2.2493 E+02	1.7020 E+04	1.0607 E-01	4.9575 E+01	9.8609 E+02	2.1552 E+02	1.7900 E+04	6.7701 E+03	4.2678 E+06
5.6674 E+02	1.6756 E+03	9.4953 E+02	- 1.8673 E+04	6.9723 E+03	7.3316 E+06	2.2493 E+02	1.6614 E+04	1.4689 E+02	4.9575 E+01	9.5708 E+02	6.3746 E+02	1.7900 E+04	3.3850 E+03	6.5204 E+06
5.6674 E+02	1.6249 E+03	1.7964 E+03	- 1.8673 E+04	0.0000 E+00	1.1114 E+07	2.2493 E+02	1.6209 E+04	8.2208 E+01	4.9575 E+01	9.2808 E+02	7.3296 E+02	1.7900 E+04	0.0000 E+00	3.2038 E+07
5.6674 E+02	1.5741 E+03	1.4673 E+03	- 2.6320 E+04	3.4862 E+05	1.6902 E+00	2.2493 E+02	1.5804 E+04	7.3099 E+01	4.9575 E+01	8.9908 E+02	9.7181 E+02	1.4244 E+04	1.6925 E+05	6.5980 E-01
5.6674 E+02	1.5233 E+03	4.4723 E+03	- 2.6320 E+04	3.2770 E+05	3.4402 E+00	2.2493 E+02	1.5399 E+04	9.6671 E+01	4.9575 E+01	8.7008 E+02	1.4450 E+03	1.4244 E+04	1.4217 E+05	8.8170 E+00
5.6674 E+02	1.4725 E+03	5.5780 E+03	- 2.6320 E+04	3.1375 E+05	1.7500 E+00	2.2493 E+02	1.4994 E+04	2.4737 E+02	4.9575 E+01	8.4107 E+02	1.4118 E+03	1.4244 E+04	1.3879 E+05	1.0417 E+02
5.6674 E+02	1.4218 E+03	9.1010 E+03	- 2.6320 E+04	2.9981 E+05	9.8909 E+00	2.2493 E+02	1.4588 E+04	9.5899 E+01	4.9575 E+01	8.1207 E+02	1.6536 E+03	1.4244 E+04	1.3202 E+05	4.2154 E+00
5.6674 E+02	1.3710 E+03	1.2243 E+04	- 2.6320 E+04	2.9284 E+05	6.8804 E+00	2.2493 E+02	1.4183 E+04	7.5705 E+02	4.9575 E+01	7.8307 E+02	1.4172 E+03	1.4244 E+04	1.2863 E+05	1.0775 E+02
5.6674 E+02	1.3202 E+03	1.4461 E+04	- 2.6320 E+04	2.8587 E+05	1.8271 E+01	2.2493 E+02	1.3778 E+04	3.9142 E+02	4.9575 E+01	7.5407 E+02	3.4010 E+03	1.4244 E+04	1.2525 E+05	3.2659 E+00
5.6674 E+02	1.2694 E+03	1.8128 E+04	- 2.6320 E+04	2.7889 E+05	5.2500 E+00	2.2493 E+02	1.3373 E+04	2.8609 E+03	4.9575 E+01	7.2506 E+02	5.2444 E+03	1.4244 E+04	1.2186 E+05	4.9427 E+01
5.6674 E+02	1.2186 E+03	2.5937 E+04	- 2.6320 E+04	2.7192 E+05	5.2500 E+00	2.2493 E+02	1.2967 E+04	8.9251 E+02	4.9575 E+01	6.9606 E+02	5.8012 E+03	1.4244 E+04	1.1848 E+05	6.8077 E+00
5.6674 E+02	1.1679 E+03	3.9240 E+04	- 2.6320 E+04	2.6495 E+05	1.1760 E+01	2.2493 E+02	1.2562 E+04	6.2696 E+03	4.9575 E+01	6.6706 E+02	9.8341 E+03	1.4244 E+04	1.1509 E+05	1.6152 E+02
5.6674 E+02	1.1171 E+03	5.2742 E+04	- 2.6320 E+04	2.5798 E+05	4.1250 E+00	2.2493 E+02	1.2157 E+04	3.0498 E+03	4.9575 E+01	6.3806 E+02	1.0285 E+04	1.4244 E+04	1.1171 E+05	1.5764 E+02
5.6674 E+02	1.0663 E+03	7.3288 E+04	- 2.6320 E+04	2.3706 E+05	6.2500 E-01	2.2493 E+02	1.1752 E+04	9.7956 E+03	4.9575 E+01	6.0905 E+02	1.5509 E+04	1.4244 E+04	1.0832 E+05	4.9076 E+01
5.6674 E+02	1.0155 E+03	1.0228 E+05	- 2.6320 E+04	2.2311 E+05	6.2500 E-01	2.2493 E+02	1.1346 E+04	9.8805 E+03	4.9575 E+01	5.8005 E+02	1.7840 E+04	1.4244 E+04	1.0494 E+05	8.4226 E+01
5.6674 E+02	9.6476 E+02	1.2203 E+05	- 2.6320 E+04	2.0917 E+05	6.7083 E-01	2.2493 E+02	1.0941 E+04	1.2293 E+04	4.9575 E+01	5.5105 E+02	2.8926 E+04	1.4244 E+04	1.0155 E+05	6.7459 E+02
5.6674 E+02	9.1399 E+02	1.7557 E+05	- 2.6320 E+04	2.0220 E+05	6.2500 E-01	2.2493 E+02	1.0536 E+04	3.9978 E+03	4.9575 E+01	5.2205 E+02	3.3486 E+04	1.4244 E+04	9.8166 E+04	2.6091 E+02
5.6674 E+02	8.6321 E+02	2.3414 E+05	- 2.6320 E+04	1.9523 E+05	6.2500 E-01	2.2493 E+02	1.0131 E+04	6.3082 E+03	4.9575 E+01	4.9304 E+02	6.8093 E+04	1.4244 E+04	9.4781 E+04	5.4036 E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.6674 E+02	8.1243 E+02	3.1774 E+05	- 2.6320 E+04	1.8128 E+05	4.5833 E-02	2.2493 E+02	9.7255 E+03	1.0563 E+04	4.9575 E+01	4.6404 E+02	7.8937 E+04	1.4244 E+04	9.1396 E+04	7.6944 E+02
5.6674 E+02	7.6166 E+02	4.0022 E+05	- 2.6320 E+04	1.7431 E+05	9.1667 E-02	2.2493 E+02	9.3203 E+03	2.0127 E+04	4.9575 E+01	4.3504 E+02	1.4080 E+05	1.4244 E+04	8.8011 E+04	1.9022 E+03
5.6674 E+02	7.1088 E+02	5.9651 E+05	- 2.6320 E+04	1.6734 E+05	1.0426 E+02	2.2493 E+02	8.9151 E+03	3.0676 E+04	4.9575 E+01	4.0604 E+02	1.9699 E+05	1.4244 E+04	8.4626 E+04	1.2796 E+03
5.6674 E+02	6.6010 E+02	6.4767 E+05	- 2.6320 E+04	1.6036 E+05	5.0458 E+00	2.2493 E+02	8.5098 E+03	2.4448 E+04	4.9575 E+01	3.7703 E+02	2.7822 E+05	1.4244 E+04	8.1241 E+04	1.8771 E+03
5.6674 E+02	6.0932 E+02	8.0584 E+05	- 2.6320 E+04	1.5339 E+05	2.5917 E+00	2.2493 E+02	8.1046 E+03	6.3481 E+04	4.9575 E+01	3.4803 E+02	4.5015 E+05	1.4244 E+04	7.7856 E+04	3.1009 E+03
5.6674 E+02	5.5855 E+02	1.0764 E+06	- 2.6320 E+04	1.4642 E+05	9.1667 E-02	2.2493 E+02	7.6994 E+03	5.0279 E+04	4.9575 E+01	3.1903 E+02	6.1045 E+05	1.4244 E+04	7.4471 E+04	4.5079 E+03
5.6674 E+02	5.0777 E+02	1.3413 E+06	- 2.6320 E+04	1.3945 E+05	4.3416 E+01	2.2493 E+02	7.2941 E+03	1.0521 E+05	4.9575 E+01	2.9003 E+02	8.9167 E+05	1.4244 E+04	7.1086 E+04	4.7022 E+03
5.6674 E+02	4.5699 E+02	1.8787 E+06	- 2.6320 E+04	1.3247 E+05	1.7434 E+01	2.2493 E+02	6.8889 E+03	1.0940 E+05	4.9575 E+01	2.6102 E+02	1.3134 E+06	1.4244 E+04	6.7701 E+04	6.8471 E+03
5.6674 E+02	4.0622 E+02	2.2875 E+06	- 2.6320 E+04	1.2550 E+05	1.8861 E+01	2.2493 E+02	6.4837 E+03	2.1982 E+05	4.9575 E+01	2.3202 E+02	2.0186 E+06	1.4244 E+04	6.4316 E+04	2.1087 E+04
5.6674 E+02	3.5544 E+02	2.6135 E+06	- 2.6320 E+04	1.1853 E+05	2.4525 E+02	2.2493 E+02	6.0784 E+03	2.5175 E+05	4.9575 E+01	2.0302 E+02	2.7909 E+06	1.4244 E+04	6.0931 E+04	3.1576 E+04
5.6674 E+02	3.0466 E+02	3.3211 E+06	- 2.6320 E+04	1.1156 E+05	5.0335 E+01	2.2493 E+02	5.6732 E+03	3.6367 E+05	4.9575 E+01	1.7402 E+02	4.4432 E+06	1.4244 E+04	5.7546 E+04	4.7864 E+04
5.6674 E+02	2.5389 E+02	3.7297 E+06	- 2.6320 E+04	1.0458 E+05	1.1055 E+03	2.2493 E+02	5.2680 E+03	4.4740 E+05	4.9575 E+01	1.4501 E+02	6.6117 E+06	1.4244 E+04	5.4161 E+04	9.3880 E+04
5.6674 E+02	2.0311 E+02	4.0368 E+06	- 2.6320 E+04	9.7613 E+04	1.6413 E+03	2.2493 E+02	4.8628 E+03	7.2745 E+05	4.9575 E+01	1.1601 E+02	8.3066 E+06	1.4244 E+04	5.0776 E+04	1.4244 E+05
5.6674 E+02	1.5233 E+02	5.1023 E+06	- 2.6320 E+04	9.0640 E+04	2.4748 E+03	2.2493 E+02	4.4575 E+03	8.7548 E+05	4.9575 E+01	8.7008 E+01	1.1253 E+07	1.4244 E+04	4.7391 E+04	1.7813 E+05
5.6674 E+02	1.0155 E+02	8.7168 E+06	- 2.6320 E+04	8.3668 E+04	3.5965 E+03	2.2493 E+02	4.0523 E+03	1.2881 E+06	4.9575 E+01	5.8005 E+01	2.3822 E+07	1.4244 E+04	4.4006 E+04	2.5412 E+05
5.6674 E+02	5.0777 E+01	2.3123 E+07	- 2.6320 E+04	7.6696 E+04	1.7811 E+04	2.2493 E+02	3.6471 E+03	1.4993 E+06	4.9575 E+01	2.9003 E+01	7.9470 E+07	1.4244 E+04	4.0621 E+04	2.8441 E+05
5.6674 E+02	0.0000 E+00	2.9751 E+07	- 2.6320 E+04	6.9723 E+04	2.1798 E+04	2.2493 E+02	3.2418 E+03	2.0749 E+06	4.9575 E+01	0.0000 E+00	1.1663 E+08	1.4244 E+04	3.7235 E+04	3.8049 E+05
5.0801 E+02	2.4881 E+03	6.5980 E-01	- 2.6320 E+04	6.2751 E+04	4.8633 E+04	2.2493 E+02	2.8366 E+03	2.7691 E+06	1.9463 E+01	1.3921 E+03	6.5980 E-01	1.4244 E+04	3.3850 E+04	5.8584 E+05

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.0801 E+02	2.3357 E+03	2.7898 E+00	- 2.6320 E+04	5.5779 E+04	6.9491 E+04	2.2493 E+02	2.4314 E+03	3.8062 E+06	1.9463 E+01	1.3631 E+03	5.5795 E+00	1.4244 E+04	3.0465 E+04	7.7354 E+05
5.0801 E+02	2.2850 E+03	1.3441 E+01	- 2.6320 E+04	4.8806 E+04	2.1322 E+05	2.2493 E+02	2.0261 E+03	4.4385 E+06	1.9463 E+01	1.3341 E+03	3.4496 E+00	1.4244 E+04	2.7080 E+04	1.1534 E+06
5.0801 E+02	2.2342 E+03	4.5430 E+01	- 2.6320 E+04	4.1834 E+04	5.2115 E+05	2.2493 E+02	1.6209 E+03	5.0223 E+06	1.9463 E+01	1.3051 E+03	2.7898 E+00	1.4244 E+04	2.3695 E+04	1.6587 E+06
5.0801 E+02	2.1834 E+03	3.1954 E+01	- 2.6320 E+04	3.4862 E+04	1.0573 E+06	2.2493 E+02	1.2157 E+03	6.0186 E+06	1.9463 E+01	1.2471 E+03	1.1311 E+01	1.4244 E+04	2.0310 E+04	2.2644 E+06
5.0801 E+02	2.1326 E+03	4.4340 E+01	- 2.6320 E+04	2.7889 E+04	2.5317 E+06	2.2493 E+02	8.1046 E+02	7.1885 E+06	1.9463 E+01	1.2181 E+03	1.0607 E-01	1.4244 E+04	1.6925 E+04	3.1911 E+06
5.0801 E+02	2.0819 E+03	3.3472 E+01	- 2.6320 E+04	2.0917 E+04	4.2675 E+06	2.2493 E+02	4.0523 E+02	1.9892 E+07	1.9463 E+01	1.1891 E+03	8.8297 E+01	1.4244 E+04	1.3540 E+04	4.3138 E+06
5.0801 E+02	2.0311 E+03	1.2135 E+02	- 2.6320 E+04	1.3945 E+04	7.0406 E+06	2.2493 E+02	0.0000 E+00	4.7668 E+07	1.9463 E+01	1.1601 E+03	1.4267 E+01	1.4244 E+04	1.0155 E+04	6.6036 E+06
5.0801 E+02	1.9803 E+03	4.8854 E+01	- 2.6320 E+04	6.9723 E+03	1.2234 E+07	- 2.7670 E+02	1.8235 E+04	2.7898 E+00	1.9463 E+01	1.1311 E+03	8.0795 E+00	1.4244 E+04	6.7701 E+03	1.0726 E+07
5.0801 E+02	1.9295 E+03	1.0517 E+02	- 2.6320 E+04	0.0000 E+00	1.7644 E+07	- 2.7670 E+02	1.7425 E+04	5.5795 E+00	1.9463 E+01	1.1021 E+03	8.6189 E+01	1.4244 E+04	3.3850 E+03	1.6097 E+07
5.0801 E+02	1.8788 E+03	3.5577 E+02	- 3.3967 E+04	3.1375 E+05	8.2605 E+00	- 2.7670 E+02	1.6614 E+04	3.9800 E+01	1.9463 E+01	1.0731 E+03	1.9440 E+02	1.4244 E+04	0.0000 E+00	6.8849 E+07
5.0801 E+02	1.8280 E+03	4.9042 E+02	- 3.3967 E+04	3.0678 E+05	4.5833 E-02	- 2.7670 E+02	1.6209 E+04	3.3320 E+02	1.9463 E+01	1.0441 E+03	1.7343 E+02	1.0588 E+04	1.5233 E+05	2.4301 E-03
5.0801 E+02	1.7772 E+03	6.7368 E+02	- 3.3967 E+04	2.9981 E+05	1.3331 E+01	- 2.7670 E+02	1.5804 E+04	8.0100 E+01	1.9463 E+01	1.0151 E+03	2.1374 E+02	1.0588 E+04	1.4556 E+05	6.5980 E-01
5.0801 E+02	1.7264 E+03	6.3997 E+02	- 3.3967 E+04	2.9284 E+05	6.8804 E+00	- 2.7670 E+02	1.5399 E+04	5.0054 E+02	1.9463 E+01	9.8609 E+02	1.8122 E+03	1.0588 E+04	1.4217 E+05	6.5980 E-01
5.0801 E+02	1.6756 E+03	1.3723 E+03	- 3.3967 E+04	2.8587 E+05	8.6902 E+00	- 2.7670 E+02	1.4994 E+04	2.6712 E+03	1.9463 E+01	9.5708 E+02	1.6632 E+03	1.0588 E+04	1.3879 E+05	6.5980 E-01
5.0801 E+02	1.6249 E+03	1.7733 E+03	- 3.3967 E+04	2.7889 E+05	7.0000 E+00	- 2.7670 E+02	1.4588 E+04	9.0946 E+02	1.9463 E+01	9.2808 E+02	7.0158 E+02	1.0588 E+04	1.3540 E+05	7.4420 E-01
5.0801 E+02	1.5741 E+03	3.2686 E+03	- 3.3967 E+04	2.7192 E+05	8.7500 E+00	- 2.7670 E+02	1.4183 E+04	1.7826 E+03	1.9463 E+01	8.9908 E+02	3.2710 E+03	1.0588 E+04	1.3202 E+05	1.0463 E+02
5.0801 E+02	1.5233 E+03	3.0067 E+03	- 3.3967 E+04	2.6495 E+05	1.4046 E+01	- 2.7670 E+02	1.3778 E+04	2.3534 E+03	1.9463 E+01	8.7008 E+02	4.8540 E+03	1.0588 E+04	1.2863 E+05	5.6856 E+00
5.0801 E+02	1.4725 E+03	4.3853 E+03	- 3.3967 E+04	2.5798 E+05	5.2500 E+00	- 2.7670 E+02	1.3373 E+04	3.4280 E+03	1.9463 E+01	8.4107 E+02	1.5510 E+03	1.0588 E+04	1.2525 E+05	1.2657 E+01

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.0801 E+02	1.4218 E+03	7.1371 E+03	- 3.3967 E+04	2.5100 E+05	2.3152 E+00	- 2.7670 E+02	1.2967 E+04	1.1240 E+04	1.9463 E+01	8.1207 E+02	2.4168 E+03	1.0588 E+04	1.2186 E+05	2.1380 E+02
5.0801 E+02	1.3710 E+03	6.3926 E+03	- 3.3967 E+04	2.4403 E+05	3.5000 E+00	- 2.7670 E+02	1.2562 E+04	1.1523 E+04	1.9463 E+01	7.8307 E+02	5.0286 E+03	1.0588 E+04	1.1848 E+05	1.6050 E+02
5.0801 E+02	1.3202 E+03	9.0119 E+03	- 3.3967 E+04	2.3706 E+05	1.2615 E+01	- 2.7670 E+02	1.2157 E+04	1.1588 E+04	1.9463 E+01	7.5407 E+02	5.1425 E+03	1.0588 E+04	1.1509 E+05	1.3716 E+02
5.0801 E+02	1.2694 E+03	1.2399 E+04	- 3.3967 E+04	2.3009 E+05	7.1667 E-01	- 2.7670 E+02	1.1752 E+04	1.0679 E+04	1.9463 E+01	7.2506 E+02	9.1866 E+03	1.0588 E+04	1.1171 E+05	1.2092 E+02
5.0801 E+02	1.2186 E+03	1.8897 E+04	- 3.3967 E+04	2.2311 E+05	2.3750 E+00	- 2.7670 E+02	1.1346 E+04	2.4164 E+04	1.9463 E+01	6.9606 E+02	1.2359 E+04	1.0588 E+04	1.0832 E+05	1.2728 E+02
5.0801 E+02	1.1679 E+03	1.9040 E+04	- 3.3967 E+04	2.1614 E+05	6.2500 E-01	- 2.7670 E+02	1.0941 E+04	3.9050 E+04	1.9463 E+01	6.6706 E+02	1.2636 E+04	1.0588 E+04	1.0494 E+05	3.0118 E+02
5.0801 E+02	1.1171 E+03	2.8695 E+04	- 3.3967 E+04	2.0917 E+05	2.0471 E-01	- 2.7670 E+02	1.0536 E+04	3.6216 E+04	1.9463 E+01	6.3806 E+02	2.2137 E+04	1.0588 E+04	1.0155 E+05	9.5815 E+01
5.0801 E+02	1.0663 E+03	3.9782 E+04	- 3.3967 E+04	2.0220 E+05	6.2500 E-01	- 2.7670 E+02	1.0131 E+04	2.7782 E+04	1.9463 E+01	6.0905 E+02	4.2924 E+04	1.0588 E+04	9.8166 E+04	3.5458 E+02
5.0801 E+02	1.0155 E+03	4.2011 E+04	- 3.3967 E+04	1.9523 E+05	6.0948 E-02	- 2.7670 E+02	9.7255 E+03	2.3901 E+04	1.9463 E+01	5.8005 E+02	6.0121 E+04	1.0588 E+04	9.4781 E+04	4.3790 E+02
5.0801 E+02	9.6476 E+02	7.2812 E+04	- 3.3967 E+04	1.8825 E+05	6.7083 E-01	- 2.7670 E+02	9.3203 E+03	4.1426 E+04	1.9463 E+01	5.5105 E+02	8.6641 E+04	1.0588 E+04	9.1396 E+04	6.5704 E+02
5.0801 E+02	9.1399 E+02	9.8976 E+04	- 3.3967 E+04	1.8128 E+05	2.5000 E+00	- 2.7670 E+02	8.9151 E+03	6.5015 E+04	1.9463 E+01	5.2205 E+02	1.1628 E+05	1.0588 E+04	8.8011 E+04	7.1006 E+02
5.0801 E+02	8.6321 E+02	1.1018 E+05	- 3.3967 E+04	1.7431 E+05	2.5000 E+00	- 2.7670 E+02	8.5098 E+03	7.2048 E+04	1.9463 E+01	4.9304 E+02	1.8188 E+05	1.0588 E+04	8.4626 E+04	1.5626 E+03
5.0801 E+02	8.1243 E+02	1.3019 E+05	- 3.3967 E+04	1.6734 E+05	6.0948 E-02	- 2.7670 E+02	8.1046 E+03	8.3167 E+04	1.9463 E+01	4.6404 E+02	2.8006 E+05	1.0588 E+04	8.1241 E+04	1.9168 E+03
5.0801 E+02	7.6166 E+02	1.4523 E+05	- 3.3967 E+04	1.6036 E+05	4.8264 E-02	- 2.7670 E+02	7.6994 E+03	1.2988 E+05	1.9463 E+01	4.3504 E+02	5.3625 E+05	1.0588 E+04	7.7856 E+04	2.1444 E+03
5.0801 E+02	7.1088 E+02	2.0218 E+05	- 3.3967 E+04	1.5339 E+05	2.5458 E+00	- 2.7670 E+02	7.2941 E+03	1.1892 E+05	1.9463 E+01	4.0604 E+02	9.1009 E+05	1.0588 E+04	7.4471 E+04	3.3543 E+03
5.0801 E+02	6.6010 E+02	2.6250 E+05	- 3.3967 E+04	1.4642 E+05	2.6519 E+00	- 2.7670 E+02	6.8889 E+03	1.5452 E+05	1.9463 E+01	3.7703 E+02	1.3935 E+06	1.0588 E+04	7.1086 E+04	6.7235 E+03
5.0801 E+02	6.0932 E+02	2.6823 E+05	- 3.3967 E+04	1.3945 E+05	7.8521 E+00	- 2.7670 E+02	6.4837 E+03	2.1685 E+05	1.9463 E+01	3.4803 E+02	2.1638 E+06	1.0588 E+04	6.7701 E+04	8.6545 E+03
5.0801 E+02	5.5855 E+02	3.9654 E+05	- 3.3967 E+04	1.3247 E+05	2.1609 E+02	- 2.7670 E+02	6.0784 E+03	3.2465 E+05	1.9463 E+01	3.1903 E+02	3.3988 E+06	1.0588 E+04	6.4316 E+04	2.2615 E+04

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
5.0801 E+02	5.0777 E+02	4.8175 E+05	- 3.3967 E+04	1.2550 E+05	1.2427 E+02	- 2.7670 E+02	5.6732 E+03	5.1871 E+05	1.9463 E+01	2.9003 E+02	5.3238 E+06	1.0588 E+04	6.0931 E+04	4.2805 E+04
5.0801 E+02	4.5699 E+02	7.8404 E+05	- 3.3967 E+04	1.1853 E+05	5.6865 E+02	- 2.7670 E+02	5.2680 E+03	6.5285 E+05	1.9463 E+01	2.6102 E+02	8.1532 E+06	1.0588 E+04	5.7546 E+04	7.5901 E+04
5.0801 E+02	4.0622 E+02	1.1091 E+06	- 3.3967 E+04	1.1156 E+05	1.6476 E+03	- 2.7670 E+02	4.8628 E+03	9.2265 E+05	1.9463 E+01	2.3202 E+02	1.2851 E+07	1.0588 E+04	5.4161 E+04	1.1767 E+05
5.0801 E+02	3.5544 E+02	1.6199 E+06	- 3.3967 E+04	1.0458 E+05	7.2172 E+02	- 2.7670 E+02	4.4575 E+03	1.1382 E+06	1.9463 E+01	2.0302 E+02	1.9935 E+07	1.0588 E+04	5.0776 E+04	1.7856 E+05
5.0801 E+02	3.0466 E+02	2.1780 E+06	- 3.3967 E+04	9.7613 E+04	3.9222 E+03	- 2.7670 E+02	4.0523 E+03	1.6365 E+06	1.9463 E+01	1.7402 E+02	2.8715 E+07	1.0588 E+04	4.7391 E+04	2.2655 E+05
5.0801 E+02	2.5389 E+02	4.0721 E+06	- 3.3967 E+04	9.0640 E+04	6.8104 E+03	- 2.7670 E+02	3.6471 E+03	2.2659 E+06	1.9463 E+01	1.4501 E+02	3.7630 E+07	1.0588 E+04	4.4006 E+04	2.9854 E+05
5.0801 E+02	2.0311 E+02	5.1447 E+06	- 3.3967 E+04	8.3668 E+04	1.0024 E+04	- 2.7670 E+02	3.2418 E+03	3.0032 E+06	1.9463 E+01	1.1601 E+02	4.9034 E+07	1.0588 E+04	4.0621 E+04	3.0497 E+05
5.0801 E+02	1.5233 E+02	6.1745 E+06	- 3.3967 E+04	7.6696 E+04	1.3276 E+04	- 2.7670 E+02	2.8366 E+03	3.9130 E+06	1.9463 E+01	8.7008 E+01	5.8098 E+07	1.0588 E+04	3.7235 E+04	3.9555 E+05
5.0801 E+02	1.0155 E+02	9.2483 E+06	- 3.3967 E+04	6.9723 E+04	4.5692 E+04	- 2.7670 E+02	2.4314 E+03	4.9136 E+06	1.9463 E+01	5.8005 E+01	7.9137 E+07	1.0588 E+04	3.3850 E+04	4.9558 E+05
5.0801 E+02	5.0777 E+01	2.5509 E+07	- 3.3967 E+04	6.2751 E+04	2.2631 E+04	- 2.7670 E+02	2.0261 E+03	6.2116 E+06	1.9463 E+01	2.9003 E+01	1.6856 E+08	1.0588 E+04	3.0465 E+04	7.2052 E+05
5.0801 E+02	0.0000 E+00	3.4686 E+07	- 3.3967 E+04	5.5779 E+04	1.1287 E+05	- 2.7670 E+02	1.6209 E+03	6.3874 E+06	1.9463 E+01	0.0000 E+00	2.8408 E+08	1.0588 E+04	2.7080 E+04	1.3412 E+06
4.4929 E+02	2.4881 E+03	8.9360 E+00	- 3.3967 E+04	4.8806 E+04	1.6665 E+05	- 2.7670 E+02	1.2157 E+03	6.4875 E+06	- 1.0649 E+01	1.3341 E+03	6.5980 E-01	1.0588 E+04	2.3695 E+04	2.1737 E+06
4.4929 E+02	2.4373 E+03	4.5833 E-02	- 3.3967 E+04	4.1834 E+04	3.8563 E+05	- 2.7670 E+02	8.1046 E+02	9.3100 E+06	- 1.0649 E+01	1.2761 E+03	3.4496 E+00	1.0588 E+04	2.0310 E+04	3.1915 E+06
4.4929 E+02	2.3865 E+03	1.0651 E+01	- 3.3967 E+04	3.4862 E+04	9.0476 E+05	- 2.7670 E+02	4.0523 E+02	2.3065 E+07	- 1.0649 E+01	1.2471 E+03	8.3693 E+00	1.0588 E+04	1.6925 E+04	5.1874 E+06
4.4929 E+02	2.3357 E+03	2.5192 E+00	- 3.3967 E+04	2.7889 E+04	2.0519 E+06	- 2.7670 E+02	0.0000 E+00	5.0943 E+07	- 1.0649 E+01	1.2181 E+03	3.5208 E+00	1.0588 E+04	1.3540 E+04	8.8711 E+06
4.4929 E+02	2.2850 E+03	1.1311 E+01	- 3.3967 E+04	2.0917 E+04	4.1733 E+06	- 7.7833 E+02	1.9046 E+04	6.2500 E-01	- 1.0649 E+01	1.1891 E+03	2.8958 E+00	1.0588 E+04	1.0155 E+04	1.2337 E+07
4.4929 E+02	2.2342 E+03	8.3693 E+00	- 3.3967 E+04	1.3945 E+04	7.0299 E+06	- 7.7833 E+02	1.8641 E+04	2.7898 E+00	- 1.0649 E+01	1.1601 E+03	1.6461 E+01	1.0588 E+04	6.7701 E+03	1.9316 E+07
4.4929 E+02	2.1834 E+03	1.9556 E+00	- 3.3967 E+04	6.9723 E+03	1.3145 E+07	- 7.7833 E+02	1.8235 E+04	1.2157 E+00	- 1.0649 E+01	1.1311 E+03	4.2860 E+01	1.0588 E+04	3.3850 E+03	2.6016 E+07

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.4929 E+02	2.1326 E+03	3.9782 E+01	- 3.3967 E+04	0.0000 E+00	2.0383 E+07	- 7.7833 E+02	1.7830 E+04	1.0256 E+01	- 1.0649 E+01	1.1021 E+03	4.7606 E+01	1.0588 E+04	0.0000 E+00	1.0514 E+08
4.4929 E+02	2.0819 E+03	1.4222 E+01	- 4.1614 E+04	3.3467 E+05	1.6902 E+00	- 7.7833 E+02	1.7425 E+04	7.2576 E+01	- 1.0649 E+01	1.0731 E+03	8.3870 E+01	6.9325 E+03	1.5233 E+05	3.1598 E+00
4.4929 E+02	2.0311 E+03	1.1236 E+02	- 4.1614 E+04	3.0678 E+05	6.5105 E+00	- 7.7833 E+02	1.7020 E+04	1.3533 E+01	- 1.0649 E+01	1.0441 E+03	7.6303 E+01	6.9325 E+03	1.4217 E+05	3.2659 E+00
4.4929 E+02	1.9803 E+03	7.9283 E+01	- 4.1614 E+04	2.9981 E+05	3.4402 E+00	- 7.7833 E+02	1.6614 E+04	1.0651 E+01	- 1.0649 E+01	1.0151 E+03	2.0222 E+02	6.9325 E+03	1.3879 E+05	1.3654 E+00
4.4929 E+02	1.9295 E+03	2.3025 E+02	- 4.1614 E+04	2.9284 E+05	9.9507 E+00	- 7.7833 E+02	1.6209 E+04	1.3078 E+02	- 1.0649 E+01	9.8609 E+02	1.0981 E+02	6.9325 E+03	1.3540 E+05	5.3821 E+00
4.4929 E+02	1.8788 E+03	3.5988 E+02	- 4.1614 E+04	2.8587 E+05	1.0201 E+01	- 7.7833 E+02	1.5804 E+04	3.3647 E+02	- 1.0649 E+01	9.5708 E+02	1.5144 E+03	6.9325 E+03	1.3202 E+05	4.5085 E-01
4.4929 E+02	1.8280 E+03	3.1771 E+02	- 4.1614 E+04	2.7889 E+05	3.3804 E+00	- 7.7833 E+02	1.5399 E+04	9.2870 E+02	- 1.0649 E+01	9.2808 E+02	2.7874 E+02	6.9325 E+03	1.2863 E+05	1.0438 E+02
4.4929 E+02	1.7772 E+03	1.0758 E+03	- 4.1614 E+04	2.7192 E+05	6.8804 E+00	- 7.7833 E+02	1.4994 E+04	2.5790 E+03	- 1.0649 E+01	8.9908 E+02	1.7333 E+03	6.9325 E+03	1.2525 E+05	1.6332 E+01
4.4929 E+02	1.7264 E+03	5.8934 E+02	- 4.1614 E+04	2.6495 E+05	1.1760 E+01	- 7.7833 E+02	1.4588 E+04	4.4473 E+03	- 1.0649 E+01	8.7008 E+02	7.9445 E+02	6.9325 E+03	1.2186 E+05	1.2261 E+02
4.4929 E+02	1.6756 E+03	8.0611 E+02	- 4.1614 E+04	2.5798 E+05	3.5000 E+00	- 7.7833 E+02	1.4183 E+04	5.6069 E+03	- 1.0649 E+01	8.4107 E+02	1.0005 E+03	6.9325 E+03	1.1848 E+05	1.1537 E+02
4.4929 E+02	1.6249 E+03	2.4194 E+03	- 4.1614 E+04	2.4403 E+05	2.3750 E+00	- 7.7833 E+02	1.3778 E+04	7.4358 E+03	- 1.0649 E+01	8.1207 E+02	2.8887 E+03	6.9325 E+03	1.1509 E+05	3.0899 E+01
4.4929 E+02	1.5741 E+03	2.1835 E+03	- 4.1614 E+04	2.3706 E+05	4.1708 E+00	- 7.7833 E+02	1.3373 E+04	9.2394 E+03	- 1.0649 E+01	7.8307 E+02	5.3111 E+03	6.9325 E+03	1.1171 E+05	2.3642 E+02
4.4929 E+02	1.5233 E+03	5.4157 E+03	- 4.1614 E+04	2.3009 E+05	1.9208 E+00	- 7.7833 E+02	1.2967 E+04	1.7222 E+04	- 1.0649 E+01	7.5407 E+02	3.7779 E+03	6.9325 E+03	1.0832 E+05	4.2150 E+01
4.4929 E+02	1.4725 E+03	2.9997 E+03	- 4.1614 E+04	2.1614 E+05	1.2661 E+01	- 7.7833 E+02	1.2562 E+04	3.0189 E+04	- 1.0649 E+01	7.2506 E+02	1.1075 E+04	6.9325 E+03	1.0494 E+05	2.5769 E+02
4.4929 E+02	1.4218 E+03	5.5809 E+03	- 4.1614 E+04	2.0917 E+05	2.4508 E+00	- 7.7833 E+02	1.2157 E+04	4.9408 E+04	- 1.0649 E+01	6.9606 E+02	7.5514 E+03	6.9325 E+03	1.0155 E+05	2.4151 E+01
4.4929 E+02	1.3710 E+03	6.8545 E+03	- 4.1614 E+04	2.0220 E+05	3.9480 E+00	- 7.7833 E+02	1.1752 E+04	3.5514 E+04	- 1.0649 E+01	6.6706 E+02	1.9685 E+04	6.9325 E+03	9.8166 E+04	7.6864 E+01
4.4929 E+02	1.3202 E+03	5.6451 E+03	- 4.1614 E+04	1.9523 E+05	1.5005 E+00	- 7.7833 E+02	1.1346 E+04	4.1500 E+04	- 1.0649 E+01	6.3806 E+02	1.5778 E+04	6.9325 E+03	9.4781 E+04	1.2072 E+02
4.4929 E+02	1.2694 E+03	7.1240 E+03	- 4.1614 E+04	1.8825 E+05	8.2971 E-01	- 7.7833 E+02	1.0941 E+04	4.2553 E+04	- 1.0649 E+01	6.0905 E+02	3.0274 E+04	6.9325 E+03	9.1396 E+04	3.7475 E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.4929 E+02	1.2186 E+03	7.0269 E+03	- 4.1614 E+04	1.8128 E+05	1.9208 E+00	- 7.7833 E+02	1.0536 E+04	6.8077 E+04	- 1.0649 E+01	5.8005 E+02	4.6601 E+04	6.9325 E+03	8.8011 E+04	4.1740 E+02
4.4929 E+02	1.1679 E+03	9.7156 E+03	- 4.1614 E+04	1.7431 E+05	1.5481 E+01	- 7.7833 E+02	1.0131 E+04	8.8275 E+04	- 1.0649 E+01	5.5105 E+02	5.2523 E+04	6.9325 E+03	8.4626 E+04	2.4218 E+02
4.4929 E+02	1.1171 E+03	1.3963 E+04	- 4.1614 E+04	1.6734 E+05	1.5191 E-01	- 7.7833 E+02	9.7255 E+03	9.0212 E+04	- 1.0649 E+01	5.2205 E+02	5.9578 E+04	6.9325 E+03	8.1241 E+04	3.3812 E+02
4.4929 E+02	1.0663 E+03	2.6944 E+04	- 4.1614 E+04	1.6036 E+05	1.5601 E+00	- 7.7833 E+02	9.3203 E+03	6.8266 E+04	- 1.0649 E+01	4.9304 E+02	1.2544 E+05	6.9325 E+03	7.7856 E+04	7.7759 E+02
4.4929 E+02	1.0155 E+03	2.1321 E+04	- 4.1614 E+04	1.5339 E+05	2.8568 E+01	- 7.7833 E+02	8.9151 E+03	9.3718 E+04	- 1.0649 E+01	4.6404 E+02	2.0446 E+05	6.9325 E+03	7.4471 E+04	8.8824 E+02
4.4929 E+02	9.6476 E+02	2.4390 E+04	- 4.1614 E+04	1.4642 E+05	5.9421 E+00	- 7.7833 E+02	8.5098 E+03	4.8475 E+04	- 1.0649 E+01	4.3504 E+02	2.7384 E+05	6.9325 E+03	7.1086 E+04	1.5891 E+03
4.4929 E+02	9.1399 E+02	2.5814 E+04	- 4.1614 E+04	1.3945 E+05	9.3878 E+00	- 7.7833 E+02	8.1046 E+03	9.0070 E+04	- 1.0649 E+01	4.0604 E+02	4.1231 E+05	6.9325 E+03	6.7701 E+04	3.2930 E+03
4.4929 E+02	8.6321 E+02	4.7291 E+04	- 4.1614 E+04	1.3247 E+05	3.2880 E+02	- 7.7833 E+02	7.6994 E+03	1.9257 E+05	- 1.0649 E+01	3.7703 E+02	8.1509 E+05	6.9325 E+03	6.4316 E+04	3.8390 E+03
4.4929 E+02	8.1243 E+02	4.7157 E+04	- 4.1614 E+04	1.2550 E+05	3.2785 E+02	- 7.7833 E+02	7.2941 E+03	1.7589 E+05	- 1.0649 E+01	3.4803 E+02	1.1193 E+06	6.9325 E+03	6.0931 E+04	7.7545 E+03
4.4929 E+02	7.6166 E+02	4.1738 E+04	- 4.1614 E+04	1.1853 E+05	7.5786 E+01	- 7.7833 E+02	6.8889 E+03	2.3072 E+05	- 1.0649 E+01	3.1903 E+02	2.0098 E+06	6.9325 E+03	5.7546 E+04	1.3647 E+04
4.4929 E+02	7.1088 E+02	8.9235 E+04	- 4.1614 E+04	1.1156 E+05	7.3969 E+01	- 7.7833 E+02	6.4837 E+03	2.9965 E+05	- 1.0649 E+01	2.9003 E+02	3.1182 E+06	6.9325 E+03	5.4161 E+04	1.8656 E+04
4.4929 E+02	6.6010 E+02	1.1324 E+05	- 4.1614 E+04	1.0458 E+05	1.5512 E+03	- 7.7833 E+02	6.0784 E+03	3.8184 E+05	- 1.0649 E+01	2.6102 E+02	4.8196 E+06	6.9325 E+03	5.0776 E+04	4.0409 E+04
4.4929 E+02	6.0932 E+02	1.1831 E+05	- 4.1614 E+04	9.7613 E+04	3.8522 E+03	- 7.7833 E+02	5.6732 E+03	6.1760 E+05	- 1.0649 E+01	2.3202 E+02	7.8856 E+06	6.9325 E+03	4.7391 E+04	5.9158 E+04
4.4929 E+02	5.5855 E+02	1.6535 E+05	- 4.1614 E+04	9.0640 E+04	4.8107 E+03	- 7.7833 E+02	5.2680 E+03	6.7901 E+05	- 1.0649 E+01	2.0302 E+02	1.2861 E+07	6.9325 E+03	4.4006 E+04	1.0105 E+05
4.4929 E+02	5.0777 E+02	1.8436 E+05	- 4.1614 E+04	8.3668 E+04	7.5080 E+02	- 7.7833 E+02	4.8628 E+03	1.0294 E+06	- 1.0649 E+01	1.7402 E+02	1.9782 E+07	6.9325 E+03	4.0621 E+04	1.5907 E+05
4.4929 E+02	4.5699 E+02	3.5102 E+05	- 4.1614 E+04	7.6696 E+04	6.3851 E+03	- 7.7833 E+02	4.4575 E+03	1.3377 E+06	- 1.0649 E+01	1.4501 E+02	2.9629 E+07	6.9325 E+03	3.7235 E+04	2.5187 E+05
4.4929 E+02	4.0622 E+02	6.2054 E+05	- 4.1614 E+04	6.9723 E+04	2.7833 E+04	- 7.7833 E+02	4.0523 E+03	1.5135 E+06	- 1.0649 E+01	1.1601 E+02	4.1798 E+07	6.9325 E+03	3.3850 E+04	3.0268 E+05
4.4929 E+02	3.5544 E+02	9.1047 E+05	- 4.1614 E+04	6.2751 E+04	2.9439 E+04	- 7.7833 E+02	3.6471 E+03	2.1680 E+06	- 1.0649 E+01	8.7008 E+01	5.3001 E+07	6.9325 E+03	3.0465 E+04	6.8421 E+05

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
4.4929 E+02	3.0466 E+02	1.8613 E+06	- 4.1614 E+04	5.5779 E+04	5.3955 E+04	- 7.7833 E+02	3.2418 E+03	2.8406 E+06	- 1.0649 E+01	5.8005 E+01	7.3544 E+07	6.9325 E+03	2.7080 E+04	1.2580 E+06
4.4929 E+02	2.5389 E+02	3.1050 E+06	- 4.1614 E+04	4.8806 E+04	1.6387 E+05	- 7.7833 E+02	2.8366 E+03	3.4427 E+06	- 1.0649 E+01	2.9003 E+01	1.4792 E+08	6.9325 E+03	2.3695 E+04	2.1808 E+06
4.4929 E+02	2.0311 E+02	4.4881 E+06	- 4.1614 E+04	4.1834 E+04	2.8455 E+05	- 7.7833 E+02	2.4314 E+03	4.8904 E+06	- 1.0649 E+01	0.0000 E+00	2.9656 E+08	6.9325 E+03	2.0310 E+04	3.9977 E+06
4.4929 E+02	1.5233 E+02	5.7401 E+06	- 4.1614 E+04	3.4862 E+04	6.6543 E+05	- 7.7833 E+02	2.0261 E+03	5.0235 E+06	- 4.0761 E+01	1.2471 E+03	2.7898 E+00	6.9325 E+03	1.6925 E+04	7.4287 E+06
4.4929 E+02	1.0155 E+02	8.5879 E+06	- 4.1614 E+04	2.7889 E+04	1.5359 E+06	- 7.7833 E+02	1.6209 E+03	5.0956 E+06	- 4.0761 E+01	1.2181 E+03	2.5000 E+00	6.9325 E+03	1.3540 E+04	1.2244 E+07
4.4929 E+02	5.0777 E+01	2.4209 E+07	- 4.1614 E+04	2.0917 E+04	3.4466 E+06	- 7.7833 E+02	1.2157 E+03	5.6043 E+06	- 4.0761 E+01	1.1891 E+03	8.3693 E+00	6.9325 E+03	1.0155 E+04	1.7188 E+07
4.4929 E+02	0.0000 E+00	3.8087 E+07	- 4.1614 E+04	1.3945 E+04	5.7599 E+06	- 7.7833 E+02	8.1046 E+02	7.4325 E+06	- 4.0761 E+01	1.1601 E+03	4.1094 E+00	6.9325 E+03	6.7701 E+03	2.2717 E+07
3.9056 E+02	2.4881 E+03	2.1303 E+01	- 4.1614 E+04	6.9723 E+03	1.0246 E+07	- 7.7833 E+02	4.0523 E+02	1.8989 E+07	- 4.0761 E+01	1.1311 E+03	1.4040 E+00	6.9325 E+03	3.3850 E+03	2.8417 E+07
3.9056 E+02	2.3865 E+03	6.5980 E-01	- 4.1614 E+04	0.0000 E+00	1.7927 E+07	- 7.7833 E+02	0.0000 E+00	4.1851 E+07	- 4.0761 E+01	1.1021 E+03	2.9810 E+00	6.9325 E+03	0.0000 E+00	1.1780 E+08
3.9056 E+02	2.3357 E+03	5.6434 E+00	- 4.9261 E+04	2.9981 E+05	1.6902 E+00	- 1.2800 E+03	1.9046 E+04	2.7898 E+00	- 4.0761 E+01	1.0731 E+03	2.5273 E+01	3.2767 E+03	1.4556 E+05	7.5000 E+00
3.9056 E+02	2.2850 E+03	8.9360 E+00	- 4.9261 E+04	2.9284 E+05	1.6902 E+00	- 1.2800 E+03	1.8235 E+04	2.5133 E+01	- 4.0761 E+01	1.0441 E+03	3.8392 E+01	3.2767 E+03	1.4217 E+05	2.5000 E+00
3.9056 E+02	2.2342 E+03	6.5105 E+00	- 4.9261 E+04	2.8587 E+05	6.5105 E+00	- 1.2800 E+03	1.7020 E+04	1.0954 E+02	- 4.0761 E+01	9.8609 E+02	4.0587 E+01	3.2767 E+03	1.3879 E+05	1.0607 E-01
3.9056 E+02	2.1834 E+03	1.1322 E+01	- 4.9261 E+04	2.7889 E+05	2.4602 E+01	- 1.2800 E+03	1.6209 E+04	3.1633 E+02	- 4.0761 E+01	9.5708 E+02	1.7397 E+01	3.2767 E+03	1.3540 E+05	4.5833 E-02
3.9056 E+02	2.1326 E+03	4.8418 E+01	- 4.9261 E+04	2.7192 E+05	1.3271 E+01	- 1.2800 E+03	1.5804 E+04	7.4002 E+02	- 4.0761 E+01	9.2808 E+02	1.0241 E+02	3.2767 E+03	1.3202 E+05	9.6247 E+00
3.9056 E+02	2.0819 E+03	1.6630 E+01	- 4.9261 E+04	2.6495 E+05	8.2007 E+00	- 1.2800 E+03	1.5399 E+04	1.9263 E+03	- 4.0761 E+01	8.9908 E+02	1.0120 E+02	3.2767 E+03	1.2863 E+05	5.1941 E+00
3.9056 E+02	2.0311 E+03	1.9472 E+01	- 4.9261 E+04	2.5798 E+05	1.0562 E+01	- 1.2800 E+03	1.4994 E+04	1.8547 E+03	- 4.0761 E+01	8.7008 E+02	2.7749 E+02	3.2767 E+03	1.2525 E+05	5.6708 E+00
3.9056 E+02	1.9803 E+03	6.0785 E+01	- 4.9261 E+04	2.5100 E+05	1.4351 E+01	- 1.2800 E+03	1.4588 E+04	1.1990 E+03	- 4.0761 E+01	8.4107 E+02	1.3747 E+02	3.2767 E+03	1.2186 E+05	1.0593 E+01
3.9056 E+02	1.9295 E+03	5.0561 E+01	- 4.9261 E+04	2.3009 E+05	1.7958 E+00	- 1.2800 E+03	1.4183 E+04	5.3212 E+03	- 4.0761 E+01	8.1207 E+02	1.5139 E+02	3.2767 E+03	1.1848 E+05	3.3723 E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.9056 E+02	1.8788 E+03	3.1180 E+02	- 4.9261 E+04	2.2311 E+05	4.5833 E-02	- 1.2800 E+03	1.3778 E+04	7.4987 E+03	- 4.0761 E+01	7.8307 E+02	2.8999 E+02	3.2767 E+03	1.1509 E+05	6.2278 E+00
3.9056 E+02	1.8280 E+03	1.0996 E+03	- 4.9261 E+04	2.1614 E+05	3.7683 E+00	- 1.2800 E+03	1.3373 E+04	1.6301 E+04	- 4.0761 E+01	7.5407 E+02	3.5816 E+02	3.2767 E+03	1.1171 E+05	2.9767 E+01
3.9056 E+02	1.7772 E+03	1.0123 E+03	- 4.9261 E+04	2.0917 E+05	2.3697 E+01	- 1.2800 E+03	1.2967 E+04	8.1292 E+03	- 4.0761 E+01	7.2506 E+02	2.6749 E+02	3.2767 E+03	1.0832 E+05	1.7243 E+01
3.9056 E+02	1.7264 E+03	1.1582 E+02	- 4.9261 E+04	2.0220 E+05	1.0974 E-01	- 1.2800 E+03	1.2562 E+04	6.7652 E+03	- 4.0761 E+01	6.9606 E+02	2.3127 E+03	3.2767 E+03	1.0494 E+05	2.8126 E+01
3.9056 E+02	1.6756 E+03	1.1029 E+03	- 4.9261 E+04	1.9523 E+05	1.3074 E+00	- 1.2800 E+03	1.2157 E+04	1.7659 E+04	- 4.0761 E+01	6.6706 E+02	1.5440 E+03	3.2767 E+03	1.0155 E+05	1.6226 E+02
3.9056 E+02	1.6249 E+03	4.2793 E+02	- 4.9261 E+04	1.8825 E+05	1.4166 E+00	- 1.2800 E+03	1.1752 E+04	1.8071 E+04	- 4.0761 E+01	6.3806 E+02	2.7530 E+03	3.2767 E+03	9.8166 E+04	1.6428 E+02
3.9056 E+02	1.5741 E+03	4.9748 E+02	- 4.9261 E+04	1.8128 E+05	1.7365 E-01	- 1.2800 E+03	1.1346 E+04	4.4337 E+04	- 4.0761 E+01	6.0905 E+02	2.2656 E+03	3.2767 E+03	9.4781 E+04	9.3998 E+01
3.9056 E+02	1.5233 E+03	7.4561 E+02	- 4.9261 E+04	1.7431 E+05	1.7095 E+01	- 1.2800 E+03	1.0941 E+04	6.2280 E+04	- 4.0761 E+01	5.8005 E+02	6.1740 E+03	3.2767 E+03	9.1396 E+04	2.4232 E+01
3.9056 E+02	1.4725 E+03	1.3079 E+03	- 4.9261 E+04	1.6734 E+05	2.0363 E+00	- 1.2800 E+03	1.0536 E+04	5.9642 E+04	- 4.0761 E+01	5.5105 E+02	8.2162 E+03	3.2767 E+03	8.8011 E+04	1.8189 E+02
3.9056 E+02	1.4218 E+03	1.1848 E+03	- 4.9261 E+04	1.6036 E+05	1.1863 E+00	- 1.2800 E+03	1.0131 E+04	7.7199 E+04	- 4.0761 E+01	5.2205 E+02	1.2911 E+04	3.2767 E+03	8.4626 E+04	1.7346 E+02
3.9056 E+02	1.3710 E+03	2.9588 E+03	- 4.9261 E+04	1.5339 E+05	3.2501 E+00	- 1.2800 E+03	9.7255 E+03	9.3581 E+04	- 4.0761 E+01	4.9304 E+02	1.2248 E+04	3.2767 E+03	8.1241 E+04	1.7530 E+02
3.9056 E+02	1.3202 E+03	2.7251 E+03	- 4.9261 E+04	1.4642 E+05	1.4065 E+01	- 1.2800 E+03	9.3203 E+03	1.2221 E+05	- 4.0761 E+01	4.6404 E+02	1.7017 E+04	3.2767 E+03	7.7856 E+04	5.6907 E+02
3.9056 E+02	1.2694 E+03	1.7542 E+03	- 4.9261 E+04	1.3945 E+05	1.0447 E+02	- 1.2800 E+03	8.9151 E+03	9.6867 E+04	- 4.0761 E+01	4.3504 E+02	1.6203 E+04	3.2767 E+03	7.4471 E+04	3.3305 E+03
3.9056 E+02	1.2186 E+03	4.3703 E+03	- 4.9261 E+04	1.3247 E+05	1.6337 E+01	- 1.2800 E+03	8.5098 E+03	1.0101 E+05	- 4.0761 E+01	4.0604 E+02	4.4335 E+04	3.2767 E+03	7.1086 E+04	4.0691 E+03
3.9056 E+02	1.1679 E+03	4.5113 E+03	- 4.9261 E+04	1.2550 E+05	8.8258 E+02	- 1.2800 E+03	8.1046 E+03	1.8000 E+05	- 4.0761 E+01	3.7703 E+02	2.5655 E+04	3.2767 E+03	6.7701 E+04	4.5491 E+03
3.9056 E+02	1.1171 E+03	5.7237 E+03	- 4.9261 E+04	1.1853 E+05	1.5056 E+02	- 1.2800 E+03	7.6994 E+03	1.6761 E+05	- 4.0761 E+01	3.4803 E+02	5.3826 E+04	3.2767 E+03	6.4316 E+04	4.0643 E+03
3.9056 E+02	1.0663 E+03	1.0777 E+04	- 4.9261 E+04	1.1156 E+05	6.4122 E+02	- 1.2800 E+03	7.2941 E+03	2.2485 E+05	- 4.0761 E+01	3.1903 E+02	8.0893 E+04	3.2767 E+03	6.0931 E+04	5.4661 E+03
3.9056 E+02	1.0155 E+03	6.5557 E+03	- 4.9261 E+04	1.0458 E+05	2.9497 E+03	- 1.2800 E+03	6.8889 E+03	3.0831 E+05	- 4.0761 E+01	2.9003 E+02	1.2183 E+05	3.2767 E+03	5.7546 E+04	3.6958 E+03

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.9056 E+02	9.6476 E+02	1.1632 E+04	- 4.9261 E+04	9.7613 E+04	2.7184 E+03	- 1.2800 E+03	6.4837 E+03	3.4569 E+05	- 4.0761 E+01	2.6102 E+02	1.4038 E+05	3.2767 E+03	5.4161 E+04	8.4121 E+03
3.9056 E+02	9.1399 E+02	7.7973 E+03	- 4.9261 E+04	9.0640 E+04	3.8143 E+03	- 1.2800 E+03	6.0784 E+03	5.1144 E+05	- 4.0761 E+01	2.3202 E+02	2.1289 E+05	3.2767 E+03	5.0776 E+04	2.2536 E+04
3.9056 E+02	8.6321 E+02	1.8861 E+04	- 4.9261 E+04	8.3668 E+04	3.5333 E+03	- 1.2800 E+03	5.6732 E+03	6.0022 E+05	- 4.0761 E+01	2.0302 E+02	3.1788 E+05	3.2767 E+03	4.7391 E+04	4.3972 E+04
3.9056 E+02	8.1243 E+02	1.3055 E+04	- 4.9261 E+04	7.6696 E+04	9.7578 E+03	- 1.2800 E+03	5.2680 E+03	8.2351 E+05	- 4.0761 E+01	1.7402 E+02	4.9773 E+05	3.2767 E+03	4.4006 E+04	7.8185 E+04
3.9056 E+02	7.6166 E+02	3.3091 E+04	- 4.9261 E+04	6.9723 E+04	9.8762 E+03	- 1.2800 E+03	4.8628 E+03	9.6918 E+05	- 4.0761 E+01	1.4501 E+02	8.6578 E+05	3.2767 E+03	4.0621 E+04	9.5645 E+04
3.9056 E+02	7.1088 E+02	2.2348 E+04	- 4.9261 E+04	6.2751 E+04	2.7495 E+04	- 1.2800 E+03	4.4575 E+03	1.4938 E+06	- 4.0761 E+01	1.1601 E+02	1.1257 E+06	3.2767 E+03	3.7235 E+04	1.6958 E+05
3.9056 E+02	6.6010 E+02	4.2948 E+04	- 4.9261 E+04	5.5779 E+04	4.5813 E+04	- 1.2800 E+03	4.0523 E+03	1.8107 E+06	- 4.0761 E+01	8.7008 E+01	2.0485 E+06	3.2767 E+03	3.3850 E+04	3.5070 E+05
3.9056 E+02	6.0932 E+02	6.1271 E+04	- 4.9261 E+04	4.8806 E+04	8.4266 E+04	- 1.2800 E+03	3.6471 E+03	2.4195 E+06	- 4.0761 E+01	5.8005 E+01	7.4696 E+06	3.2767 E+03	3.0465 E+04	6.5284 E+05
3.9056 E+02	5.5855 E+02	8.1007 E+04	- 4.9261 E+04	4.1834 E+04	2.3383 E+05	- 1.2800 E+03	3.2418 E+03	2.9512 E+06	- 4.0761 E+01	2.9003 E+01	3.4823 E+07	3.2767 E+03	2.7080 E+04	1.1190 E+06
3.9056 E+02	5.0777 E+02	1.8597 E+05	- 4.9261 E+04	3.4862 E+04	5.6485 E+05	- 1.2800 E+03	2.8366 E+03	3.3897 E+06	- 4.0761 E+01	0.0000 E+00	8.0090 E+07	3.2767 E+03	2.3695 E+04	2.0972 E+06
3.9056 E+02	4.5699 E+02	3.2224 E+05	- 4.9261 E+04	2.7889 E+04	1.1495 E+06	- 1.2800 E+03	2.4314 E+03	3.9791 E+06	- 7.0872 E+01	1.1891 E+03	2.7898 E+00	3.2767 E+03	2.0310 E+04	3.7359 E+06
3.9056 E+02	4.0622 E+02	5.2280 E+05	- 4.9261 E+04	2.0917 E+04	1.9823 E+06	- 1.2800 E+03	2.0261 E+03	3.9957 E+06	- 7.0872 E+01	1.1311 E+03	2.5000 E+00	3.2767 E+03	1.6925 E+04	6.9141 E+06
3.9056 E+02	3.5544 E+02	1.1469 E+06	- 4.9261 E+04	1.3945 E+04	3.2436 E+06	- 1.2800 E+03	1.6209 E+03	4.2029 E+06	- 7.0872 E+01	1.0731 E+03	4.5833 E-02	3.2767 E+03	1.3540 E+04	1.1748 E+07
3.9056 E+02	3.0466 E+02	2.0846 E+06	- 4.9261 E+04	6.9723 E+03	6.4672 E+06	- 1.2800 E+03	1.2157 E+03	4.2247 E+06	- 7.0872 E+01	1.0151 E+03	4.2936 E+01	3.2767 E+03	1.0155 E+04	1.9891 E+07
3.9056 E+02	2.5389 E+02	3.4144 E+06	- 4.9261 E+04	0.0000 E+00	1.3032 E+07	- 1.2800 E+03	8.1046 E+02	5.9575 E+06	- 7.0872 E+01	9.8609 E+02	6.2045 E+00	3.2767 E+03	6.7701 E+03	3.2671 E+07
3.9056 E+02	2.0311 E+02	5.1005 E+06	- 5.6908 E+04	2.9284 E+05	3.3804 E+00	- 1.2800 E+03	4.0523 E+02	1.5784 E+07	- 7.0872 E+01	9.2808 E+02	5.6253 E+00	3.2767 E+03	3.3850 E+03	4.4007 E+07
3.9056 E+02	1.5233 E+02	6.2444 E+06	- 5.6908 E+04	2.7889 E+05	6.5105 E+00	- 1.2800 E+03	0.0000 E+00	3.3630 E+07	- 7.0872 E+01	8.9908 E+02	2.1303 E+01	3.2767 E+03	0.0000 E+00	1.2910 E+08
3.9056 E+02	1.0155 E+02	8.3308 E+06	- 5.6908 E+04	2.7192 E+05	4.5833 E-02	- 1.7816 E+03	1.9856 E+04	4.5833 E-02	- 7.0872 E+01	8.7008 E+02	7.4608 E+01	- 3.7919 E+02	1.3540 E+05	2.8537 E+00

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.9056 E+02	5.0777 E+01	2.2078 E+07	- 5.6908 E+04	2.6495 E+05	8.2007 E+00	- 1.7816 E+03	1.9046 E+04	6.5980 E-01	- 7.0872 E+01	8.4107 E+02	3.1132 E+01	- 3.7919 E+02	1.3202 E+05	1.0607 E-01
3.9056 E+02	0.0000 E+00	3.7059 E+07	- 5.6908 E+04	2.5798 E+05	1.7500 E+00	- 1.7816 E+03	1.8641 E+04	2.7898 E+00	- 7.0872 E+01	8.1207 E+02	2.7140 E+01	- 3.7919 E+02	1.2525 E+05	2.1949 E-01
3.3183 E+02	2.3357 E+03	2.1349 E+01	- 5.6908 E+04	2.5100 E+05	1.7393 E+01	- 1.7816 E+03	1.8235 E+04	6.5980 E-01	- 7.0872 E+01	7.8307 E+02	2.0284 E+01	- 3.7919 E+02	1.2186 E+05	7.4313 E-01
3.3183 E+02	2.2342 E+03	3.7345 E+01	- 5.6908 E+04	2.4403 E+05	7.4395 E+00	- 1.7816 E+03	1.7830 E+04	6.4444 E+01	- 7.0872 E+01	7.5407 E+02	2.6943 E+01	- 3.7919 E+02	1.1848 E+05	4.5833 E-02
3.3183 E+02	2.1834 E+03	4.6142 E+01	- 5.6908 E+04	2.3706 E+05	3.5458 E+00	- 1.7816 E+03	1.7425 E+04	6.1971 E+01	- 7.0872 E+01	7.2506 E+02	1.2042 E+02	- 3.7919 E+02	1.1509 E+05	8.2105 E-01
3.3183 E+02	2.1326 E+03	1.7600 E+01	- 5.6908 E+04	2.3009 E+05	1.8364 E+01	- 1.7816 E+03	1.7020 E+04	6.2649 E+01	- 7.0872 E+01	6.9606 E+02	6.1354 E+01	- 3.7919 E+02	1.1171 E+05	8.9810 E-01
3.3183 E+02	2.0819 E+03	9.5105 E+00	- 5.6908 E+04	2.2311 E+05	3.8811 E+01	- 1.7816 E+03	1.6614 E+04	8.9360 E+00	- 7.0872 E+01	6.6706 E+02	1.2032 E+03	- 3.7919 E+02	1.0832 E+05	3.1941 E+03
3.3183 E+02	2.0311 E+03	4.3852 E+01	- 5.6908 E+04	2.1614 E+05	1.4941 E+01	- 1.7816 E+03	1.6209 E+04	4.9023 E+02	- 7.0872 E+01	6.3806 E+02	2.7005 E+02	- 3.7919 E+02	1.0494 E+05	5.2968 E+03
3.3183 E+02	1.9803 E+03	1.6726 E+01	- 5.6908 E+04	2.0917 E+05	2.4225 E+01	- 1.7816 E+03	1.5804 E+04	1.0546 E+02	- 7.0872 E+01	6.0905 E+02	6.0955 E+02	- 3.7919 E+02	1.0155 E+05	5.9480 E+00
3.3183 E+02	1.9295 E+03	2.9498 E+01	- 5.6908 E+04	2.0220 E+05	1.9141 E+00	- 1.7816 E+03	1.5399 E+04	1.2360 E+03	- 7.0872 E+01	5.8005 E+02	3.6203 E+02	- 3.7919 E+02	9.8166 E+04	8.2604 E+00
3.3183 E+02	1.8788 E+03	2.5916 E+01	- 5.6908 E+04	1.9523 E+05	3.0266 E+01	- 1.7816 E+03	1.4994 E+04	2.6821 E+02	- 7.0872 E+01	5.5105 E+02	4.7556 E+02	- 3.7919 E+02	9.4781 E+04	1.1784 E+03
3.3183 E+02	1.8280 E+03	3.4475 E+01	- 5.6908 E+04	1.8825 E+05	3.2374 E+01	- 1.7816 E+03	1.4588 E+04	1.1725 E+03	- 7.0872 E+01	5.2205 E+02	1.1639 E+03	- 3.7919 E+02	9.1396 E+04	7.7280 E+01
3.3183 E+02	1.7772 E+03	3.8095 E+01	- 5.6908 E+04	1.8128 E+05	3.7441 E+01	- 1.7816 E+03	1.4183 E+04	2.1474 E+03	- 7.0872 E+01	4.9304 E+02	1.5869 E+03	- 3.7919 E+02	8.8011 E+04	2.1326 E+03
3.3183 E+02	1.7264 E+03	8.2655 E+01	- 5.6908 E+04	1.7431 E+05	1.4793 E+02	- 1.7816 E+03	1.3778 E+04	3.8096 E+03	- 7.0872 E+01	4.6404 E+02	1.5173 E+03	- 3.7919 E+02	8.4626 E+04	1.1200 E+03
3.3183 E+02	1.6756 E+03	2.3015 E+02	- 5.6908 E+04	1.6734 E+05	1.3750 E-01	- 1.7816 E+03	1.3373 E+04	5.0564 E+03	- 7.0872 E+01	4.3504 E+02	1.9068 E+03	- 3.7919 E+02	8.1241 E+04	3.3207 E+03
3.3183 E+02	1.6249 E+03	7.9097 E+01	- 5.6908 E+04	1.6036 E+05	2.1797 E+02	- 1.7816 E+03	1.2967 E+04	3.4969 E+03	- 7.0872 E+01	4.0604 E+02	1.8606 E+03	- 3.7919 E+02	7.7856 E+04	3.4802 E+03
3.3183 E+02	1.5741 E+03	2.0042 E+02	- 5.6908 E+04	1.5339 E+05	1.2564 E+02	- 1.7816 E+03	1.2562 E+04	3.4107 E+03	- 7.0872 E+01	3.7703 E+02	2.8555 E+03	- 3.7919 E+02	7.4471 E+04	1.8316 E+02
3.3183 E+02	1.5233 E+03	3.4595 E+02	- 5.6908 E+04	1.4642 E+05	2.6443 E+02	- 1.7816 E+03	1.2157 E+04	7.3446 E+03	- 7.0872 E+01	3.4803 E+02	3.0665 E+03	- 3.7919 E+02	7.1086 E+04	1.7689 E+03

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Document:
 0138-8633 VER 00

Description:
 Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.3183 E+02	1.4725 E+03	5.4049 E+02	- 5.6908 E+04	1.3945 E+05	3.4488 E+02	- 1.7816 E+03	1.1752 E+04	1.5806 E+04	- 7.0872 E+01	3.1903 E+02	6.1748 E+03	- 3.7919 E+02	6.7701 E+04	3.4783 E+03
3.3183 E+02	1.4218 E+03	5.7604 E+02	- 5.6908 E+04	1.3247 E+05	1.4391 E+02	- 1.7816 E+03	1.1346 E+04	1.8782 E+04	- 7.0872 E+01	2.9003 E+02	7.6286 E+03	- 3.7919 E+02	6.4316 E+04	5.8300 E+03
3.3183 E+02	1.3710 E+03	4.9667 E+02	- 5.6908 E+04	1.2550 E+05	3.7195 E+02	- 1.7816 E+03	1.0941 E+04	1.8740 E+04	- 7.0872 E+01	2.6102 E+02	1.3030 E+04	- 3.7919 E+02	6.0931 E+04	3.6265 E+03
3.3183 E+02	1.3202 E+03	1.4717 E+03	- 5.6908 E+04	1.1853 E+05	2.7725 E+03	- 1.7816 E+03	1.0536 E+04	4.2073 E+04	- 7.0872 E+01	2.3202 E+02	2.9840 E+04	- 3.7919 E+02	5.7546 E+04	2.8778 E+04
3.3183 E+02	1.2694 E+03	9.5009 E+02	- 5.6908 E+04	1.1156 E+05	9.0694 E+02	- 1.7816 E+03	1.0131 E+04	4.8249 E+04	- 7.0872 E+01	2.0302 E+02	6.4720 E+04	- 3.7919 E+02	5.4161 E+04	2.2032 E+04
3.3183 E+02	1.2186 E+03	7.1886 E+02	- 5.6908 E+04	1.0458 E+05	1.4765 E+03	- 1.7816 E+03	9.7255 E+03	9.7164 E+04	- 7.0872 E+01	1.7402 E+02	9.5353 E+04	- 3.7919 E+02	5.0776 E+04	2.1387 E+04
3.3183 E+02	1.1679 E+03	1.6046 E+03	- 5.6908 E+04	9.7613 E+04	1.4415 E+03	- 1.7816 E+03	9.3203 E+03	1.3111 E+05	- 7.0872 E+01	1.4501 E+02	1.5892 E+05	- 3.7919 E+02	4.7391 E+04	2.7299 E+04
3.3183 E+02	1.1171 E+03	2.4449 E+03	- 5.6908 E+04	9.0640 E+04	2.1608 E+03	- 1.7816 E+03	8.9151 E+03	1.1180 E+05	- 7.0872 E+01	1.1601 E+02	2.6893 E+05	- 3.7919 E+02	4.4006 E+04	3.1499 E+04
3.3183 E+02	1.0663 E+03	2.0126 E+03	- 5.6908 E+04	8.3668 E+04	4.3064 E+03	- 1.7816 E+03	8.5098 E+03	2.1395 E+05	- 7.0872 E+01	8.7008 E+01	5.6612 E+05	- 3.7919 E+02	4.0621 E+04	6.9758 E+04
3.3183 E+02	1.0155 E+03	3.0301 E+03	- 5.6908 E+04	7.6696 E+04	1.8444 E+04	- 1.7816 E+03	8.1046 E+03	2.3912 E+05	- 7.0872 E+01	5.8005 E+01	1.9635 E+06	- 3.7919 E+02	3.7235 E+04	1.6243 E+05
3.3183 E+02	9.6476 E+02	4.4129 E+03	- 5.6908 E+04	6.9723 E+04	1.1062 E+04	- 1.7816 E+03	7.6994 E+03	2.4404 E+05	- 7.0872 E+01	2.9003 E+01	1.0316 E+07	- 3.7919 E+02	3.3850 E+04	2.4732 E+05
3.3183 E+02	9.1399 E+02	4.7644 E+03	- 5.6908 E+04	6.2751 E+04	2.2374 E+04	- 1.7816 E+03	7.2941 E+03	3.2867 E+05	- 7.0872 E+01	0.0000 E+00	2.2497 E+07	- 3.7919 E+02	3.0465 E+04	6.0798 E+05
3.3183 E+02	8.6321 E+02	7.1133 E+03	- 5.6908 E+04	5.5779 E+04	3.7157 E+04	- 1.7816 E+03	6.8889 E+03	3.7622 E+05	- 1.0098 E+02	8.9908 E+02	1.3196 E+00	- 3.7919 E+02	2.7080 E+04	1.1496 E+06
3.3183 E+02	8.1243 E+02	6.6535 E+03	- 5.6908 E+04	4.8806 E+04	8.3516 E+04	- 1.7816 E+03	6.4837 E+03	4.9280 E+05	- 1.0098 E+02	8.4107 E+02	2.7122 E+00	- 3.7919 E+02	2.3695 E+04	2.6909 E+06
3.3183 E+02	7.6166 E+02	1.0423 E+04	- 5.6908 E+04	4.1834 E+04	2.2443 E+05	- 1.7816 E+03	6.0784 E+03	5.4065 E+05	- 1.0098 E+02	8.1207 E+02	5.5795 E+00	- 3.7919 E+02	2.0310 E+04	5.6821 E+06
3.3183 E+02	7.1088 E+02	1.2574 E+04	- 5.6908 E+04	3.4862 E+04	6.0655 E+05	- 1.7816 E+03	5.6732 E+03	6.5821 E+05	- 1.0098 E+02	7.8307 E+02	5.5795 E+00	- 3.7919 E+02	1.6925 E+04	1.1177 E+07
3.3183 E+02	6.6010 E+02	2.7539 E+04	- 5.6908 E+04	2.7889 E+04	1.3726 E+06	- 1.7816 E+03	5.2680 E+03	1.0529 E+06	- 1.0098 E+02	7.5407 E+02	4.5833 E-02	- 3.7919 E+02	1.3540 E+04	2.1093 E+07
3.3183 E+02	6.0932 E+02	4.0609 E+04	- 5.6908 E+04	2.0917 E+04	2.2360 E+06	- 1.7816 E+03	4.8628 E+03	1.1690 E+06	- 1.0098 E+02	7.2506 E+02	3.2326 E+01	- 3.7919 E+02	1.0155 E+04	3.6535 E+07

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RE



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.3183 E+02	5.5855 E+02	7.4467 E+04	- 5.6908 E+04	1.3945 E+04	3.8506 E+06	- 1.7816 E+03	4.4575 E+03	1.4949 E+06	- 1.0098 E+02	6.9606 E+02	2.6882 E+01	- 3.7919 E+02	6.7701 E+03	4.8584 E+07
3.3183 E+02	5.0777 E+02	1.4658 E+05	- 5.6908 E+04	6.9723 E+03	6.8877 E+06	- 1.7816 E+03	4.0523 E+03	1.8453 E+06	- 1.0098 E+02	6.6706 E+02	1.5043 E+01	- 3.7919 E+02	3.3850 E+03	5.1782 E+07
3.3183 E+02	4.5699 E+02	2.6475 E+05	- 5.6908 E+04	0.0000 E+00	1.5538 E+07	- 1.7816 E+03	3.6471 E+03	2.3549 E+06	- 1.0098 E+02	6.3806 E+02	7.9600 E+01	- 3.7919 E+02	0.0000 E+00	1.0518 E+08
3.3183 E+02	4.0622 E+02	6.6796 E+05	- 6.4555 E+04	2.9981 E+05	1.6902 E+00	- 1.7816 E+03	3.2418 E+03	2.7845 E+06	- 1.0098 E+02	6.0905 E+02	1.7609 E+01	- 4.0351 E+03	1.6248 E+05	2.5000 E+00
3.3183 E+02	3.5544 E+02	1.0476 E+06	- 6.4555 E+04	2.9284 E+05	3.3804 E+00	- 1.7816 E+03	2.8366 E+03	3.4889 E+06	- 1.0098 E+02	5.8005 E+02	1.8519 E+02	- 4.0351 E+03	1.3879 E+05	5.0000 E+00
3.3183 E+02	3.0466 E+02	2.0757 E+06	- 6.4555 E+04	2.8587 E+05	1.6902 E+00	- 1.7816 E+03	2.4314 E+03	3.2378 E+06	- 1.0098 E+02	5.5105 E+02	2.3736 E+02	- 4.0351 E+03	1.3202 E+05	5.3537 E+00
3.3183 E+02	2.5389 E+02	2.8842 E+06	- 6.4555 E+04	2.6495 E+05	6.5105 E+00	- 1.7816 E+03	2.0261 E+03	3.2883 E+06	- 1.0098 E+02	5.2205 E+02	1.1064 E+02	- 4.0351 E+03	1.2863 E+05	2.5000 E+00
3.3183 E+02	2.0311 E+02	4.6675 E+06	- 6.4555 E+04	2.5798 E+05	6.7608 E+00	- 1.7816 E+03	1.6209 E+03	3.2587 E+06	- 1.0098 E+02	4.9304 E+02	2.6638 E+02	- 4.0351 E+03	1.2186 E+05	6.5980 E-01
3.3183 E+02	1.5233 E+02	5.6733 E+06	- 6.4555 E+04	2.5100 E+05	1.0774 E+01	- 1.7816 E+03	1.2157 E+03	3.3615 E+06	- 1.0098 E+02	4.6404 E+02	3.2221 E+02	- 4.0351 E+03	1.1848 E+05	6.3910 E-02
3.3183 E+02	1.0155 E+02	7.2922 E+06	- 6.4555 E+04	2.4403 E+05	4.7418 E+00	- 1.7816 E+03	8.1046 E+02	5.6509 E+06	- 1.0098 E+02	4.3504 E+02	2.5086 E+02	- 4.0351 E+03	1.1509 E+05	6.3910 E-02
3.3183 E+02	5.0777 E+01	1.4054 E+07	- 6.4555 E+04	2.3706 E+05	3.1088 E+00	- 1.7816 E+03	4.0523 E+02	1.3618 E+07	- 1.0098 E+02	4.0604 E+02	2.6208 E+02	- 4.0351 E+03	1.1171 E+05	1.0521 E+03
3.3183 E+02	0.0000 E+00	3.7261 E+07	- 6.4555 E+04	2.3009 E+05	1.9366 E+01	- 1.7816 E+03	0.0000 E+00	2.6960 E+07	- 1.0098 E+02	3.7703 E+02	6.1603 E+02	- 4.0351 E+03	1.0832 E+05	1.1584 E+03
2.7311 E+02	2.4373 E+03	3.4262 E+00	- 6.4555 E+04	2.2311 E+05	4.7322 E+01	- 2.2832 E+03	1.9451 E+04	8.9360 E+00	- 1.0098 E+02	3.4803 E+02	3.9654 E+02	- 4.0351 E+03	1.0494 E+05	5.0000 E+00
2.7311 E+02	2.3865 E+03	2.7898 E+00	- 6.4555 E+04	2.1614 E+05	2.0095 E+01	- 2.2832 E+03	1.9046 E+04	3.4118 E+01	- 1.0098 E+02	3.1903 E+02	1.3567 E+03	- 4.0351 E+03	1.0155 E+05	1.0633 E+03
2.7311 E+02	2.3357 E+03	1.7500 E+00	- 6.4555 E+04	2.0917 E+05	2.7601 E+01	- 2.2832 E+03	1.8641 E+04	2.5192 E+00	- 1.0098 E+02	2.9003 E+02	1.4260 E+03	- 4.0351 E+03	9.8166 E+04	2.1043 E+03
2.7311 E+02	2.2850 E+03	2.3152 E+00	- 6.4555 E+04	2.0220 E+05	4.5833 E-02	- 2.2832 E+03	1.7425 E+04	2.5192 E+00	- 1.0098 E+02	2.6102 E+02	4.8685 E+03	- 4.0351 E+03	9.4781 E+04	6.2156 E+00
2.7311 E+02	2.1834 E+03	1.3331 E+01	- 6.4555 E+04	1.9523 E+05	5.5421 E+00	- 2.2832 E+03	1.7020 E+04	4.5833 E-02	- 1.0098 E+02	2.3202 E+02	5.3344 E+03	- 4.0351 E+03	9.1396 E+04	2.2652 E+02
2.7311 E+02	2.1326 E+03	1.1733 E+01	- 6.4555 E+04	1.8825 E+05	1.0396 E+01	- 2.2832 E+03	1.6614 E+04	1.1942 E+02	- 1.0098 E+02	2.0302 E+02	9.7439 E+03	- 4.0351 E+03	8.8011 E+04	2.2445 E+03

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.7311 E+02	2.0819 E+03	1.2435 E+01	- 6.4555 E+04	1.8128 E+05	7.3639 E+00	- 2.2832 E+03	1.6209 E+04	1.7394 E+02	- 1.0098 E+02	1.7402 E+02	2.0940 E+04	- 4.0351 E+03	8.4626 E+04	1.1845 E+03
2.7311 E+02	2.0311 E+03	1.6513 E+01	- 6.4555 E+04	1.7431 E+05	6.3250 E+01	- 2.2832 E+03	1.5804 E+04	2.3573 E+02	- 1.0098 E+02	1.4501 E+02	2.4568 E+04	- 4.0351 E+03	8.1241 E+04	4.7731 E+01
2.7311 E+02	1.9803 E+03	1.4203 E+01	- 6.4555 E+04	1.6734 E+05	3.3318 E+01	- 2.2832 E+03	1.5399 E+04	1.4835 E+02	- 1.0098 E+02	1.1601 E+02	6.1874 E+04	- 4.0351 E+03	7.7856 E+04	1.3106 E+03
2.7311 E+02	1.9295 E+03	7.7540 E+00	- 6.4555 E+04	1.6036 E+05	7.5647 E+02	- 2.2832 E+03	1.4994 E+04	1.3350 E+02	- 1.0098 E+02	8.7008 E+01	1.4913 E+05	- 4.0351 E+03	7.4471 E+04	1.0820 E+03
2.7311 E+02	1.8788 E+03	1.2001 E+01	- 6.4555 E+04	1.5339 E+05	2.8271 E+01	- 2.2832 E+03	1.4588 E+04	4.2254 E+02	- 1.0098 E+02	5.8005 E+01	5.9916 E+05	- 4.0351 E+03	7.1086 E+04	2.1843 E+03
2.7311 E+02	1.8280 E+03	9.3610 E+00	- 6.4555 E+04	1.4642 E+05	7.0457 E+02	- 2.2832 E+03	1.4183 E+04	5.6225 E+01	- 1.0098 E+02	2.9003 E+01	3.1454 E+06	- 4.0351 E+03	6.7701 E+04	2.2022 E+03
2.7311 E+02	1.7772 E+03	3.7973 E+00	- 6.4555 E+04	1.3945 E+05	2.7174 E+03	- 2.2832 E+03	1.3778 E+04	1.3210 E+03	- 1.0098 E+02	0.0000 E+00	6.7845 E+06	- 4.0351 E+03	6.4316 E+04	4.5325 E+02
2.7311 E+02	1.7264 E+03	3.1133 E+01	- 6.4555 E+04	1.3247 E+05	3.5618 E+02	- 2.2832 E+03	1.3373 E+04	2.0783 E+02	- 1.3110 E+02	9.2808 E+02	5.5795 E+00	- 4.0351 E+03	6.0931 E+04	5.0665 E+02
2.7311 E+02	1.6756 E+03	1.2920 E+02	- 6.4555 E+04	1.2550 E+05	4.5468 E+02	- 2.2832 E+03	1.2967 E+04	7.4331 E+02	- 1.3110 E+02	8.9908 E+02	5.5795 E+00	- 4.0351 E+03	5.7546 E+04	1.8221 E+02
2.7311 E+02	1.6249 E+03	2.1950 E+01	- 6.4555 E+04	1.1853 E+05	3.3913 E+03	- 2.2832 E+03	1.2562 E+04	1.5410 E+03	- 1.3110 E+02	7.2506 E+02	1.1159 E+01	- 4.0351 E+03	5.4161 E+04	6.0178 E+02
2.7311 E+02	1.5741 E+03	1.0741 E+02	- 6.4555 E+04	1.1156 E+05	9.2078 E+02	- 2.2832 E+03	1.2157 E+04	6.3595 E+03	- 1.3110 E+02	6.9606 E+02	3.8254 E+01	- 4.0351 E+03	5.0776 E+04	1.5631 E+03
2.7311 E+02	1.5233 E+03	1.1534 E+02	- 6.4555 E+04	1.0458 E+05	1.9679 E+04	- 2.2832 E+03	1.1752 E+04	3.5315 E+03	- 1.3110 E+02	6.6706 E+02	5.5795 E+00	- 4.0351 E+03	4.7391 E+04	4.3158 E+03
2.7311 E+02	1.4725 E+03	6.2486 E+00	- 6.4555 E+04	9.7613 E+04	3.4516 E+03	- 2.2832 E+03	1.1346 E+04	6.6518 E+03	- 1.3110 E+02	6.3806 E+02	2.7186 E+01	- 4.0351 E+03	4.4006 E+04	3.7755 E+03
2.7311 E+02	1.4218 E+03	5.0860 E+01	- 6.4555 E+04	9.0640 E+04	4.0146 E+03	- 2.2832 E+03	1.0941 E+04	5.7181 E+03	- 1.3110 E+02	5.8005 E+02	5.2122 E+00	- 4.0351 E+03	4.0621 E+04	1.4976 E+04
2.7311 E+02	1.3710 E+03	2.9070 E+02	- 6.4555 E+04	8.3668 E+04	4.7324 E+03	- 2.2832 E+03	1.0536 E+04	1.4503 E+04	- 1.3110 E+02	5.5105 E+02	7.4943 E+01	- 4.0351 E+03	3.7235 E+04	1.1351 E+04
2.7311 E+02	1.3202 E+03	1.4345 E+02	- 6.4555 E+04	7.6696 E+04	7.0339 E+03	- 2.2832 E+03	1.0131 E+04	1.8857 E+04	- 1.3110 E+02	5.2205 E+02	8.4141 E+01	- 4.0351 E+03	3.3850 E+04	1.8348 E+04
2.7311 E+02	1.2694 E+03	1.6609 E+02	- 6.4555 E+04	6.9723 E+04	9.5778 E+03	- 2.2832 E+03	9.7255 E+03	2.4290 E+04	- 1.3110 E+02	4.9304 E+02	8.7040 E+01	- 4.0351 E+03	3.0465 E+04	5.0391 E+04
2.7311 E+02	1.2186 E+03	3.4038 E+02	- 6.4555 E+04	6.2751 E+04	9.6559 E+03	- 2.2832 E+03	9.3203 E+03	3.9889 E+04	- 1.3110 E+02	4.6404 E+02	8.4915 E+01	- 4.0351 E+03	2.7080 E+04	1.4471 E+05

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.7311 E+02	1.1679 E+03	3.4709 E+02	- 6.4555 E+04	5.5779 E+04	3.4546 E+04	- 2.2832 E+03	8.9151 E+03	8.7268 E+04	- 1.3110 E+02	4.3504 E+02	2.9241 E+01	- 4.0351 E+03	2.3695 E+04	2.6355 E+05
2.7311 E+02	1.1171 E+03	1.0003 E+03	- 6.4555 E+04	4.8806 E+04	6.5415 E+04	- 2.2832 E+03	8.5098 E+03	9.6798 E+04	- 1.3110 E+02	4.0604 E+02	3.8608 E+01	- 4.0351 E+03	2.0310 E+04	4.6331 E+05
2.7311 E+02	1.0663 E+03	8.6908 E+02	- 6.4555 E+04	4.1834 E+04	1.8927 E+05	- 2.2832 E+03	8.1046 E+03	1.1391 E+05	- 1.3110 E+02	3.7703 E+02	2.5364 E+01	- 4.0351 E+03	1.6925 E+04	9.4513 E+05
2.7311 E+02	1.0155 E+03	1.1176 E+03	- 6.4555 E+04	3.4862 E+04	4.4298 E+05	- 2.2832 E+03	7.6994 E+03	2.4714 E+05	- 1.3110 E+02	3.4803 E+02	6.7755 E+01	- 4.0351 E+03	1.3540 E+04	1.6403 E+06
2.7311 E+02	9.6476 E+02	7.9347 E+02	- 6.4555 E+04	2.7889 E+04	1.3699 E+06	- 2.2832 E+03	7.2941 E+03	3.0167 E+05	- 1.3110 E+02	3.1903 E+02	3.1617 E+02	- 4.0351 E+03	1.0155 E+04	2.4891 E+06
2.7311 E+02	9.1399 E+02	2.3304 E+03	- 6.4555 E+04	2.0917 E+04	2.6969 E+06	- 2.2832 E+03	6.8889 E+03	3.6782 E+05	- 1.3110 E+02	2.9003 E+02	2.4535 E+02	- 4.0351 E+03	6.7701 E+03	3.6056 E+06
2.7311 E+02	8.6321 E+02	4.9657 E+03	- 6.4555 E+04	1.3945 E+04	4.1000 E+06	- 2.2832 E+03	6.4837 E+03	4.5479 E+05	- 1.3110 E+02	2.6102 E+02	4.1271 E+02	- 4.0351 E+03	3.3850 E+03	6.2210 E+06
2.7311 E+02	8.1243 E+02	5.1349 E+03	- 6.4555 E+04	6.9723 E+03	7.9527 E+06	- 2.2832 E+03	6.0784 E+03	5.0596 E+05	- 1.3110 E+02	2.3202 E+02	1.1279 E+03	- 4.0351 E+03	0.0000 E+00	2.6810 E+07
2.7311 E+02	7.6166 E+02	1.2864 E+04	- 6.4555 E+04	0.0000 E+00	2.0554 E+07	- 2.2832 E+03	5.6732 E+03	8.0162 E+05	- 1.3110 E+02	2.0302 E+02	1.2301 E+03	- 7.6909 E+03	1.1509 E+05	2.5024 E+00
2.7311 E+02	7.1088 E+02	1.4386 E+04	- 7.2202 E+04	2.9284 E+05	1.6902 E+00	- 2.2832 E+03	5.2680 E+03	9.6947 E+05	- 1.3110 E+02	1.7402 E+02	1.4156 E+03	- 7.6909 E+03	1.1171 E+05	5.0000 E+00
2.7311 E+02	6.6010 E+02	3.7677 E+04	- 7.2202 E+04	2.8587 E+05	1.6902 E+00	- 2.2832 E+03	4.8628 E+03	1.2739 E+06	- 1.3110 E+02	1.4501 E+02	3.0476 E+03	- 7.6909 E+03	1.0832 E+05	5.0917 E+00
2.7311 E+02	6.0932 E+02	5.2439 E+04	- 7.2202 E+04	2.7192 E+05	1.6902 E+00	- 2.2832 E+03	4.4575 E+03	1.5808 E+06	- 1.3110 E+02	1.1601 E+02	1.5234 E+04	- 7.6909 E+03	1.0494 E+05	8.3335 E-02
2.7311 E+02	5.5855 E+02	1.0052 E+05	- 7.2202 E+04	2.5798 E+05	3.3804 E+00	- 2.2832 E+03	4.0523 E+03	1.7594 E+06	- 1.3110 E+02	8.7008 E+01	3.7699 E+04	- 7.6909 E+03	9.8166 E+04	7.2345 E-01
2.7311 E+02	5.0777 E+02	2.1834 E+05	- 7.2202 E+04	2.2311 E+05	6.5105 E+00	- 2.2832 E+03	3.6471 E+03	2.3823 E+06	- 1.3110 E+02	5.8005 E+01	1.5666 E+05	- 7.6909 E+03	9.4781 E+04	1.1558 E+03
2.7311 E+02	4.5699 E+02	3.6688 E+05	- 7.2202 E+04	2.1614 E+05	5.7035 E+00	- 2.2832 E+03	3.2418 E+03	2.7740 E+06	- 1.3110 E+02	2.9003 E+01	9.9440 E+05	- 7.6909 E+03	9.1396 E+04	2.1457 E+02
2.7311 E+02	4.0622 E+02	7.1389 E+05	- 7.2202 E+04	2.0917 E+05	5.0352 E+01	- 2.2832 E+03	2.8366 E+03	2.8376 E+06	- 1.3110 E+02	0.0000 E+00	2.1044 E+06	- 7.6909 E+03	8.8011 E+04	1.2507 E+01
2.7311 E+02	3.5544 E+02	1.1676 E+06	- 7.2202 E+04	2.0220 E+05	2.8823 E+00	- 2.2832 E+03	2.4314 E+03	2.9153 E+06	- 1.6121 E+02	7.2506 E+02	9.1667 E-02	- 7.6909 E+03	8.4626 E+04	1.9614 E+01
2.7311 E+02	3.0466 E+02	2.1231 E+06	- 7.2202 E+04	1.9523 E+05	5.7035 E+00	- 2.2832 E+03	2.0261 E+03	2.8334 E+06	- 1.6121 E+02	5.8005 E+02	5.5795 E+00	- 7.6909 E+03	8.1241 E+04	1.0776 E+03

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.7311 E+02	2.5389 E+02	3.4785 E+06	- 7.2202 E+04	1.8825 E+05	6.2917 E+00	- 2.2832 E+03	1.6209 E+03	2.7521 E+06	- 1.6121 E+02	5.5105 E+02	2.5714 E+01	- 7.6909 E+03	7.7856 E+04	8.7889 E+00
2.7311 E+02	2.0311 E+02	4.9827 E+06	- 7.2202 E+04	1.8128 E+05	3.7077 E+01	- 2.2832 E+03	1.2157 E+03	2.9967 E+06	- 1.6121 E+02	5.2205 E+02	5.0000 E+00	- 7.6909 E+03	7.4471 E+04	1.2638 E+02
2.7311 E+02	1.5233 E+02	7.2462 E+06	- 7.2202 E+04	1.7431 E+05	1.8210 E+01	- 2.2832 E+03	8.1046 E+02	5.1845 E+06	- 1.6121 E+02	4.9304 E+02	2.1215 E-01	- 7.6909 E+03	7.1086 E+04	7.8768 E+00
2.7311 E+02	1.0155 E+02	8.9483 E+06	- 7.2202 E+04	1.6734 E+05	5.6856 E+01	- 2.2832 E+03	4.0523 E+02	1.1289 E+07	- 1.6121 E+02	4.6404 E+02	2.2623 E+01	- 7.6909 E+03	6.7701 E+04	2.3903 E+01
2.7311 E+02	5.0777 E+01	1.3676 E+07	- 7.2202 E+04	1.6036 E+05	3.9475 E+01	- 2.2832 E+03	0.0000 E+00	2.1819 E+07	- 1.6121 E+02	4.3504 E+02	2.1296 E+00	- 7.6909 E+03	6.4316 E+04	4.5291 E+01
2.7311 E+02	0.0000 E+00	4.0794 E+07	- 7.2202 E+04	1.5339 E+05	1.9453 E+03	- 2.7848 E+03	1.8641 E+04	9.0421 E+00	- 1.6121 E+02	4.0604 E+02	5.5795 E+00	- 7.6909 E+03	6.0931 E+04	1.2982 E+03
2.1438 E+02	2.5389 E+03	1.7500 E+00	- 7.2202 E+04	1.4642 E+05	8.2780 E+02	- 2.7848 E+03	1.7425 E+04	1.0607 E-01	- 1.6121 E+02	3.7703 E+02	2.8146 E+01	- 7.6909 E+03	5.7546 E+04	6.1092 E+02
2.1438 E+02	2.4881 E+03	4.5833 E-02	- 7.2202 E+04	1.3945 E+05	2.6688 E+03	- 2.7848 E+03	1.7020 E+04	2.6392 E+00	- 1.6121 E+02	3.4803 E+02	1.0203 E+01	- 7.6909 E+03	5.4161 E+04	3.0664 E+02
2.1438 E+02	2.3357 E+03	3.5000 E+00	- 7.2202 E+04	1.3247 E+05	5.9785 E+03	- 2.7848 E+03	1.6614 E+04	4.9036 E+00	- 1.6121 E+02	3.1903 E+02	2.4179 E+02	- 7.6909 E+03	5.0776 E+04	1.8171 E+02
2.1438 E+02	2.2850 E+03	4.4799 E+00	- 7.2202 E+04	1.2550 E+05	1.2225 E+03	- 2.7848 E+03	1.6209 E+04	1.0607 E-01	- 1.6121 E+02	2.9003 E+02	6.8096 E+01	- 7.6909 E+03	4.7391 E+04	4.9706 E+02
2.1438 E+02	2.1834 E+03	5.1304 E+00	- 7.2202 E+04	1.1853 E+05	6.3111 E+03	- 2.7848 E+03	1.5804 E+04	9.3281 E+00	- 1.6121 E+02	2.6102 E+02	3.3957 E+01	- 7.6909 E+03	4.4006 E+04	1.7132 E+03
2.1438 E+02	2.1326 E+03	1.1641 E+01	- 7.2202 E+04	1.1156 E+05	1.2338 E+04	- 2.7848 E+03	1.5399 E+04	1.2698 E+02	- 1.6121 E+02	2.3202 E+02	2.7880 E+02	- 7.6909 E+03	4.0621 E+04	7.4117 E+02
2.1438 E+02	2.0819 E+03	1.1040 E+01	- 7.2202 E+04	1.0458 E+05	5.4172 E+03	- 2.7848 E+03	1.4994 E+04	1.3647 E+02	- 1.6121 E+02	2.0302 E+02	5.9020 E+02	- 7.6909 E+03	3.7235 E+04	3.9640 E+02
2.1438 E+02	2.0311 E+03	8.7819 E+00	- 7.2202 E+04	9.7613 E+04	1.2578 E+04	- 2.7848 E+03	1.4588 E+04	1.2909 E+01	- 1.6121 E+02	1.7402 E+02	1.6528 E+02	- 7.6909 E+03	3.3850 E+04	1.0410 E+03
2.1438 E+02	1.9803 E+03	3.5000 E+00	- 7.2202 E+04	9.0640 E+04	1.9391 E+04	- 2.7848 E+03	1.4183 E+04	2.7433 E+02	- 1.6121 E+02	1.4501 E+02	2.1954 E+03	- 7.6909 E+03	3.0465 E+04	8.2925 E+02
2.1438 E+02	1.9295 E+03	1.5141 E+01	- 7.2202 E+04	8.3668 E+04	3.4913 E+04	- 2.7848 E+03	1.3778 E+04	3.7691 E+01	- 1.6121 E+02	1.1601 E+02	5.1456 E+03	- 7.6909 E+03	2.7080 E+04	8.2501 E+02
2.1438 E+02	1.8788 E+03	3.5000 E+00	- 7.2202 E+04	7.6696 E+04	3.1394 E+04	- 2.7848 E+03	1.3373 E+04	1.7477 E+02	- 1.6121 E+02	8.7008 E+01	1.1992 E+04	- 7.6909 E+03	2.3695 E+04	9.2413 E+02
2.1438 E+02	1.8280 E+03	1.3108 E+01	- 7.2202 E+04	6.9723 E+04	3.5372 E+04	- 2.7848 E+03	1.2967 E+04	7.7134 E+01	- 1.6121 E+02	5.8005 E+01	4.2539 E+04	- 7.6909 E+03	2.0310 E+04	3.0891 E+03

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&SRIE

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.1438 E+02	1.7772 E+03	1.3286 E+01	- 7.2202 E+04	6.2751 E+04	4.0268 E+04	- 2.7848 E+03	1.2562 E+04	1.0287 E+03	- 1.6121 E+02	2.9003 E+01	2.5902 E+05	- 7.6909 E+03	1.6925 E+04	9.5660 E+03
2.1438 E+02	1.7264 E+03	2.3750 E+00	- 7.2202 E+04	5.5779 E+04	5.4400 E+04	- 2.7848 E+03	1.2157 E+04	4.0814 E+01	- 1.6121 E+02	0.0000 E+00	7.1106 E+05	- 7.6909 E+03	1.3540 E+04	2.3121 E+04
2.1438 E+02	1.6756 E+03	5.5888 E+00	- 7.2202 E+04	4.8806 E+04	7.6918 E+04	- 2.7848 E+03	1.1752 E+04	1.0768 E+03	- 1.9132 E+02	5.8005 E+02	1.5317 E+00	- 7.6909 E+03	1.0155 E+04	4.9402 E+04
2.1438 E+02	1.6249 E+03	2.5458 E+00	- 7.2202 E+04	4.1834 E+04	2.0008 E+05	- 2.7848 E+03	1.1346 E+04	1.4091 E+03	- 1.9132 E+02	4.6404 E+02	5.0000 E+00	- 7.6909 E+03	6.7701 E+03	1.5963 E+05
2.1438 E+02	1.5741 E+03	1.5191 E-01	- 7.2202 E+04	3.4862 E+04	3.9399 E+05	- 2.7848 E+03	1.0941 E+04	8.9241 E+02	- 1.9132 E+02	4.3504 E+02	5.5795 E+00	- 7.6909 E+03	3.3850 E+03	5.0716 E+05
2.1438 E+02	1.5233 E+03	1.1561 E+02	- 7.2202 E+04	2.7889 E+04	1.1465 E+06	- 2.7848 E+03	1.0536 E+04	4.5353 E+03	- 1.9132 E+02	4.0604 E+02	3.7500 E+00	- 7.6909 E+03	0.0000 E+00	3.9950 E+06
2.1438 E+02	1.4725 E+03	8.2536 E+00	- 7.2202 E+04	2.0917 E+04	2.6092 E+06	- 2.7848 E+03	1.0131 E+04	2.9650 E+03	- 1.9132 E+02	3.7703 E+02	7.5696 E+00	- 1.1347 E+04	1.1509 E+05	2.5000 E+00
2.1438 E+02	1.4218 E+03	3.0332 E+01	- 7.2202 E+04	1.3945 E+04	4.2025 E+06	- 2.7848 E+03	9.7255 E+03	9.9454 E+03	- 1.9132 E+02	3.4803 E+02	1.3196 E+00	- 1.1347 E+04	1.0155 E+05	6.3910 E-02
2.1438 E+02	1.3710 E+03	5.4791 E+01	- 7.2202 E+04	6.9723 E+03	6.0105 E+06	- 2.7848 E+03	9.3203 E+03	7.0652 E+03	- 1.9132 E+02	3.1903 E+02	1.7157 E+01	- 1.1347 E+04	9.8166 E+04	2.5833 E+00
2.1438 E+02	1.3202 E+03	1.8624 E+01	- 7.2202 E+04	0.0000 E+00	1.9947 E+07	- 2.7848 E+03	8.9151 E+03	2.2173 E+04	- 1.9132 E+02	2.9003 E+02	2.2615 E+02	- 1.1347 E+04	9.4781 E+04	5.7528 E+00
2.1438 E+02	1.2694 E+03	1.2945 E+02	- 7.9849 E+04	2.6495 E+05	1.6902 E+00	- 2.7848 E+03	8.5098 E+03	3.2062 E+04	- 1.9132 E+02	2.6102 E+02	3.1045 E+01	- 1.1347 E+04	8.8011 E+04	8.3335 E-02
2.1438 E+02	1.2186 E+03	4.6004 E+01	- 7.9849 E+04	2.5798 E+05	1.6902 E+00	- 2.7848 E+03	8.1046 E+03	4.2780 E+04	- 1.9132 E+02	2.3202 E+02	2.2362 E+01	- 1.1347 E+04	7.4471 E+04	4.5833 E-02
2.1438 E+02	1.1679 E+03	1.1251 E+02	- 7.9849 E+04	2.5100 E+05	1.7360 E+00	- 2.7848 E+03	7.6994 E+03	1.0200 E+05	- 1.9132 E+02	2.0302 E+02	4.5674 E+02	- 1.1347 E+04	7.1086 E+04	5.9542 E+00
2.1438 E+02	1.1171 E+03	7.8162 E+01	- 7.9849 E+04	2.4403 E+05	1.6902 E+00	- 2.7848 E+03	7.2941 E+03	1.3057 E+05	- 1.9132 E+02	1.7402 E+02	8.4904 E+01	- 1.1347 E+04	6.7701 E+04	3.4177 E+01
2.1438 E+02	1.0663 E+03	1.6699 E+02	- 7.9849 E+04	2.2311 E+05	4.7418 E+00	- 2.7848 E+03	6.8889 E+03	2.5976 E+05	- 1.9132 E+02	1.4501 E+02	1.3917 E+02	- 1.1347 E+04	6.4316 E+04	6.3109 E+00
2.1438 E+02	1.0155 E+03	1.1944 E+03	- 7.9849 E+04	2.1614 E+05	1.1588 E+01	- 2.7848 E+03	6.4837 E+03	3.3435 E+05	- 1.9132 E+02	1.1601 E+02	5.2952 E+03	- 1.1347 E+04	6.0931 E+04	4.4750 E+02
2.1438 E+02	9.6476 E+02	1.5207 E+03	- 7.9849 E+04	2.0917 E+05	7.5196 E+00	- 2.7848 E+03	6.0784 E+03	3.8916 E+05	- 1.9132 E+02	8.7008 E+01	4.0755 E+03	- 1.1347 E+04	5.7546 E+04	1.0433 E+02
2.1438 E+02	9.1399 E+02	2.1776 E+03	- 7.9849 E+04	2.0220 E+05	4.8941 E+01	- 2.7848 E+03	5.6732 E+03	8.4707 E+05	- 1.9132 E+02	5.8005 E+01	1.6085 E+04	- 1.1347 E+04	5.4161 E+04	3.1842 E+01

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S/RRE

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
2.1438 E+02	8.6321 E+02	7.3392 E+03	- 7.9849 E+04	1.8825 E+05	7.3698 E+00	- 2.7848 E+03	5.2680 E+03	7.7297 E+05	- 1.9132 E+02	2.9003 E+01	6.5140 E+04	- 1.1347 E+04	5.0776 E+04	8.5718 E+02
2.1438 E+02	8.1243 E+02	1.0440 E+04	- 7.9849 E+04	1.8128 E+05	1.1299 E+02	- 2.7848 E+03	4.8628 E+03	1.1335 E+06	- 1.9132 E+02	0.0000 E+00	2.3594 E+05	- 1.1347 E+04	4.7391 E+04	4.6781 E+02
2.1438 E+02	7.6166 E+02	8.1845 E+03	- 7.9849 E+04	1.7431 E+05	6.7206 E+01	- 2.7848 E+03	4.4575 E+03	1.5928 E+06	- 2.2143 E+02	4.3504 E+02	5.0000 E+00	- 1.1347 E+04	4.4006 E+04	6.5591 E+01
2.1438 E+02	7.1088 E+02	2.1872 E+04	- 7.9849 E+04	1.6734 E+05	2.1303 E+01	- 2.7848 E+03	4.0523 E+03	1.7087 E+06	- 2.2143 E+02	4.0604 E+02	1.2782 E-01	- 1.1347 E+04	4.0621 E+04	8.3180 E+02
2.1438 E+02	6.6010 E+02	4.7273 E+04	- 7.9849 E+04	1.6036 E+05	6.3757 E+01	- 2.7848 E+03	3.6471 E+03	2.1388 E+06	- 2.2143 E+02	3.7703 E+02	1.2500 E+00	- 1.1347 E+04	3.7235 E+04	1.5825 E+02
2.1438 E+02	6.0932 E+02	1.1840 E+05	- 7.9849 E+04	1.5339 E+05	7.2503 E+02	- 2.7848 E+03	3.2418 E+03	2.3626 E+06	- 2.2143 E+02	3.4803 E+02	1.2500 E+00	- 1.1347 E+04	3.3850 E+04	6.1991 E+02
2.1438 E+02	5.5855 E+02	1.5507 E+05	- 7.9849 E+04	1.4642 E+05	1.5056 E+03	- 2.7848 E+03	2.8366 E+03	2.5230 E+06	- 2.2143 E+02	3.1903 E+02	2.8038 E+00	- 1.1347 E+04	3.0465 E+04	7.6685 E+02
2.1438 E+02	5.0777 E+02	2.9979 E+05	- 7.9849 E+04	1.3945 E+05	5.0160 E+02	- 2.7848 E+03	2.4314 E+03	2.4543 E+06	- 2.2143 E+02	2.9003 E+02	6.2500 E+00	- 1.1347 E+04	2.7080 E+04	4.7264 E+02
2.1438 E+02	4.5699 E+02	5.6727 E+05	- 7.9849 E+04	1.3247 E+05	4.0335 E+03	- 2.7848 E+03	2.0261 E+03	2.5646 E+06	- 2.2143 E+02	2.6102 E+02	5.0000 E+00	- 1.1347 E+04	2.3695 E+04	4.6829 E+02
2.1438 E+02	4.0622 E+02	9.6119 E+05	- 7.9849 E+04	1.2550 E+05	1.0730 E+03	- 2.7848 E+03	1.6209 E+03	2.4139 E+06	- 2.2143 E+02	2.3202 E+02	2.2109 E+01	- 1.1347 E+04	2.0310 E+04	1.1846 E+03
2.1438 E+02	3.5544 E+02	1.6887 E+06	- 7.9849 E+04	1.1853 E+05	5.5079 E+03	- 2.7848 E+03	1.2157 E+03	2.6491 E+06	- 2.2143 E+02	2.0302 E+02	2.5501 E+01	- 1.1347 E+04	1.6925 E+04	1.0210 E+03
2.1438 E+02	3.0466 E+02	2.9996 E+06	- 7.9849 E+04	1.1156 E+05	6.5171 E+03	- 2.7848 E+03	8.1046 E+02	4.3295 E+06	- 2.2143 E+02	1.7402 E+02	6.0018 E+01	- 1.1347 E+04	1.3540 E+04	2.9331 E+03
2.1438 E+02	2.5389 E+02	4.8927 E+06	- 7.9849 E+04	1.0458 E+05	1.1438 E+04	- 2.7848 E+03	4.0523 E+02	9.8351 E+06	- 2.2143 E+02	1.4501 E+02	4.8934 E+03	- 1.1347 E+04	1.0155 E+04	1.2774 E+04
2.1438 E+02	2.0311 E+02	8.0880 E+06	- 7.9849 E+04	9.7613 E+04	1.2066 E+04	- 2.7848 E+03	0.0000 E+00	1.6606 E+07	- 2.2143 E+02	1.1601 E+02	5.4099 E+02	- 1.1347 E+04	6.7701 E+03	2.7011 E+04
2.1438 E+02	1.5233 E+02	9.9993 E+06	- 7.9849 E+04	9.0640 E+04	1.9266 E+04	- 3.2865 E+03	2.0261 E+04	4.5833 E-02	- 2.2143 E+02	8.7008 E+01	4.9661 E+03	- 1.1347 E+04	3.3850 E+03	1.9939 E+05
2.1438 E+02	1.0155 E+02	1.1844 E+07	- 7.9849 E+04	8.3668 E+04	3.4000 E+04	- 3.2865 E+03	1.9046 E+04	1.0607 E-01	- 2.2143 E+02	5.8005 E+01	3.7886 E+03	- 1.1347 E+04	0.0000 E+00	1.2686 E+06
2.1438 E+02	5.0777 E+01	1.6122 E+07	- 7.9849 E+04	7.6696 E+04	4.5723 E+04	- 3.2865 E+03	1.7830 E+04	3.4118 E+01	- 2.2143 E+02	2.9003 E+01	2.3358 E+04	- 1.5003 E+04	1.3879 E+05	2.5000 E+00
2.1438 E+02	0.0000 E+00	4.7365 E+07	- 7.9849 E+04	6.9723 E+04	5.0327 E+04	- 3.2865 E+03	1.7425 E+04	5.1109 E-01	- 2.2143 E+02	0.0000 E+00	8.6883 E+04	- 1.5003 E+04	1.2863 E+05	5.0000 E+00

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S RIE



Document:
 0138-8633 VER 00

Description:
 Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.5565 E+02	2.2342 E+03	6.5105 E+00	- 7.9849 E+04	6.2751 E+04	6.7596 E+04	- 3.2865 E+03	1.7020 E+04	4.5833 E-02	- 2.5154 E+02	3.1903 E+02	5.0000 E+00	- 1.5003 E+04	9.8166 E+04	1.5115 E-02
1.5565 E+02	2.1326 E+03	6.8804 E+00	- 7.9849 E+04	5.5779 E+04	7.2557 E+04	- 3.2865 E+03	1.6614 E+04	2.9700 E+00	- 2.5154 E+02	2.9003 E+02	1.0340 E+01	- 1.5003 E+04	9.4781 E+04	5.0000 E+00
1.5565 E+02	2.0819 E+03	1.6115 E+01	- 7.9849 E+04	4.8806 E+04	8.6921 E+04	- 3.2865 E+03	1.6209 E+04	1.0607 E-01	- 2.5154 E+02	2.6102 E+02	1.8750 E+00	- 1.5003 E+04	9.1396 E+04	4.5833 E-02
1.5565 E+02	2.0311 E+03	8.7500 E+00	- 7.9849 E+04	4.1834 E+04	1.9319 E+05	- 3.2865 E+03	1.5804 E+04	1.3654 E+00	- 2.5154 E+02	2.3202 E+02	5.0000 E+00	- 1.5003 E+04	8.1241 E+04	6.7083 E-01
1.5565 E+02	1.9803 E+03	5.3949 E+00	- 7.9849 E+04	3.4862 E+04	3.4323 E+05	- 3.2865 E+03	1.5399 E+04	5.7851 E+00	- 2.5154 E+02	2.0302 E+02	5.2583 E+00	- 1.5003 E+04	7.7856 E+04	4.5833 E-02
1.5565 E+02	1.9295 E+03	7.0000 E+00	- 7.9849 E+04	2.7889 E+04	8.7563 E+05	- 3.2865 E+03	1.4994 E+04	6.2962 E+00	- 2.5154 E+02	1.7402 E+02	1.0467 E+01	- 1.5003 E+04	7.4471 E+04	1.1167 E+02
1.5565 E+02	1.8788 E+03	7.0000 E+00	- 7.9849 E+04	2.0917 E+04	2.4120 E+06	- 3.2865 E+03	1.4588 E+04	4.0501 E-01	- 2.5154 E+02	1.4501 E+02	1.6549 E+01	- 1.5003 E+04	6.7701 E+04	5.7170 E+00
1.5565 E+02	1.7264 E+03	2.5458 E+00	- 7.9849 E+04	1.3945 E+04	3.8050 E+06	- 3.2865 E+03	1.4183 E+04	1.4634 E+00	- 2.5154 E+02	1.1601 E+02	2.2047 E+03	- 1.5003 E+04	6.4316 E+04	2.3259 E+02
1.5565 E+02	1.6756 E+03	8.6858 E-01	- 7.9849 E+04	6.9723 E+03	6.1253 E+06	- 3.2865 E+03	1.3778 E+04	9.1610 E-01	- 2.5154 E+02	8.7008 E+01	4.9301 E+03	- 1.5003 E+04	6.0931 E+04	2.1112 E+01
1.5565 E+02	1.6249 E+03	4.5833 E-02	- 7.9849 E+04	0.0000 E+00	2.1020 E+07	- 3.2865 E+03	1.3373 E+04	2.4384 E+01	- 2.5154 E+02	5.8005 E+01	4.7260 E+03	- 1.5003 E+04	5.7546 E+04	2.2567 E+02
1.5565 E+02	1.5233 E+03	1.5092 E+00	- 8.7496 E+04	2.5798 E+05	1.6902 E+00	- 3.2865 E+03	1.2967 E+04	1.0421 E+02	- 2.5154 E+02	2.9003 E+01	5.6381 E+03	- 1.5003 E+04	5.4161 E+04	2.0834 E+02
1.5565 E+02	1.4725 E+03	2.9281 E+00	- 8.7496 E+04	2.4403 E+05	1.6902 E+00	- 3.2865 E+03	1.2562 E+04	1.3953 E+01	- 2.5154 E+02	0.0000 E+00	2.3809 E+04	- 1.5003 E+04	5.0776 E+04	5.9709 E+01
1.5565 E+02	1.4218 E+03	1.3067 E+01	- 8.7496 E+04	2.1614 E+05	1.1588 E+01	- 3.2865 E+03	1.2157 E+04	6.6296 E+01	- 2.8165 E+02	2.9003 E+02	1.2782 E-01	- 1.5003 E+04	4.7391 E+04	5.4312 E+01
1.5565 E+02	1.3710 E+03	1.3113 E+01	- 8.7496 E+04	1.9523 E+05	3.0264 E+01	- 3.2865 E+03	1.1752 E+04	5.2055 E+02	- 2.8165 E+02	2.3202 E+02	3.0230 E-02	- 1.5003 E+04	4.4006 E+04	2.3694 E+02
1.5565 E+02	1.3202 E+03	5.2612 E+01	- 8.7496 E+04	1.8825 E+05	1.1588 E+01	- 3.2865 E+03	1.1346 E+04	7.6641 E+02	- 2.8165 E+02	2.0302 E+02	2.0849 E+02	- 1.5003 E+04	4.0621 E+04	4.4431 E+02
1.5565 E+02	1.2694 E+03	5.5777 E+01	- 8.7496 E+04	1.7431 E+05	2.7898 E+00	- 3.2865 E+03	1.0941 E+04	2.9333 E+01	- 2.8165 E+02	1.7402 E+02	2.8870 E+01	- 1.5003 E+04	3.7235 E+04	1.6052 E+02
1.5565 E+02	1.2186 E+03	4.0616 E+01	- 8.7496 E+04	1.6734 E+05	5.3706 E+01	- 3.2865 E+03	1.0536 E+04	1.2768 E+03	- 2.8165 E+02	1.4501 E+02	5.7224 E+00	- 1.5003 E+04	3.3850 E+04	9.8228 E+01
1.5565 E+02	1.1679 E+03	2.8743 E+02	- 8.7496 E+04	1.6036 E+05	2.0247 E+01	- 3.2865 E+03	1.0131 E+04	2.2368 E+03	- 2.8165 E+02	1.1601 E+02	2.1295 E+03	- 1.5003 E+04	3.0465 E+04	2.6445 E+02

Original Instruction: T05 0138-8633 VER 00
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S

Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.5565 E+02	1.1171 E+03	1.9949 E+02	- 8.7496 E+04	1.5339 E+05	6.6564 E+01	- 3.2865 E+03	9.7255 E+03	2.1782 E+03	- 2.8165 E+02	8.7008 E+01	2.1211 E+03	- 1.5003 E+04	2.7080 E+04	3.2873 E+02
1.5565 E+02	1.0663 E+03	2.6865 E+02	- 8.7496 E+04	1.4642 E+05	1.3582 E+03	- 3.2865 E+03	9.3203 E+03	8.2797 E+02	- 2.8165 E+02	5.8005 E+01	6.6245 E+03	- 1.5003 E+04	2.3695 E+04	1.2989 E+02
1.5565 E+02	1.0155 E+03	1.8056 E+03	- 8.7496 E+04	1.3945 E+05	1.7662 E+02	- 3.2865 E+03	8.9151 E+03	8.1901 E+03	- 2.8165 E+02	2.9003 E+01	1.5029 E+03	- 1.5003 E+04	2.0310 E+04	2.9811 E+02
1.5565 E+02	9.6476 E+02	2.8705 E+03	- 8.7496 E+04	1.3247 E+05	7.2223 E+02	- 3.2865 E+03	8.5098 E+03	1.8287 E+04	- 2.8165 E+02	0.0000 E+00	1.5603 E+04	- 1.5003 E+04	1.6925 E+04	3.8594 E+02
1.5565 E+02	9.1399 E+02	1.7150 E+03	- 8.7496 E+04	1.2550 E+05	2.3593 E+03	- 3.2865 E+03	8.1046 E+03	2.2463 E+04	- 3.1177 E+02	2.3202 E+02	5.0000 E+00	- 1.5003 E+04	1.3540 E+04	2.5757 E+03
1.5565 E+02	8.6321 E+02	5.7500 E+03	- 8.7496 E+04	1.1853 E+05	4.8310 E+03	- 3.2865 E+03	7.6994 E+03	3.2255 E+04	- 3.1177 E+02	1.4501 E+02	1.5212 E+01	- 1.5003 E+04	1.0155 E+04	2.9211 E+03
1.5565 E+02	8.1243 E+02	1.8469 E+04	- 8.7496 E+04	1.1156 E+05	7.1113 E+03	- 3.2865 E+03	7.2941 E+03	5.3141 E+04	- 3.1177 E+02	1.1601 E+02	2.1028 E+03	- 1.5003 E+04	6.7701 E+03	5.0734 E+03
1.5565 E+02	7.6166 E+02	1.8055 E+04	- 8.7496 E+04	1.0458 E+05	5.4406 E+03	- 3.2865 E+03	6.8889 E+03	1.3520 E+05	- 3.1177 E+02	8.7008 E+01	5.2583 E+00	- 1.5003 E+04	3.3850 E+03	4.6380 E+04
1.5565 E+02	7.1088 E+02	5.1565 E+04	- 8.7496 E+04	9.7613 E+04	3.0182 E+04	- 3.2865 E+03	6.4837 E+03	1.7353 E+05	- 3.1177 E+02	5.8005 E+01	4.2909 E+02	- 1.5003 E+04	0.0000 E+00	4.1562 E+05
1.5565 E+02	6.6010 E+02	6.5745 E+04	- 8.7496 E+04	9.0640 E+04	1.5409 E+04	- 3.2865 E+03	6.0784 E+03	3.3003 E+05	- 3.1177 E+02	2.9003 E+01	4.4340 E+02	- 1.8659 E+04	6.7701 E+04	5.0000 E+00
1.5565 E+02	6.0932 E+02	1.0176 E+05	- 8.7496 E+04	8.3668 E+04	2.3206 E+04	- 3.2865 E+03	5.6732 E+03	2.4805 E+05	- 3.1177 E+02	0.0000 E+00	3.3157 E+03	- 1.8659 E+04	6.4316 E+04	1.7219 E+01
1.5565 E+02	5.5855 E+02	2.1021 E+05	- 8.7496 E+04	7.6696 E+04	5.0502 E+04	- 3.2865 E+03	5.2680 E+03	4.4365 E+05	- 3.4188 E+02	2.0302 E+02	5.0000 E+00	- 1.8659 E+04	5.7546 E+04	1.2127 E+01
1.5565 E+02	5.0777 E+02	3.3936 E+05	- 8.7496 E+04	6.9723 E+04	5.5303 E+04	- 3.2865 E+03	4.8628 E+03	7.2666 E+05	- 3.4188 E+02	1.4501 E+02	4.8602 E-03	- 1.8659 E+04	5.4161 E+04	2.2127 E+01
1.5565 E+02	4.5699 E+02	7.2666 E+05	- 8.7496 E+04	6.2751 E+04	1.3527 E+05	- 3.2865 E+03	4.4575 E+03	1.0505 E+06	- 3.4188 E+02	8.7008 E+01	1.1250 E+01	- 1.8659 E+04	5.0776 E+04	1.2127 E+01
1.5565 E+02	4.0622 E+02	1.0559 E+06	- 8.7496 E+04	5.5779 E+04	1.3989 E+05	- 3.2865 E+03	4.0523 E+03	1.2204 E+06	- 3.4188 E+02	5.8005 E+01	5.0000 E+00	- 1.8659 E+04	4.7391 E+04	1.2500 E+00
1.5565 E+02	3.5544 E+02	1.8655 E+06	- 8.7496 E+04	4.8806 E+04	2.3239 E+05	- 3.2865 E+03	3.6471 E+03	1.8549 E+06	- 3.4188 E+02	2.9003 E+01	2.2927 E+02	- 1.8659 E+04	4.4006 E+04	9.7204 E-03
1.5565 E+02	3.0466 E+02	3.4138 E+06	- 8.7496 E+04	4.1834 E+04	3.1175 E+05	- 3.2865 E+03	3.2418 E+03	1.8648 E+06	- 3.4188 E+02	0.0000 E+00	1.4708 E+03	- 1.8659 E+04	4.0621 E+04	1.8227 E+01
1.5565 E+02	2.5389 E+02	5.0743 E+06	- 8.7496 E+04	3.4862 E+04	6.3687 E+05	- 3.2865 E+03	2.8366 E+03	2.3160 E+06	- 3.7199 E+02	8.7008 E+01	5.0000 E+00	- 1.8659 E+04	3.7235 E+04	1.1302 E+02

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
1.5565 E+02	2.0311 E+02	7.2274 E+06	- 8.7496 E+04	2.7889 E+04	1.2271 E+06	- 3.2865 E+03	2.4314 E+03	2.1048 E+06	- 3.7199 E+02	5.8005 E+01	2.0580 E+01	- 1.8659 E+04	3.3850 E+04	1.4314 E+01
1.5565 E+02	1.5233 E+02	8.9941 E+06	- 8.7496 E+04	2.0917 E+04	2.8349 E+06	- 3.2865 E+03	2.0261 E+03	1.8582 E+06	- 3.7199 E+02	2.9003 E+01	4.8277 E+01	- 1.8659 E+04	3.0465 E+04	3.6148 E+01
1.5565 E+02	1.0155 E+02	9.8494 E+06	- 8.7496 E+04	1.3945 E+04	4.9044 E+06	- 3.2865 E+03	1.6209 E+03	1.8687 E+06	- 3.7199 E+02	0.0000 E+00	2.0334 E+03	- 1.8659 E+04	2.7080 E+04	4.7740 E+00
1.5565 E+02	5.0777 E+01	1.2677 E+07	- 8.7496 E+04	6.9723 E+03	6.2972 E+06	- 3.2865 E+03	1.2157 E+03	1.8826 E+06	- 4.0210 E+02	1.7402 E+02	5.0000 E+00	- 1.8659 E+04	2.3695 E+04	2.7767 E+01
1.5565 E+02	0.0000 E+00	3.9754 E+07	- 8.7496 E+04	0.0000 E+00	2.1835 E+07	- 3.2865 E+03	8.1046 E+02	3.0496 E+06	- 4.0210 E+02	5.8005 E+01	2.1215 E-01	- 1.8659 E+04	2.0310 E+04	4.0947 E+01
9.6927 E+01	2.5389 E+03	1.6902 E+00	- 9.5143 E+04	2.3706 E+05	1.6902 E+00	- 3.2865 E+03	4.0523 E+02	7.8466 E+06	- 4.0210 E+02	2.9003 E+01	5.0495 E+01	- 1.8659 E+04	1.6925 E+04	1.3394 E+02
9.6927 E+01	2.4373 E+03	1.6902 E+00	- 9.5143 E+04	1.5339 E+05	6.3910 E-02	- 3.2865 E+03	0.0000 E+00	1.3764 E+07	- 4.0210 E+02	0.0000 E+00	1.7336 E+03	- 1.8659 E+04	1.3540 E+04	9.5533 E+02
9.6927 E+01	2.3865 E+03	1.7500 E+00	- 9.5143 E+04	1.4642 E+05	7.7254 E+01	- 3.7881 E+03	1.8235 E+04	1.0607 E-01	- 4.3221 E+02	5.8005 E+01	5.0000 E+00	- 1.8659 E+04	1.0155 E+04	7.9368 E+02
9.6927 E+01	2.3357 E+03	1.6902 E+00	- 9.5143 E+04	1.3945 E+05	4.3781 E+02	- 3.7881 E+03	1.5804 E+04	1.0607 E-01	- 4.3221 E+02	2.9003 E+01	1.1159 E+01	- 1.8659 E+04	6.7701 E+03	1.6386 E+03
9.6927 E+01	2.2850 E+03	2.3750 E+00	- 9.5143 E+04	1.3247 E+05	1.1046 E+03	- 3.7881 E+03	1.5399 E+04	4.0501 E-01	- 4.3221 E+02	0.0000 E+00	6.7121 E+01	- 1.8659 E+04	3.3850 E+03	1.2182 E+04
9.6927 E+01	2.1834 E+03	1.6902 E+00	- 9.5143 E+04	1.2550 E+05	1.2810 E+03	- 3.7881 E+03	1.4994 E+04	1.3021 E+00	- 4.6233 E+02	0.0000 E+00	5.6712 E+00	- 1.8659 E+04	0.0000 E+00	9.9588 E+04
9.6927 E+01	2.1326 E+03	6.5105 E+00	- 9.5143 E+04	1.1853 E+05	4.1311 E+03	- 3.7881 E+03	1.4183 E+04	1.1290 E+01	- 4.9244 E+02	0.0000 E+00	5.5795 E+00	- 2.2314 E+04	7.7856 E+04	2.5000 E+00
9.6927 E+01	2.0819 E+03	6.2500 E-01	- 9.5143 E+04	1.1156 E+05	3.2218 E+03	- 3.7881 E+03	1.3373 E+04	6.4176 E+00				- 2.2314 E+04	5.7546 E+04	5.0000 E+00
9.6927 E+01	1.9803 E+03	6.2500 E-01	- 9.5143 E+04	1.0458 E+05	7.8047 E+03	- 3.7881 E+03	1.2967 E+04	1.5191 E-01				- 2.2314 E+04	4.4006 E+04	1.8333 E-01
9.6927 E+01	1.7772 E+03	4.5833 E-02	- 9.5143 E+04	9.7613 E+04	9.8268 E+03	- 3.7881 E+03	1.2562 E+04	1.3688 E+02				- 2.2314 E+04	4.0621 E+04	5.0458 E+00
9.6927 E+01	1.7264 E+03	9.1667 E-02	- 9.5143 E+04	9.0640 E+04	1.7638 E+04	- 3.7881 E+03	1.2157 E+04	9.9330 E+00				- 2.2314 E+04	3.7235 E+04	2.2726 E+01
9.6927 E+01	1.6249 E+03	3.1250 E+00	- 9.5143 E+04	8.3668 E+04	3.0508 E+04	- 3.7881 E+03	1.1752 E+04	1.9797 E+02				- 2.2314 E+04	3.3850 E+04	1.3245 E+00
9.6927 E+01	1.5233 E+03	4.5833 E-02	- 9.5143 E+04	7.6696 E+04	5.4997 E+04	- 3.7881 E+03	1.1346 E+04	2.3154 E+01				- 2.2314 E+04	3.0465 E+04	1.0212 E+01

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Document:
0138-8633 VER 00

Description:
Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
9.6927 E+01	1.4725 E+03	6.8891 E-01	- 9.5143 E+04	6.9723 E+04	1.0779 E+05	- 3.7881 E+03	1.0941 E+04	1.5147 E+01				- 2.2314 E+04	2.7080 E+04	8.5494 E+00
9.6927 E+01	1.4218 E+03	9.3476 E+00	- 9.5143 E+04	6.2751 E+04	1.7093 E+05	- 3.7881 E+03	1.0536 E+04	9.8668 E+02				- 2.2314 E+04	2.3695 E+04	1.2693 E+01
9.6927 E+01	1.3710 E+03	2.6225 E+01	- 9.5143 E+04	5.5779 E+04	2.6650 E+05	- 3.7881 E+03	1.0131 E+04	8.2715 E+00				- 2.2314 E+04	2.0310 E+04	1.1759 E+01
9.6927 E+01	1.3202 E+03	1.8728 E+01	- 9.5143 E+04	4.8806 E+04	4.4366 E+05	- 3.7881 E+03	9.7255 E+03	8.0404 E+02				- 2.2314 E+04	1.6925 E+04	2.3724 E+01
9.6927 E+01	1.2694 E+03	2.2630 E+00	- 9.5143 E+04	4.1834 E+04	7.9872 E+05	- 3.7881 E+03	9.3203 E+03	1.1104 E+03				- 2.2314 E+04	1.3540 E+04	4.0268 E+01
9.6927 E+01	1.2186 E+03	1.7511 E+00	- 9.5143 E+04	3.4862 E+04	1.2454 E+06	- 3.7881 E+03	8.9151 E+03	1.9855 E+03				- 2.2314 E+04	1.0155 E+04	3.7261 E+02
9.6927 E+01	1.1679 E+03	7.2971 E+01	- 9.5143 E+04	2.7889 E+04	2.2746 E+06	- 3.7881 E+03	8.5098 E+03	4.5074 E+03				- 2.2314 E+04	6.7701 E+03	2.4507 E+03
9.6927 E+01	1.1171 E+03	3.1903 E+01	- 9.5143 E+04	2.0917 E+04	4.1293 E+06	- 3.7881 E+03	8.1046 E+03	7.5165 E+03				- 2.2314 E+04	3.3850 E+03	1.6679 E+04
9.6927 E+01	1.0663 E+03	1.9571 E+03	- 9.5143 E+04	1.3945 E+04	5.1867 E+06	- 3.7881 E+03	7.6994 E+03	1.3093 E+04				- 2.2314 E+04	0.0000 E+00	3.0267 E+04
9.6927 E+01	1.0155 E+03	1.2489 E+02	- 9.5143 E+04	6.9723 E+03	5.8240 E+06	- 3.7881 E+03	7.2941 E+03	3.1745 E+04				- 2.5970 E+04	4.7391 E+04	1.2127 E+01
9.6927 E+01	9.6476 E+02	2.6073 E+02	- 9.5143 E+04	0.0000 E+00	1.8437 E+07	- 3.7881 E+03	6.8889 E+03	3.6798 E+04				- 2.5970 E+04	3.3850 E+04	2.1215 E-01
9.6927 E+01	9.1399 E+02	5.1105 E+03	- 1.0279 E+05	2.6495 E+05	1.6902 E+00	- 3.7881 E+03	6.4837 E+03	3.1473 E+04				- 2.5970 E+04	3.0465 E+04	7.5458 E+00
9.6927 E+01	8.6321 E+02	9.7147 E+03	- 1.0279 E+05	1.6734 E+05	8.9360 E+00	- 3.7881 E+03	6.0784 E+03	7.5793 E+04				- 2.5970 E+04	2.7080 E+04	1.2782 E-01
9.6927 E+01	8.1243 E+02	1.5031 E+04	- 1.0279 E+05	1.6036 E+05	3.4164 E+01	- 3.7881 E+03	5.6732 E+03	9.3620 E+04				- 2.5970 E+04	2.3695 E+04	1.9446 E+00
9.6927 E+01	7.6166 E+02	2.3453 E+04	- 1.0279 E+05	1.5339 E+05	5.5959 E+02	- 3.7881 E+03	5.2680 E+03	1.6337 E+05				- 2.5970 E+04	2.0310 E+04	3.8163 E+01
9.6927 E+01	7.1088 E+02	3.9435 E+04	- 1.0279 E+05	1.4642 E+05	6.6284 E+02	- 3.7881 E+03	4.8628 E+03	2.1656 E+05				- 2.5970 E+04	1.6925 E+04	1.3230 E+01
9.6927 E+01	6.6010 E+02	1.1738 E+05	- 1.0279 E+05	1.3945 E+05	2.3744 E+03	- 3.7881 E+03	4.4575 E+03	3.0777 E+05				- 2.5970 E+04	1.3540 E+04	2.4547 E+01
9.6927 E+01	6.0932 E+02	1.9056 E+05	- 1.0279 E+05	1.3247 E+05	8.5408 E+02	- 3.7881 E+03	4.0523 E+03	5.0598 E+05				- 2.5970 E+04	1.0155 E+04	1.5924 E+01

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
9.6927 E+01	5.5855 E+02	2.4341 E+05	- 1.0279 E+05	1.2550 E+05	1.3901 E+03	- 3.7881 E+03	3.6471 E+03	6.0992 E+05				- 2.5970 E+04	6.7701 E+03	1.4688 E+03
9.6927 E+01	5.0777 E+02	3.8076 E+05	- 1.0279 E+05	1.1853 E+05	3.4669 E+03	- 3.7881 E+03	3.2418 E+03	8.8879 E+05				- 2.5970 E+04	3.3850 E+03	9.4947 E+03
9.6927 E+01	4.5699 E+02	6.1543 E+05	- 1.0279 E+05	1.1156 E+05	5.7189 E+03	- 3.7881 E+03	2.8366 E+03	1.1115 E+06				- 2.5970 E+04	0.0000 E+00	2.9232 E+04
9.6927 E+01	4.0622 E+02	7.8609 E+05	- 1.0279 E+05	1.0458 E+05	7.1614 E+03	- 3.7881 E+03	2.4314 E+03	1.0015 E+06				- 2.9626 E+04	3.0465 E+04	1.5115 E-02
9.6927 E+01	3.5544 E+02	1.1928 E+06	- 1.0279 E+05	9.7613 E+04	1.2356 E+04	- 3.7881 E+03	2.0261 E+03	1.0654 E+06				- 2.9626 E+04	2.0310 E+04	9.1667 E-02
9.6927 E+01	3.0466 E+02	1.6923 E+06	- 1.0279 E+05	9.0640 E+04	2.4605 E+04	- 3.7881 E+03	1.6209 E+03	1.1292 E+06				- 2.9626 E+04	1.3540 E+04	2.2610 E+01
9.6927 E+01	2.5389 E+02	2.2511 E+06	- 1.0279 E+05	8.3668 E+04	5.2056 E+04	- 3.7881 E+03	1.2157 E+03	1.3738 E+06				- 2.9626 E+04	1.0155 E+04	3.7912 E+01
9.6927 E+01	2.0311 E+02	2.9643 E+06	- 1.0279 E+05	7.6696 E+04	7.3066 E+04	- 3.7881 E+03	8.1046 E+02	2.3506 E+06				- 2.9626 E+04	6.7701 E+03	5.5822 E+02
9.6927 E+01	1.5233 E+02	3.6040 E+06	- 1.0279 E+05	6.9723 E+04	1.4584 E+05	- 3.7881 E+03	4.0523 E+02	5.4989 E+06				- 2.9626 E+04	3.3850 E+03	5.5519 E+03
9.6927 E+01	1.0155 E+02	3.6358 E+06	- 1.0279 E+05	6.2751 E+04	2.8253 E+05	- 3.7881 E+03	0.0000 E+00	9.9091 E+06				- 2.9626 E+04	0.0000 E+00	1.8578 E+04
9.6927 E+01	5.0777 E+01	6.5595 E+06	- 1.0279 E+05	5.5779 E+04	4.3192 E+05	- 4.2897 E+03	1.5399 E+04	1.0607 E-01				- 3.3282 E+04	3.3850 E+04	5.0000 E+00
9.6927 E+01	0.0000 E+00	2.3768 E+07	- 1.0279 E+05	4.8806 E+04	7.0695 E+05	- 4.2897 E+03	1.3778 E+04	3.1790 E+00				- 3.3282 E+04	1.6925 E+04	5.3038 E+00
3.8200 E+01	2.4881 E+03	1.6902 E+00	- 1.0279 E+05	4.1834 E+04	1.1569 E+06	- 4.2897 E+03	1.2967 E+04	4.5833 E-02				- 3.3282 E+04	1.3540 E+04	1.4922 E+01
3.8200 E+01	2.3865 E+03	6.2500 E-01	- 1.0279 E+05	3.4862 E+04	2.1146 E+06	- 4.2897 E+03	1.2562 E+04	2.0426 E+00				- 3.3282 E+04	1.0155 E+04	2.1968 E+02
3.8200 E+01	1.9295 E+03	4.5833 E-02	- 1.0279 E+05	2.7889 E+04	3.0386 E+06	- 4.2897 E+03	1.2157 E+04	6.7083 E-01				- 3.3282 E+04	6.7701 E+03	5.8905 E+01
3.8200 E+01	1.6756 E+03	9.1667 E-02	- 1.0279 E+05	2.0917 E+04	4.1692 E+06	- 4.2897 E+03	1.1752 E+04	9.6561 E-01				- 3.3282 E+04	3.3850 E+03	1.3582 E+03
3.8200 E+01	1.6249 E+03	4.5833 E-02	- 1.0279 E+05	1.3945 E+04	4.4815 E+06	- 4.2897 E+03	1.1346 E+04	9.1667 E-02				- 3.3282 E+04	0.0000 E+00	1.1266 E+04
3.8200 E+01	1.5233 E+03	9.1667 E-02	- 1.0279 E+05	6.9723 E+03	5.3119 E+06	- 4.2897 E+03	1.0941 E+04	3.6732 E+00				- 3.6938 E+04	1.6925 E+04	9.1667 E-02

Original Instruction: T05 0138-8633 VER 00
 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.8200 E+01	1.4725 E+03	5.9092 E-01	- 1.0279 E+05	0.0000 E+00	1.6801 E+07	- 4.2897 E+03	1.0536 E+04	2.0134 E+01				- 3.6938 E+04	1.3540 E+04	3.0230 E-02
3.8200 E+01	1.4218 E+03	2.9368 E+00	- 1.1044 E+05	1.6734 E+05	2.5133 E+01	- 4.2897 E+03	1.0131 E+04	1.0548 E+02				- 3.6938 E+04	1.0155 E+04	2.2940 E+02
3.8200 E+01	1.3710 E+03	3.8804 E-01	- 1.1044 E+05	1.6036 E+05	2.5133 E+01	- 4.2897 E+03	9.7255 E+03	5.4272 E+01				- 3.6938 E+04	6.7701 E+03	4.6525 E+02
3.8200 E+01	1.3202 E+03	4.5833 E-02	- 1.1044 E+05	1.4642 E+05	7.7054 E+02	- 4.2897 E+03	9.3203 E+03	1.7809 E+02				- 3.6938 E+04	3.3850 E+03	1.1530 E+03
3.8200 E+01	1.2694 E+03	1.8750 E+00	- 1.1044 E+05	1.3945 E+05	1.8099 E+03	- 4.2897 E+03	8.9151 E+03	8.4601 E+02				- 3.6938 E+04	0.0000 E+00	1.0804 E+04
3.8200 E+01	1.2186 E+03	7.1030 E+00	- 1.1044 E+05	1.3247 E+05	4.5537 E+03	- 4.2897 E+03	8.5098 E+03	2.0413 E+03				- 4.0594 E+04	1.6925 E+04	2.1215 E-01
3.8200 E+01	1.1679 E+03	2.0405 E+01	- 1.1044 E+05	1.2550 E+05	1.1792 E+03	- 4.2897 E+03	8.1046 E+03	5.6165 E+03				- 4.0594 E+04	1.3540 E+04	1.2500 E+00
3.8200 E+01	1.1171 E+03	2.1623 E+01	- 1.1044 E+05	1.1853 E+05	2.1071 E+04	- 4.2897 E+03	7.6994 E+03	5.3628 E+03				- 4.0594 E+04	1.0155 E+04	1.5219 E+01
3.8200 E+01	1.0663 E+03	3.5104 E+01	- 1.1044 E+05	1.1156 E+05	6.0135 E+03	- 4.2897 E+03	7.2941 E+03	4.4774 E+03				- 4.0594 E+04	6.7701 E+03	2.4564 E+02
3.8200 E+01	1.0155 E+03	5.2667 E+01	- 1.1044 E+05	1.0458 E+05	1.2961 E+04	- 4.2897 E+03	6.8889 E+03	1.1059 E+04				- 4.0594 E+04	3.3850 E+03	1.1892 E+03
3.8200 E+01	9.6476 E+02	1.9483 E+03	- 1.1044 E+05	9.7613 E+04	2.0051 E+04	- 4.2897 E+03	6.4837 E+03	1.3514 E+04				- 4.0594 E+04	0.0000 E+00	1.6427 E+04
3.8200 E+01	9.1399 E+02	1.9794 E+03	- 1.1044 E+05	9.0640 E+04	3.4386 E+04	- 4.2897 E+03	6.0784 E+03	2.6526 E+04				- 4.4250 E+04	1.3540 E+04	9.1667 E-02
3.8200 E+01	8.6321 E+02	2.2084 E+03	- 1.1044 E+05	8.3668 E+04	4.7601 E+04	- 4.2897 E+03	5.6732 E+03	4.0973 E+04				- 4.4250 E+04	1.0155 E+04	5.0000 E+00
3.8200 E+01	8.1243 E+02	3.2292 E+03	- 1.1044 E+05	7.6696 E+04	1.0179 E+05	- 4.2897 E+03	5.2680 E+03	2.5484 E+04				- 4.4250 E+04	6.7701 E+03	2.4627 E+02
3.8200 E+01	7.6166 E+02	5.8106 E+03	- 1.1044 E+05	6.9723 E+04	1.7616 E+05	- 4.2897 E+03	4.8628 E+03	5.3639 E+04				- 4.4250 E+04	3.3850 E+03	2.2627 E+03
3.8200 E+01	7.1088 E+02	1.1006 E+04	- 1.1044 E+05	6.2751 E+04	3.1970 E+05	- 4.2897 E+03	4.4575 E+03	8.6278 E+04				- 4.4250 E+04	0.0000 E+00	2.6295 E+03
3.8200 E+01	6.6010 E+02	2.2470 E+04	- 1.1044 E+05	5.5779 E+04	5.8248 E+05	- 4.2897 E+03	4.0523 E+03	9.2820 E+04				- 4.7905 E+04	6.7701 E+03	5.1969 E+00
3.8200 E+01	6.0932 E+02	1.4373 E+04	- 1.1044 E+05	4.8806 E+04	1.0337 E+06	- 4.2897 E+03	3.6471 E+03	1.2961 E+05				- 4.7905 E+04	3.3850 E+03	4.6112 E+02

Original Instruction: T05 0138-8633 VER 00

T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
3.8200 E+01	5.5855 E+02	5.8113 E+04	- 1.1044 E+05	4.1834 E+04	1.6583 E+06	- 4.2897 E+03	3.2418 E+03	2.4542 E+05				- 4.7905 E+04	0.0000 E+00	4.4754 E+03
3.8200 E+01	5.0777 E+02	1.2157 E+05	- 1.1044 E+05	3.4862 E+04	2.3761 E+06	- 4.2897 E+03	2.8366 E+03	2.9572 E+05				- 5.1561 E+04	6.7701 E+03	4.3164 E-01
3.8200 E+01	4.5699 E+02	2.2167 E+05	- 1.1044 E+05	2.7889 E+04	3.4793 E+06	- 4.2897 E+03	2.4314 E+03	2.5401 E+05				- 5.1561 E+04	3.3850 E+03	6.3249 E+03
3.8200 E+01	4.0622 E+02	4.4531 E+05	- 1.1044 E+05	2.0917 E+04	4.6248 E+06	- 4.2897 E+03	2.0261 E+03	3.7618 E+05				- 5.1561 E+04	0.0000 E+00	9.0782 E+03
3.8200 E+01	3.5544 E+02	5.7156 E+05	- 1.1044 E+05	1.3945 E+04	4.6058 E+06	- 4.2897 E+03	1.6209 E+03	4.0022 E+05				- 5.5217 E+04	1.0155 E+04	1.2782 E-01
3.8200 E+01	3.0466 E+02	7.6315 E+05	- 1.1044 E+05	6.9723 E+03	4.8366 E+06	- 4.2897 E+03	1.2157 E+03	5.6360 E+05				- 5.5217 E+04	6.7701 E+03	5.0000 E+00
3.8200 E+01	2.5389 E+02	1.1191 E+06	- 1.1044 E+05	0.0000 E+00	1.6593 E+07	- 4.2897 E+03	8.1046 E+02	1.1875 E+06				- 5.5217 E+04	3.3850 E+03	1.5708 E+01
3.8200 E+01	2.0311 E+02	1.2001 E+06	- 1.1808 E+05	1.5339 E+05	9.5190 E+02	- 4.2897 E+03	4.0523 E+02	3.2778 E+06				- 5.5217 E+04	0.0000 E+00	4.4379 E+02
3.8200 E+01	1.5233 E+02	1.6583 E+06	- 1.1808 E+05	1.4642 E+05	1.6938 E+03	- 4.2897 E+03	0.0000 E+00	6.2502 E+06				- 5.8873 E+04	3.3850 E+03	5.1375 E+00
3.8200 E+01	1.0155 E+02	2.2287 E+06	- 1.1808 E+05	1.3945 E+05	2.2357 E+03	- 4.7913 E+03	1.3373 E+04	9.1667 E-02				- 5.8873 E+04	0.0000 E+00	1.5311 E+01
3.8200 E+01	5.0777 E+01	6.2951 E+06	- 1.1808 E+05	1.3247 E+05	4.5415 E+03	- 4.7913 E+03	1.1752 E+04	6.7083 E-01				- 6.2529 E+04	3.3850 E+03	5.0049 E+00
3.8200 E+01	0.0000 E+00	2.4233 E+07	- 1.1808 E+05	1.2550 E+05	9.7644 E+03	- 4.7913 E+03	1.1346 E+04	2.5798 E-01				- 6.2529 E+04	0.0000 E+00	5.0000 E+00
- 2.0526 E+01	1.8788 E+03	6.2500 E-01	- 1.1808 E+05	1.1853 E+05	8.8229 E+03	- 4.7913 E+03	1.0941 E+04	6.3405 E+00				- 6.6185 E+04	3.3850 E+03	1.0000 E+01
- 2.0526 E+01	1.8280 E+03	6.2500 E-01	- 1.1808 E+05	1.1156 E+05	3.2817 E+04	- 4.7913 E+03	1.0536 E+04	6.8283 E+01				- 8.4464 E+04	0.0000 E+00	5.0000 E+00
- 2.0526 E+01	1.7264 E+03	2.9638 E-01	- 1.1808 E+05	1.0458 E+05	2.7700 E+04	- 4.7913 E+03	1.0131 E+04	2.6316 E+02						
- 2.0526 E+01	1.3710 E+03	3.4262 E+00	- 1.1808 E+05	9.7613 E+04	2.3748 E+04	- 4.7913 E+03	9.7255 E+03	2.7703 E+02						
- 2.0526 E+01	1.3202 E+03	1.9667 E+00	- 1.1808 E+05	9.0640 E+04	4.2635 E+04	- 4.7913 E+03	9.3203 E+03	1.2706 E+03						
- 2.0526 E+01	1.2694 E+03	1.2500 E+00	- 1.1808 E+05	8.3668 E+04	3.2849 E+04	- 4.7913 E+03	8.9151 E+03	3.2320 E+02						

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by WBS/RE
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBS/RE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 2.0526 E+01	1.2186 E+03	2.4655 E+00	- 1.1808 E+05	7.6696 E+04	1.2628 E+05	- 4.7913 E+03	8.5098 E+03	7.1274 E+02						
- 2.0526 E+01	1.1679 E+03	1.1696 E+01	- 1.1808 E+05	6.9723 E+04	1.7896 E+05	- 4.7913 E+03	8.1046 E+03	1.2035 E+03						
- 2.0526 E+01	1.1171 E+03	3.0319 E+00	- 1.1808 E+05	6.2751 E+04	3.2837 E+05	- 4.7913 E+03	7.6994 E+03	2.8542 E+02						
- 2.0526 E+01	1.0663 E+03	5.4715 E+00	- 1.1808 E+05	5.5779 E+04	6.2969 E+05	- 4.7913 E+03	7.2941 E+03	2.3490 E+03						
- 2.0526 E+01	1.0155 E+03	3.6368 E+01	- 1.1808 E+05	4.8806 E+04	1.2909 E+06	- 4.7913 E+03	6.8889 E+03	7.5387 E+02						
- 2.0526 E+01	9.6476 E+02	1.4333 E+01	- 1.1808 E+05	4.1834 E+04	1.7453 E+06	- 4.7913 E+03	6.4837 E+03	3.3079 E+03						
- 2.0526 E+01	9.1399 E+02	1.6225 E+01	- 1.1808 E+05	3.4862 E+04	3.1380 E+06	- 4.7913 E+03	6.0784 E+03	6.8146 E+03						
- 2.0526 E+01	8.6321 E+02	1.1525 E+03	- 1.1808 E+05	2.7889 E+04	4.4778 E+06	- 4.7913 E+03	5.6732 E+03	5.2844 E+03						
- 2.0526 E+01	8.1243 E+02	7.9424 E+01	- 1.1808 E+05	2.0917 E+04	5.3892 E+06	- 4.7913 E+03	5.2680 E+03	1.0050 E+04						
- 2.0526 E+01	7.6166 E+02	1.0411 E+02	- 1.1808 E+05	1.3945 E+04	5.1001 E+06	- 4.7913 E+03	4.8628 E+03	1.3481 E+04						
- 2.0526 E+01	7.1088 E+02	1.1570 E+03	- 1.1808 E+05	6.9723 E+03	6.1170 E+06	- 4.7913 E+03	4.4575 E+03	1.6976 E+04						
- 2.0526 E+01	6.6010 E+02	5.3918 E+03	- 1.1808 E+05	0.0000 E+00	1.9354 E+07	- 4.7913 E+03	4.0523 E+03	2.0547 E+04						
- 2.0526 E+01	6.0932 E+02	1.1524 E+04	- 1.2573 E+05	1.4642 E+05	9.3305 E+02	- 4.7913 E+03	3.6471 E+03	2.0025 E+04						
- 2.0526 E+01	5.5855 E+02	7.7874 E+03	- 1.2573 E+05	1.3945 E+05	1.2346 E+03	- 4.7913 E+03	3.2418 E+03	2.1913 E+04						
- 2.0526 E+01	5.0777 E+02	6.7335 E+03	- 1.2573 E+05	1.3247 E+05	5.9567 E+03	- 4.7913 E+03	2.8366 E+03	2.5780 E+04						
- 2.0526 E+01	4.5699 E+02	3.0761 E+04	- 1.2573 E+05	1.2550 E+05	2.0037 E+04	- 4.7913 E+03	2.4314 E+03	5.7985 E+04						
- 2.0526 E+01	4.0622 E+02	5.7330 E+04	- 1.2573 E+05	1.1853 E+05	9.2059 E+03	- 4.7913 E+03	2.0261 E+03	8.1019 E+04						
- 2.0526 E+01	3.5544 E+02	7.5971 E+04	- 1.2573 E+05	1.1156 E+05	2.3056 E+04	- 4.7913 E+03	1.6209 E+03	6.7919 E+04						

Original Instruction: T05 0138-8633 VER 00
4426-7700-00-00-01-0 - Jaberster@dnv.com - Yvonne Förster
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBSRRE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 2.0526 E+01	3.0466 E+02	9.8905 E+04	- 1.2573 E+05	1.0458 E+05	2.1419 E+04	- 4.7913 E+03	1.2157 E+03	1.5942 E+05						
- 2.0526 E+01	2.5389 E+02	2.1551 E+05	- 1.2573 E+05	9.7613 E+04	2.9589 E+04	- 4.7913 E+03	8.1046 E+02	3.9391 E+05						
- 2.0526 E+01	2.0311 E+02	5.9256 E+05	- 1.2573 E+05	9.0640 E+04	7.2893 E+04	- 4.7913 E+03	4.0523 E+02	1.2774 E+06						
- 2.0526 E+01	1.5233 E+02	1.5622 E+06	- 1.2573 E+05	8.3668 E+04	8.1219 E+04	- 4.7913 E+03	0.0000 E+00	3.1127 E+06						
- 2.0526 E+01	1.0155 E+02	3.7241 E+06	- 1.2573 E+05	7.6696 E+04	1.6289 E+05	- 5.2930 E+03	1.6614 E+04	4.5833 E-02						
- 2.0526 E+01	5.0777 E+01	1.0645 E+07	- 1.2573 E+05	6.9723 E+04	1.7273 E+05	- 5.2930 E+03	1.3373 E+04	4.5833 E-02						
- 2.0526 E+01	0.0000 E+00	3.2648 E+07	- 1.2573 E+05	6.2751 E+04	2.7455 E+05	- 5.2930 E+03	9.3203 E+03	7.9464 E+00						
- 7.9253 E+01	2.2342 E+03	9.1667 E-02	- 1.2573 E+05	5.5779 E+04	5.9374 E+05	- 5.2930 E+03	8.9151 E+03	5.1077 E+01						
- 7.9253 E+01	1.5741 E+03	4.5833 E-02	- 1.2573 E+05	4.8806 E+04	1.0197 E+06	- 5.2930 E+03	8.1046 E+03	2.8285 E+01						
- 7.9253 E+01	1.5233 E+03	2.5230 E+01	- 1.2573 E+05	4.1834 E+04	2.1305 E+06	- 5.2930 E+03	7.6994 E+03	2.4751 E+02						
- 7.9253 E+01	1.4725 E+03	1.7500 E+00	- 1.2573 E+05	3.4862 E+04	3.2327 E+06	- 5.2930 E+03	7.2941 E+03	1.0222 E+00						
- 7.9253 E+01	1.4218 E+03	7.1667 E-01	- 1.2573 E+05	2.7889 E+04	4.5877 E+06	- 5.2930 E+03	6.8889 E+03	1.2889 E+02						
- 7.9253 E+01	1.3202 E+03	1.7541 E+00	- 1.2573 E+05	2.0917 E+04	5.9493 E+06	- 5.2930 E+03	6.4837 E+03	1.2294 E+03						
- 7.9253 E+01	1.2694 E+03	2.3152 E+00	- 1.2573 E+05	1.3945 E+04	6.4886 E+06	- 5.2930 E+03	6.0784 E+03	1.2597 E+03						
- 7.9253 E+01	1.2186 E+03	1.2500 E+00	- 1.2573 E+05	6.9723 E+03	7.6029 E+06	- 5.2930 E+03	5.6732 E+03	8.6072 E+02						
- 7.9253 E+01	1.1679 E+03	2.9295 E+01	- 1.2573 E+05	0.0000 E+00	2.4831 E+07	- 5.2930 E+03	5.2680 E+03	1.8587 E+03						
- 7.9253 E+01	1.1171 E+03	8.0108 E+00	- 1.3338 E+05	1.5339 E+05	4.5833 E-02	- 5.2930 E+03	4.8628 E+03	3.1840 E+03						
- 7.9253 E+01	1.0663 E+03	1.6029 E+01	- 1.3338 E+05	1.4642 E+05	1.3321 E+02	- 5.2930 E+03	4.4575 E+03	2.6162 E+03						

Original Instruction: T05 0138-8633 VER 00
 4426-7700-00-00-01-0 - Jaberster@dnv.com - Yvonne Förster
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBSRRE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	7.9253	1.0155	-	1.3338	1.3945	-	5.2930	4.0523	-			-		
E+01	E+03	E+01	E+05	E+05	E+02	E+03	E+03	E+03	E+03					
-	7.9253	9.6476	-	1.3338	1.3247	-	5.2930	3.6471	-			-		
E+01	E+02	E+00	E+05	E+05	E+03	E+03	E+03	E+03	E+03					
-	7.9253	9.1399	-	1.3338	1.2550	-	5.2930	3.2418	-			-		
E+01	E+02	E+01	E+05	E+05	E+03	E+03	E+03	E+03	E+02					
-	7.9253	8.6321	-	1.3338	1.1853	-	5.2930	2.8366	-			-		
E+01	E+02	E+01	E+05	E+05	E+04	E+03	E+03	E+03	E+03					
-	7.9253	8.1243	-	1.3338	1.1156	-	5.2930	2.4314	-			-		
E+01	E+02	E+01	E+05	E+05	E+04	E+03	E+03	E+03	E+03					
-	7.9253	7.6166	-	1.3338	1.0458	-	5.2930	2.0261	-			-		
E+01	E+02	E+03	E+05	E+05	E+04	E+03	E+03	E+03	E+03					
-	7.9253	7.1088	-	1.3338	9.7613	-	5.2930	1.6209	-			-		
E+01	E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+03	E+03					
-	7.9253	6.6010	-	1.3338	9.0640	-	5.2930	1.2157	-			-		
E+01	E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+03	E+04					
-	7.9253	6.0932	-	1.3338	8.3668	-	5.2930	8.1046	-			-		
E+01	E+02	E+02	E+05	E+04	E+04	E+03	E+03	E+02	E+04					
-	7.9253	5.5855	-	1.3338	7.6696	-	5.2930	4.0523	-			-		
E+01	E+02	E+03	E+05	E+04	E+05	E+03	E+03	E+02	E+05					
-	7.9253	5.0777	-	1.3338	6.9723	-	5.2930	0.0000	-			-		
E+01	E+02	E+03	E+05	E+04	E+05	E+03	E+03	E+00	E+06					
-	7.9253	4.5699	-	1.3338	6.2751	-	5.7946	1.1346	-			-		
E+01	E+02	E+02	E+05	E+04	E+05	E+03	E+03	E+04	E+01					
-	7.9253	4.0622	-	1.3338	5.5779	-	5.7946	9.3203	-			-		
E+01	E+02	E+02	E+05	E+04	E+05	E+03	E+03	E+03	E-01					
-	7.9253	3.5544	-	1.3338	4.8806	-	5.7946	8.9151	-			-		
E+01	E+02	E+04	E+05	E+04	E+06	E+03	E+03	E+03	E-01					
-	7.9253	3.0466	-	1.3338	4.1834	-	5.7946	8.5098	-			-		
E+01	E+02	E+04	E+05	E+04	E+06	E+03	E+03	E+03	E+00					
-	7.9253	2.5389	-	1.3338	3.4862	-	5.7946	8.1046	-			-		
E+01	E+02	E+04	E+05	E+04	E+06	E+03	E+03	E+03	E+01					
-	7.9253	2.0311	-	1.3338	2.7889	-	5.7946	7.6994	-			-		
E+01	E+02	E+04	E+05	E+04	E+06	E+03	E+03	E+03	E+01					
-	7.9253	1.5233	-	1.3338	2.0917	-	5.7946	7.2941	-			-		
E+01	E+02	E+04	E+05	E+04	E+06	E+03	E+03	E+03	E+02					

Original Instruction: T05 0138-8633 VER 00
 2023-08-29 by W&S RIE



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.0155	1.4320	-	1.3945	7.8194	-	6.8889	1.8564						
7.9253	E+02	E+05	1.3338	E+04	E+06	5.7946	E+03	E+01						
-	5.0777	5.2250	-	6.9723	9.3490	-	6.4837	5.2506						
7.9253	E+01	E+05	1.3338	E+03	E+06	5.7946	E+03	E+00						
-	0.0000	2.9049	-	0.0000	3.0899	-	6.0784	3.4852						
7.9253	E+00	E+06	1.3338	E+00	E+07	5.7946	E+03	E+02						
-	1.7772	6.2500	-	1.3247	5.3446	-	5.6732	2.9666						
1.3798	E+03	E-01	1.4103	E+05	E+02	5.7946	E+03	E+02						
-	1.4725	1.7500	-	1.2550	1.1013	-	5.2680	4.8445						
1.3798	E+03	E+00	1.4103	E+05	E+03	5.7946	E+03	E+01						
-	1.4218	2.3750	-	1.1853	4.3078	-	4.8628	3.9860						
1.3798	E+03	E+00	1.4103	E+05	E+03	5.7946	E+03	E+02						
-	1.3710	1.7500	-	1.1156	2.3276	-	4.4575	1.3876						
1.3798	E+03	E+00	1.4103	E+05	E+04	5.7946	E+03	E+03						
-	1.3202	6.8664	-	1.0458	2.2284	-	4.0523	1.9346						
1.3798	E+03	E+00	1.4103	E+05	E+04	5.7946	E+03	E+03						
-	1.2694	5.1902	-	9.7613	4.4577	-	3.6471	1.1171						
1.3798	E+03	E+00	1.4103	E+05	E+04	5.7946	E+03	E+03						
-	1.2186	1.5036	-	9.0640	9.7107	-	3.2418	3.6017						
1.3798	E+03	E+01	1.4103	E+05	E+04	5.7946	E+03	E+02						
-	1.1679	1.1690	-	8.3668	1.3563	-	2.8366	7.5485						
1.3798	E+03	E+01	1.4103	E+05	E+05	5.7946	E+03	E+02						
-	1.1171	7.6569	-	7.6696	1.5735	-	2.4314	1.2214						
1.3798	E+03	E+00	1.4103	E+05	E+04	5.7946	E+03	E+02						
-	1.0663	5.8750	-	6.9723	3.4825	-	2.0261	1.4803						
1.3798	E+03	E+00	1.4103	E+05	E+04	5.7946	E+03	E+03						
-	1.0155	1.0291	-	6.2751	4.7281	-	1.6209	6.6210						
1.3798	E+03	E+01	1.4103	E+05	E+04	5.7946	E+03	E+02						
-	9.6476	1.6144	-	5.5779	9.2049	-	1.2157	3.8925						
1.3798	E+02	E+01	1.4103	E+05	E+04	5.7946	E+03	E+03						
-	9.1399	1.3440	-	4.8806	1.9411	-	8.1046	1.3381						
1.3798	E+02	E+01	1.4103	E+05	E+06	5.7946	E+03	E+04						
-	8.6321	3.3086	-	4.1834	3.1272	-	4.0523	1.0963						
1.3798	E+02	E+01	1.4103	E+05	E+06	5.7946	E+03	E+05						
-	8.1243	3.6696	-	3.4862	5.3597	-	0.0000	3.6283						
1.3798	E+02	E+01	1.4103	E+05	E+06	5.7946	E+03	E+05						

Original Instruction: T05 0138-8633 VER 00
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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_lat} Scaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	1.3798	7.6166	-	1.4103	2.7889	-	6.2962	8.5098	-			-		
E+02	E+02	9.4601	E+05	E+04	7.9342	E+03	E+03	E-01						
-	1.3798	7.1088	-	1.4103	2.0917	-	6.2962	7.6994	-			-		
E+02	E+02	6.6516	E+05	E+04	9.5275	E+03	E+03	E-01						
-	1.3798	6.6010	-	1.4103	1.3945	-	6.2962	7.2941	-			-		
E+02	E+02	1.0462	E+05	E+04	9.4541	E+03	E+03	E+00						
-	1.3798	6.0932	-	1.4103	6.9723	-	6.2962	6.8889	-			-		
E+02	E+02	1.0451	E+05	E+03	1.2404	E+03	E+03	E+02						
-	1.3798	5.5855	-	1.4103	0.0000	-	6.2962	6.4837	-			-		
E+02	E+02	1.7374	E+05	E+00	3.8939	E+03	E+03	E+01						
-	1.3798	5.0777	-	1.4867	1.2550	-	6.2962	6.0784	-			-		
E+02	E+02	2.4787	E+05	E+05	1.6902	E+03	E+03	E+02						
-	1.3798	4.5699	-	1.4867	1.1853	-	6.2962	5.6732	-			-		
E+02	E+02	4.0707	E+05	E+05	5.0706	E+03	E+03	E+01						
-	1.3798	4.0622	-	1.4867	1.1156	-	6.2962	5.2680	-			-		
E+02	E+02	2.6874	E+05	E+05	1.2662	E+03	E+03	E+01						
-	1.3798	3.5544	-	1.4867	1.0458	-	6.2962	4.8628	-			-		
E+02	E+02	3.3724	E+05	E+05	8.2217	E+03	E+03	E+00						
-	1.3798	3.0466	-	1.4867	9.7613	-	6.2962	4.4575	-			-		
E+02	E+02	5.0265	E+05	E+04	1.6211	E+03	E+03	E-01						
-	1.3798	2.5389	-	1.4867	9.0640	-	6.2962	4.0523	-			-		
E+02	E+02	4.8776	E+05	E+04	4.5349	E+03	E+03	E+01						
-	1.3798	2.0311	-	1.4867	8.3668	-	6.2962	3.6471	-			-		
E+02	E+02	1.1225	E+05	E+04	7.0663	E+03	E+03	E+00						
-	1.3798	1.5233	-	1.4867	7.6696	-	6.2962	3.2418	-			-		
E+02	E+02	3.2579	E+05	E+04	1.3566	E+03	E+03	E+02						
-	1.3798	1.0155	-	1.4867	6.9723	-	6.2962	2.8366	-			-		
E+02	E+02	3.0846	E+05	E+04	2.8347	E+03	E+03	E+01						
-	1.3798	5.0777	-	1.4867	6.2751	-	6.2962	2.4314	-			-		
E+02	E+01	6.7920	E+05	E+04	6.0734	E+03	E+03	E+01						
-	1.3798	0.0000	-	1.4867	5.5779	-	6.2962	2.0261	-			-		
E+02	E+00	5.7527	E+05	E+04	9.8270	E+03	E+03	E+01						
-	1.9671	1.7772	-	1.4867	4.8806	-	6.2962	1.6209	-			-		
E+02	E+03	4.5833	E+05	E+04	2.0364	E+03	E+03	E+01						
-	1.9671	1.5233	-	1.4867	4.1834	-	6.2962	1.2157	-			-		
E+02	E+03	1.6902	E+05	E+04	3.6259	E+03	E+03	E+02						

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 1.9671 E+02	1.4725 E+03	1.6902 E+00	- 1.4867 E+05	3.4862 E+04	6.0586 E+06	- 6.2962 E+03	8.1046 E+02	5.1971 E+03						
- 1.9671 E+02	1.3710 E+03	1.7500 E+00	- 1.4867 E+05	2.7889 E+04	9.6104 E+06	- 6.2962 E+03	4.0523 E+02	2.8328 E+04						
- 1.9671 E+02	1.3202 E+03	1.6055 E+01	- 1.4867 E+05	2.0917 E+04	1.2010 E+07	- 6.2962 E+03	0.0000 E+00	1.4344 E+05						
- 1.9671 E+02	1.2694 E+03	1.7500 E+00	- 1.4867 E+05	1.3945 E+04	1.2305 E+07	- 6.7978 E+03	7.2941 E+03	1.3196 E+00						
- 1.9671 E+02	1.2186 E+03	1.0380 E+01	- 1.4867 E+05	6.9723 E+03	1.6695 E+07	- 6.7978 E+03	6.8889 E+03	2.1215 E-01						
- 1.9671 E+02	1.1679 E+03	1.7805 E+01	- 1.4867 E+05	0.0000 E+00	4.5347 E+07	- 6.7978 E+03	6.0784 E+03	1.4113 E+00						
- 1.9671 E+02	1.1171 E+03	8.6902 E+00	- 1.5632 E+05	1.5339 E+05	1.6902 E+00	- 6.7978 E+03	5.6732 E+03	7.2597 E+00						
- 1.9671 E+02	1.0663 E+03	5.1304 E+00	- 1.5632 E+05	1.1853 E+05	3.3804 E+00	- 6.7978 E+03	5.2680 E+03	8.1003 E-01						
- 1.9671 E+02	1.0155 E+03	2.2630 E+01	- 1.5632 E+05	1.1156 E+05	5.0706 E+00	- 6.7978 E+03	4.8628 E+03	9.0170 E-01						
- 1.9671 E+02	9.6476 E+02	6.5488 E+01	- 1.5632 E+05	1.0458 E+05	3.3804 E+00	- 6.7978 E+03	4.4575 E+03	2.9268 E+00						
- 1.9671 E+02	9.1399 E+02	1.9130 E+01	- 1.5632 E+05	9.7613 E+04	7.3174 E+02	- 6.7978 E+03	4.0523 E+03	1.3604 E+02						
- 1.9671 E+02	8.6321 E+02	2.4951 E+01	- 1.5632 E+05	9.0640 E+04	4.2784 E+03	- 6.7978 E+03	3.6471 E+03	2.3002 E+01						
- 1.9671 E+02	8.1243 E+02	1.7380 E+01	- 1.5632 E+05	8.3668 E+04	7.6987 E+02	- 6.7978 E+03	3.2418 E+03	7.6013 E+00						
- 1.9671 E+02	7.6166 E+02	7.2582 E+01	- 1.5632 E+05	7.6696 E+04	1.9942 E+04	- 6.7978 E+03	2.8366 E+03	4.1547 E+00						
- 1.9671 E+02	7.1088 E+02	2.9212 E+01	- 1.5632 E+05	6.9723 E+04	4.5946 E+04	- 6.7978 E+03	2.4314 E+03	9.1667 E-02						
- 1.9671 E+02	6.6010 E+02	4.5662 E+01	- 1.5632 E+05	6.2751 E+04	2.0191 E+05	- 6.7978 E+03	2.0261 E+03	3.8937 E+01						
- 1.9671 E+02	6.0932 E+02	3.4844 E+01	- 1.5632 E+05	5.5779 E+04	4.4018 E+05	- 6.7978 E+03	1.6209 E+03	3.0382 E-01						
- 1.9671 E+02	5.5855 E+02	9.9678 E+01	- 1.5632 E+05	4.8806 E+04	7.9311 E+05	- 6.7978 E+03	1.2157 E+03	4.1401 E+01						

Original Instruction: T05 0138-8633 VER 00
T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by W&S



Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 1.9671 E+02	5.0777 E+02	3.6011 E+01	- 1.5632 E+05	4.1834 E+04	1.9385 E+06	- 6.7978 E+03	8.1046 E+02	1.5041 E+02						
- 1.9671 E+02	4.5699 E+02	4.0761 E+01	- 1.5632 E+05	3.4862 E+04	3.7907 E+06	- 6.7978 E+03	4.0523 E+02	1.0292 E+04						
- 1.9671 E+02	4.0622 E+02	9.6584 E+01	- 1.5632 E+05	2.7889 E+04	6.1293 E+06	- 6.7978 E+03	0.0000 E+00	4.9456 E+04						
- 1.9671 E+02	3.5544 E+02	1.7428 E+02	- 1.5632 E+05	2.0917 E+04	8.1353 E+06	- 7.2995 E+03	6.0784 E+03	1.3196 E+00						
- 1.9671 E+02	3.0466 E+02	1.8897 E+02	- 1.5632 E+05	1.3945 E+04	8.1138 E+06	- 7.2995 E+03	4.4575 E+03	2.1215 E-01						
- 1.9671 E+02	2.5389 E+02	3.0567 E+02	- 1.5632 E+05	6.9723 E+03	1.1819 E+07	- 7.2995 E+03	2.8366 E+03	2.6422 E+00						
- 1.9671 E+02	2.0311 E+02	8.3686 E+01	- 1.5632 E+05	0.0000 E+00	3.4248 E+07	- 7.2995 E+03	2.0261 E+03	5.2506 E+00						
- 1.9671 E+02	1.5233 E+02	2.3961 E+03	- 1.6397 E+05	1.1156 E+05	1.6902 E+00	- 7.2995 E+03	1.6209 E+03	6.4812 E+00						
- 1.9671 E+02	1.0155 E+02	6.9003 E+03	- 1.6397 E+05	9.0640 E+04	1.6902 E+00	- 7.2995 E+03	1.2157 E+03	4.1611 E+00						
- 1.9671 E+02	5.0777 E+01	1.1220 E+04	- 1.6397 E+05	7.6696 E+04	3.8409 E+02	- 7.2995 E+03	8.1046 E+02	4.1693 E+01						
- 1.9671 E+02	0.0000 E+00	8.5951 E+04	- 1.6397 E+05	6.9723 E+04	2.8216 E+03	- 7.2995 E+03	4.0523 E+02	2.8930 E+03						
- 2.5543 E+02	1.6249 E+03	1.7500 E+00	- 1.6397 E+05	6.2751 E+04	2.6641 E+02	- 7.2995 E+03	0.0000 E+00	1.6701 E+04						
- 2.5543 E+02	1.3202 E+03	1.6902 E+00	- 1.6397 E+05	5.5779 E+04	4.2704 E+04	- 7.8011 E+03	4.8628 E+03	2.1215 E-01						
- 2.5543 E+02	1.2694 E+03	3.5000 E+00	- 1.6397 E+05	4.8806 E+04	1.8051 E+05	- 7.8011 E+03	3.6471 E+03	9.1667 E-02						
- 2.5543 E+02	1.1679 E+03	1.0440 E+01	- 1.6397 E+05	4.1834 E+04	4.0624 E+05	- 7.8011 E+03	3.2418 E+03	8.1003 E-01						
- 2.5543 E+02	1.1171 E+03	1.3821 E+01	- 1.6397 E+05	3.4862 E+04	9.6349 E+05	- 7.8011 E+03	2.8366 E+03	9.1667 E-02						
- 2.5543 E+02	1.0663 E+03	1.5571 E+01	- 1.6397 E+05	2.7889 E+04	1.4527 E+06	- 7.8011 E+03	2.4314 E+03	1.3196 E+00						
- 2.5543 E+02	1.0155 E+03	7.0000 E+00	- 1.6397 E+05	2.0917 E+04	1.9202 E+06	- 7.8011 E+03	1.6209 E+03	5.0000 E+00						

Original Instruction: T05 0138-8633 VER 00
 4426-7700-00-00-01-0 - Jaberster@dnv.com - Yvonne Förster
 T05 0138-8633 Ver 00 - Approved- Exported from DMS: 2023-08-29 by WBSRRE



Markov Matrices														
F_y [kN]			M_x [kNm]			M_z [kNm]			F_x [kN]			M_y_latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	2.5543	9.6476	-	1.6397	1.3945	-	7.8011	1.2157	-			-		
E+02	E+02	E+01	E+05	E+04	E+06	E+03	E+03	E+00						
-	2.5543	9.1399	-	1.6397	6.9723	-	7.8011	8.1046	-			-		
E+02	E+02	E+01	E+05	E+03	E+06	E+03	E+02	E+02						
-	2.5543	8.6321	-	1.6397	0.0000	-	7.8011	4.0523	-			-		
E+02	E+02	E+01	E+05	E+00	E+07	E+03	E+02	E+02						
-	2.5543	8.1243	-	1.7161	5.5779	-	7.8011	0.0000	-			-		
E+02	E+02	E+01	E+05	E+04	E+02	E+03	E+00	E+03						
-	2.5543	7.6166	-	1.7161	4.1834	-	8.3027	4.0523	-			-		
E+02	E+02	E+00	E+05	E+04	E+03	E+03	E+03	E-02						
-	2.5543	7.1088	-	1.7161	3.4862	-	8.3027	3.6471	-			-		
E+02	E+02	E+01	E+05	E+04	E+04	E+03	E+03	E-01						
-	2.5543	6.6010	-	1.7161	2.7889	-	8.3027	1.2157	-			-		
E+02	E+02	E+00	E+05	E+04	E+05	E+03	E+03	E+00						
-	2.5543	6.0932	-	1.7161	2.0917	-	8.3027	8.1046	-			-		
E+02	E+02	E+00	E+05	E+04	E+04	E+03	E+02	E+00						
-	2.5543	5.5855	-	1.7161	1.3945	-	8.3027	4.0523	-			-		
E+02	E+02	E+01	E+05	E+04	E+05	E+03	E+02	E+01						
-	2.5543	5.0777	-	1.7161	6.9723	-	8.3027	0.0000	-			-		
E+02	E+02	E+01	E+05	E+03	E+05	E+03	E+00	E+02						
-	2.5543	4.5699	-	1.7161	0.0000	-	8.8043	3.6471	-			-		
E+02	E+02	E+01	E+05	E+00	E+06	E+03	E+03	E-02						
-	2.5543	4.0622	-	1.7926	3.4862	-	8.8043	2.4314	-			-		
E+02	E+02	E+01	E+05	E+04	E+00	E+03	E+03	E-02						
-	2.5543	3.5544	-	1.7926	2.7889	-	8.8043	8.1046	-			-		
E+02	E+02	E+01	E+05	E+04	E+01	E+03	E+02	E+00						
-	2.5543	3.0466	-	1.7926	2.0917	-	8.8043	4.0523	-			-		
E+02	E+02	E+01	E+05	E+04	E+03	E+03	E+02	E+00						
-	2.5543	2.5389	-	1.7926	1.3945	-	8.8043	0.0000	-			-		
E+02	E+02	E+01	E+05	E+04	E+03	E+03	E+00	E+02						
-	2.5543	2.0311	-	1.7926	6.9723	-	9.3060	1.2157	-			-		
E+02	E+02	E+02	E+05	E+03	E+03	E+03	E+03	E-02						
-	2.5543	1.5233	-	1.7926	0.0000	-	9.3060	4.0523	-			-		
E+02	E+02	E+02	E+05	E+00	E+05	E+03	E+02	E+02						
-	2.5543	1.0155	-	1.8691	2.7889	-	9.3060	0.0000	-			-		
E+02	E+02	E+02	E+05	E+04	E+00	E+03	E+00	E+02						

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 2.5543 E+02	5.0777 E+01	9.2494 E+03	- 1.8691 E+05	2.0917 E+04	3.3804 E+00	- 9.8076 E+03	4.0523 E+02	2.1215 E-01						
- 2.5543 E+02	0.0000 E+00	1.6984 E+04	- 1.8691 E+05	1.3945 E+04	6.7608 E+00	- 9.8076 E+03	0.0000 E+00	1.0670 E+01						
- 3.1416 E+02	1.6756 E+03	6.2500 E-01	- 1.8691 E+05	6.9723 E+03	3.3804 E+01	- 1.0309 E+04	0.0000 E+00	1.6647 E+01						
- 3.1416 E+02	1.6249 E+03	1.6902 E+00	- 1.8691 E+05	0.0000 E+00	3.4989 E+04	- 1.0811 E+04	4.0523 E+02	6.3580 E+00						
- 3.1416 E+02	1.2694 E+03	3.5000 E+00	- 1.9455 E+05	2.7889 E+04	3.3804 E+00	- 1.0811 E+04	0.0000 E+00	1.3196 E+00						
- 3.1416 E+02	1.2186 E+03	3.4402 E+00	- 1.9455 E+05	0.0000 E+00	1.1081 E+03									
- 3.1416 E+02	1.1679 E+03	8.6304 E+00	- 2.0220 E+05	4.8806 E+04	3.3804 E+00									
- 3.1416 E+02	1.1171 E+03	5.1304 E+00	- 2.0220 E+05	1.3945 E+04	3.3804 E+00									
- 3.1416 E+02	1.0663 E+03	8.5108 E+00	- 2.0220 E+05	0.0000 E+00	6.7608 E+00									
- 3.1416 E+02	1.0155 E+03	9.7608 E+00	- 2.0985 E+05	0.0000 E+00	1.0141 E+01									
- 3.1416 E+02	9.1399 E+02	1.6902 E+00												
- 3.1416 E+02	8.6321 E+02	3.5000 E+00												
- 3.1416 E+02	8.1243 E+02	4.7221 E+00												
- 3.1416 E+02	7.6166 E+02	6.8804 E+00												
- 3.1416 E+02	7.1088 E+02	6.7608 E+00												
- 3.1416 E+02	6.6010 E+02	1.3641 E+01												
- 3.1416 E+02	6.0932 E+02	1.0380 E+01												
- 3.1416 E+02	5.5855 E+02	2.0852 E+01												

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	3.1416 E+02	5.0777 E+02	2.0641 E+01											
-	3.1416 E+02	4.5699 E+02	2.0733 E+01											
-	3.1416 E+02	4.0622 E+02	3.1623 E+01											
-	3.1416 E+02	3.5544 E+02	3.8412 E+01											
-	3.1416 E+02	3.0466 E+02	2.1064 E+01											
-	3.1416 E+02	2.5389 E+02	2.8772 E+01											
-	3.1416 E+02	2.0311 E+02	5.7297 E+01											
-	3.1416 E+02	1.5233 E+02	5.2096 E+01											
-	3.1416 E+02	1.0155 E+02	1.0830 E+02											
-	3.1416 E+02	5.0777 E+01	3.2216 E+02											
-	3.1416 E+02	0.0000 E+00	7.9511 E+02											
-	3.7288 E+02	1.4218 E+03	1.7500 E+00											
-	3.7288 E+02	1.3710 E+03	1.6902 E+00											
-	3.7288 E+02	1.3202 E+03	1.7500 E+00											
-	3.7288 E+02	1.0663 E+03	1.6902 E+00											
-	3.7288 E+02	9.6476 E+02	3.5000 E+00											
-	3.7288 E+02	6.6010 E+02	7.0000 E+00											
-	3.7288 E+02	6.0932 E+02	1.5011 E+01											

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 3.7288 E+02	5.5855 E+02	6.7608 E+00												
- 3.7288 E+02	5.0777 E+02	6.8804 E+00												
- 3.7288 E+02	4.5699 E+02	6.7608 E+00												
- 3.7288 E+02	4.0622 E+02	1.3761 E+01												
- 3.7288 E+02	3.5544 E+02	3.1412 E+01												
- 3.7288 E+02	3.0466 E+02	2.0374 E+01												
- 3.7288 E+02	2.5389 E+02	2.0891 E+01												
- 3.7288 E+02	2.0311 E+02	3.8793 E+01												
- 3.7288 E+02	1.5233 E+02	3.6782 E+01												
- 3.7288 E+02	1.0155 E+02	1.1086 E+02												
- 3.7288 E+02	5.0777 E+01	2.7644 E+02												
- 3.7288 E+02	0.0000 E+00	2.4114 E+03												
- 4.3161 E+02	1.5741 E+03	1.6902 E+00												
- 4.3161 E+02	1.5233 E+03	1.6902 E+00												
- 4.3161 E+02	1.0663 E+03	1.6902 E+00												
- 4.3161 E+02	8.1243 E+02	3.3804 E+00												
- 4.3161 E+02	7.6166 E+02	3.5000 E+00												
- 4.3161 E+02	7.1088 E+02	3.3804 E+00												

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-														
4.3161	6.0932	3.5000												
E+02	E+02	E+00												
-														
4.3161	5.5855	2.3401												
E+02	E+02	E+01												
-														
4.3161	5.0777	7.0000												
E+02	E+02	E+00												
-														
4.3161	4.5699	1.3761												
E+02	E+02	E+01												
-														
4.3161	4.0622	7.0000												
E+02	E+02	E+00												
-														
4.3161	3.5544	3.3901												
E+02	E+02	E+01												
-														
4.3161	3.0466	1.7380												
E+02	E+02	E+01												
-														
4.3161	2.5389	5.0803												
E+02	E+02	E+01												
-														
4.3161	2.0311	7.8015												
E+02	E+02	E+01												
-														
4.3161	1.5233	4.1557												
E+02	E+02	E+01												
-														
4.3161	1.0155	6.5304												
E+02	E+02	E+01												
-														
4.3161	5.0777	1.6944												
E+02	E+01	E+02												
-														
4.3161	0.0000	1.3630												
E+02	E+00	E+02												
-														
4.9034	6.6010	3.5000												
E+02	E+02	E+00												
-														
4.9034	6.0932	3.3804												
E+02	E+02	E+00												
-														
4.9034	5.0777	6.8804												
E+02	E+02	E+00												
-														
4.9034	3.5544	7.0000												
E+02	E+02	E+00												
-														
4.9034	3.0466	1.0500												
E+02	E+02	E+01												

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 4.9034 E+02	2.5389 E+02	2.0641 E+01												
- 4.9034 E+02	2.0311 E+02	6.8804 E+00												
- 4.9034 E+02	1.5233 E+02	3.0902 E+01												
- 4.9034 E+02	1.0155 E+02	6.2934 E+01												
- 4.9034 E+02	5.0777 E+01	1.1858 E+02												
- 4.9034 E+02	0.0000 E+00	1.5459 E+02												
- 5.4906 E+02	8.6321 E+02	3.5000 E+00												
- 5.4906 E+02	7.1088 E+02	3.5000 E+00												
- 5.4906 E+02	5.5855 E+02	3.5000 E+00												
- 5.4906 E+02	5.0777 E+02	3.3804 E+00												
- 5.4906 E+02	4.0622 E+02	3.5000 E+00												
- 5.4906 E+02	3.5544 E+02	3.5000 E+00												
- 5.4906 E+02	3.0466 E+02	1.3641 E+01												
- 5.4906 E+02	2.5389 E+02	2.4380 E+01												
- 5.4906 E+02	2.0311 E+02	2.3282 E+01												
- 5.4906 E+02	1.5233 E+02	5.1043 E+01												
- 5.4906 E+02	1.0155 E+02	6.9845 E+01												
- 5.4906 E+02	5.0777 E+01	7.7652 E+01												

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _y _latScaled [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
-	5.4906	6.9774												
E+02	0.0000	E+01												
	E+00	E+01												
-	6.0779	3.3804												
E+02	5.0777	E+00												
	E+02	E+00												
-	6.0779	6.7608												
E+02	4.0622	E+00												
	E+02	E+00												
-	6.0779	1.0141												
E+02	3.0466	E+01												
	E+02	E+01												
-	6.0779	3.5000												
E+02	2.5389	E+00												
	E+02	E+00												
-	6.0779	6.8804												
E+02	2.0311	E+00												
	E+02	E+00												
-	6.0779	2.6782												
E+02	1.5233	E+01												
	E+02	E+01												
-	6.0779	2.4022												
E+02	1.0155	E+01												
	E+02	E+01												
-	6.0779	6.7705												
E+02	5.0777	E+01												
	E+02	E+01												
-	6.0779	9.2394												
E+02	0.0000	E+01												
	E+02	E+01												
-	6.6652	3.3804												
E+02	4.0622	E+00												
	E+02	E+00												
-	6.6652	6.8525												
E+02	3.0466	E+00												
	E+02	E+00												
-	6.6652	3.5000												
E+02	1.5233	E+00												
	E+02	E+00												
-	6.6652	6.7608												
E+02	1.0155	E+00												
	E+02	E+00												
-	6.6652	3.1352												
E+02	5.0777	E+01												
	E+02	E+01												
-	6.6652	3.8580												
E+02	0.0000	E+01												
	E+02	E+01												
-	7.2524	3.3804												
E+02	4.0622	E+00												
	E+02	E+00												
-	7.2524	6.7608												
E+02	1.5233	E+00												
	E+02	E+00												

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Class T05

Document:
 0138-8633 VER 00

Description:
 Combine Foundation Loads – EV172-6.8/7.2MW HH175m HACAF00

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Markov Matrices														
F _y [kN]			M _x [kNm]			M _z [kNm]			F _x [kN]			M _{y_latScaled} [kNm]		
Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles	Level	Range	Cycles
- 7.2524 E+02	1.0155 E+02	1.0380 E+01												
- 7.2524 E+02	5.0777 E+01	1.9782 E+01												
- 7.2524 E+02	0.0000 E+00	3.8022 E+01												
- 7.8397 E+02	5.0777 E+01	3.4721 E+00												
- 7.8397 E+02	0.0000 E+00	3.7898 E+00												
- 8.4270 E+02	4.0622 E+02	3.3804 E+00												
- 8.4270 E+02	5.0777 E+01	3.5000 E+00												
- 9.0142 E+02	5.0777 E+01	3.3804 E+00												
- 9.0142 E+02	0.0000 E+00	3.4721 E+00												

Table 5-10 [8] Markov Matrix

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