

## ΣΤΑΤΙΚΗ ΜΕΛΕΤΗ

Έργο : ΜΕΛΕΤΗ ΤΑΜΙΕΥΤΗΡΑ Ν. ΛΑΡΙΣΑΣ ΣΤΗ ΘΕΣΗ: ΔΙΛΟΦΟΣ "ΚΑΚΛΙΤΖΟΡΕΜΑ"

Θέση : Ν. ΛΑΡΙΣΑΣ ΣΤΗ ΘΕΣΗ ΔΙΛΟΦΟΣ-«ΚΑΚΛΙΤΖΟΡΕΜΑ»

Περιγραφή έργου : ΓΕΦΥΡΑ ΥΠΕΡΧΕΙΛΙΣΤΗ

ΓΕΦΥΡΑ ΠΛΑΤΟΥΣ 8,00 m, ΕΝΟΣ ΑΝΟΙΓΜΑΤΟΣ 15,00 m ΜΕ ΛΟΞΗ ΠΛΑΚΑ

ΚΑΤΑΣΤΡΩΜΑΤΟΣ ( $\alpha=63^\circ$ ) ΚΑΙ ΜΟΝΟΛΙΘΙΚΗ ΣΥΔΕΣΗ ΑΥΤΗΣ ΣΤΑ ΑΚΡΟΒΑΘΡΑ (ΑΜΦΙΠΕΡΙΣΤΗ)

### ΚΑΝΟΝΙΣΜΟΙ

Για το σύνολο του έργου χρησιμοποιούνται οι γερμανικοί κανονισμοί όπως ισχύουν σήμερα με την εγκύκλιο Α144/75 του ΥΔΕ (Αρ. Πρ. Γ2γ/0/4/20-8-1975) και συγκεκριμένα:

- DIN1055 Παραδοχές φορτίων ( Μέρος 1 – Ιούλιος 1978 Μέρος 2 –Φεβ. 1976)
- DIN1072 Οδογέφυρες και Πεζογέφυρες. Παραδοχές Φορτίων (Δεκ. 1985)
- DIN1045 Κατασκευές από απλό και οπλισμένο σκυρόδεμα. Διαστασιολόγηση και εκτέλεση (Ιούλ. 1988)
- DIN1075 Γέφυρες από σκυρόδεμα. Διαστασιολόγηση και εκτέλεση (Απρίλ. 1981)

Χρησιμοποιείται επίσης και ο Ελληνικός Κανονισμός για τη Μελέτη και Κατασκευή Εργων από Οπλισμένο Σκυρόδεμα (Ε.Κ.Ω.Σ) (ΦΕΚ 1329 Β 6.11.2000) με τη συμπλήρωση του κειμένου και των σχολίων του κεφ. 18 (Αποφ. Δ17α/32/10/ΦΝ 429) και ο Ελληνικός Αντισεισμικός Κανονισμός Ε.Α.Κ (ΦΕΚ 2184 Β 20.12.2000) όπως τροποποιήθηκε με τα ΦΕΚ 1153 Β/12.08.03 (Αποφ.Δ17α/113/1/ΦΝ.275/03) και ΦΕΚ 1154 Β/12.08.03 (Αποφ. Δ17α/115/9/ΦΝ.275/03).

### ΤΡΟΠΟΣ ΕΠΙΛΥΣΗΣ

Η επίλυση έγινε σε Η/Υ με το πρόγραμμα SAP2000 v10.0.1 με δυναμική ανάλυση.

### ΠΑΡΑΔΟΧΕΣ ΦΟΡΤΙΣΗΣ

1.1 Μόνιμα φορτία:

1. βάρος σκυροδέματος 25 KN/m<sup>2</sup>
2. φορτίο σκυροδέματος κλίσεων 23 KN/m<sup>2</sup>
3. φορτίο οδοστρώματος 22 KN/m<sup>2</sup>
4. φορτίο πεζοδρομίων 5 KN/m

1.2 Μεταβλητά φορτία:

1. Κλάση οχήματος 60/30 κατά DIN1072

1.3 Θερμοκρασία

1. ολική αύξηση της θερμοκρασίας +20° C
2. ολική μείωση της θερμοκρασίας -30° C

2. Υλικά:

- 2.1 Σκυρόδεμα C 20/25 (γ<sub>c</sub> 1.5)
- 2.2 Χάλυβας B 500c (γ<sub>s</sub> 1.15)
- 2.3 Χάλυβας για συνδετήρες B 500c
- 2.4 γ<sub>c</sub> 1.5
- 2.5 γ<sub>s</sub> 1.5

3 Σεισμός:

Συντελεστής συμπεριφοράς  $q=1.0$

Ζώνη 2 ( .24x g), Έδαφος Β, Σπουδαιότητα Σ 2, Θεμελίωση Θ= 1 Απόσβεση 5%

Κατακόρυφη συνιστώσα  $q_v=1.0$

4. Θεμελίωση:

Η μελέτη θεμελίωσης έγινε με τάση εδάφους  $\sigma = 15$

δείκτη εδάφους  $K = 30000$

μέτρο ελαστικότητας  $E = 10000$

δυναμικό δείκτη εδάφους = 3

TABLE: Material Properties 01 - General									
Material	Type	DesignType	UnitMass	UnitWeight	E	U	A	NumAdvance	Color
Text	Text	Text	KN-s2/m4	KN/m3	KN/m2	Unitless	1/C	Unitless	Text
CONC	Isotropic	Concrete	2,5	25	29000000	0,2	0,0000099	0	8454143

TABLE: Objects And Elements - Joints				
JointElem	JointObject	GlobalX	GlobalY	GlobalZ
Text	Text	m	m	m
1	13	0,30281	0	0
2	14	-8,7	0	0
3	15	-8,7	0	5,7
4	17	-7,54	0	5,7
5	19	-6,38	0	5,7
6	21	-5,22	0	5,7
7	23	-4,06	0	5,7
8	25	-2,9	0	5,7
9	27	-1,74	0	5,7
10	29	-0,58	0	5,7
11	31	0,58	0	5,7
12	33	1,74	0	5,7
13	35	2,9	0	5,7
14	37	4,06	0	5,7
15	39	5,22	0	5,7
16	41	6,38	0	5,7
17	43	7,54	0	5,7
18	44	8,7	0	0
19	45	8,7	0	5,7

TABLE: Objects And Elements - Frames			
FrameElem	FrameObject	ElemJtI	ElemJtJ
Text	Text	Text	Text
1	12	2	3
2	27	18	19
3	28	3	4
4	29	4	5
5	30	5	6
6	31	6	7
7	32	7	8
8	33	8	9
9	34	9	10
10	35	10	11
11	36	11	12
12	37	12	13
13	38	13	14
14	39	14	15
15	40	15	16
16	41	16	17
17	42	17	19

**TABLE: Frame Section Assignments**

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
Text	Text	Text	Text	Text	Text
12	Rectangular	N.A.	AKROBATHRO	AKROBATHRO	Default
27	Rectangular	N.A.	AKROBATHRO	AKROBATHRO	Default
28	Rectangular	N.A.	KATASTROMA	KATASTROMA	Default
29	Rectangular	N.A.	KATASTROMA	KATASTROMA	Default
30	Rectangular	N.A.	KATASTROMA	KATASTROMA	Default
31	Rectangular	N.A.	KATASTROMA	KATASTROMA	Default
32	Rectangular	N.A.	KATASTROMA	KATASTROMA	Default
33	Rectangular	N.A.	KATASTROMA	KATASTROMA	Default
34	Rectangular	N.A.	KATASTROMA	KATASTROMA	Default
35	Rectangular	N.A.	KATASTROMA	KATASTROMA	Default
36	Rectangular	N.A.	KATASTROMA	KATASTROMA	Default
37	Rectangular	N.A.	KATASTROMA	KATASTROMA	Default
38	Rectangular	N.A.	KATASTROMA	KATASTROMA	Default
39	Rectangular	N.A.	KATASTROMA	KATASTROMA	Default
40	Rectangular	N.A.	KATASTROMA	KATASTROMA	Default
41	Rectangular	N.A.	KATASTROMA	KATASTROMA	Default
42	Rectangular	N.A.	KATASTROMA	KATASTROMA	Default

**TABLE: Frame Section Properties 01 - General**

SectionName	Material	Shape	t3	t2	Area	TorsConst	I33	I22	AS2	AS3	S33
Text	Text	Text	m	m	m2	m4	m4	m4	m2	m2	m3
AKROBATHRO	CONC	Rectangular	1	9	9	2,79	0,75	60,8	7,5	7,5	1,5
KATASTROMA	CONC	Rectangular	1	8	8	2,45667	0,67	42,7	6,67	6,7	1,33

SectionName	S22	Z33	Z22	R33	R22	TotalWt	TotalMass
Text	m3	m3	m3	m	m	KN	KN-s2/m
AKROBATHRO	14	2,3	20,3	0,289	2,598	2565	256,5
KATASTROMA	11	2	16	0,289	2,309	3480	348

**TABLE: Frame Loads - Distributed**

Frame	LoadCase	CoordSys	Type	Dir	DistType	RelDist A	AbsDist B	FOverL A	FOverL B
Text	Text	Text	Text	Text	Text	Unitless	m	KN/m	KN/m
28	G2	GLOBAL	Force	Gravity	RelDist	0	1,16	60,94	60,94
28	Q	GLOBAL	Force	Gravity	RelDist	0	1,16	86,84	86,84
29	G2	GLOBAL	Force	Gravity	RelDist	0	1,16	60,94	60,94
29	Q	GLOBAL	Force	Gravity	RelDist	0	1,16	86,84	86,84
30	G2	GLOBAL	Force	Gravity	RelDist	0	1,16	60,94	60,94
30	Q	GLOBAL	Force	Gravity	RelDist	0	1,16	86,84	86,84
31	G2	GLOBAL	Force	Gravity	RelDist	0	1,16	60,94	60,94
31	Q	GLOBAL	Force	Gravity	RelDist	0	1,16	86,84	86,84
32	G2	GLOBAL	Force	Gravity	RelDist	0	1,16	60,94	60,94
32	Q	GLOBAL	Force	Gravity	RelDist	0	1,16	86,84	86,84
33	G2	GLOBAL	Force	Gravity	RelDist	0	1,16	60,94	60,94
33	Q	GLOBAL	Force	Gravity	RelDist	0	1,16	86,84	86,84
34	Q	GLOBAL	Force	Gravity	RelDist	0	1,16	86,84	86,84
34	G2	GLOBAL	Force	Gravity	RelDist	0	1,16	60,94	60,94
35	Q	GLOBAL	Force	Gravity	RelDist	0	1,16	86,84	86,84
35	G2	GLOBAL	Force	Gravity	RelDist	0	1,16	60,94	60,94
36	Q	GLOBAL	Force	Gravity	RelDist	0	1,16	86,84	86,84
36	G2	GLOBAL	Force	Gravity	RelDist	0	1,16	60,94	60,94
37	Q	GLOBAL	Force	Gravity	RelDist	0	1,16	86,84	86,84
37	G2	GLOBAL	Force	Gravity	RelDist	0	1,16	60,94	60,94
38	Q	GLOBAL	Force	Gravity	RelDist	0	1,16	86,84	86,84
38	G2	GLOBAL	Force	Gravity	RelDist	0	1,16	60,94	60,94
39	Q	GLOBAL	Force	Gravity	RelDist	0	1,16	86,84	86,84
39	G2	GLOBAL	Force	Gravity	RelDist	0	1,16	60,94	60,94
40	Q	GLOBAL	Force	Gravity	RelDist	0	1,16	86,84	86,84
40	G2	GLOBAL	Force	Gravity	RelDist	0	1,16	60,94	60,94
41	Q	GLOBAL	Force	Gravity	RelDist	0	1,16	86,84	86,84

41	G2	GLOBAL	Force	Gravity	RelDist	0	1,16	60,94	60,94
42	Q	GLOBAL	Force	Gravity	RelDist	0	1,16	86,84	86,84
42	G2	GLOBAL	Force	Gravity	RelDist	0	1,16	60,94	60,94

**TABLE: Frame Loads - Temperature**

Frame	LoadCase	Type	Temp	JtPattern
Text	Text	Text	C	Text
28	TEMP	Temperature	50	None
29	TEMP	Temperature	50	None
33	TEMP	Temperature	50	None
34	TEMP	Temperature	50	None
35	TEMP	Temperature	50	None
36	TEMP	Temperature	50	None
37	TEMP	Temperature	50	None
38	TEMP	Temperature	50	None
39	TEMP	Temperature	50	None
40	TEMP	Temperature	50	None
41	TEMP	Temperature	50	None
42	TEMP	Temperature	50	None

**TABLE: Modal Periods And Frequencies**

OutputCase	StepType	StepNum	Period	Frequency	CircFreq	Eigenvalue
Text	Text	Unitless	Sec	Cyc/sec	rad/sec	rad2/sec2
MODAL	Mode	1	0,306572	3,2619	20,495	420,04
MODAL	Mode	2	0,251392	3,9778	24,994	624,68
MODAL	Mode	3	0,0779	12,837	80,657	6505,6
MODAL	Mode	4	0,06169	16,21	101,85	10374
MODAL	Mode	5	0,035583	28,103	176,58	31180
MODAL	Mode	6	0,03384	29,551	185,67	34474
MODAL	Mode	7	0,021923	45,615	286,61	82144
MODAL	Mode	8	0,020876	47,901	300,97	90585
MODAL	Mode	9	0,02048	48,829	306,8	94128
MODAL	Mode	10	0,014461	69,153	434,5	188790
MODAL	Mode	11	0,01331	75,13	472,05	222840
MODAL	Mode	12	0,012141	82,366	517,52	267830
ACASE1	Mode	1	0,306572	3,2619	20,495	420,04
ACASE1	Mode	2	0,251392	3,9778	24,994	624,68
ACASE1	Mode	3	0,0779	12,837	80,657	6505,6
ACASE1	Mode	4	0,06169	16,21	101,85	10374
ACASE1	Mode	5	0,035583	28,103	176,58	31180
ACASE1	Mode	6	0,03384	29,551	185,67	34474
ACASE1	Mode	7	0,021923	45,615	286,61	82144

ACASE1	Mode	8	0,020876	47,901	300,97	90585
ACASE1	Mode	9	0,02048	48,829	306,8	94128
ACASE1	Mode	10	0,014461	69,153	434,5	188790
ACASE1	Mode	11	0,01331	75,13	472,05	222840
ACASE1	Mode	12	0,012141	82,366	517,52	267830
ACASE1	Mode	13	0,011064	90,387	567,92	322530
ACASE1	Mode	14	0,010082	99,183	623,18	388360
ACASE1	Mode	15	0,009228	108,36	680,87	463580
ACASE1	Mode	16	0,00906	110,37	693,48	480920
ACASE1	Mode	17	0,007365	135,77	853,06	727710
ACASE1	Mode	18	0,006912	144,67	908,98	826240
ACASE1	Mode	19	0,00658	151,97	954,84	911720
ACASE1	Mode	20	0,006051	165,27	1038,4	1078400
ACASE1	Mode	21	0,005634	177,49	1115,2	1243700
ACASE1	Mode	22	0,005145	194,37	1221,3	1491500
ACASE1	Mode	23	0,004854	206,01	1294,4	1675400
ACASE1	Mode	24	0,004801	208,28	1308,7	1712600
ACASE1	Mode	25	0,004514	221,54	1392	1937600
ACASE1	Mode	26	0,004223	236,82	1488	2214100
ACASE1	Mode	27	0,004072	245,55	1542,9	2380400
ACASE1	Mode	28	0,003848	259,85	1632,7	2665700
ACASE1	Mode	29	0,003806	262,76	1650,9	2725600
ACASE1	Mode	30	0,003768	265,36	1667,3	2779900
ACASE1	Mode	31	0,00357	280,13	1760,1	3098000
ACASE1	Mode	32	0,003498	285,85	1796,1	3225800
ACASE1	Mode	33	0,003457	289,24	1817,4	3302800
ACASE1	Mode	34	0,00327	305,83	1921,6	3692500
ACASE1	Mode	35	0,003203	312,25	1961,9	3849200
ACASE1	Mode	36	0,003101	322,49	2026,3	4105800
ACASE1	Mode	37	0,002979	335,64	2108,9	4447400
ACASE1	Mode	38	0,002897	345,14	2168,6	4702700
ACASE1	Mode	39	0,00285	350,88	2204,6	4860500
ACASE1	Mode	40	0,002761	362,2	2275,8	5179100
ACASE1	Mode	41	0,002446	408,86	2569	6599600
ACASE1	Mode	42	0,002215	451,56	2837,3	8050000
ACASE1	Mode	43	0,002042	489,72	3077	9467800
ACASE1	Mode	44	0,001913	522,83	3285	10791000
ACASE1	Mode	45	0,001817	550,48	3458,8	11963000
ACASE1	Mode	46	0,001747	572,34	3596,1	12932000
ACASE1	Mode	47	0,0017	588,15	3695,4	13656000
ACASE1	Mode	48	0,001673	597,71	3755,5	14104000

TABLE: Combination Definitions				
ComboName	ComboType	CaseType	CaseName	ScaleFactor
Text	Text	Text	Text	Unitless
SEISMOSX-0.24g	Linear Add	Response	EQX-0.24g-B	1
SEISMOSX-0.24g		Spectrum		
SEISMOSX-0.24g	Linear Add	Response	EQY-0.24g-B	0,3
SEISMOSX-0.24g		Spectrum		
SEISMOSX-0.24g	Linear Add	Response	EQZ-0.24g-B	0,3
SEISMOSX-0.24g		Spectrum		
SEISMOSY-0.24g	Linear Add	Response	EQZ-0.24g-B	0,3
SEISMOSY-0.24g		Spectrum		
SEISMOSY-0.24g	Linear Add	Response	EQX-0.24g-B	0,3
SEISMOSY-0.24g		Spectrum		
SEISMOSY-0.24g	Linear Add	Response	EQY-0.24g-B	1
SEISMOSY-0.24g		Spectrum		
SEISMOSZ-0.24g	Linear Add	Response	EQX-0.24g-B	0,3
SEISMOSZ-0.24g		Spectrum		
SEISMOSZ-0.24g	Linear Add	Response	EQY-0.24g-B	0,3
SEISMOSZ-0.24g		Spectrum		
SEISMOSZ-0.24g	Linear Add	Response	EQZ-0.24g-B	1
SEISMOSZ-0.24g		Spectrum		
X	Linear Add	Linear Static	DEAD	1
X		Linear Static	G2	1
X		Linear Static	Q	0,2
X	Linear Add	Response Combo	SEISMOSX-0.24g	1
Y		Linear Static	DEAD	1
Y		Linear Static	G2	1
Y		Linear Static	Q	0,2
Y	Linear Add	Response Combo	SEISMOSY-0.24g	1
Z		Linear Static	DEAD	1
Z		Linear Static	G2	1
Z		Linear Static	Q	0,2
Z	Linear Add	Response Combo	SEISMOSZ-0.24g	1

TABLE: Function - Response Spectrum -

User			
Name	Period	Accel	FuncDamp
Text	Sec	Unitless	Unitless
EAKH-0.24G-B	0	2,3544	0
EAKH-0.24G-B	0,05	3,5316	
EAKH-0.24G-B	0,1	4,7088	
EAKH-0.24G-B	0,15	5,886	
EAKH-0.24G-B	0,2	5,886	
EAKH-0.24G-B	0,3	5,886	
EAKH-0.24G-B	0,4	5,886	
EAKH-0.24G-B	0,5	5,886	
EAKH-0.24G-B	0,6	5,886	
EAKH-0.24G-B	0,65	5,5801	
EAKH-0.24G-B	0,7	5,3111	
EAKH-0.24G-B	0,75	5,0724	
EAKH-0.24G-B	0,8	4,8587	
EAKH-0.24G-B	0,85	4,6663	
EAKH-0.24G-B	0,9	4,4918	
EAKH-0.24G-B	1	4,1871	
EAKH-0.24G-B	1,2	3,7079	
EAKH-0.24G-B	1,4	3,3457	
EAKH-0.24G-B	1,6	3,0607	
EAKH-0.24G-B	1,8	2,8296	
EAKH-0.24G-B	2	2,6376	
EAKH-0.24G-B	2,2	2,4753	
EAKH-0.24G-B	2,4	2,3358	
EAKH-0.24G-B	2,8	2,1076	
EAKH-0.24G-B	3	2,0129	
EAKH-0.24G-B	3,2	1,9281	
EAKH-0.24G-B	3,4	1,8517	
EAKH-0.24G-B	3,6	1,7825	
EAKH-0.24G-B	3,8	1,7194	



B		
EAKH-0.24G-B	4	1,6616
EAKH-0.24G-B	4,5	1,5361
EAKH-0.24G-B	5	1,4319
EAKV-0.24-B	0	2,3544
EAKV-0.24-B	0,05	2,4721
EAKV-0.24-B	0,1	3,2962
EAKV-0.24-B	0,15	4,12
EAKV-0.24-B	0,2	4,12
EAKV-0.24-B	0,3	4,12
EAKV-0.24-B	0,4	4,12
EAKV-0.24-B	0,5	4,12
EAKV-0.24-B	0,6	4,12
EAKV-0.24-B	0,65	3,9061
EAKV-0.24-B	0,7	3,7178
EAKV-0.24-B	0,75	3,5507
EAKV-0.24-B	0,8	3,4011
EAKV-0.24-B	0,85	3,2664
EAKV-0.24-B	0,9	3,1443
EAKV-0.24-B	1	2,931
EAKV-0.24-B	1,2	2,5955
EAKV-0.24-B	1,4	2,342
EAKV-0.24-B	1,6	2,1425
EAKV-0.24-B	1,8	1,9807
EAKV-0.24-B	2	1,8464
EAKV-0.24-B	2,2	1,7327
EAKV-0.24-B	2,4	1,635
EAKV-0.24-B	2,6	1,5501
EAKV-0.24-B	2,7	1,5115
EAKV-0.24-B	2,8	1,4753
EAKV-0.24-B	2,9	1,4412
EAKV-0.24-B	3	1,409
EAKV-0.24-B	3,2	1,3497
EAKV-0.24-B	3,4	1,2962
EAKV-0.24-B	3,6	1,2477
EAKV-0.24-B	3,8	1,2036
EAKV-0.24-B	4	1,1631
EAKV-0.24-B	4,5	1,0753
EAKV-0.24-B	5	1,0023

**TABLE: Element Forces - Frames**

Frame	Station	OutputCase	CaseType	StepType	StepNum	P	V2	V3	T	M2	M3
Text	m	Text	Text	Text	Unitless	KN	KN	KN	KN-m	KN-m	KN-m
12	0	G	LinStatic			0	0	0	0	0	0
12	2,85	G	LinStatic			0	0	0	0	0	0
12	5,7	G	LinStatic			0	0	0	0	0	0
12	0	G1	LinStatic			0	0	0	0	0	0
12	2,85	G1	LinStatic			0	0	0	0	0	0
12	5,7	G1	LinStatic			0	0	0	0	0	0
12	0	G21	LinStatic			-530,178	0	0	0	0	0
12	2,85	G21	LinStatic			-530,178	0	0	0	0	0
12	5,7	G21	LinStatic			-530,178	0	0	0	0	0
12	0	Q	LinStatic			-755,508	0	0	0	0	0
12	2,85	Q	LinStatic			-755,508	0	0	0	0	0
12	5,7	Q	LinStatic			-755,508	0	0	0	0	0
12	0	TEMP	LinStatic			0	-1172,394	0	0	0	-6682,6438
12	2,85	TEMP	LinStatic			0	-1172,394	0	0	0	-3341,3219
12	5,7	TEMP	LinStatic			0	-1172,394	0	0	0	-9,548E-15
28	0	EQX-0.24g-B	LinRespSpec	Max		2314,582	3,275E-06	0,0000401	3,603E-08	3,742E-07	0
28	0,387	EQX-0.24g-B	LinRespSpec	Max		2314,582	3,275E-06	0,0000401	3,603E-08	0,00001513	0,000001266
28	0,773	EQX-0.24g-B	LinRespSpec	Max		2314,582	3,275E-06	0,0000401	3,603E-08	0,00003064	0,000002533
28	1,16	EQX-0.24g-B	LinRespSpec	Max		2314,582	3,275E-06	0,0000401	3,603E-08	0,00004614	0,000003799
28	0	EQY-0.24g-B	LinRespSpec	Max		0,00003962	1,026E-05	1571,529	6,18E-08	209,1004	0
28	0,387	EQY-0.24g-B	LinRespSpec	Max		0,00003962	1,026E-05	1571,529	6,18E-08	399,0522	0,000003967
28	0,773	EQY-0.24g-B	LinRespSpec	Max		0,00003962	1,026E-05	1571,529	6,18E-08	1006,6076	0,000007933
28	1,16	EQY-0.24g-B	LinRespSpec	Max		0,00003962	1,026E-05	1571,529	6,18E-08	1614,2402	0,0000119
28	0	EQZ-0.24g-B	LinRespSpec	Max		0,0001473	1403,789	0,00009487	1,139E-07	7,128E-07	9,356E-14
28	0,387	EQZ-0.24g-B	LinRespSpec	Max		0,0001473	1403,789	0,00009487	1,139E-07	0,00003604	542,7984
28	0,773	EQZ-0.24g-B	LinRespSpec	Max		0,0001473	1403,789	0,00009487	1,139E-07	0,00007272	1085,5968
28	1,16	EQZ-0.24g-B	LinRespSpec	Max		0,0001473	1403,789	0,00009487	1,139E-07	0,0001094	1628,3952
28	0	SEISMOSX-0.24g	Combination	Max		2314,582	421,137	471,459	8,876E-08	62,7301	2,807E-14
28	0,387	SEISMOSX-0.24g	Combination	Max		2314,582	421,137	471,459	8,876E-08	119,7157	162,8395
28	0,773	SEISMOSX-0.24g	Combination	Max		2314,582	421,137	471,459	8,876E-08	301,9823	325,6791
28	1,16	SEISMOSX-0.24g	Combination	Max		2314,582	421,137	471,459	8,876E-08	484,2721	488,5186
28	0	SEISMOSX-0.24g	Combination	Min		-2314,582	-421,137	-471,459	-8,876E-08	-62,7301	-2,807E-14

28	0,387	SEISMOSX-0.24g	Combination	Min		-2314,582	-421,137	-471,459	-8,876E-08	-119,7157	-162,8395
28	0,773	SEISMOSX-0.24g	Combination	Min		-2314,582	-421,137	-471,459	-8,876E-08	-301,9823	-325,6791
28	1,16	SEISMOSX-0.24g	Combination	Min		-2314,582	-421,137	-471,459	-8,876E-08	-484,2721	-488,5186
28	0	SEISMOSY-0.24g	Combination	Max		694,375	421,137	1571,529	1,068E-07	209,1004	2,807E-14
28	0,387	SEISMOSY-0.24g	Combination	Max		694,375	421,137	1571,529	1,068E-07	399,0522	162,8395
28	0,773	SEISMOSY-0.24g	Combination	Max		694,375	421,137	1571,529	1,068E-07	1006,6076	325,6791
28	1,16	SEISMOSY-0.24g	Combination	Max		694,375	421,137	1571,529	1,068E-07	1614,2402	488,5186
28	0	SEISMOSY-0.24g	Combination	Min		-694,375	-421,137	-1571,529	-1,068E-07	-209,1004	-2,807E-14
28	0,387	SEISMOSY-0.24g	Combination	Min		-694,375	-421,137	-1571,529	-1,068E-07	-399,0522	-162,8395
28	0,773	SEISMOSY-0.24g	Combination	Min		-694,375	-421,137	-1571,529	-1,068E-07	-1006,6076	-325,6791
28	1,16	SEISMOSY-0.24g	Combination	Min		-694,375	-421,137	-1571,529	-1,068E-07	-1614,2402	-488,5186
28	0	SEISMOSZ-0.24g	Combination	Max		694,375	1403,789	471,459	1,433E-07	62,7301	9,356E-14
28	0,387	SEISMOSZ-0.24g	Combination	Max		694,375	1403,789	471,459	1,433E-07	119,7157	542,7984
28	0,773	SEISMOSZ-0.24g	Combination	Max		694,375	1403,789	471,459	1,433E-07	301,9824	1085,5968
28	1,16	SEISMOSZ-0.24g	Combination	Max		694,375	1403,789	471,459	1,433E-07	484,2722	1628,3952
28	0	SEISMOSZ-0.24g	Combination	Min		-694,375	-1403,789	-471,459	-1,433E-07	-62,7301	-9,356E-14
28	0,387	SEISMOSZ-0.24g	Combination	Min		-694,375	-1403,789	-471,459	-1,433E-07	-119,7157	-542,7984
28	0,773	SEISMOSZ-0.24g	Combination	Min		-694,375	-1403,789	-471,459	-1,433E-07	-301,9824	-1085,5968
28	1,16	SEISMOSZ-0.24g	Combination	Min		-694,375	-1403,789	-471,459	-1,433E-07	-484,2722	-1628,3952
29	0	G	LinStatic			0	0	0	0	0	0
29	0,387	G	LinStatic			0	0	0	0	0	0
29	0,773	G	LinStatic			0	0	0	0	0	0
29	1,16	G	LinStatic			0	0	0	0	0	0
29	0	G1	LinStatic			0	0	0	0	0	0
29	0,387	G1	LinStatic			0	0	0	0	0	0
29	0,773	G1	LinStatic			0	0	0	0	0	0
29	1,16	G1	LinStatic			0	0	0	0	0	0
29	0	G21	LinStatic			0	-459,488	0	0	0	574,006
29	0,387	G21	LinStatic			0	-435,924	0	0	0	747,119
29	0,773	G21	LinStatic			0	-412,361	0	0	0	911,1207
29	1,16	G21	LinStatic			0	-388,797	0	0	0	1066,0112
29	0	Q	LinStatic			0	-654,774	0	0	0	817,9633
29	0,387	Q	LinStatic			0	-621,195	0	0	0	1064,6507
29	0,773	Q	LinStatic			0	-587,617	0	0	0	1298,3545

29	1,16	Q	LinStatic			0	-554,039	0	0	0	1519,0748
29	0	TEMP	LinStatic			-1172,394	0	0	0	0	0
29	0,387	TEMP	LinStatic			-1172,394	0	0	0	0	0
29	0,773	TEMP	LinStatic			-1172,394	0	0	0	0	0
29	1,16	TEMP	LinStatic			-1172,394	0	0	0	0	0
29	0	EQX-0.24g-B	LinRespSpec	Max		1984,681	4,556E-06	0,000008223	3,603E-08	0,00004614	0,000003799
29	0,387	EQX-0.24g-B	LinRespSpec	Max		1984,681	4,556E-06	0,000008223	3,603E-08	0,00004296	0,000002037
29	0,773	EQX-0.24g-B	LinRespSpec	Max		1984,681	4,556E-06	0,000008223	3,603E-08	0,00003978	2,759E-07
29	1,16	EQX-0.24g-B	LinRespSpec	Max		1984,681	4,556E-06	0,000008223	3,603E-08	0,0000366	0,000001486
29	0	EQY-0.24g-B	LinRespSpec	Max		0,00005541	2,343E-05	1430,576	6,18E-08	1614,2402	0,0000119
29	0,387	EQY-0.24g-B	LinRespSpec	Max		0,00005541	2,343E-05	1430,576	6,18E-08	2166,8853	0,00000332
29	0,773	EQY-0.24g-B	LinRespSpec	Max		0,00005541	2,343E-05	1430,576	6,18E-08	2719,7382	0,000006683
29	1,16	EQY-0.24g-B	LinRespSpec	Max		0,00005541	2,343E-05	1430,576	6,18E-08	3272,6937	0,00001557
29	0	EQZ-0.24g-B	LinRespSpec	Max		0,0001371	1338,549	0,00009361	1,139E-07	0,0001094	1628,3952
29	0,387	EQZ-0.24g-B	LinRespSpec	Max		0,0001371	1338,549	0,00009361	1,139E-07	0,00008737	2145,2699
29	0,773	EQZ-0.24g-B	LinRespSpec	Max		0,0001371	1338,549	0,00009361	1,139E-07	0,00007693	2662,4155
29	1,16	EQZ-0.24g-B	LinRespSpec	Max		0,0001371	1338,549	0,00009361	1,139E-07	0,00008261	3179,7001
29	0	SEISMOSX-0.24g	Combination	Max		1984,681	401,565	429,173	8,876E-08	484,2721	488,5186
29	0,387	SEISMOSX-0.24g	Combination	Max		1984,681	401,565	429,173	8,876E-08	650,0657	643,581
29	0,773	SEISMOSX-0.24g	Combination	Max		1984,681	401,565	429,173	8,876E-08	815,9215	798,7247
29	1,16	SEISMOSX-0.24g	Combination	Max		1984,681	401,565	429,173	8,876E-08	981,8082	953,91
29	0	SEISMOSX-0.24g	Combination	Min		-1984,681	-401,565	-429,173	-8,876E-08	-484,2721	-488,5186
29	0,387	SEISMOSX-0.24g	Combination	Min		-1984,681	-401,565	-429,173	-8,876E-08	-650,0657	-643,581
29	0,773	SEISMOSX-0.24g	Combination	Min		-1984,681	-401,565	-429,173	-8,876E-08	-815,9215	-798,7247
29	1,16	SEISMOSX-0.24g	Combination	Min		-1984,681	-401,565	-429,173	-8,876E-08	-981,8082	-953,91
29	0	SEISMOSY-0.24g	Combination	Max		595,404	401,565	1430,576	1,068E-07	1614,2402	488,5186
29	0,387	SEISMOSY-0.24g	Combination	Max		595,404	401,565	1430,576	1,068E-07	2166,8853	643,581
29	0,773	SEISMOSY-0.24g	Combination	Max		595,404	401,565	1430,576	1,068E-07	2719,7383	798,7247
29	1,16	SEISMOSY-0.24g	Combination	Max		595,404	401,565	1430,576	1,068E-07	3272,6937	953,91
29	0	SEISMOSY-0.24g	Combination	Min		-595,404	-401,565	-1430,576	-1,068E-07	-1614,2402	-488,5186
29	0,387	SEISMOSY-0.24g	Combination	Min		-595,404	-401,565	-1430,576	-1,068E-07	-2166,8853	-643,581
29	0,773	SEISMOSY-0.24g	Combination	Min		-595,404	-401,565	-1430,576	-1,068E-07	-2719,7383	-798,7247
29	1,16	SEISMOSY-0.24g	Combination	Min		-595,404	-401,565	-1430,576	-1,068E-07	-3272,6937	-953,91
29	0	SEISMOSZ-0.24g	Combination	Max		595,405	1338,549	429,173	1,433E-07	484,2722	1628,3952

29	0,387	SEISMOSZ-0.24g	Combination	Max		595,405	1338,549	429,173	1,433E-07	650,0657	2145,2699
29	0,773	SEISMOSZ-0.24g	Combination	Max		595,405	1338,549	429,173	1,433E-07	815,9216	2662,4155
29	1,16	SEISMOSZ-0.24g	Combination	Max		595,405	1338,549	429,173	1,433E-07	981,8082	3179,7001
29	0	SEISMOSZ-0.24g	Combination	Min		-595,405	-1338,549	-429,173	-1,433E-07	-484,2722	-1628,3952
29	0,387	SEISMOSZ-0.24g	Combination	Min		-595,405	-1338,549	-429,173	-1,433E-07	-650,0657	-2145,2699
29	0,773	SEISMOSZ-0.24g	Combination	Min		-595,405	-1338,549	-429,173	-1,433E-07	-815,9216	-2662,4155
29	1,16	SEISMOSZ-0.24g	Combination	Min		-595,405	-1338,549	-429,173	-1,433E-07	-981,8082	-3179,7001
30	0	G	LinStatic			0	0	0	0	0	0
30	0,387	G	LinStatic			0	0	0	0	0	0
30	0,773	G	LinStatic			0	0	0	0	0	0
30	1,16	G	LinStatic			0	0	0	0	0	0
30	0	G1	LinStatic			0	0	0	0	0	0
30	0,387	G1	LinStatic			0	0	0	0	0	0
30	0,773	G1	LinStatic			0	0	0	0	0	0
30	1,16	G1	LinStatic			0	0	0	0	0	0
30	0	G21	LinStatic			0	-388,797	0	0	0	1066,0112
30	0,387	G21	LinStatic			0	-365,234	0	0	0	1211,7905
30	0,773	G21	LinStatic			0	-341,67	0	0	0	1348,4587
30	1,16	G21	LinStatic			0	-318,107	0	0	0	1476,0156
30	0	Q	LinStatic			0	-554,039	0	0	0	1519,0748
30	0,387	Q	LinStatic			0	-520,461	0	0	0	1726,8115
30	0,773	Q	LinStatic			0	-486,883	0	0	0	1921,5646
30	1,16	Q	LinStatic			0	-453,305	0	0	0	2103,3343
30	0	TEMP	LinStatic			-1172,394	0	0	0	0	0
30	0,387	TEMP	LinStatic			-1172,394	0	0	0	0	0
30	0,773	TEMP	LinStatic			-1172,394	0	0	0	0	0
30	1,16	TEMP	LinStatic			-1172,394	0	0	0	0	0
30	0	EQX-0.24g-B	LinRespSpec	Max		1654,433	1,971E-06	0,00004723	3,603E-08	0,0000366	0,000001486
30	0,387	EQX-0.24g-B	LinRespSpec	Max		1654,433	1,971E-06	0,00004723	3,603E-08	0,00001834	0,000002248
30	0,773	EQX-0.24g-B	LinRespSpec	Max		1654,433	1,971E-06	0,00004723	3,603E-08	8,024E-08	0,00000301
30	1,16	EQX-0.24g-B	LinRespSpec	Max		1654,433	1,971E-06	0,00004723	3,603E-08	0,00001818	0,000003772
30	0	EQY-0.24g-B	LinRespSpec	Max		0,00001003	2,828E-05	1255,944	6,18E-08	3272,6937	0,00001557
30	0,387	EQY-0.24g-B	LinRespSpec	Max		0,00001003	2,828E-05	1255,944	6,18E-08	3757,5131	0,000004883
30	0,773	EQY-0.24g-B	LinRespSpec	Max		0,00001003	2,828E-05	1255,944	6,18E-08	4242,5183	0,000006664

30	1,16	EQY-0.24g-B	LinRespSpec	Max		0,00001003	2,828E-05	1255,944	6,18E-08	4727,6521	0,00001744
30	0	EQZ-0.24g-B	LinRespSpec	Max		0,00004775	1218,978	0,00009426	1,139E-07	0,00008261	3179,7001
30	0,387	EQZ-0.24g-B	LinRespSpec	Max		0,00004775	1218,978	0,00009426	1,139E-07	0,00005814	3649,2477
30	0,773	EQZ-0.24g-B	LinRespSpec	Max		0,00004775	1218,978	0,00009426	1,139E-07	0,00005093	4119,2044
30	1,16	EQZ-0.24g-B	LinRespSpec	Max		0,00004775	1218,978	0,00009426	1,139E-07	0,00006681	4589,4445
30	0	SEISMOSX-0.24g	Combination	Max		1654,433	365,693	376,783	8,876E-08	981,8082	953,91
30	0,387	SEISMOSX-0.24g	Combination	Max		1654,433	365,693	376,783	8,876E-08	1127,254	1094,7743
30	0,773	SEISMOSX-0.24g	Combination	Max		1654,433	365,693	376,783	8,876E-08	1272,7555	1235,7613
30	1,16	SEISMOSX-0.24g	Combination	Max		1654,433	365,693	376,783	8,876E-08	1418,2957	1376,8334
30	0	SEISMOSX-0.24g	Combination	Min		-1654,433	-365,693	-376,783	-8,876E-08	-981,8082	-953,91
30	0,387	SEISMOSX-0.24g	Combination	Min		-1654,433	-365,693	-376,783	-8,876E-08	-1127,254	-1094,7743
30	0,773	SEISMOSX-0.24g	Combination	Min		-1654,433	-365,693	-376,783	-8,876E-08	-1272,7555	-1235,7613
30	1,16	SEISMOSX-0.24g	Combination	Min		-1654,433	-365,693	-376,783	-8,876E-08	-1418,2957	-1376,8334
30	0	SEISMOSY-0.24g	Combination	Max		496,33	365,693	1255,944	1,068E-07	3272,6937	953,91
30	0,387	SEISMOSY-0.24g	Combination	Max		496,33	365,693	1255,944	1,068E-07	3757,5131	1094,7743
30	0,773	SEISMOSY-0.24g	Combination	Max		496,33	365,693	1255,944	1,068E-07	4242,5183	1235,7613
30	1,16	SEISMOSY-0.24g	Combination	Max		496,33	365,693	1255,944	1,068E-07	4727,6521	1376,8334
30	0	SEISMOSY-0.24g	Combination	Min		-496,33	-365,693	-1255,944	-1,068E-07	-3272,6937	-953,91
30	0,387	SEISMOSY-0.24g	Combination	Min		-496,33	-365,693	-1255,944	-1,068E-07	-3757,5131	-1094,7743
30	0,773	SEISMOSY-0.24g	Combination	Min		-496,33	-365,693	-1255,944	-1,068E-07	-4242,5183	-1235,7613
30	1,16	SEISMOSY-0.24g	Combination	Min		-496,33	-365,693	-1255,944	-1,068E-07	-4727,6521	-1376,8334
30	0	SEISMOSZ-0.24g	Combination	Max		496,33	1218,978	376,783	1,433E-07	981,8082	3179,7001
30	0,387	SEISMOSZ-0.24g	Combination	Max		496,33	1218,978	376,783	1,433E-07	1127,254	3649,2477
30	0,773	SEISMOSZ-0.24g	Combination	Max		496,33	1218,978	376,783	1,433E-07	1272,7555	4119,2044
30	1,16	SEISMOSZ-0.24g	Combination	Max		496,33	1218,978	376,783	1,433E-07	1418,2957	4589,4445
30	0	SEISMOSZ-0.24g	Combination	Min		-496,33	-1218,978	-376,783	-1,433E-07	-981,8082	-3179,7001
30	0,387	SEISMOSZ-0.24g	Combination	Min		-496,33	-1218,978	-376,783	-1,433E-07	-1127,254	-3649,2477
30	0,773	SEISMOSZ-0.24g	Combination	Min		-496,33	-1218,978	-376,783	-1,433E-07	-1272,7555	-4119,2044
30	1,16	SEISMOSZ-0.24g	Combination	Min		-496,33	-1218,978	-376,783	-1,433E-07	-1418,2957	-4589,4445
31	0	G	LinStatic			0	0	0	0	0	0
31	0,387	G	LinStatic			0	0	0	0	0	0
31	0,773	G	LinStatic			0	0	0	0	0	0
31	1,16	G	LinStatic			0	0	0	0	0	0
31	0	G1	LinStatic			0	0	0	0	0	0

31	0,387	G1	LinStatic			0	0	0	0	0	0
31	0,773	G1	LinStatic			0	0	0	0	0	0
31	1,16	G1	LinStatic			0	0	0	0	0	0
31	0	G21	LinStatic			0	-318,107	0	0	0	1476,0156
31	0,387	G21	LinStatic			0	-294,543	0	0	0	1594,4612
31	0,773	G21	LinStatic			0	-270,98	0	0	0	1703,7957
31	1,16	G21	LinStatic			0	-247,416	0	0	0	1804,019
31	0	Q	LinStatic			0	-453,305	0	0	0	2103,3343
31	0,387	Q	LinStatic			0	-419,727	0	0	0	2272,1204
31	0,773	Q	LinStatic			0	-386,149	0	0	0	2427,9229
31	1,16	Q	LinStatic			0	-352,57	0	0	0	2570,7419
31	0	TEMP	LinStatic			-1172,394	0	0	0	0	0
31	0,387	TEMP	LinStatic			-1172,394	0	0	0	0	0
31	0,773	TEMP	LinStatic			-1172,394	0	0	0	0	0
31	1,16	TEMP	LinStatic			-1172,394	0	0	0	0	0
31	0	EQX-0.24g-B	LinRespSpec	Max		1323,894	4,806E-06	0,00001506	3,603E-08	0,00001818	0,000003772
31	0,387	EQX-0.24g-B	LinRespSpec	Max		1323,894	4,806E-06	0,00001506	3,603E-08	0,000024	0,000001914
31	0,773	EQX-0.24g-B	LinRespSpec	Max		1323,894	4,806E-06	0,00001506	3,603E-08	0,00002983	5,562E-08
31	1,16	EQX-0.24g-B	LinRespSpec	Max		1323,894	4,806E-06	0,00001506	3,603E-08	0,00003565	0,000001803
31	0	EQY-0.24g-B	LinRespSpec	Max		7,702E-06	3,213E-05	1049,5	6,18E-08	4727,6521	0,00001744
31	0,387	EQY-0.24g-B	LinRespSpec	Max		7,702E-06	3,213E-05	1049,5	6,18E-08	5132,4241	0,000005577
31	0,773	EQY-0.24g-B	LinRespSpec	Max		7,702E-06	3,213E-05	1049,5	6,18E-08	5537,3476	0,000008163
31	1,16	EQY-0.24g-B	LinRespSpec	Max		7,702E-06	3,213E-05	1049,5	6,18E-08	5942,3916	0,00002027
31	0	EQZ-0.24g-B	LinRespSpec	Max		0,00002626	1047,467	0,00009374	1,139E-07	0,00006681	4589,4445
31	0,387	EQZ-0.24g-B	LinRespSpec	Max		0,00002626	1047,467	0,00009374	1,139E-07	0,0000559	4992,2333
31	0,773	EQZ-0.24g-B	LinRespSpec	Max		0,00002626	1047,467	0,00009374	1,139E-07	0,00006644	5395,3563
31	1,16	EQZ-0.24g-B	LinRespSpec	Max		0,00002626	1047,467	0,00009374	1,139E-07	0,00009128	5798,7437
31	0	SEISMOSX-0.24g	Combination	Max		1323,894	314,24	314,85	8,876E-08	1418,2957	1376,8334
31	0,387	SEISMOSX-0.24g	Combination	Max		1323,894	314,24	314,85	8,876E-08	1539,7273	1497,67
31	0,773	SEISMOSX-0.24g	Combination	Max		1323,894	314,24	314,85	8,876E-08	1661,2043	1618,6069
31	1,16	SEISMOSX-0.24g	Combination	Max		1323,894	314,24	314,85	8,876E-08	1782,7175	1739,6231
31	0	SEISMOSX-0.24g	Combination	Min		-1323,894	-314,24	-314,85	-8,876E-08	-1418,2957	-1376,8334
31	0,387	SEISMOSX-0.24g	Combination	Min		-1323,894	-314,24	-314,85	-8,876E-08	-1539,7273	-1497,67
31	0,773	SEISMOSX-0.24g	Combination	Min		-1323,894	-314,24	-314,85	-8,876E-08	-1661,2043	-1618,6069

31	1,16	SEISMOSX-0.24g	Combination	Min		-1323,894	-314,24	-314,85	-8,876E-08	-1782,7175	-1739,6231
31	0	SEISMOSY-0.24g	Combination	Max		397,168	314,24	1049,5	1,068E-07	4727,6521	1376,8334
31	0,387	SEISMOSY-0.24g	Combination	Max		397,168	314,24	1049,5	1,068E-07	5132,4242	1497,67
31	0,773	SEISMOSY-0.24g	Combination	Max		397,168	314,24	1049,5	1,068E-07	5537,3477	1618,6069
31	1,16	SEISMOSY-0.24g	Combination	Max		397,168	314,24	1049,5	1,068E-07	5942,3917	1739,6231
31	0	SEISMOSY-0.24g	Combination	Min		-397,168	-314,24	-1049,5	-1,068E-07	-4727,6521	-1376,8334
31	0,387	SEISMOSY-0.24g	Combination	Min		-397,168	-314,24	-1049,5	-1,068E-07	-5132,4242	-1497,67
31	0,773	SEISMOSY-0.24g	Combination	Min		-397,168	-314,24	-1049,5	-1,068E-07	-5537,3477	-1618,6069
31	1,16	SEISMOSY-0.24g	Combination	Min		-397,168	-314,24	-1049,5	-1,068E-07	-5942,3917	-1739,6231
31	0	SEISMOSZ-0.24g	Combination	Max		397,168	1047,467	314,85	1,433E-07	1418,2957	4589,4445
31	0,387	SEISMOSZ-0.24g	Combination	Max		397,168	1047,467	314,85	1,433E-07	1539,7273	4992,2333
31	0,773	SEISMOSZ-0.24g	Combination	Max		397,168	1047,467	314,85	1,433E-07	1661,2044	5395,3563
31	1,16	SEISMOSZ-0.24g	Combination	Max		397,168	1047,467	314,85	1,433E-07	1782,7176	5798,7437
31	0	SEISMOSZ-0.24g	Combination	Min		-397,168	-1047,467	-314,85	-1,433E-07	-1418,2957	-4589,4445
31	0,387	SEISMOSZ-0.24g	Combination	Min		-397,168	-1047,467	-314,85	-1,433E-07	-1539,7273	-4992,2333
31	0,773	SEISMOSZ-0.24g	Combination	Min		-397,168	-1047,467	-314,85	-1,433E-07	-1661,2044	-5395,3563
31	1,16	SEISMOSZ-0.24g	Combination	Min		-397,168	-1047,467	-314,85	-1,433E-07	-1782,7176	-5798,7437
32	0	G	LinStatic			0	0	0	0	0	0
32	0,387	G	LinStatic			0	0	0	0	0	0
32	0,773	G	LinStatic			0	0	0	0	0	0
32	1,16	G	LinStatic			0	0	0	0	0	0
32	0	G1	LinStatic			0	0	0	0	0	0
32	0,387	G1	LinStatic			0	0	0	0	0	0
32	0,773	G1	LinStatic			0	0	0	0	0	0
32	1,16	G1	LinStatic			0	0	0	0	0	0
32	0	G21	LinStatic			0	-247,416	0	0	0	1804,019
32	0,387	G21	LinStatic			0	-223,853	0	0	0	1895,1311
32	0,773	G21	LinStatic			0	-200,289	0	0	0	1977,1319
32	1,16	G21	LinStatic			0	-176,726	0	0	0	2050,0216
32	0	Q	LinStatic			0	-352,57	0	0	0	2570,7419
32	0,387	Q	LinStatic			0	-318,992	0	0	0	2700,5773
32	0,773	Q	LinStatic			0	-285,414	0	0	0	2817,4292
32	1,16	Q	LinStatic			0	-251,836	0	0	0	2921,2976
32	0	TEMP	LinStatic			-1172,394	0	0	0	0	0



32	0,387	TEMP	LinStatic			-1172,394	0	0	0	0	0
32	0,773	TEMP	LinStatic			-1172,394	0	0	0	0	0
32	1,16	TEMP	LinStatic			-1172,394	0	0	0	0	0
32	0	EQX-0.24g-B	LinRespSpec	Max		993,124	6,581E-06	0,00004113	3,603E-08	0,00003565	0,000001803
32	0,387	EQX-0.24g-B	LinRespSpec	Max		993,124	6,581E-06	0,00004113	3,603E-08	0,00001975	0,000004347
32	0,773	EQX-0.24g-B	LinRespSpec	Max		993,124	6,581E-06	0,00004113	3,603E-08	0,000003842	0,000006892
32	1,16	EQX-0.24g-B	LinRespSpec	Max		993,124	6,581E-06	0,00004113	3,603E-08	0,00001206	0,000009437
32	0	EQY-0.24g-B	LinRespSpec	Max		0,00006841	3,817E-05	814,76	6,18E-08	5942,3916	0,00002027
32	0,387	EQY-0.24g-B	LinRespSpec	Max		0,00006841	3,817E-05	814,76	6,18E-08	6256,3708	0,000007353
32	0,773	EQY-0.24g-B	LinRespSpec	Max		0,00006841	3,817E-05	814,76	6,18E-08	6570,4517	0,00001153
32	1,16	EQY-0.24g-B	LinRespSpec	Max		0,00006841	3,817E-05	814,76	6,18E-08	6884,6202	0,00002544
32	0	EQZ-0.24g-B	LinRespSpec	Max		0,00005843	831,569	0,0001002	1,139E-07	0,00009128	5798,7437
32	0,387	EQZ-0.24g-B	LinRespSpec	Max		0,00005843	831,569	0,0001002	1,139E-07	0,0000736	6117,3615
32	0,773	EQZ-0.24g-B	LinRespSpec	Max		0,00005843	831,569	0,0001002	1,139E-07	0,00007419	6436,2699
32	1,16	EQZ-0.24g-B	LinRespSpec	Max		0,00005843	831,569	0,0001002	1,139E-07	0,0000927	6755,4278
32	0	SEISMOSX-0.24g	Combination	Max		993,124	249,471	244,428	8,876E-08	1782,7175	1739,6231
32	0,387	SEISMOSX-0.24g	Combination	Max		993,124	249,471	244,428	8,876E-08	1876,9113	1835,2084
32	0,773	SEISMOSX-0.24g	Combination	Max		993,124	249,471	244,428	8,876E-08	1971,1355	1930,881
32	1,16	SEISMOSX-0.24g	Combination	Max		993,124	249,471	244,428	8,876E-08	2065,3861	2026,6284
32	0	SEISMOSX-0.24g	Combination	Min		-993,124	-249,471	-244,428	-8,876E-08	-1782,7175	-1739,6231
32	0,387	SEISMOSX-0.24g	Combination	Min		-993,124	-249,471	-244,428	-8,876E-08	-1876,9113	-1835,2084
32	0,773	SEISMOSX-0.24g	Combination	Min		-993,124	-249,471	-244,428	-8,876E-08	-1971,1355	-1930,881
32	1,16	SEISMOSX-0.24g	Combination	Min		-993,124	-249,471	-244,428	-8,876E-08	-2065,3861	-2026,6284
32	0	SEISMOSY-0.24g	Combination	Max		297,937	249,471	814,76	1,068E-07	5942,3917	1739,6231
32	0,387	SEISMOSY-0.24g	Combination	Max		297,937	249,471	814,76	1,068E-07	6256,3709	1835,2084
32	0,773	SEISMOSY-0.24g	Combination	Max		297,937	249,471	814,76	1,068E-07	6570,4517	1930,881
32	1,16	SEISMOSY-0.24g	Combination	Max		297,937	249,471	814,76	1,068E-07	6884,6203	2026,6284
32	0	SEISMOSY-0.24g	Combination	Min		-297,937	-249,471	-814,76	-1,068E-07	-5942,3917	-1739,6231
32	0,387	SEISMOSY-0.24g	Combination	Min		-297,937	-249,471	-814,76	-1,068E-07	-6256,3709	-1835,2084
32	0,773	SEISMOSY-0.24g	Combination	Min		-297,937	-249,471	-814,76	-1,068E-07	-6570,4517	-1930,881
32	1,16	SEISMOSY-0.24g	Combination	Min		-297,937	-249,471	-814,76	-1,068E-07	-6884,6203	-2026,6284
32	0	SEISMOSZ-0.24g	Combination	Max		297,937	831,569	244,428	1,433E-07	1782,7176	5798,7437
32	0,387	SEISMOSZ-0.24g	Combination	Max		297,937	831,569	244,428	1,433E-07	1876,9113	6117,3615
32	0,773	SEISMOSZ-0.24g	Combination	Max		297,937	831,569	244,428	1,433E-07	1971,1356	6436,2699

32	1,16	SEISMOSZ-0.24g	Combination	Max		297,937	831,569	244,428	1,433E-07	2065,3862	6755,4278
32	0	SEISMOSZ-0.24g	Combination	Min		-297,937	-831,569	-244,428	-1,433E-07	-1782,7176	-5798,7437
32	0,387	SEISMOSZ-0.24g	Combination	Min		-297,937	-831,569	-244,428	-1,433E-07	-1876,9113	-6117,3615
32	0,773	SEISMOSZ-0.24g	Combination	Min		-297,937	-831,569	-244,428	-1,433E-07	-1971,1356	-6436,2699
32	1,16	SEISMOSZ-0.24g	Combination	Min		-297,937	-831,569	-244,428	-1,433E-07	-2065,3862	-6755,4278
33	0	G	LinStatic			0	0	0	0	0	0
33	0,387	G	LinStatic			0	0	0	0	0	0
33	0,773	G	LinStatic			0	0	0	0	0	0
33	1,16	G	LinStatic			0	0	0	0	0	0
33	0	G1	LinStatic			0	0	0	0	0	0
33	0,387	G1	LinStatic			0	0	0	0	0	0
33	0,773	G1	LinStatic			0	0	0	0	0	0
33	1,16	G1	LinStatic			0	0	0	0	0	0
33	0	G21	LinStatic			0	-176,726	0	0	0	2050,0216
33	0,387	G21	LinStatic			0	-153,163	0	0	0	2113,8
33	0,773	G21	LinStatic			0	-129,599	0	0	0	2168,4673
33	1,16	G21	LinStatic			0	-106,036	0	0	0	2214,0233
33	0	Q	LinStatic			0	-251,836	0	0	0	2921,2976
33	0,387	Q	LinStatic			0	-218,258	0	0	0	3012,1824
33	0,773	Q	LinStatic			0	-184,68	0	0	0	3090,0837
33	1,16	Q	LinStatic			0	-151,102	0	0	0	3155,0014
33	0	TEMP	LinStatic			-1172,394	0	0	0	0	0
33	0,387	TEMP	LinStatic			-1172,394	0	0	0	0	0
33	0,773	TEMP	LinStatic			-1172,394	0	0	0	0	0
33	1,16	TEMP	LinStatic			-1172,394	0	0	0	0	0
33	0	EQX-0.24g-B	LinRespSpec	Max		662,179	2,226E-05	0,00002039	3,603E-08	0,00001206	0,000009437
33	0,387	EQX-0.24g-B	LinRespSpec	Max		662,179	2,226E-05	0,00002039	3,603E-08	0,00001995	8,294E-07
33	0,773	EQX-0.24g-B	LinRespSpec	Max		662,179	2,226E-05	0,00002039	3,603E-08	0,00002783	0,000007778
33	1,16	EQX-0.24g-B	LinRespSpec	Max		662,179	2,226E-05	0,00002039	3,603E-08	0,00003572	0,00001639
33	0	EQY-0.24g-B	LinRespSpec	Max		0,00006778	3,887E-05	556,924	6,18E-08	6884,6202	0,00002544
33	0,387	EQY-0.24g-B	LinRespSpec	Max		0,00006778	3,887E-05	556,924	6,18E-08	7099,1022	0,0000111
33	0,773	EQY-0.24g-B	LinRespSpec	Max		0,00006778	3,887E-05	556,924	6,18E-08	7313,6348	0,000007139
33	1,16	EQY-0.24g-B	LinRespSpec	Max		0,00006778	3,887E-05	556,924	6,18E-08	7528,2138	0,00002075
33	0	EQZ-0.24g-B	LinRespSpec	Max		0,00001295	582,959	0,0001054	1,139E-07	0,0000927	6755,4278

33	0,387	EQZ-0.24g-B	LinRespSpec	Max		0,00001295	582,959	0,0001054	1,139E-07	0,00006839	6976,257
33	0,773	EQZ-0.24g-B	LinRespSpec	Max		0,00001295	582,959	0,0001054	1,139E-07	0,00006391	7197,3702
33	1,16	EQZ-0.24g-B	LinRespSpec	Max		0,00001295	582,959	0,0001054	1,139E-07	0,00008257	7418,7421
33	0	SEISMOSX-0.24g	Combination	Max		662,179	174,888	167,077	8,876E-08	2065,3861	2026,6284
33	0,387	SEISMOSX-0.24g	Combination	Max		662,179	174,888	167,077	8,876E-08	2129,7307	2092,8771
33	0,773	SEISMOSX-0.24g	Combination	Max		662,179	174,888	167,077	8,876E-08	2194,0905	2159,2111
33	1,16	SEISMOSX-0.24g	Combination	Max		662,179	174,888	167,077	8,876E-08	2258,4642	2225,6227
33	0	SEISMOSX-0.24g	Combination	Min		-662,179	-174,888	-167,077	-8,876E-08	-2065,3861	-2026,6284
33	0,387	SEISMOSX-0.24g	Combination	Min		-662,179	-174,888	-167,077	-8,876E-08	-2129,7307	-2092,8771
33	0,773	SEISMOSX-0.24g	Combination	Min		-662,179	-174,888	-167,077	-8,876E-08	-2194,0905	-2159,2111
33	1,16	SEISMOSX-0.24g	Combination	Min		-662,179	-174,888	-167,077	-8,876E-08	-2258,4642	-2225,6227
33	0	SEISMOSY-0.24g	Combination	Max		198,654	174,888	556,924	1,068E-07	6884,6203	2026,6284
33	0,387	SEISMOSY-0.24g	Combination	Max		198,654	174,888	556,924	1,068E-07	7099,1022	2092,8771
33	0,773	SEISMOSY-0.24g	Combination	Max		198,654	174,888	556,924	1,068E-07	7313,6349	2159,2111
33	1,16	SEISMOSY-0.24g	Combination	Max		198,654	174,888	556,924	1,068E-07	7528,2138	2225,6227
33	0	SEISMOSY-0.24g	Combination	Min		-198,654	-174,888	-556,924	-1,068E-07	-6884,6203	-2026,6284
33	0,387	SEISMOSY-0.24g	Combination	Min		-198,654	-174,888	-556,924	-1,068E-07	-7099,1022	-2092,8771
33	0,773	SEISMOSY-0.24g	Combination	Min		-198,654	-174,888	-556,924	-1,068E-07	-7313,6349	-2159,2111
33	1,16	SEISMOSY-0.24g	Combination	Min		-198,654	-174,888	-556,924	-1,068E-07	-7528,2138	-2225,6227
33	0	SEISMOSZ-0.24g	Combination	Max		198,654	582,959	167,077	1,433E-07	2065,3862	6755,4278
33	0,387	SEISMOSZ-0.24g	Combination	Max		198,654	582,959	167,077	1,433E-07	2129,7307	6976,257
33	0,773	SEISMOSZ-0.24g	Combination	Max		198,654	582,959	167,077	1,433E-07	2194,0905	7197,3702
33	1,16	SEISMOSZ-0.24g	Combination	Max		198,654	582,959	167,077	1,433E-07	2258,4642	7418,7422
33	0	SEISMOSZ-0.24g	Combination	Min		-198,654	-582,959	-167,077	-1,433E-07	-2065,3862	-6755,4278
33	0,387	SEISMOSZ-0.24g	Combination	Min		-198,654	-582,959	-167,077	-1,433E-07	-2129,7307	-6976,257
33	0,773	SEISMOSZ-0.24g	Combination	Min		-198,654	-582,959	-167,077	-1,433E-07	-2194,0905	-7197,3702
33	1,16	SEISMOSZ-0.24g	Combination	Min		-198,654	-582,959	-167,077	-1,433E-07	-2258,4642	-7418,7422
34	0	G	LinStatic			0	0	0	0	0	0
34	0,387	G	LinStatic			0	0	0	0	0	0
34	0,773	G	LinStatic			0	0	0	0	0	0
34	1,16	G	LinStatic			0	0	0	0	0	0
34	0	G1	LinStatic			0	0	0	0	0	0
34	0,387	G1	LinStatic			0	0	0	0	0	0
34	0,773	G1	LinStatic			0	0	0	0	0	0

34	1,16	G1	LinStatic			0	0	0	0	0	0
34	0	G21	LinStatic			0	-106,036	0	0	0	2214,0233
34	0,387	G21	LinStatic			0	-82,472	0	0	0	2250,4682
34	0,773	G21	LinStatic			0	-58,909	0	0	0	2277,8018
34	1,16	G21	LinStatic			0	-35,345	0	0	0	2296,0242
34	0	Q	LinStatic			0	-151,102	0	0	0	3155,0014
34	0,387	Q	LinStatic			0	-117,523	0	0	0	3206,9356
34	0,773	Q	LinStatic			0	-83,945	0	0	0	3245,8862
34	1,16	Q	LinStatic			0	-50,367	0	0	0	3271,8533
34	0	TEMP	LinStatic			-1172,394	0	0	0	0	0
34	0,387	TEMP	LinStatic			-1172,394	0	0	0	0	0
34	0,773	TEMP	LinStatic			-1172,394	0	0	0	0	0
34	1,16	TEMP	LinStatic			-1172,394	0	0	0	0	0
34	0	EQX-0.24g-B	LinRespSpec	Max		331,119	2,213E-05	0,00002158	3,603E-08	0,00003572	0,00001639
34	0,387	EQX-0.24g-B	LinRespSpec	Max		331,119	2,213E-05	0,00002158	3,603E-08	0,00002738	0,000007827
34	0,773	EQX-0.24g-B	LinRespSpec	Max		331,119	2,213E-05	0,00002158	3,603E-08	0,00001903	7,314E-07
34	1,16	EQX-0.24g-B	LinRespSpec	Max		331,119	2,213E-05	0,00002158	3,603E-08	0,00001069	0,00000929
34	0	EQY-0.24g-B	LinRespSpec	Max		0,00001407	1,873E-05	282,712	6,18E-08	7528,2138	0,00002075
34	0,387	EQY-0.24g-B	LinRespSpec	Max		0,00001407	1,873E-05	282,712	6,18E-08	7637,0521	0,00001502
34	0,773	EQY-0.24g-B	LinRespSpec	Max		0,00001407	1,873E-05	282,712	6,18E-08	7745,9039	0,00001121
34	1,16	EQY-0.24g-B	LinRespSpec	Max		0,00001407	1,873E-05	282,712	6,18E-08	7854,7685	0,00001143
34	0	EQZ-0.24g-B	LinRespSpec	Max		0,0000764	303,926	0,0000545	1,139E-07	0,00008257	7418,7421
34	0,387	EQZ-0.24g-B	LinRespSpec	Max		0,0000764	303,926	0,0000545	1,139E-07	0,00007605	7532,0868
34	0,773	EQZ-0.24g-B	LinRespSpec	Max		0,0000764	303,926	0,0000545	1,139E-07	0,00007509	7645,5576
34	1,16	EQZ-0.24g-B	LinRespSpec	Max		0,0000764	303,926	0,0000545	1,139E-07	0,00007989	7759,1488
34	0	SEISMOSX-0.24g	Combination	Max		331,119	91,178	84,814	8,876E-08	2258,4642	2225,6227
34	0,387	SEISMOSX-0.24g	Combination	Max		331,119	91,178	84,814	8,876E-08	2291,1157	2259,6261
34	0,773	SEISMOSX-0.24g	Combination	Max		331,119	91,178	84,814	8,876E-08	2323,7712	2293,6673
34	1,16	SEISMOSX-0.24g	Combination	Max		331,119	91,178	84,814	8,876E-08	2356,4306	2327,7446
34	0	SEISMOSX-0.24g	Combination	Min		-331,119	-91,178	-84,814	-8,876E-08	-2258,4642	-2225,6227
34	0,387	SEISMOSX-0.24g	Combination	Min		-331,119	-91,178	-84,814	-8,876E-08	-2291,1157	-2259,6261
34	0,773	SEISMOSX-0.24g	Combination	Min		-331,119	-91,178	-84,814	-8,876E-08	-2323,7712	-2293,6673
34	1,16	SEISMOSX-0.24g	Combination	Min		-331,119	-91,178	-84,814	-8,876E-08	-2356,4306	-2327,7446
34	0	SEISMOSY-0.24g	Combination	Max		99,336	91,178	282,712	1,068E-07	7528,2138	2225,6227

34	0,387	SEISMOSY-0.24g	Combination	Max		99,336	91,178	282,712	1,068E-07	7637,0521	2259,6261
34	0,773	SEISMOSY-0.24g	Combination	Max		99,336	91,178	282,712	1,068E-07	7745,9039	2293,6673
34	1,16	SEISMOSY-0.24g	Combination	Max		99,336	91,178	282,712	1,068E-07	7854,7685	2327,7446
34	0	SEISMOSY-0.24g	Combination	Min		-99,336	-91,178	-282,712	-1,068E-07	-7528,2138	-2225,6227
34	0,387	SEISMOSY-0.24g	Combination	Min		-99,336	-91,178	-282,712	-1,068E-07	-7637,0521	-2259,6261
34	0,773	SEISMOSY-0.24g	Combination	Min		-99,336	-91,178	-282,712	-1,068E-07	-7745,9039	-2293,6673
34	1,16	SEISMOSY-0.24g	Combination	Min		-99,336	-91,178	-282,712	-1,068E-07	-7854,7685	-2327,7446
34	0	SEISMOSZ-0.24g	Combination	Max		99,336	303,926	84,814	1,433E-07	2258,4642	7418,7422
34	0,387	SEISMOSZ-0.24g	Combination	Max		99,336	303,926	84,814	1,433E-07	2291,1157	7532,0868
34	0,773	SEISMOSZ-0.24g	Combination	Max		99,336	303,926	84,814	1,433E-07	2323,7712	7645,5576
34	1,16	SEISMOSZ-0.24g	Combination	Max		99,336	303,926	84,814	1,433E-07	2356,4306	7759,1488
34	0	SEISMOSZ-0.24g	Combination	Min		-99,336	-303,926	-84,814	-1,433E-07	-2258,4642	-7418,7422
34	0,387	SEISMOSZ-0.24g	Combination	Min		-99,336	-303,926	-84,814	-1,433E-07	-2291,1157	-7532,0868
34	0,773	SEISMOSZ-0.24g	Combination	Min		-99,336	-303,926	-84,814	-1,433E-07	-2323,7712	-7645,5576
34	1,16	SEISMOSZ-0.24g	Combination	Min		-99,336	-303,926	-84,814	-1,433E-07	-2356,4306	-7759,1488
35	0	G	LinStatic			0	0	0	0	0	0
35	0,387	G	LinStatic			0	0	0	0	0	0
35	0,773	G	LinStatic			0	0	0	0	0	0
35	1,16	G	LinStatic			0	0	0	0	0	0
35	0	G1	LinStatic			0	0	0	0	0	0
35	0,387	G1	LinStatic			0	0	0	0	0	0
35	0,773	G1	LinStatic			0	0	0	0	0	0
35	1,16	G1	LinStatic			0	0	0	0	0	0
35	0	G21	LinStatic			0	-35,345	0	0	0	2296,0242
35	0,387	G21	LinStatic			0	-11,782	0	0	0	2305,1354
35	0,773	G21	LinStatic			0	11,782	0	0	0	2305,1354
35	1,16	G21	LinStatic			0	35,345	0	0	0	2296,0242
35	0	Q	LinStatic			0	-50,367	0	0	0	3271,8533
35	0,387	Q	LinStatic			0	-16,789	0	0	0	3284,8369
35	0,773	Q	LinStatic			0	16,789	0	0	0	3284,8369
35	1,16	Q	LinStatic			0	50,367	0	0	0	3271,8533
35	0	TEMP	LinStatic			-1172,394	0	0	0	0	0
35	0,387	TEMP	LinStatic			-1172,394	0	0	0	0	0
35	0,773	TEMP	LinStatic			-1172,394	0	0	0	0	0

35	1,16	TEMP	LinStatic			-1172,394	0	0	0	0	0
35	0	EQX-0.24g-B	LinRespSpec	Max		0,00001467	5,093E-06	0,00003307	3,603E-08	0,00001069	0,00000929
35	0,387	EQX-0.24g-B	LinRespSpec	Max		0,00001467	5,093E-06	0,00003307	3,603E-08	0,000002097	0,00000732
35	0,773	EQX-0.24g-B	LinRespSpec	Max		0,00001467	5,093E-06	0,00003307	3,603E-08	0,00001489	0,000005351
35	1,16	EQX-0.24g-B	LinRespSpec	Max		0,00001467	5,093E-06	0,00003307	3,603E-08	0,00002767	0,000003382
35	0	EQY-0.24g-B	LinRespSpec	Max		0,00002881	3,588E-05	0,00007451	6,18E-08	7854,7685	0,00001143
35	0,387	EQY-0.24g-B	LinRespSpec	Max		0,00002881	3,588E-05	0,00007451	6,18E-08	7854,7685	0,000008603
35	0,773	EQY-0.24g-B	LinRespSpec	Max		0,00002881	3,588E-05	0,00007451	6,18E-08	7854,7685	0,00002006
35	1,16	EQY-0.24g-B	LinRespSpec	Max		0,00002881	3,588E-05	0,00007451	6,18E-08	7854,7685	0,00003341
35	0	EQZ-0.24g-B	LinRespSpec	Max		0,0002205	0,0001334	0,0001283	1,139E-07	0,00007989	7759,1488
35	0,387	EQZ-0.24g-B	LinRespSpec	Max		0,0002205	0,0001334	0,0001283	1,139E-07	0,00007826	7759,1488
35	0,773	EQZ-0.24g-B	LinRespSpec	Max		0,0002205	0,0001334	0,0001283	1,139E-07	0,0001039	7759,1488
35	1,16	EQZ-0.24g-B	LinRespSpec	Max		0,0002205	0,0001334	0,0001283	1,139E-07	0,0001427	7759,1488
35	0	SEISMOSX-0.24g	Combination	Max		0,00008945	5,589E-05	0,00009392	8,876E-08	2356,4306	2327,7446
35	0,387	SEISMOSX-0.24g	Combination	Max		0,00008945	5,589E-05	0,00009392	8,876E-08	2356,4306	2327,7446
35	0,773	SEISMOSX-0.24g	Combination	Max		0,00008945	5,589E-05	0,00009392	8,876E-08	2356,4306	2327,7446
35	1,16	SEISMOSX-0.24g	Combination	Max		0,00008945	5,589E-05	0,00009392	8,876E-08	2356,4306	2327,7446
35	0	SEISMOSX-0.24g	Combination	Min		-0,00008945	-5,589E-05	-0,00009392	-8,876E-08	-2356,4306	-2327,7446
35	0,387	SEISMOSX-0.24g	Combination	Min		-0,00008945	-5,589E-05	-0,00009392	-8,876E-08	-2356,4306	-2327,7446
35	0,773	SEISMOSX-0.24g	Combination	Min		-0,00008945	-5,589E-05	-0,00009392	-8,876E-08	-2356,4306	-2327,7446
35	1,16	SEISMOSX-0.24g	Combination	Min		-0,00008945	-5,589E-05	-0,00009392	-8,876E-08	-2356,4306	-2327,7446
35	0	SEISMOSY-0.24g	Combination	Max		0,00009935	7,744E-05	0,0001229	1,068E-07	7854,7685	2327,7446
35	0,387	SEISMOSY-0.24g	Combination	Max		0,00009935	7,744E-05	0,0001229	1,068E-07	7854,7685	2327,7446
35	0,773	SEISMOSY-0.24g	Combination	Max		0,00009935	7,744E-05	0,0001229	1,068E-07	7854,7685	2327,7447
35	1,16	SEISMOSY-0.24g	Combination	Max		0,00009935	7,744E-05	0,0001229	1,068E-07	7854,7685	2327,7447
35	0	SEISMOSY-0.24g	Combination	Min		-0,00009935	-7,744E-05	-0,0001229	-1,068E-07	-7854,7685	-2327,7446
35	0,387	SEISMOSY-0.24g	Combination	Min		-0,00009935	-7,744E-05	-0,0001229	-1,068E-07	-7854,7685	-2327,7446
35	0,773	SEISMOSY-0.24g	Combination	Min		-0,00009935	-7,744E-05	-0,0001229	-1,068E-07	-7854,7685	-2327,7447
35	1,16	SEISMOSY-0.24g	Combination	Min		-0,00009935	-7,744E-05	-0,0001229	-1,068E-07	-7854,7685	-2327,7447
35	0	SEISMOSZ-0.24g	Combination	Max		0,0002335	0,0001457	0,0001606	1,433E-07	2356,4306	7759,1488
35	0,387	SEISMOSZ-0.24g	Combination	Max		0,0002335	0,0001457	0,0001606	1,433E-07	2356,4306	7759,1488
35	0,773	SEISMOSZ-0.24g	Combination	Max		0,0002335	0,0001457	0,0001606	1,433E-07	2356,4307	7759,1488
35	1,16	SEISMOSZ-0.24g	Combination	Max		0,0002335	0,0001457	0,0001606	1,433E-07	2356,4307	7759,1488
35	0	SEISMOSZ-0.24g	Combination	Min		-0,0002335	-0,0001457	-0,0001606	-1,433E-07	-2356,4306	-7759,1488

35	0,387	SEISMOSZ-0.24g	Combination	Min		-0,0002335	-0,0001457	-0,0001606	-1,433E-07	-2356,4306	-7759,1488
35	0,773	SEISMOSZ-0.24g	Combination	Min		-0,0002335	-0,0001457	-0,0001606	-1,433E-07	-2356,4307	-7759,1488
35	1,16	SEISMOSZ-0.24g	Combination	Min		-0,0002335	-0,0001457	-0,0001606	-1,433E-07	-2356,4307	-7759,1488
36	0	G	LinStatic			0	0	0	0	0	0
36	0,387	G	LinStatic			0	0	0	0	0	0
36	0,773	G	LinStatic			0	0	0	0	0	0
36	1,16	G	LinStatic			0	0	0	0	0	0
36	0	G1	LinStatic			0	0	0	0	0	0
36	0,387	G1	LinStatic			0	0	0	0	0	0
36	0,773	G1	LinStatic			0	0	0	0	0	0
36	1,16	G1	LinStatic			0	0	0	0	0	0
36	0	G21	LinStatic			0	35,345	0	0	0	2296,0242
36	0,387	G21	LinStatic			0	58,909	0	0	0	2277,8018
36	0,773	G21	LinStatic			0	82,472	0	0	0	2250,4682
36	1,16	G21	LinStatic			0	106,036	0	0	0	2214,0233
36	0	Q	LinStatic			0	50,367	0	0	0	3271,8533
36	0,387	Q	LinStatic			0	83,945	0	0	0	3245,8862
36	0,773	Q	LinStatic			0	117,523	0	0	0	3206,9356
36	1,16	Q	LinStatic			0	151,102	0	0	0	3155,0014
36	0	TEMP	LinStatic			-1172,394	0	0	0	0	0
36	0,387	TEMP	LinStatic			-1172,394	0	0	0	0	0
36	0,773	TEMP	LinStatic			-1172,394	0	0	0	0	0
36	1,16	TEMP	LinStatic			-1172,394	0	0	0	0	0
36	0	EQX-0.24g-B	LinRespSpec	Max		331,119	1,142E-05	3,603E-08	3,603E-08	0,00002767	0,000003382
36	0,387	EQX-0.24g-B	LinRespSpec	Max		331,119	1,142E-05	3,603E-08	3,603E-08	0,00002766	0,000001032
36	0,773	EQX-0.24g-B	LinRespSpec	Max		331,119	1,142E-05	3,603E-08	3,603E-08	0,00002765	0,000005447
36	1,16	EQX-0.24g-B	LinRespSpec	Max		331,119	1,142E-05	3,603E-08	3,603E-08	0,00002763	0,000009861
36	0	EQY-0.24g-B	LinRespSpec	Max		0,00006097	6,374E-05	282,712	6,18E-08	7854,7685	0,00003341
36	0,387	EQY-0.24g-B	LinRespSpec	Max		0,00006097	6,374E-05	282,712	6,18E-08	7745,9039	0,000009407
36	0,773	EQY-0.24g-B	LinRespSpec	Max		0,00006097	6,374E-05	282,712	6,18E-08	7637,0522	0,00001661
36	1,16	EQY-0.24g-B	LinRespSpec	Max		0,00006097	6,374E-05	282,712	6,18E-08	7528,2138	0,00004096
36	0	EQZ-0.24g-B	LinRespSpec	Max		0,00009705	303,926	0,0002738	1,139E-07	0,0001427	7759,1488
36	0,387	EQZ-0.24g-B	LinRespSpec	Max		0,00009705	303,926	0,0002738	1,139E-07	0,00007721	7645,5576
36	0,773	EQZ-0.24g-B	LinRespSpec	Max		0,00009705	303,926	0,0002738	1,139E-07	0,0001181	7532,0868

36	1,16	EQZ-0.24g-B	LinRespSpec	Max		0,00009705	303,926	0,0002738	1,139E-07	0,0002106	7418,7421
36	0	SEISMOSX-0.24g	Combination	Max		331,119	91,178	84,814	8,876E-08	2356,4306	2327,7446
36	0,387	SEISMOSX-0.24g	Combination	Max		331,119	91,178	84,814	8,876E-08	2323,7712	2293,6673
36	0,773	SEISMOSX-0.24g	Combination	Max		331,119	91,178	84,814	8,876E-08	2291,1157	2259,6261
36	1,16	SEISMOSX-0.24g	Combination	Max		331,119	91,178	84,814	8,876E-08	2258,4642	2225,6227
36	0	SEISMOSX-0.24g	Combination	Min		-331,119	-91,178	-84,814	-8,876E-08	-2356,4306	-2327,7446
36	0,387	SEISMOSX-0.24g	Combination	Min		-331,119	-91,178	-84,814	-8,876E-08	-2323,7712	-2293,6673
36	0,773	SEISMOSX-0.24g	Combination	Min		-331,119	-91,178	-84,814	-8,876E-08	-2291,1157	-2259,6261
36	1,16	SEISMOSX-0.24g	Combination	Min		-331,119	-91,178	-84,814	-8,876E-08	-2258,4642	-2225,6227
36	0	SEISMOSY-0.24g	Combination	Max		99,336	91,178	282,712	1,068E-07	7854,7685	2327,7447
36	0,387	SEISMOSY-0.24g	Combination	Max		99,336	91,178	282,712	1,068E-07	7745,9039	2293,6673
36	0,773	SEISMOSY-0.24g	Combination	Max		99,336	91,178	282,712	1,068E-07	7637,0522	2259,6261
36	1,16	SEISMOSY-0.24g	Combination	Max		99,336	91,178	282,712	1,068E-07	7528,2139	2225,6227
36	0	SEISMOSY-0.24g	Combination	Min		-99,336	-91,178	-282,712	-1,068E-07	-7854,7685	-2327,7447
36	0,387	SEISMOSY-0.24g	Combination	Min		-99,336	-91,178	-282,712	-1,068E-07	-7745,9039	-2293,6673
36	0,773	SEISMOSY-0.24g	Combination	Min		-99,336	-91,178	-282,712	-1,068E-07	-7637,0522	-2259,6261
36	1,16	SEISMOSY-0.24g	Combination	Min		-99,336	-91,178	-282,712	-1,068E-07	-7528,2139	-2225,6227
36	0	SEISMOSZ-0.24g	Combination	Max		99,336	303,926	84,814	1,433E-07	2356,4307	7759,1488
36	0,387	SEISMOSZ-0.24g	Combination	Max		99,336	303,926	84,814	1,433E-07	2323,7713	7645,5576
36	0,773	SEISMOSZ-0.24g	Combination	Max		99,336	303,926	84,814	1,433E-07	2291,1158	7532,0868
36	1,16	SEISMOSZ-0.24g	Combination	Max		99,336	303,926	84,814	1,433E-07	2258,4644	7418,7422
36	0	SEISMOSZ-0.24g	Combination	Min		-99,336	-303,926	-84,814	-1,433E-07	-2356,4307	-7759,1488
36	0,387	SEISMOSZ-0.24g	Combination	Min		-99,336	-303,926	-84,814	-1,433E-07	-2323,7713	-7645,5576
36	0,773	SEISMOSZ-0.24g	Combination	Min		-99,336	-303,926	-84,814	-1,433E-07	-2291,1158	-7532,0868
36	1,16	SEISMOSZ-0.24g	Combination	Min		-99,336	-303,926	-84,814	-1,433E-07	-2258,4644	-7418,7422
37	0	G	LinStatic			0	0	0	0	0	0
37	0,387	G	LinStatic			0	0	0	0	0	0
37	0,773	G	LinStatic			0	0	0	0	0	0
37	1,16	G	LinStatic			0	0	0	0	0	0
37	0	G1	LinStatic			0	0	0	0	0	0
37	0,387	G1	LinStatic			0	0	0	0	0	0
37	0,773	G1	LinStatic			0	0	0	0	0	0
37	1,16	G1	LinStatic			0	0	0	0	0	0
37	0	G21	LinStatic			0	106,036	0	0	0	2214,0233



37	0,387	G21	LinStatic			0	129,599	0	0	0	2168,4673
37	0,773	G21	LinStatic			0	153,163	0	0	0	2113,8
37	1,16	G21	LinStatic			0	176,726	0	0	0	2050,0216
37	0	Q	LinStatic			0	151,102	0	0	0	3155,0014
37	0,387	Q	LinStatic			0	184,68	0	0	0	3090,0837
37	0,773	Q	LinStatic			0	218,258	0	0	0	3012,1824
37	1,16	Q	LinStatic			0	251,836	0	0	0	2921,2976
37	0	TEMP	LinStatic			-1172,394	0	0	0	0	0
37	0,387	TEMP	LinStatic			-1172,394	0	0	0	0	0
37	0,773	TEMP	LinStatic			-1172,394	0	0	0	0	0
37	1,16	TEMP	LinStatic			-1172,394	0	0	0	0	0
37	0	EQX-0.24g-B	LinRespSpec	Max		662,179	1,692E-05	0,00003883	3,603E-08	0,00002763	0,000009861
37	0,387	EQX-0.24g-B	LinRespSpec	Max		662,179	1,692E-05	0,00003883	3,603E-08	0,00001262	0,000003318
37	0,773	EQX-0.24g-B	LinRespSpec	Max		662,179	1,692E-05	0,00003883	3,603E-08	0,000002397	0,000003224
37	1,16	EQX-0.24g-B	LinRespSpec	Max		662,179	1,692E-05	0,00003883	3,603E-08	0,00001741	0,000009767
37	0	EQY-0.24g-B	LinRespSpec	Max		0,00006844	5,866E-05	556,924	6,18E-08	7528,2138	0,00004096
37	0,387	EQY-0.24g-B	LinRespSpec	Max		0,00006844	5,866E-05	556,924	6,18E-08	7313,6349	0,00001849
37	0,773	EQY-0.24g-B	LinRespSpec	Max		0,00006844	5,866E-05	556,924	6,18E-08	7099,1022	0,000005907
37	1,16	EQY-0.24g-B	LinRespSpec	Max		0,00006844	5,866E-05	556,924	6,18E-08	6884,6202	0,00002751
37	0	EQZ-0.24g-B	LinRespSpec	Max		0,0001506	582,959	0,0001202	1,139E-07	0,0002106	7418,7421
37	0,387	EQZ-0.24g-B	LinRespSpec	Max		0,0001506	582,959	0,0001202	1,139E-07	0,0001689	7197,3702
37	0,773	EQZ-0.24g-B	LinRespSpec	Max		0,0001506	582,959	0,0001202	1,139E-07	0,0001305	6976,257
37	1,16	EQZ-0.24g-B	LinRespSpec	Max		0,0001506	582,959	0,0001202	1,139E-07	0,00009925	6755,4278
37	0	SEISMOSX-0.24g	Combination	Max		662,179	174,888	167,077	8,876E-08	2258,4642	2225,6227
37	0,387	SEISMOSX-0.24g	Combination	Max		662,179	174,888	167,077	8,876E-08	2194,0905	2159,2111
37	0,773	SEISMOSX-0.24g	Combination	Max		662,179	174,888	167,077	8,876E-08	2129,7307	2092,8771
37	1,16	SEISMOSX-0.24g	Combination	Max		662,179	174,888	167,077	8,876E-08	2065,3861	2026,6284
37	0	SEISMOSX-0.24g	Combination	Min		-662,179	-174,888	-167,077	-8,876E-08	-2258,4642	-2225,6227
37	0,387	SEISMOSX-0.24g	Combination	Min		-662,179	-174,888	-167,077	-8,876E-08	-2194,0905	-2159,2111
37	0,773	SEISMOSX-0.24g	Combination	Min		-662,179	-174,888	-167,077	-8,876E-08	-2129,7307	-2092,8771
37	1,16	SEISMOSX-0.24g	Combination	Min		-662,179	-174,888	-167,077	-8,876E-08	-2065,3861	-2026,6284
37	0	SEISMOSY-0.24g	Combination	Max		198,654	174,888	556,924	1,068E-07	7528,2139	2225,6227
37	0,387	SEISMOSY-0.24g	Combination	Max		198,654	174,888	556,924	1,068E-07	7313,6349	2159,2111
37	0,773	SEISMOSY-0.24g	Combination	Max		198,654	174,888	556,924	1,068E-07	7099,1023	2092,8771

37	1,16	SEISMOSY-0.24g	Combination	Max		198,654	174,888	556,924	1,068E-07	6884,6203	2026,6284
37	0	SEISMOSY-0.24g	Combination	Min		-198,654	-174,888	-556,924	-1,068E-07	-7528,2139	-2225,6227
37	0,387	SEISMOSY-0.24g	Combination	Min		-198,654	-174,888	-556,924	-1,068E-07	-7313,6349	-2159,2111
37	0,773	SEISMOSY-0.24g	Combination	Min		-198,654	-174,888	-556,924	-1,068E-07	-7099,1023	-2092,8771
37	1,16	SEISMOSY-0.24g	Combination	Min		-198,654	-174,888	-556,924	-1,068E-07	-6884,6203	-2026,6284
37	0	SEISMOSZ-0.24g	Combination	Max		198,654	582,959	167,077	1,433E-07	2258,4644	7418,7422
37	0,387	SEISMOSZ-0.24g	Combination	Max		198,654	582,959	167,077	1,433E-07	2194,0906	7197,3702
37	0,773	SEISMOSZ-0.24g	Combination	Max		198,654	582,959	167,077	1,433E-07	2129,7308	6976,257
37	1,16	SEISMOSZ-0.24g	Combination	Max		198,654	582,959	167,077	1,433E-07	2065,3862	6755,4278
37	0	SEISMOSZ-0.24g	Combination	Min		-198,654	-582,959	-167,077	-1,433E-07	-2258,4644	-7418,7422
37	0,387	SEISMOSZ-0.24g	Combination	Min		-198,654	-582,959	-167,077	-1,433E-07	-2194,0906	-7197,3702
37	0,773	SEISMOSZ-0.24g	Combination	Min		-198,654	-582,959	-167,077	-1,433E-07	-2129,7308	-6976,257
37	1,16	SEISMOSZ-0.24g	Combination	Min		-198,654	-582,959	-167,077	-1,433E-07	-2065,3862	-6755,4278
38	0	G	LinStatic			0	0	0	0	0	0
38	0,387	G	LinStatic			0	0	0	0	0	0
38	0,773	G	LinStatic			0	0	0	0	0	0
38	1,16	G	LinStatic			0	0	0	0	0	0
38	0	G1	LinStatic			0	0	0	0	0	0
38	0,387	G1	LinStatic			0	0	0	0	0	0
38	0,773	G1	LinStatic			0	0	0	0	0	0
38	1,16	G1	LinStatic			0	0	0	0	0	0
38	0	G21	LinStatic			0	176,726	0	0	0	2050,0216
38	0,387	G21	LinStatic			0	200,289	0	0	0	1977,1319
38	0,773	G21	LinStatic			0	223,853	0	0	0	1895,1311
38	1,16	G21	LinStatic			0	247,416	0	0	0	1804,019
38	0	Q	LinStatic			0	251,836	0	0	0	2921,2976
38	0,387	Q	LinStatic			0	285,414	0	0	0	2817,4292
38	0,773	Q	LinStatic			0	318,992	0	0	0	2700,5773
38	1,16	Q	LinStatic			0	352,57	0	0	0	2570,7419
38	0	TEMP	LinStatic			-1172,394	0	0	0	0	0
38	0,387	TEMP	LinStatic			-1172,394	0	0	0	0	0
38	0,773	TEMP	LinStatic			-1172,394	0	0	0	0	0
38	1,16	TEMP	LinStatic			-1172,394	0	0	0	0	0
38	0	EQX-0.24g-B	LinRespSpec	Max		993,124	1,399E-05	0,00001001	3,603E-08	0,00001741	0,000009767

38	0,387	EQX-0.24g-B	LinRespSpec	Max		993,124	1,399E-05	0,00001001	3,603E-08	0,00002128	0,000004356
38	0,773	EQX-0.24g-B	LinRespSpec	Max		993,124	1,399E-05	0,00001001	3,603E-08	0,00002515	0,000001055
38	1,16	EQX-0.24g-B	LinRespSpec	Max		993,124	1,399E-05	0,00001001	3,603E-08	0,00002902	0,000006466
38	0	EQY-0.24g-B	LinRespSpec	Max		0,00005045	2,803E-05	814,76	6,18E-08	6884,6202	0,00002751
38	0,387	EQY-0.24g-B	LinRespSpec	Max		0,00005045	2,803E-05	814,76	6,18E-08	6570,4517	0,00001693
38	0,773	EQY-0.24g-B	LinRespSpec	Max		0,00005045	2,803E-05	814,76	6,18E-08	6256,3708	0,000007175
38	1,16	EQY-0.24g-B	LinRespSpec	Max		0,00005045	2,803E-05	814,76	6,18E-08	5942,3916	0,000007149
38	0	EQZ-0.24g-B	LinRespSpec	Max		0,0001399	831,569	0,0002037	1,139E-07	0,00009925	6755,4278
38	0,387	EQZ-0.24g-B	LinRespSpec	Max		0,0001399	831,569	0,0002037	1,139E-07	0,00004503	6436,2699
38	0,773	EQZ-0.24g-B	LinRespSpec	Max		0,0001399	831,569	0,0002037	1,139E-07	0,00008132	6117,3615
38	1,16	EQZ-0.24g-B	LinRespSpec	Max		0,0001399	831,569	0,0002037	1,139E-07	0,0001536	5798,7437
38	0	SEISMOSX-0.24g	Combination	Max		993,124	249,471	244,428	8,876E-08	2065,3861	2026,6284
38	0,387	SEISMOSX-0.24g	Combination	Max		993,124	249,471	244,428	8,876E-08	1971,1355	1930,881
38	0,773	SEISMOSX-0.24g	Combination	Max		993,124	249,471	244,428	8,876E-08	1876,9113	1835,2084
38	1,16	SEISMOSX-0.24g	Combination	Max		993,124	249,471	244,428	8,876E-08	1782,7175	1739,6231
38	0	SEISMOSX-0.24g	Combination	Min		-993,124	-249,471	-244,428	-8,876E-08	-2065,3861	-2026,6284
38	0,387	SEISMOSX-0.24g	Combination	Min		-993,124	-249,471	-244,428	-8,876E-08	-1971,1355	-1930,881
38	0,773	SEISMOSX-0.24g	Combination	Min		-993,124	-249,471	-244,428	-8,876E-08	-1876,9113	-1835,2084
38	1,16	SEISMOSX-0.24g	Combination	Min		-993,124	-249,471	-244,428	-8,876E-08	-1782,7175	-1739,6231
38	0	SEISMOSY-0.24g	Combination	Max		297,937	249,471	814,76	1,068E-07	6884,6203	2026,6284
38	0,387	SEISMOSY-0.24g	Combination	Max		297,937	249,471	814,76	1,068E-07	6570,4517	1930,881
38	0,773	SEISMOSY-0.24g	Combination	Max		297,937	249,471	814,76	1,068E-07	6256,3708	1835,2084
38	1,16	SEISMOSY-0.24g	Combination	Max		297,937	249,471	814,76	1,068E-07	5942,3916	1739,6231
38	0	SEISMOSY-0.24g	Combination	Min		-297,937	-249,471	-814,76	-1,068E-07	-6884,6203	-2026,6284
38	0,387	SEISMOSY-0.24g	Combination	Min		-297,937	-249,471	-814,76	-1,068E-07	-6570,4517	-1930,881
38	0,773	SEISMOSY-0.24g	Combination	Min		-297,937	-249,471	-814,76	-1,068E-07	-6256,3708	-1835,2084
38	1,16	SEISMOSY-0.24g	Combination	Min		-297,937	-249,471	-814,76	-1,068E-07	-5942,3916	-1739,6231
38	0	SEISMOSZ-0.24g	Combination	Max		297,937	831,569	244,428	1,433E-07	2065,3862	6755,4278
38	0,387	SEISMOSZ-0.24g	Combination	Max		297,937	831,569	244,428	1,433E-07	1971,1355	6436,2699
38	0,773	SEISMOSZ-0.24g	Combination	Max		297,937	831,569	244,428	1,433E-07	1876,9113	6117,3615
38	1,16	SEISMOSZ-0.24g	Combination	Max		297,937	831,569	244,428	1,433E-07	1782,7176	5798,7437
38	0	SEISMOSZ-0.24g	Combination	Min		-297,937	-831,569	-244,428	-1,433E-07	-2065,3862	-6755,4278
38	0,387	SEISMOSZ-0.24g	Combination	Min		-297,937	-831,569	-244,428	-1,433E-07	-1971,1355	-6436,2699
38	0,773	SEISMOSZ-0.24g	Combination	Min		-297,937	-831,569	-244,428	-1,433E-07	-1876,9113	-6117,3615

38	1,16	SEISMOSZ-0.24g	Combination	Min		-297,937	-831,569	-244,428	-1,433E-07	-1782,7176	-5798,7437
39	0	G	LinStatic			0	0	0	0	0	0
39	0,387	G	LinStatic			0	0	0	0	0	0
39	0,773	G	LinStatic			0	0	0	0	0	0
39	1,16	G	LinStatic			0	0	0	0	0	0
39	0	G1	LinStatic			0	0	0	0	0	0
39	0,387	G1	LinStatic			0	0	0	0	0	0
39	0,773	G1	LinStatic			0	0	0	0	0	0
39	1,16	G1	LinStatic			0	0	0	0	0	0
39	0	G21	LinStatic			0	247,416	0	0	0	1804,019
39	0,387	G21	LinStatic			0	270,98	0	0	0	1703,7957
39	0,773	G21	LinStatic			0	294,543	0	0	0	1594,4612
39	1,16	G21	LinStatic			0	318,107	0	0	0	1476,0156
39	0	Q	LinStatic			0	352,57	0	0	0	2570,7419
39	0,387	Q	LinStatic			0	386,149	0	0	0	2427,9229
39	0,773	Q	LinStatic			0	419,727	0	0	0	2272,1204
39	1,16	Q	LinStatic			0	453,305	0	0	0	2103,3343
39	0	TEMP	LinStatic			-1172,394	0	0	0	0	0
39	0,387	TEMP	LinStatic			-1172,394	0	0	0	0	0
39	0,773	TEMP	LinStatic			-1172,394	0	0	0	0	0
39	1,16	TEMP	LinStatic			-1172,394	0	0	0	0	0
39	0	EQX-0.24g-B	LinRespSpec	Max		1323,894	4,957E-06	0,00002788	3,603E-08	0,00002902	0,000006466
39	0,387	EQX-0.24g-B	LinRespSpec	Max		1323,894	4,957E-06	0,00002788	3,603E-08	0,00001824	0,00000455
39	0,773	EQX-0.24g-B	LinRespSpec	Max		1323,894	4,957E-06	0,00002788	3,603E-08	0,000007456	0,000002633
39	1,16	EQX-0.24g-B	LinRespSpec	Max		1323,894	4,957E-06	0,00002788	3,603E-08	0,000003325	7,161E-07
39	0	EQY-0.24g-B	LinRespSpec	Max		0,00003338	0,0000116	1049,5	6,18E-08	5942,3916	0,000007149
39	0,387	EQY-0.24g-B	LinRespSpec	Max		0,00003338	0,0000116	1049,5	6,18E-08	5537,3476	0,000008537
39	0,773	EQY-0.24g-B	LinRespSpec	Max		0,00003338	0,0000116	1049,5	6,18E-08	5132,4241	0,00001161
39	1,16	EQY-0.24g-B	LinRespSpec	Max		0,00003338	0,0000116	1049,5	6,18E-08	4727,6521	0,0000154
39	0	EQZ-0.24g-B	LinRespSpec	Max		0,00008657	1047,467	0,00005542	1,139E-07	0,0001536	5798,7437
39	0,387	EQZ-0.24g-B	LinRespSpec	Max		0,00008657	1047,467	0,00005542	1,139E-07	0,0001342	5395,3563
39	0,773	EQZ-0.24g-B	LinRespSpec	Max		0,00008657	1047,467	0,00005542	1,139E-07	0,0001155	4992,2333
39	1,16	EQZ-0.24g-B	LinRespSpec	Max		0,00008657	1047,467	0,00005542	1,139E-07	0,00009787	4589,4445
39	0	SEISMOSX-0.24g	Combination	Max		1323,894	314,24	314,85	8,876E-08	1782,7175	1739,6231

39	0,387	SEISMOSX-0.24g	Combination	Max		1323,894	314,24	314,85	8,876E-08	1661,2043	1618,6069
39	0,773	SEISMOSX-0.24g	Combination	Max		1323,894	314,24	314,85	8,876E-08	1539,7273	1497,67
39	1,16	SEISMOSX-0.24g	Combination	Max		1323,894	314,24	314,85	8,876E-08	1418,2957	1376,8334
39	0	SEISMOSX-0.24g	Combination	Min		-1323,894	-314,24	-314,85	-8,876E-08	-1782,7175	-1739,6231
39	0,387	SEISMOSX-0.24g	Combination	Min		-1323,894	-314,24	-314,85	-8,876E-08	-1661,2043	-1618,6069
39	0,773	SEISMOSX-0.24g	Combination	Min		-1323,894	-314,24	-314,85	-8,876E-08	-1539,7273	-1497,67
39	1,16	SEISMOSX-0.24g	Combination	Min		-1323,894	-314,24	-314,85	-8,876E-08	-1418,2957	-1376,8334
39	0	SEISMOSY-0.24g	Combination	Max		397,168	314,24	1049,5	1,068E-07	5942,3916	1739,6231
39	0,387	SEISMOSY-0.24g	Combination	Max		397,168	314,24	1049,5	1,068E-07	5537,3476	1618,6069
39	0,773	SEISMOSY-0.24g	Combination	Max		397,168	314,24	1049,5	1,068E-07	5132,4241	1497,67
39	1,16	SEISMOSY-0.24g	Combination	Max		397,168	314,24	1049,5	1,068E-07	4727,6521	1376,8334
39	0	SEISMOSY-0.24g	Combination	Min		-397,168	-314,24	-1049,5	-1,068E-07	-5942,3916	-1739,6231
39	0,387	SEISMOSY-0.24g	Combination	Min		-397,168	-314,24	-1049,5	-1,068E-07	-5537,3476	-1618,6069
39	0,773	SEISMOSY-0.24g	Combination	Min		-397,168	-314,24	-1049,5	-1,068E-07	-5132,4241	-1497,67
39	1,16	SEISMOSY-0.24g	Combination	Min		-397,168	-314,24	-1049,5	-1,068E-07	-4727,6521	-1376,8334
39	0	SEISMOSZ-0.24g	Combination	Max		397,168	1047,467	314,85	1,433E-07	1782,7176	5798,7437
39	0,387	SEISMOSZ-0.24g	Combination	Max		397,168	1047,467	314,85	1,433E-07	1661,2044	5395,3563
39	0,773	SEISMOSZ-0.24g	Combination	Max		397,168	1047,467	314,85	1,433E-07	1539,7273	4992,2333
39	1,16	SEISMOSZ-0.24g	Combination	Max		397,168	1047,467	314,85	1,433E-07	1418,2957	4589,4445
39	0	SEISMOSZ-0.24g	Combination	Min		-397,168	-1047,467	-314,85	-1,433E-07	-1782,7176	-5798,7437
39	0,387	SEISMOSZ-0.24g	Combination	Min		-397,168	-1047,467	-314,85	-1,433E-07	-1661,2044	-5395,3563
39	0,773	SEISMOSZ-0.24g	Combination	Min		-397,168	-1047,467	-314,85	-1,433E-07	-1539,7273	-4992,2333
39	1,16	SEISMOSZ-0.24g	Combination	Min		-397,168	-1047,467	-314,85	-1,433E-07	-1418,2957	-4589,4445
40	0	G	LinStatic			0	0	0	0	0	0
40	0,387	G	LinStatic			0	0	0	0	0	0
40	0,773	G	LinStatic			0	0	0	0	0	0
40	1,16	G	LinStatic			0	0	0	0	0	0
40	0	G1	LinStatic			0	0	0	0	0	0
40	0,387	G1	LinStatic			0	0	0	0	0	0
40	0,773	G1	LinStatic			0	0	0	0	0	0
40	1,16	G1	LinStatic			0	0	0	0	0	0
40	0	G21	LinStatic			0	318,107	0	0	0	1476,0156
40	0,387	G21	LinStatic			0	341,67	0	0	0	1348,4587
40	0,773	G21	LinStatic			0	365,234	0	0	0	1211,7905

40	1,16	G21	LinStatic			0	388,797	0	0	0	1066,0112
40	0	Q	LinStatic			0	453,305	0	0	0	2103,3343
40	0,387	Q	LinStatic			0	486,883	0	0	0	1921,5646
40	0,773	Q	LinStatic			0	520,461	0	0	0	1726,8115
40	1,16	Q	LinStatic			0	554,039	0	0	0	1519,0748
40	0	TEMP	LinStatic			-1172,394	0	0	0	0	0
40	0,387	TEMP	LinStatic			-1172,394	0	0	0	0	0
40	0,773	TEMP	LinStatic			-1172,394	0	0	0	0	0
40	1,16	TEMP	LinStatic			-1172,394	0	0	0	0	0
40	0	EQX-0.24g-B	LinRespSpec	Max		1654,433	8,658E-06	0,00001526	3,603E-08	0,000003325	7,161E-07
40	0,387	EQX-0.24g-B	LinRespSpec	Max		1654,433	8,658E-06	0,00001526	3,603E-08	0,000009225	0,000002632
40	0,773	EQX-0.24g-B	LinRespSpec	Max		1654,433	8,658E-06	0,00001526	3,603E-08	0,00001513	0,00000598
40	1,16	EQX-0.24g-B	LinRespSpec	Max		1654,433	8,658E-06	0,00001526	3,603E-08	0,00002103	0,000009328
40	0	EQY-0.24g-B	LinRespSpec	Max		0,00002069	3,307E-05	1255,944	6,18E-08	4727,6521	0,0000154
40	0,387	EQY-0.24g-B	LinRespSpec	Max		0,00002069	3,307E-05	1255,944	6,18E-08	4242,5183	0,00000398
40	0,773	EQY-0.24g-B	LinRespSpec	Max		0,00002069	3,307E-05	1255,944	6,18E-08	3757,5131	0,00001103
40	1,16	EQY-0.24g-B	LinRespSpec	Max		0,00002069	3,307E-05	1255,944	6,18E-08	3272,6937	0,00002355
40	0	EQZ-0.24g-B	LinRespSpec	Max		0,00007991	1218,978	0,0001878	1,139E-07	0,00009787	4589,4445
40	0,387	EQZ-0.24g-B	LinRespSpec	Max		0,00007991	1218,978	0,0001878	1,139E-07	0,00003339	4119,2044
40	0,773	EQZ-0.24g-B	LinRespSpec	Max		0,00007991	1218,978	0,0001878	1,139E-07	0,00005651	3649,2477
40	1,16	EQZ-0.24g-B	LinRespSpec	Max		0,00007991	1218,978	0,0001878	1,139E-07	0,0001258	3179,7001
40	0	SEISMOSX-0.24g	Combination	Max		1654,433	365,693	376,783	8,876E-08	1418,2957	1376,8334
40	0,387	SEISMOSX-0.24g	Combination	Max		1654,433	365,693	376,783	8,876E-08	1272,7555	1235,7613
40	0,773	SEISMOSX-0.24g	Combination	Max		1654,433	365,693	376,783	8,876E-08	1127,254	1094,7743
40	1,16	SEISMOSX-0.24g	Combination	Max		1654,433	365,693	376,783	8,876E-08	981,8082	953,91
40	0	SEISMOSX-0.24g	Combination	Min		-1654,433	-365,693	-376,783	-8,876E-08	-1418,2957	-1376,8334
40	0,387	SEISMOSX-0.24g	Combination	Min		-1654,433	-365,693	-376,783	-8,876E-08	-1272,7555	-1235,7613
40	0,773	SEISMOSX-0.24g	Combination	Min		-1654,433	-365,693	-376,783	-8,876E-08	-1127,254	-1094,7743
40	1,16	SEISMOSX-0.24g	Combination	Min		-1654,433	-365,693	-376,783	-8,876E-08	-981,8082	-953,91
40	0	SEISMOSY-0.24g	Combination	Max		496,33	365,693	1255,944	1,068E-07	4727,6521	1376,8334
40	0,387	SEISMOSY-0.24g	Combination	Max		496,33	365,693	1255,944	1,068E-07	4242,5183	1235,7613
40	0,773	SEISMOSY-0.24g	Combination	Max		496,33	365,693	1255,944	1,068E-07	3757,5131	1094,7743
40	1,16	SEISMOSY-0.24g	Combination	Max		496,33	365,693	1255,944	1,068E-07	3272,6938	953,91
40	0	SEISMOSY-0.24g	Combination	Min		-496,33	-365,693	-1255,944	-1,068E-07	-4727,6521	-1376,8334

40	0,387	SEISMOSY-0.24g	Combination	Min		-496,33	-365,693	-1255,944	-1,068E-07	-4242,5183	-1235,7613
40	0,773	SEISMOSY-0.24g	Combination	Min		-496,33	-365,693	-1255,944	-1,068E-07	-3757,5131	-1094,7743
40	1,16	SEISMOSY-0.24g	Combination	Min		-496,33	-365,693	-1255,944	-1,068E-07	-3272,6938	-953,91
40	0	SEISMOSZ-0.24g	Combination	Max		496,33	1218,978	376,783	1,433E-07	1418,2957	4589,4445
40	0,387	SEISMOSZ-0.24g	Combination	Max		496,33	1218,978	376,783	1,433E-07	1272,7555	4119,2044
40	0,773	SEISMOSZ-0.24g	Combination	Max		496,33	1218,978	376,783	1,433E-07	1127,254	3649,2478
40	1,16	SEISMOSZ-0.24g	Combination	Max		496,33	1218,978	376,783	1,433E-07	981,8083	3179,7001
40	0	SEISMOSZ-0.24g	Combination	Min		-496,33	-1218,978	-376,783	-1,433E-07	-1418,2957	-4589,4445
40	0,387	SEISMOSZ-0.24g	Combination	Min		-496,33	-1218,978	-376,783	-1,433E-07	-1272,7555	-4119,2044
40	0,773	SEISMOSZ-0.24g	Combination	Min		-496,33	-1218,978	-376,783	-1,433E-07	-1127,254	-3649,2478
40	1,16	SEISMOSZ-0.24g	Combination	Min		-496,33	-1218,978	-376,783	-1,433E-07	-981,8083	-3179,7001
41	0	G	LinStatic			0	0	0	0	0	0
41	0,387	G	LinStatic			0	0	0	0	0	0
41	0,773	G	LinStatic			0	0	0	0	0	0
41	1,16	G	LinStatic			0	0	0	0	0	0
41	0	G1	LinStatic			0	0	0	0	0	0
41	0,387	G1	LinStatic			0	0	0	0	0	0
41	0,773	G1	LinStatic			0	0	0	0	0	0
41	1,16	G1	LinStatic			0	0	0	0	0	0
41	0	G21	LinStatic			0	388,797	0	0	0	1066,0112
41	0,387	G21	LinStatic			0	412,361	0	0	0	911,1207
41	0,773	G21	LinStatic			0	435,924	0	0	0	747,119
41	1,16	G21	LinStatic			0	459,488	0	0	0	574,006
41	0	Q	LinStatic			0	554,039	0	0	0	1519,0748
41	0,387	Q	LinStatic			0	587,617	0	0	0	1298,3545
41	0,773	Q	LinStatic			0	621,195	0	0	0	1064,6507
41	1,16	Q	LinStatic			0	654,774	0	0	0	817,9633
41	0	TEMP	LinStatic			-1172,394	0	0	0	0	0
41	0,387	TEMP	LinStatic			-1172,394	0	0	0	0	0
41	0,773	TEMP	LinStatic			-1172,394	0	0	0	0	0
41	1,16	TEMP	LinStatic			-1172,394	0	0	0	0	0
41	0	EQX-0.24g-B	LinRespSpec	Max		1984,681	1,747E-05	0,000003049	3,603E-08	0,00002103	0,000009328
41	0,387	EQX-0.24g-B	LinRespSpec	Max		1984,681	1,747E-05	0,000003049	3,603E-08	0,00001985	0,000002572
41	0,773	EQX-0.24g-B	LinRespSpec	Max		1984,681	1,747E-05	0,000003049	3,603E-08	0,00001867	0,000004184

41	1,16	EQX-0.24g-B	LinRespSpec	Max		1984,681	1,747E-05	0,000003049	3,603E-08	0,00001749	0,00001094
41	0	EQY-0.24g-B	LinRespSpec	Max		0,00003111	3,624E-05	1430,576	6,18E-08	3272,6937	0,00002355
41	0,387	EQY-0.24g-B	LinRespSpec	Max		0,00003111	3,624E-05	1430,576	6,18E-08	2719,7383	0,000009633
41	0,773	EQY-0.24g-B	LinRespSpec	Max		0,00003111	3,624E-05	1430,576	6,18E-08	2166,8854	0,000004866
41	1,16	EQY-0.24g-B	LinRespSpec	Max		0,00003111	3,624E-05	1430,576	6,18E-08	1614,2402	0,00001863
41	0	EQZ-0.24g-B	LinRespSpec	Max		0,0001175	1338,549	0,0001167	1,139E-07	0,0001258	3179,7001
41	0,387	EQZ-0.24g-B	LinRespSpec	Max		0,0001175	1338,549	0,0001167	1,139E-07	0,0001586	2662,4155
41	0,773	EQZ-0.24g-B	LinRespSpec	Max		0,0001175	1338,549	0,0001167	1,139E-07	0,0001964	2145,2699
41	1,16	EQZ-0.24g-B	LinRespSpec	Max		0,0001175	1338,549	0,0001167	1,139E-07	0,0002368	1628,3952
41	0	SEISMOSX-0.24g	Combination	Max		1984,681	401,565	429,173	8,876E-08	981,8082	953,91
41	0,387	SEISMOSX-0.24g	Combination	Max		1984,681	401,565	429,173	8,876E-08	815,9216	798,7247
41	0,773	SEISMOSX-0.24g	Combination	Max		1984,681	401,565	429,173	8,876E-08	650,0657	643,581
41	1,16	SEISMOSX-0.24g	Combination	Max		1984,681	401,565	429,173	8,876E-08	484,2722	488,5186
41	0	SEISMOSX-0.24g	Combination	Min		-1984,681	-401,565	-429,173	-8,876E-08	-981,8082	-953,91
41	0,387	SEISMOSX-0.24g	Combination	Min		-1984,681	-401,565	-429,173	-8,876E-08	-815,9216	-798,7247
41	0,773	SEISMOSX-0.24g	Combination	Min		-1984,681	-401,565	-429,173	-8,876E-08	-650,0657	-643,581
41	1,16	SEISMOSX-0.24g	Combination	Min		-1984,681	-401,565	-429,173	-8,876E-08	-484,2722	-488,5186
41	0	SEISMOSY-0.24g	Combination	Max		595,404	401,565	1430,577	1,068E-07	3272,6938	953,91
41	0,387	SEISMOSY-0.24g	Combination	Max		595,404	401,565	1430,577	1,068E-07	2719,7384	798,7247
41	0,773	SEISMOSY-0.24g	Combination	Max		595,404	401,565	1430,577	1,068E-07	2166,8854	643,581
41	1,16	SEISMOSY-0.24g	Combination	Max		595,404	401,565	1430,577	1,068E-07	1614,2403	488,5186
41	0	SEISMOSY-0.24g	Combination	Min		-595,404	-401,565	-1430,577	-1,068E-07	-3272,6938	-953,91
41	0,387	SEISMOSY-0.24g	Combination	Min		-595,404	-401,565	-1430,577	-1,068E-07	-2719,7384	-798,7247
41	0,773	SEISMOSY-0.24g	Combination	Min		-595,404	-401,565	-1430,577	-1,068E-07	-2166,8854	-643,581
41	1,16	SEISMOSY-0.24g	Combination	Min		-595,404	-401,565	-1430,577	-1,068E-07	-1614,2403	-488,5186
41	0	SEISMOSZ-0.24g	Combination	Max		595,404	1338,549	429,173	1,433E-07	981,8083	3179,7001
41	0,387	SEISMOSZ-0.24g	Combination	Max		595,404	1338,549	429,173	1,433E-07	815,9217	2662,4156
41	0,773	SEISMOSZ-0.24g	Combination	Max		595,404	1338,549	429,173	1,433E-07	650,0658	2145,2699
41	1,16	SEISMOSZ-0.24g	Combination	Max		595,404	1338,549	429,173	1,433E-07	484,2723	1628,3952
41	0	SEISMOSZ-0.24g	Combination	Min		-595,404	-1338,549	-429,173	-1,433E-07	-981,8083	-3179,7001
41	0,387	SEISMOSZ-0.24g	Combination	Min		-595,404	-1338,549	-429,173	-1,433E-07	-815,9217	-2662,4156
41	0,773	SEISMOSZ-0.24g	Combination	Min		-595,404	-1338,549	-429,173	-1,433E-07	-650,0658	-2145,2699
41	1,16	SEISMOSZ-0.24g	Combination	Min		-595,404	-1338,549	-429,173	-1,433E-07	-484,2723	-1628,3952
42	0	G	LinStatic			0	0	0	0	0	0



42	0,387	G	LinStatic			0	0	0	0	0	0
42	0,773	G	LinStatic			0	0	0	0	0	0
42	1,16	G	LinStatic			0	0	0	0	0	0
42	0	G1	LinStatic			0	0	0	0	0	0
42	0,387	G1	LinStatic			0	0	0	0	0	0
42	0,773	G1	LinStatic			0	0	0	0	0	0
42	1,16	G1	LinStatic			0	0	0	0	0	0
42	0	G21	LinStatic			0	459,488	0	0	0	574,006
42	0,387	G21	LinStatic			0	483,051	0	0	0	391,7819
42	0,773	G21	LinStatic			0	506,615	0	0	0	200,4466
42	1,16	G21	LinStatic			0	530,178	0	0	0	-5,718E-13
42	0	Q	LinStatic			0	654,774	0	0	0	817,9633
42	0,387	Q	LinStatic			0	688,352	0	0	0	558,2924
42	0,773	Q	LinStatic			0	721,93	0	0	0	285,638
42	1,16	Q	LinStatic			0	755,508	0	0	0	-5,881E-13
42	0	TEMP	LinStatic			-1172,394	0	0	0	0	0
42	0,387	TEMP	LinStatic			-1172,394	0	0	0	0	0
42	0,773	TEMP	LinStatic			-1172,394	0	0	0	0	0
42	1,16	TEMP	LinStatic			-1172,394	0	0	0	0	0
42	0	EQX-0.24g-B	LinRespSpec	Max		2314,582	9,431E-06	0,00001522	3,603E-08	0,00001749	0,00001094
42	0,387	EQX-0.24g-B	LinRespSpec	Max		2314,582	9,431E-06	0,00001522	3,603E-08	0,0000116	0,000007294
42	0,773	EQX-0.24g-B	LinRespSpec	Max		2314,582	9,431E-06	0,00001522	3,603E-08	0,000005715	0,000003647
42	1,16	EQX-0.24g-B	LinRespSpec	Max		2314,582	9,431E-06	0,00001522	3,603E-08	1,714E-07	0
42	0	EQY-0.24g-B	LinRespSpec	Max		0,00008267	1,606E-05	1571,529	6,18E-08	1614,2402	0,00001863
42	0,387	EQY-0.24g-B	LinRespSpec	Max		0,00008267	1,606E-05	1571,529	6,18E-08	1006,6076	0,00001242
42	0,773	EQY-0.24g-B	LinRespSpec	Max		0,00008267	1,606E-05	1571,529	6,18E-08	399,0522	0,000006211
42	1,16	EQY-0.24g-B	LinRespSpec	Max		0,00008267	1,606E-05	1571,529	6,18E-08	209,1004	0
42	0	EQZ-0.24g-B	LinRespSpec	Max		0,0002037	1403,789	0,0002055	1,139E-07	0,0002368	1628,3952
42	0,387	EQZ-0.24g-B	LinRespSpec	Max		0,0002037	1403,789	0,0002055	1,139E-07	0,0001573	1085,5968
42	0,773	EQZ-0.24g-B	LinRespSpec	Max		0,0002037	1403,789	0,0002055	1,139E-07	0,00007786	542,7984
42	1,16	EQZ-0.24g-B	LinRespSpec	Max		0,0002037	1403,789	0,0002055	1,139E-07	0,000001611	6,106E-12
42	0	SEISMOSX-0.24g	Combination	Max		2314,582	421,137	471,459	8,876E-08	484,2722	488,5186
42	0,387	SEISMOSX-0.24g	Combination	Max		2314,582	421,137	471,459	8,876E-08	301,9823	325,6791
42	0,773	SEISMOSX-0.24g	Combination	Max		2314,582	421,137	471,459	8,876E-08	119,7157	162,8395

42	1,16	SEISMOSX-0.24g	Combination	Max		2314,582	421,137	471,459	8,876E-08	62,7301	1,832E-12
42	0	SEISMOSX-0.24g	Combination	Min		-2314,582	-421,137	-471,459	-8,876E-08	-484,2722	-488,5186
42	0,387	SEISMOSX-0.24g	Combination	Min		-2314,582	-421,137	-471,459	-8,876E-08	-301,9823	-325,6791
42	0,773	SEISMOSX-0.24g	Combination	Min		-2314,582	-421,137	-471,459	-8,876E-08	-119,7157	-162,8395
42	1,16	SEISMOSX-0.24g	Combination	Min		-2314,582	-421,137	-471,459	-8,876E-08	-62,7301	-1,832E-12
42	0	SEISMOSY-0.24g	Combination	Max		694,375	421,137	1571,529	1,068E-07	1614,2403	488,5186
42	0,387	SEISMOSY-0.24g	Combination	Max		694,375	421,137	1571,529	1,068E-07	1006,6077	325,6791
42	0,773	SEISMOSY-0.24g	Combination	Max		694,375	421,137	1571,529	1,068E-07	399,0523	162,8395
42	1,16	SEISMOSY-0.24g	Combination	Max		694,375	421,137	1571,529	1,068E-07	209,1004	1,832E-12
42	0	SEISMOSY-0.24g	Combination	Min		-694,375	-421,137	-1571,529	-1,068E-07	-1614,2403	-488,5186
42	0,387	SEISMOSY-0.24g	Combination	Min		-694,375	-421,137	-1571,529	-1,068E-07	-1006,6077	-325,6791
42	0,773	SEISMOSY-0.24g	Combination	Min		-694,375	-421,137	-1571,529	-1,068E-07	-399,0523	-162,8395
42	1,16	SEISMOSY-0.24g	Combination	Min		-694,375	-421,137	-1571,529	-1,068E-07	-209,1004	-1,832E-12
42	0	SEISMOSZ-0.24g	Combination	Max		694,375	1403,789	471,459	1,433E-07	484,2723	1628,3952
42	0,387	SEISMOSZ-0.24g	Combination	Max		694,375	1403,789	471,459	1,433E-07	301,9824	1085,5968
42	0,773	SEISMOSZ-0.24g	Combination	Max		694,375	1403,789	471,459	1,433E-07	119,7158	542,7984
42	1,16	SEISMOSZ-0.24g	Combination	Max		694,375	1403,789	471,459	1,433E-07	62,7301	6,106E-12
42	0	SEISMOSZ-0.24g	Combination	Min		-694,375	-1403,789	-471,459	-1,433E-07	-484,2723	-1628,3952
42	0,387	SEISMOSZ-0.24g	Combination	Min		-694,375	-1403,789	-471,459	-1,433E-07	-301,9824	-1085,5968
42	0,773	SEISMOSZ-0.24g	Combination	Min		-694,375	-1403,789	-471,459	-1,433E-07	-119,7158	-542,7984
42	1,16	SEISMOSZ-0.24g	Combination	Min		-694,375	-1403,789	-471,459	-1,433E-07	-62,7301	-6,106E-12

**TABLE: Element Joint Forces - Frames**

Frame	Joint	OutputCase	CaseType	StepType	StepNum	F1	F2	F3	M1	M2	M3
Text	Text	Text	Text	Text	Unitless	KN	KN	KN	KN-m	KN-m	KN-m
12	14	G	LinStatic			0	0	0	0	0	0
12	15	G	LinStatic			0	0	0	0	0	0
12	14	G1	LinStatic			0	0	0	0	0	0
12	15	G1	LinStatic			0	0	0	0	0	0
12	14	G21	LinStatic			0	0	530,178	0	0	0
12	15	G21	LinStatic			0	0	-530,178	0	0	0
12	14	Q	LinStatic			0	0	755,508	0	0	0
12	15	Q	LinStatic			0	0	-755,508	0	0	0
12	14	TEMP	LinStatic			1172,39	0	0	0	6682,6438	0
12	15	TEMP	LinStatic			-1172,4	0	0	0	0	0
12	14	EQX-0.24g-B	LinRespSpec	Max		3239,74	1,604E-06	5,223E-07	9,109E-06	18466,503	3,742E-07
12	15	EQX-0.24g-B	LinRespSpec	Max		3239,74	1,604E-06	5,223E-07	3,603E-08	0	3,742E-07
12	14	EQY-0.24g-B	LinRespSpec	Max		5,8E-08	1879,45	1,88E-06	10712,8658	3,319E-07	209,1004
12	15	EQY-0.24g-B	LinRespSpec	Max		5,8E-08	1879,45	1,88E-06	6,18E-08	0	209,1004
12	14	EQZ-0.24g-B	LinRespSpec	Max		3,6E-08	3,149E-06	1416,634	0,00001791	2,079E-07	7,128E-07
12	15	EQZ-0.24g-B	LinRespSpec	Max		3,6E-08	3,149E-06	1416,634	1,139E-07	0	7,128E-07
12	14	SEISMOSX-0.24g	Combination	Max		3239,74	563,835	424,99	3213,8597	18466,503	62,7301
12	15	SEISMOSX-0.24g	Combination	Max		3239,74	563,835	424,99	8,876E-08	0	62,7301
12	14	SEISMOSX-0.24g	Combination	Min		-3239,7	-563,835	-424,99	-3213,8597	-18466,5	-62,7301
12	15	SEISMOSX-0.24g	Combination	Min		-3239,7	-563,835	-424,99	-8,876E-08	0	-62,7301
12	14	SEISMOSY-0.24g	Combination	Max		971,921	1879,45	424,99	10712,8658	5539,9508	209,1004
12	15	SEISMOSY-0.24g	Combination	Max		971,921	1879,45	424,99	1,068E-07	0	209,1004
12	14	SEISMOSY-0.24g	Combination	Min		-971,92	-1879,45	-424,99	-10712,866	-5539,951	-209,1004
12	15	SEISMOSY-0.24g	Combination	Min		-971,92	-1879,45	-424,99	-1,068E-07	0	-209,1004
12	14	SEISMOSZ-0.24g	Combination	Max		971,921	563,835	1416,634	3213,8598	5539,9508	62,7301
12	15	SEISMOSZ-0.24g	Combination	Max		971,921	563,835	1416,634	1,433E-07	0	62,7301
12	14	SEISMOSZ-0.24g	Combination	Min		-971,92	-563,835	-1416,634	-3213,8598	-5539,951	-62,7301
12	15	SEISMOSZ-0.24g	Combination	Min		-971,92	-563,835	-1416,634	-1,433E-07	0	-62,7301
27	44	G	LinStatic			0	0	0	0	0	0
27	45	G	LinStatic			0	0	0	0	0	0
27	44	G1	LinStatic			0	0	0	0	0	0
27	45	G1	LinStatic			0	0	0	0	0	0
27	44	G21	LinStatic			0	0	530,178	0	0	0
27	45	G21	LinStatic			0	0	-530,178	0	0	0
27	44	Q	LinStatic			0	0	755,508	0	0	0
27	45	Q	LinStatic			0	0	-755,508	0	0	0
27	44	TEMP	LinStatic			-1172,4	0	0	0	-6682,644	0
27	45	TEMP	LinStatic			1172,39	0	0	0	0	0
27	44	EQX-0.24g-B	LinRespSpec	Max		3239,74	7,115E-07	2,471E-06	0,00000402	18466,503	1,714E-07
27	45	EQX-0.24g-B	LinRespSpec	Max		3239,74	7,115E-07	2,471E-06	3,603E-08	0	1,714E-07
27	44	EQY-0.24g-B	LinRespSpec	Max		7E-08	1879,45	2,508E-06	10712,8658	3,979E-07	209,1004
27	45	EQY-0.24g-B	LinRespSpec	Max		7E-08	1879,45	2,508E-06	6,18E-08	0	209,1004
27	44	EQZ-0.24g-B	LinRespSpec	Max		2E-07	6,928E-06	1416,634	0,00003939	1,148E-06	1,611E-06
27	45	EQZ-0.24g-B	LinRespSpec	Max		2E-07	6,928E-06	1416,634	1,139E-07	0	1,611E-06

27	44	SEISMOSX-0.24g	Combination	Max		3239,74	563,835	424,99	3213,8597	18466,503	62,7301
27	45	SEISMOSX-0.24g	Combination	Max		3239,74	563,835	424,99	8,876E-08	0	62,7301
27	44	SEISMOSX-0.24g	Combination	Min		-3239,7	-563,835	-424,99	-3213,8597	-18466,5	-62,7301
27	45	SEISMOSX-0.24g	Combination	Min		-3239,7	-563,835	-424,99	-8,876E-08	0	-62,7301
27	44	SEISMOSY-0.24g	Combination	Max		971,921	1879,45	424,99	10712,8658	5539,9508	209,1004
27	45	SEISMOSY-0.24g	Combination	Max		971,921	1879,45	424,99	1,068E-07	0	209,1004
27	44	SEISMOSY-0.24g	Combination	Min		-971,92	-1879,45	-424,99	-10712,866	-5539,951	-209,1004
27	45	SEISMOSY-0.24g	Combination	Min		-971,92	-1879,45	-424,99	-1,068E-07	0	-209,1004
27	44	SEISMOSZ-0.24g	Combination	Max		971,921	563,835	1416,634	3213,8598	5539,9508	62,7301
27	45	SEISMOSZ-0.24g	Combination	Max		971,921	563,835	1416,634	1,433E-07	0	62,7301
27	44	SEISMOSZ-0.24g	Combination	Min		-971,92	-563,835	-1416,634	-3213,8598	-5539,951	-62,7301
27	45	SEISMOSZ-0.24g	Combination	Min		-971,92	-563,835	-1416,634	-1,433E-07	0	-62,7301
28	15	G	LinStatic			0	0	0	0	0	0
28	17	G	LinStatic			0	0	0	0	0	0
28	15	G1	LinStatic			0	0	0	0	0	0
28	17	G1	LinStatic			0	0	0	0	0	0
28	15	G21	LinStatic			0	0	530,178	0	9,974E-13	0
28	17	G21	LinStatic			0	0	-459,488	0	-574,006	0
28	15	Q	LinStatic			0	0	755,508	0	2,558E-13	0
28	17	Q	LinStatic			0	0	-654,774	0	-817,9633	0
28	15	TEMP	LinStatic			1172,39	0	0	0	0	0
28	17	TEMP	LinStatic			-1172,4	0	0	0	0	0
28	15	EQX-0.24g-B	LinRespSpec	Max		2314,58	0,0000401	3,275E-06	3,603E-08	0	3,742E-07
28	17	EQX-0.24g-B	LinRespSpec	Max		2314,58	0,0000401	3,275E-06	3,603E-08	3,799E-06	0,00004614
28	15	EQY-0.24g-B	LinRespSpec	Max		4E-05	1571,529	1,026E-05	6,18E-08	0	209,1004
28	17	EQY-0.24g-B	LinRespSpec	Max		4E-05	1571,529	1,026E-05	6,18E-08	0,0000119	1614,2402
28	15	EQZ-0.24g-B	LinRespSpec	Max		0,00015	9,487E-05	1403,789	1,139E-07	6,771E-12	7,128E-07
28	17	EQZ-0.24g-B	LinRespSpec	Max		0,00015	9,487E-05	1403,789	1,139E-07	1628,3952	0,0001094
28	15	SEISMOSX-0.24g	Combination	Max		2314,58	471,459	421,137	8,876E-08	2,031E-12	62,7301
28	17	SEISMOSX-0.24g	Combination	Max		2314,58	471,459	421,137	8,876E-08	488,5186	484,2721
28	15	SEISMOSX-0.24g	Combination	Min		-2314,6	-471,459	-421,137	-8,876E-08	-2,03E-12	-62,7301
28	17	SEISMOSX-0.24g	Combination	Min		-2314,6	-471,459	-421,137	-8,876E-08	-488,5186	-484,2721
28	15	SEISMOSY-0.24g	Combination	Max		694,375	1571,529	421,137	1,068E-07	2,031E-12	209,1004
28	17	SEISMOSY-0.24g	Combination	Max		694,375	1571,529	421,137	1,068E-07	488,5186	1614,2402
28	15	SEISMOSY-0.24g	Combination	Min		-694,38	-1571,529	-421,137	-1,068E-07	-2,03E-12	-209,1004
28	17	SEISMOSY-0.24g	Combination	Min		-694,38	-1571,529	-421,137	-1,068E-07	-488,5186	-1614,2402
28	15	SEISMOSZ-0.24g	Combination	Max		694,375	471,459	1403,789	1,433E-07	6,771E-12	62,7301
28	17	SEISMOSZ-0.24g	Combination	Max		694,375	471,459	1403,789	1,433E-07	1628,3952	484,2722
28	15	SEISMOSZ-0.24g	Combination	Min		-694,38	-471,459	-1403,789	-1,433E-07	-6,77E-12	-62,7301
28	17	SEISMOSZ-0.24g	Combination	Min		-694,38	-471,459	-1403,789	-1,433E-07	-1628,395	-484,2722
29	17	G	LinStatic			0	0	0	0	0	0
29	19	G	LinStatic			0	0	0	0	0	0
29	17	G1	LinStatic			0	0	0	0	0	0
29	19	G1	LinStatic			0	0	0	0	0	0
29	17	G21	LinStatic			0	0	459,488	0	574,006	0
29	19	G21	LinStatic			0	0	-388,797	0	-1066,011	0
29	17	Q	LinStatic			0	0	654,774	0	817,9633	0

29	19	Q	LinStatic			0	0	-554,039	0	-1519,075	0
29	17	TEMP	LinStatic			1172,39	0	0	0	0	0
29	19	TEMP	LinStatic			-1172,4	0	0	0	0	0
29	17	EQX-0.24g-B	LinRespSpec	Max		1984,68	8,223E-06	4,556E-06	3,603E-08	3,799E-06	0,00004614
29	19	EQX-0.24g-B	LinRespSpec	Max		1984,68	8,223E-06	4,556E-06	3,603E-08	1,486E-06	0,0000366
29	17	EQY-0.24g-B	LinRespSpec	Max		5,5E-05	1430,576	2,343E-05	6,18E-08	0,0000119	1614,2402
29	19	EQY-0.24g-B	LinRespSpec	Max		5,5E-05	1430,576	2,343E-05	6,18E-08	1,557E-05	3272,6937
29	17	EQZ-0.24g-B	LinRespSpec	Max		0,00014	9,361E-05	1338,549	1,139E-07	1628,3952	0,0001094
29	19	EQZ-0.24g-B	LinRespSpec	Max		0,00014	9,361E-05	1338,549	1,139E-07	3179,7001	0,00008261
29	17	SEISMOSX-0.24g	Combination	Max		1984,68	429,173	401,565	8,876E-08	488,5186	484,2721
29	19	SEISMOSX-0.24g	Combination	Max		1984,68	429,173	401,565	8,876E-08	953,91	981,8082
29	17	SEISMOSX-0.24g	Combination	Min		-1984,7	-429,173	-401,565	-8,876E-08	-488,5186	-484,2721
29	19	SEISMOSX-0.24g	Combination	Min		-1984,7	-429,173	-401,565	-8,876E-08	-953,91	-981,8082
29	17	SEISMOSY-0.24g	Combination	Max		595,404	1430,576	401,565	1,068E-07	488,5186	1614,2402
29	19	SEISMOSY-0.24g	Combination	Max		595,404	1430,576	401,565	1,068E-07	953,91	3272,6937
29	17	SEISMOSY-0.24g	Combination	Min		-595,4	-1430,576	-401,565	-1,068E-07	-488,5186	-1614,2402
29	19	SEISMOSY-0.24g	Combination	Min		-595,4	-1430,576	-401,565	-1,068E-07	-953,91	-3272,6937
29	17	SEISMOSZ-0.24g	Combination	Max		595,405	429,173	1338,549	1,433E-07	1628,3952	484,2722
29	19	SEISMOSZ-0.24g	Combination	Max		595,405	429,173	1338,549	1,433E-07	3179,7001	981,8082
29	17	SEISMOSZ-0.24g	Combination	Min		-595,41	-429,173	-1338,549	-1,433E-07	-1628,395	-484,2722
29	19	SEISMOSZ-0.24g	Combination	Min		-595,41	-429,173	-1338,549	-1,433E-07	-3179,7	-981,8082
30	19	G	LinStatic			0	0	0	0	0	0
30	21	G	LinStatic			0	0	0	0	0	0
30	19	G1	LinStatic			0	0	0	0	0	0
30	21	G1	LinStatic			0	0	0	0	0	0
30	19	G21	LinStatic			0	0	388,797	0	1066,0112	0
30	21	G21	LinStatic			0	0	-318,107	0	-1476,016	0
30	19	Q	LinStatic			0	0	554,039	0	1519,0748	0
30	21	Q	LinStatic			0	0	-453,305	0	-2103,334	0
30	19	TEMP	LinStatic			1172,39	0	0	0	0	0
30	21	TEMP	LinStatic			-1172,4	0	0	0	0	0
30	19	EQX-0.24g-B	LinRespSpec	Max		1654,43	4,723E-05	1,971E-06	3,603E-08	1,486E-06	0,0000366
30	21	EQX-0.24g-B	LinRespSpec	Max		1654,43	4,723E-05	1,971E-06	3,603E-08	3,772E-06	0,00001818
30	19	EQY-0.24g-B	LinRespSpec	Max		1E-05	1255,944	2,828E-05	6,18E-08	1,557E-05	3272,6937
30	21	EQY-0.24g-B	LinRespSpec	Max		1E-05	1255,944	2,828E-05	6,18E-08	1,744E-05	4727,6521
30	19	EQZ-0.24g-B	LinRespSpec	Max		4,8E-05	9,426E-05	1218,978	1,139E-07	3179,7001	0,00008261
30	21	EQZ-0.24g-B	LinRespSpec	Max		4,8E-05	9,426E-05	1218,978	1,139E-07	4589,4445	0,00006681
30	19	SEISMOSX-0.24g	Combination	Max		1654,43	376,783	365,693	8,876E-08	953,91	981,8082
30	21	SEISMOSX-0.24g	Combination	Max		1654,43	376,783	365,693	8,876E-08	1376,8334	1418,2957
30	19	SEISMOSX-0.24g	Combination	Min		-1654,4	-376,783	-365,693	-8,876E-08	-953,91	-981,8082
30	21	SEISMOSX-0.24g	Combination	Min		-1654,4	-376,783	-365,693	-8,876E-08	-1376,833	-1418,2957
30	19	SEISMOSY-0.24g	Combination	Max		496,33	1255,944	365,693	1,068E-07	953,91	3272,6937
30	21	SEISMOSY-0.24g	Combination	Max		496,33	1255,944	365,693	1,068E-07	1376,8334	4727,6521
30	19	SEISMOSY-0.24g	Combination	Min		-496,33	-1255,944	-365,693	-1,068E-07	-953,91	-3272,6937
30	21	SEISMOSY-0.24g	Combination	Min		-496,33	-1255,944	-365,693	-1,068E-07	-1376,833	-4727,6521
30	19	SEISMOSZ-	Combination	Max		496,33	376,783	1218,978	1,433E-07	3179,7001	981,8082

		0.24g									
30	21	SEISMOSZ-0.24g	Combination	Max		496,33	376,783	1218,978	1,433E-07	4589,4445	1418,2957
30	19	SEISMOSZ-0.24g	Combination	Min		-496,33	-376,783	-1218,978	-1,433E-07	-3179,7	-981,8082
30	21	SEISMOSZ-0.24g	Combination	Min		-496,33	-376,783	-1218,978	-1,433E-07	-4589,445	-1418,2957
31	21	G	LinStatic			0	0	0	0	0	0
31	23	G	LinStatic			0	0	0	0	0	0
31	21	G1	LinStatic			0	0	0	0	0	0
31	23	G1	LinStatic			0	0	0	0	0	0
31	21	G21	LinStatic			0	0	318,107	0	1476,0156	0
31	23	G21	LinStatic			0	0	-247,416	0	-1804,019	0
31	21	Q	LinStatic			0	0	453,305	0	2103,3343	0
31	23	Q	LinStatic			0	0	-352,57	0	-2570,742	0
31	21	TEMP	LinStatic			1172,39	0	0	0	0	0
31	23	TEMP	LinStatic			-1172,4	0	0	0	0	0
31	21	EQX-0.24g-B	LinRespSpec	Max		1323,89	1,506E-05	4,806E-06	3,603E-08	3,772E-06	0,00001818
31	23	EQX-0.24g-B	LinRespSpec	Max		1323,89	1,506E-05	4,806E-06	3,603E-08	1,803E-06	0,00003565
31	21	EQY-0.24g-B	LinRespSpec	Max		7,7E-06	1049,5	3,213E-05	6,18E-08	1,744E-05	4727,6521
31	23	EQY-0.24g-B	LinRespSpec	Max		7,7E-06	1049,5	3,213E-05	6,18E-08	2,027E-05	5942,3916
31	21	EQZ-0.24g-B	LinRespSpec	Max		2,6E-05	9,374E-05	1047,467	1,139E-07	4589,4445	0,00006681
31	23	EQZ-0.24g-B	LinRespSpec	Max		2,6E-05	9,374E-05	1047,467	1,139E-07	5798,7437	0,00009128
31	21	SEISMOSX-0.24g	Combination	Max		1323,89	314,85	314,24	8,876E-08	1376,8334	1418,2957
31	23	SEISMOSX-0.24g	Combination	Max		1323,89	314,85	314,24	8,876E-08	1739,6231	1782,7175
31	21	SEISMOSX-0.24g	Combination	Min		-1323,9	-314,85	-314,24	-8,876E-08	-1376,833	-1418,2957
31	23	SEISMOSX-0.24g	Combination	Min		-1323,9	-314,85	-314,24	-8,876E-08	-1739,623	-1782,7175
31	21	SEISMOSY-0.24g	Combination	Max		397,168	1049,5	314,24	1,068E-07	1376,8334	4727,6521
31	23	SEISMOSY-0.24g	Combination	Max		397,168	1049,5	314,24	1,068E-07	1739,6231	5942,3917
31	21	SEISMOSY-0.24g	Combination	Min		-397,17	-1049,5	-314,24	-1,068E-07	-1376,833	-4727,6521
31	23	SEISMOSY-0.24g	Combination	Min		-397,17	-1049,5	-314,24	-1,068E-07	-1739,623	-5942,3917
31	21	SEISMOSZ-0.24g	Combination	Max		397,168	314,85	1047,467	1,433E-07	4589,4445	1418,2957
31	23	SEISMOSZ-0.24g	Combination	Max		397,168	314,85	1047,467	1,433E-07	5798,7437	1782,7176
31	21	SEISMOSZ-0.24g	Combination	Min		-397,17	-314,85	-1047,467	-1,433E-07	-4589,445	-1418,2957
31	23	SEISMOSZ-0.24g	Combination	Min		-397,17	-314,85	-1047,467	-1,433E-07	-5798,744	-1782,7176
32	23	G	LinStatic			0	0	0	0	0	0
32	25	G	LinStatic			0	0	0	0	0	0
32	23	G1	LinStatic			0	0	0	0	0	0
32	25	G1	LinStatic			0	0	0	0	0	0
32	23	G21	LinStatic			0	0	247,416	0	1804,019	0
32	25	G21	LinStatic			0	0	-176,726	0	-2050,022	0
32	23	Q	LinStatic			0	0	352,57	0	2570,7419	0
32	25	Q	LinStatic			0	0	-251,836	0	-2921,298	0
32	23	TEMP	LinStatic			1172,39	0	0	0	0	0
32	25	TEMP	LinStatic			-1172,4	0	0	0	0	0
32	23	EQX-0.24g-B	LinRespSpec	Max		993,124	4,113E-05	6,581E-06	3,603E-08	1,803E-06	0,00003565
32	25	EQX-0.24g-B	LinRespSpec	Max		993,124	4,113E-05	6,581E-06	3,603E-08	9,437E-06	0,00001206
32	23	EQY-0.24g-B	LinRespSpec	Max		6,8E-05	814,76	3,817E-05	6,18E-08	2,027E-05	5942,3916
32	25	EQY-0.24g-B	LinRespSpec	Max		6,8E-05	814,76	3,817E-05	6,18E-08	2,544E-05	6884,6202
32	23	EQZ-0.24g-B	LinRespSpec	Max		5,8E-05	0,0001002	831,569	1,139E-07	5798,7437	0,00009128
32	25	EQZ-0.24g-B	LinRespSpec	Max		5,8E-05	0,0001002	831,569	1,139E-07	6755,4278	0,0000927
32	23	SEISMOSX-	Combination	Max		993,124	244,428	249,471	8,876E-08	1739,6231	1782,7175

		0.24g									
32	25	SEISMOSX-0.24g	Combination	Max		993,124	244,428	249,471	8,876E-08	2026,6284	2065,3861
32	23	SEISMOSX-0.24g	Combination	Min		-993,12	-244,428	-249,471	-8,876E-08	-1739,623	-1782,7175
32	25	SEISMOSX-0.24g	Combination	Min		-993,12	-244,428	-249,471	-8,876E-08	-2026,628	-2065,3861
32	23	SEISMOSY-0.24g	Combination	Max		297,937	814,76	249,471	1,068E-07	1739,6231	5942,3917
32	25	SEISMOSY-0.24g	Combination	Max		297,937	814,76	249,471	1,068E-07	2026,6284	6884,6203
32	23	SEISMOSY-0.24g	Combination	Min		-297,94	-814,76	-249,471	-1,068E-07	-1739,623	-5942,3917
32	25	SEISMOSY-0.24g	Combination	Min		-297,94	-814,76	-249,471	-1,068E-07	-2026,628	-6884,6203
32	23	SEISMOSZ-0.24g	Combination	Max		297,937	244,428	831,569	1,433E-07	5798,7437	1782,7176
32	25	SEISMOSZ-0.24g	Combination	Max		297,937	244,428	831,569	1,433E-07	6755,4278	2065,3862
32	23	SEISMOSZ-0.24g	Combination	Min		-297,94	-244,428	-831,569	-1,433E-07	-5798,744	-1782,7176
32	25	SEISMOSZ-0.24g	Combination	Min		-297,94	-244,428	-831,569	-1,433E-07	-6755,428	-2065,3862
33	25	G	LinStatic			0	0	0	0	0	0
33	27	G	LinStatic			0	0	0	0	0	0
33	25	G1	LinStatic			0	0	0	0	0	0
33	27	G1	LinStatic			0	0	0	0	0	0
33	25	G21	LinStatic			0	0	176,726	0	2050,0216	0
33	27	G21	LinStatic			0	0	-106,036	0	-2214,023	0
33	25	Q	LinStatic			0	0	251,836	0	2921,2976	0
33	27	Q	LinStatic			0	0	-151,102	0	-3155,001	0
33	25	TEMP	LinStatic			1172,39	0	0	0	0	0
33	27	TEMP	LinStatic			-1172,4	0	0	0	0	0
33	25	EQX-0.24g-B	LinRespSpec	Max		662,179	2,039E-05	2,226E-05	3,603E-08	9,437E-06	0,00001206
33	27	EQX-0.24g-B	LinRespSpec	Max		662,179	2,039E-05	2,226E-05	3,603E-08	1,639E-05	0,00003572
33	25	EQY-0.24g-B	LinRespSpec	Max		6,8E-05	556,924	3,887E-05	6,18E-08	2,544E-05	6884,6202
33	27	EQY-0.24g-B	LinRespSpec	Max		6,8E-05	556,924	3,887E-05	6,18E-08	2,075E-05	7528,2138
33	25	EQZ-0.24g-B	LinRespSpec	Max		1,3E-05	0,0001054	582,959	1,139E-07	6755,4278	0,0000927
33	27	EQZ-0.24g-B	LinRespSpec	Max		1,3E-05	0,0001054	582,959	1,139E-07	7418,7421	0,00008257
33	25	SEISMOSX-0.24g	Combination	Max		662,179	167,077	174,888	8,876E-08	2026,6284	2065,3861
33	27	SEISMOSX-0.24g	Combination	Max		662,179	167,077	174,888	8,876E-08	2225,6227	2258,4642
33	25	SEISMOSX-0.24g	Combination	Min		-662,18	-167,077	-174,888	-8,876E-08	-2026,628	-2065,3861
33	27	SEISMOSX-0.24g	Combination	Min		-662,18	-167,077	-174,888	-8,876E-08	-2225,623	-2258,4642
33	25	SEISMOSY-0.24g	Combination	Max		198,654	556,924	174,888	1,068E-07	2026,6284	6884,6203
33	27	SEISMOSY-0.24g	Combination	Max		198,654	556,924	174,888	1,068E-07	2225,6227	7528,2138
33	25	SEISMOSY-0.24g	Combination	Min		-198,65	-556,924	-174,888	-1,068E-07	-2026,628	-6884,6203
33	27	SEISMOSY-0.24g	Combination	Min		-198,65	-556,924	-174,888	-1,068E-07	-2225,623	-7528,2138
33	25	SEISMOSZ-0.24g	Combination	Max		198,654	167,077	582,959	1,433E-07	6755,4278	2065,3862
33	27	SEISMOSZ-0.24g	Combination	Max		198,654	167,077	582,959	1,433E-07	7418,7422	2258,4642
33	25	SEISMOSZ-0.24g	Combination	Min		-198,65	-167,077	-582,959	-1,433E-07	-6755,428	-2065,3862
33	27	SEISMOSZ-0.24g	Combination	Min		-198,65	-167,077	-582,959	-1,433E-07	-7418,742	-2258,4642
34	27	G	LinStatic			0	0	0	0	0	0
34	29	G	LinStatic			0	0	0	0	0	0
34	27	G1	LinStatic			0	0	0	0	0	0
34	29	G1	LinStatic			0	0	0	0	0	0
34	27	G21	LinStatic			0	0	106,036	0	2214,0233	0
34	29	G21	LinStatic			0	0	-35,345	0	-2296,024	0
34	27	Q	LinStatic			0	0	151,102	0	3155,0014	0



34	29	Q	LinStatic			0	0	-50,367	0	-3271,853	0
34	27	TEMP	LinStatic			1172,39	0	0	0	0	0
34	29	TEMP	LinStatic			-1172,4	0	0	0	0	0
34	27	EQX-0.24g-B	LinRespSpec	Max		331,119	2,158E-05	2,213E-05	3,603E-08	1,639E-05	0,00003572
34	29	EQX-0.24g-B	LinRespSpec	Max		331,119	2,158E-05	2,213E-05	3,603E-08	9,29E-06	0,00001069
34	27	EQY-0.24g-B	LinRespSpec	Max		1,4E-05	282,712	1,873E-05	6,18E-08	2,075E-05	7528,2138
34	29	EQY-0.24g-B	LinRespSpec	Max		1,4E-05	282,712	1,873E-05	6,18E-08	1,143E-05	7854,7685
34	27	EQZ-0.24g-B	LinRespSpec	Max		7,6E-05	0,0000545	303,926	1,139E-07	7418,7421	0,00008257
34	29	EQZ-0.24g-B	LinRespSpec	Max		7,6E-05	0,0000545	303,926	1,139E-07	7759,1488	0,00007989
34	27	SEISMOSX-0.24g	Combination	Max		331,119	84,814	91,178	8,876E-08	2225,6227	2258,4642
34	29	SEISMOSX-0.24g	Combination	Max		331,119	84,814	91,178	8,876E-08	2327,7446	2356,4306
34	27	SEISMOSX-0.24g	Combination	Min		-331,12	-84,814	-91,178	-8,876E-08	-2225,623	-2258,4642
34	29	SEISMOSX-0.24g	Combination	Min		-331,12	-84,814	-91,178	-8,876E-08	-2327,745	-2356,4306
34	27	SEISMOSY-0.24g	Combination	Max		99,336	282,712	91,178	1,068E-07	2225,6227	7528,2138
34	29	SEISMOSY-0.24g	Combination	Max		99,336	282,712	91,178	1,068E-07	2327,7446	7854,7685
34	27	SEISMOSY-0.24g	Combination	Min		-99,336	-282,712	-91,178	-1,068E-07	-2225,623	-7528,2138
34	29	SEISMOSY-0.24g	Combination	Min		-99,336	-282,712	-91,178	-1,068E-07	-2327,745	-7854,7685
34	27	SEISMOSZ-0.24g	Combination	Max		99,336	84,814	303,926	1,433E-07	7418,7422	2258,4642
34	29	SEISMOSZ-0.24g	Combination	Max		99,336	84,814	303,926	1,433E-07	7759,1488	2356,4306
34	27	SEISMOSZ-0.24g	Combination	Min		-99,336	-84,814	-303,926	-1,433E-07	-7418,742	-2258,4642
34	29	SEISMOSZ-0.24g	Combination	Min		-99,336	-84,814	-303,926	-1,433E-07	-7759,149	-2356,4306
35	29	G	LinStatic			0	0	0	0	0	0
35	31	G	LinStatic			0	0	0	0	0	0
35	29	G1	LinStatic			0	0	0	0	0	0
35	31	G1	LinStatic			0	0	0	0	0	0
35	29	G21	LinStatic			0	0	35,345	0	2296,0242	0
35	31	G21	LinStatic			0	0	35,345	0	-2296,024	0
35	29	Q	LinStatic			0	0	50,367	0	3271,8533	0
35	31	Q	LinStatic			0	0	50,367	0	-3271,853	0
35	29	TEMP	LinStatic			1172,39	0	0	0	0	0
35	31	TEMP	LinStatic			-1172,4	0	0	0	0	0
35	29	EQX-0.24g-B	LinRespSpec	Max		1,5E-05	3,307E-05	5,093E-06	3,603E-08	9,29E-06	0,00001069
35	31	EQX-0.24g-B	LinRespSpec	Max		1,5E-05	3,307E-05	5,093E-06	3,603E-08	3,382E-06	0,00002767
35	29	EQY-0.24g-B	LinRespSpec	Max		2,9E-05	7,451E-05	3,588E-05	6,18E-08	1,143E-05	7854,7685
35	31	EQY-0.24g-B	LinRespSpec	Max		2,9E-05	7,451E-05	3,588E-05	6,18E-08	3,341E-05	7854,7685
35	29	EQZ-0.24g-B	LinRespSpec	Max		0,00022	0,0001283	0,0001334	1,139E-07	7759,1488	0,00007989
35	31	EQZ-0.24g-B	LinRespSpec	Max		0,00022	0,0001283	0,0001334	1,139E-07	7759,1488	0,0001427
35	29	SEISMOSX-0.24g	Combination	Max		8,9E-05	9,392E-05	5,589E-05	8,876E-08	2327,7446	2356,4306
35	31	SEISMOSX-0.24g	Combination	Max		8,9E-05	9,392E-05	5,589E-05	8,876E-08	2327,7446	2356,4306
35	29	SEISMOSX-0.24g	Combination	Min		-9E-05	-9,392E-05	-5,589E-05	-8,876E-08	-2327,745	-2356,4306
35	31	SEISMOSX-0.24g	Combination	Min		-9E-05	-9,392E-05	-5,589E-05	-8,876E-08	-2327,745	-2356,4306
35	29	SEISMOSY-0.24g	Combination	Max		9,9E-05	0,0001229	7,744E-05	1,068E-07	2327,7446	7854,7685
35	31	SEISMOSY-0.24g	Combination	Max		9,9E-05	0,0001229	7,744E-05	1,068E-07	2327,7447	7854,7685
35	29	SEISMOSY-0.24g	Combination	Min		-1E-04	0,0001229	-7,744E-05	-1,068E-07	-2327,745	-7854,7685
35	31	SEISMOSY-0.24g	Combination	Min		-1E-04	0,0001229	-7,744E-05	-1,068E-07	-2327,745	-7854,7685
35	29	SEISMOSZ-	Combination	Max		0,00023	0,0001606	0,0001457	1,433E-07	7759,1488	2356,4306



		0.24g									
35	31	SEISMOSZ-0.24g	Combination	Max		0,00023	0,0001606	0,0001457	1,433E-07	7759,1488	2356,4307
35	29	SEISMOSZ-0.24g	Combination	Min		-0,0002	0,0001606	0,0001457	-1,433E-07	-7759,149	-2356,4306
35	31	SEISMOSZ-0.24g	Combination	Min		-0,0002	0,0001606	0,0001457	-1,433E-07	-7759,149	-2356,4307
36	31	G	LinStatic			0	0	0	0	0	0
36	33	G	LinStatic			0	0	0	0	0	0
36	31	G1	LinStatic			0	0	0	0	0	0
36	33	G1	LinStatic			0	0	0	0	0	0
36	31	G21	LinStatic			0	0	-35,345	0	2296,0242	0
36	33	G21	LinStatic			0	0	106,036	0	-2214,023	0
36	31	Q	LinStatic			0	0	-50,367	0	3271,8533	0
36	33	Q	LinStatic			0	0	151,102	0	-3155,001	0
36	31	TEMP	LinStatic			1172,39	0	0	0	0	0
36	33	TEMP	LinStatic			-1172,4	0	0	0	0	0
36	31	EQX-0.24g-B	LinRespSpec	Max		331,119	3,603E-08	1,142E-05	3,603E-08	3,382E-06	0,00002767
36	33	EQX-0.24g-B	LinRespSpec	Max		331,119	3,603E-08	1,142E-05	3,603E-08	9,861E-06	0,00002763
36	31	EQY-0.24g-B	LinRespSpec	Max		6,1E-05	282,712	6,374E-05	6,18E-08	3,341E-05	7854,7685
36	33	EQY-0.24g-B	LinRespSpec	Max		6,1E-05	282,712	6,374E-05	6,18E-08	4,096E-05	7528,2138
36	31	EQZ-0.24g-B	LinRespSpec	Max		9,7E-05	0,0002738	303,926	1,139E-07	7759,1488	0,0001427
36	33	EQZ-0.24g-B	LinRespSpec	Max		9,7E-05	0,0002738	303,926	1,139E-07	7418,7421	0,0002106
36	31	SEISMOSX-0.24g	Combination	Max		331,119	84,814	91,178	8,876E-08	2327,7446	2356,4306
36	33	SEISMOSX-0.24g	Combination	Max		331,119	84,814	91,178	8,876E-08	2225,6227	2258,4642
36	31	SEISMOSX-0.24g	Combination	Min		-331,12	-84,814	-91,178	-8,876E-08	-2327,745	-2356,4306
36	33	SEISMOSX-0.24g	Combination	Min		-331,12	-84,814	-91,178	-8,876E-08	-2225,623	-2258,4642
36	31	SEISMOSY-0.24g	Combination	Max		99,336	282,712	91,178	1,068E-07	2327,7447	7854,7685
36	33	SEISMOSY-0.24g	Combination	Max		99,336	282,712	91,178	1,068E-07	2225,6227	7528,2139
36	31	SEISMOSY-0.24g	Combination	Min		-99,336	-282,712	-91,178	-1,068E-07	-2327,745	-7854,7685
36	33	SEISMOSY-0.24g	Combination	Min		-99,336	-282,712	-91,178	-1,068E-07	-2225,623	-7528,2139
36	31	SEISMOSZ-0.24g	Combination	Max		99,336	84,814	303,926	1,433E-07	7759,1488	2356,4307
36	33	SEISMOSZ-0.24g	Combination	Max		99,336	84,814	303,926	1,433E-07	7418,7422	2258,4644
36	31	SEISMOSZ-0.24g	Combination	Min		-99,336	-84,814	-303,926	-1,433E-07	-7759,149	-2356,4307
36	33	SEISMOSZ-0.24g	Combination	Min		-99,336	-84,814	-303,926	-1,433E-07	-7418,742	-2258,4644
37	33	G	LinStatic			0	0	0	0	0	0
37	35	G	LinStatic			0	0	0	0	0	0
37	33	G1	LinStatic			0	0	0	0	0	0
37	35	G1	LinStatic			0	0	0	0	0	0
37	33	G21	LinStatic			0	0	-106,036	0	2214,0233	0
37	35	G21	LinStatic			0	0	176,726	0	-2050,022	0
37	33	Q	LinStatic			0	0	-151,102	0	3155,0014	0
37	35	Q	LinStatic			0	0	251,836	0	-2921,298	0
37	33	TEMP	LinStatic			1172,39	0	0	0	0	0
37	35	TEMP	LinStatic			-1172,4	0	0	0	0	0
37	33	EQX-0.24g-B	LinRespSpec	Max		662,179	3,883E-05	1,692E-05	3,603E-08	9,861E-06	0,00002763
37	35	EQX-0.24g-B	LinRespSpec	Max		662,179	3,883E-05	1,692E-05	3,603E-08	9,767E-06	0,00001741
37	33	EQY-0.24g-B	LinRespSpec	Max		6,8E-05	556,924	5,866E-05	6,18E-08	4,096E-05	7528,2138
37	35	EQY-0.24g-B	LinRespSpec	Max		6,8E-05	556,924	5,866E-05	6,18E-08	2,751E-05	6884,6202
37	33	EQZ-0.24g-B	LinRespSpec	Max		0,00015	0,0001202	582,959	1,139E-07	7418,7421	0,0002106
37	35	EQZ-0.24g-B	LinRespSpec	Max		0,00015	0,0001202	582,959	1,139E-07	6755,4278	0,00009925
37	33	SEISMOSX-	Combination	Max		662,179	167,077	174,888	8,876E-08	2225,6227	2258,4642

		0.24g									
37	35	SEISMOSX-0.24g	Combination	Max		662,179	167,077	174,888	8,876E-08	2026,6284	2065,3861
37	33	SEISMOSX-0.24g	Combination	Min		-662,18	-167,077	-174,888	-8,876E-08	-2225,623	-2258,4642
37	35	SEISMOSX-0.24g	Combination	Min		-662,18	-167,077	-174,888	-8,876E-08	-2026,628	-2065,3861
37	33	SEISMOSY-0.24g	Combination	Max		198,654	556,924	174,888	1,068E-07	2225,6227	7528,2139
37	35	SEISMOSY-0.24g	Combination	Max		198,654	556,924	174,888	1,068E-07	2026,6284	6884,6203
37	33	SEISMOSY-0.24g	Combination	Min		-198,65	-556,924	-174,888	-1,068E-07	-2225,623	-7528,2139
37	35	SEISMOSY-0.24g	Combination	Min		-198,65	-556,924	-174,888	-1,068E-07	-2026,628	-6884,6203
37	33	SEISMOSZ-0.24g	Combination	Max		198,654	167,077	582,959	1,433E-07	7418,7422	2258,4644
37	35	SEISMOSZ-0.24g	Combination	Max		198,654	167,077	582,959	1,433E-07	6755,4278	2065,3862
37	33	SEISMOSZ-0.24g	Combination	Min		-198,65	-167,077	-582,959	-1,433E-07	-7418,742	-2258,4644
37	35	SEISMOSZ-0.24g	Combination	Min		-198,65	-167,077	-582,959	-1,433E-07	-6755,428	-2065,3862
38	35	G	LinStatic			0	0	0	0	0	0
38	37	G	LinStatic			0	0	0	0	0	0
38	35	G1	LinStatic			0	0	0	0	0	0
38	37	G1	LinStatic			0	0	0	0	0	0
38	35	G21	LinStatic			0	0	-176,726	0	2050,0216	0
38	37	G21	LinStatic			0	0	247,416	0	-1804,019	0
38	35	Q	LinStatic			0	0	-251,836	0	2921,2976	0
38	37	Q	LinStatic			0	0	352,57	0	-2570,742	0
38	35	TEMP	LinStatic			1172,39	0	0	0	0	0
38	37	TEMP	LinStatic			-1172,4	0	0	0	0	0
38	35	EQX-0.24g-B	LinRespSpec	Max		993,124	1,001E-05	1,399E-05	3,603E-08	9,767E-06	0,00001741
38	37	EQX-0.24g-B	LinRespSpec	Max		993,124	1,001E-05	1,399E-05	3,603E-08	6,466E-06	0,00002902
38	35	EQY-0.24g-B	LinRespSpec	Max		5E-05	814,76	2,803E-05	6,18E-08	2,751E-05	6884,6202
38	37	EQY-0.24g-B	LinRespSpec	Max		5E-05	814,76	2,803E-05	6,18E-08	7,149E-06	5942,3916
38	35	EQZ-0.24g-B	LinRespSpec	Max		0,00014	0,0002037	831,569	1,139E-07	6755,4278	0,00009925
38	37	EQZ-0.24g-B	LinRespSpec	Max		0,00014	0,0002037	831,569	1,139E-07	5798,7437	0,0001536
38	35	SEISMOSX-0.24g	Combination	Max		993,124	244,428	249,471	8,876E-08	2026,6284	2065,3861
38	37	SEISMOSX-0.24g	Combination	Max		993,124	244,428	249,471	8,876E-08	1739,6231	1782,7175
38	35	SEISMOSX-0.24g	Combination	Min		-993,12	-244,428	-249,471	-8,876E-08	-2026,628	-2065,3861
38	37	SEISMOSX-0.24g	Combination	Min		-993,12	-244,428	-249,471	-8,876E-08	-1739,623	-1782,7175
38	35	SEISMOSY-0.24g	Combination	Max		297,937	814,76	249,471	1,068E-07	2026,6284	6884,6203
38	37	SEISMOSY-0.24g	Combination	Max		297,937	814,76	249,471	1,068E-07	1739,6231	5942,3916
38	35	SEISMOSY-0.24g	Combination	Min		-297,94	-814,76	-249,471	-1,068E-07	-2026,628	-6884,6203
38	37	SEISMOSY-0.24g	Combination	Min		-297,94	-814,76	-249,471	-1,068E-07	-1739,623	-5942,3916
38	35	SEISMOSZ-0.24g	Combination	Max		297,937	244,428	831,569	1,433E-07	6755,4278	2065,3862
38	37	SEISMOSZ-0.24g	Combination	Max		297,937	244,428	831,569	1,433E-07	5798,7437	1782,7176
38	35	SEISMOSZ-0.24g	Combination	Min		-297,94	-244,428	-831,569	-1,433E-07	-6755,428	-2065,3862
38	37	SEISMOSZ-0.24g	Combination	Min		-297,94	-244,428	-831,569	-1,433E-07	-5798,744	-1782,7176
39	37	G	LinStatic			0	0	0	0	0	0
39	39	G	LinStatic			0	0	0	0	0	0
39	37	G1	LinStatic			0	0	0	0	0	0
39	39	G1	LinStatic			0	0	0	0	0	0
39	37	G21	LinStatic			0	0	-247,416	0	1804,019	0
39	39	G21	LinStatic			0	0	318,107	0	-1476,016	0
39	37	Q	LinStatic			0	0	-352,57	0	2570,7419	0

39	39	Q	LinStatic			0	0	453,305	0	-2103,334	0
39	37	TEMP	LinStatic			1172,39	0	0	0	0	0
39	39	TEMP	LinStatic			-1172,4	0	0	0	0	0
39	37	EQX-0.24g-B	LinRespSpec	Max		1323,89	2,788E-05	4,957E-06	3,603E-08	6,466E-06	0,00002902
39	39	EQX-0.24g-B	LinRespSpec	Max		1323,89	2,788E-05	4,957E-06	3,603E-08	7,161E-07	3,325E-06
39	37	EQY-0.24g-B	LinRespSpec	Max		3,3E-05	1049,5	0,0000116	6,18E-08	7,149E-06	5942,3916
39	39	EQY-0.24g-B	LinRespSpec	Max		3,3E-05	1049,5	0,0000116	6,18E-08	0,0000154	4727,6521
39	37	EQZ-0.24g-B	LinRespSpec	Max		8,7E-05	5,542E-05	1047,467	1,139E-07	5798,7437	0,0001536
39	39	EQZ-0.24g-B	LinRespSpec	Max		8,7E-05	5,542E-05	1047,467	1,139E-07	4589,4445	0,00009787
39	37	SEISMOSX-0.24g	Combination	Max		1323,89	314,85	314,24	8,876E-08	1739,6231	1782,7175
39	39	SEISMOSX-0.24g	Combination	Max		1323,89	314,85	314,24	8,876E-08	1376,8334	1418,2957
39	37	SEISMOSX-0.24g	Combination	Min		-1323,9	-314,85	-314,24	-8,876E-08	-1739,623	-1782,7175
39	39	SEISMOSX-0.24g	Combination	Min		-1323,9	-314,85	-314,24	-8,876E-08	-1376,833	-1418,2957
39	37	SEISMOSY-0.24g	Combination	Max		397,168	1049,5	314,24	1,068E-07	1739,6231	5942,3916
39	39	SEISMOSY-0.24g	Combination	Max		397,168	1049,5	314,24	1,068E-07	1376,8334	4727,6521
39	37	SEISMOSY-0.24g	Combination	Min		-397,17	-1049,5	-314,24	-1,068E-07	-1739,623	-5942,3916
39	39	SEISMOSY-0.24g	Combination	Min		-397,17	-1049,5	-314,24	-1,068E-07	-1376,833	-4727,6521
39	37	SEISMOSZ-0.24g	Combination	Max		397,168	314,85	1047,467	1,433E-07	5798,7437	1782,7176
39	39	SEISMOSZ-0.24g	Combination	Max		397,168	314,85	1047,467	1,433E-07	4589,4445	1418,2957
39	37	SEISMOSZ-0.24g	Combination	Min		-397,17	-314,85	-1047,467	-1,433E-07	-5798,744	-1782,7176
39	39	SEISMOSZ-0.24g	Combination	Min		-397,17	-314,85	-1047,467	-1,433E-07	-4589,445	-1418,2957
40	39	G	LinStatic			0	0	0	0	0	0
40	41	G	LinStatic			0	0	0	0	0	0
40	39	G1	LinStatic			0	0	0	0	0	0
40	41	G1	LinStatic			0	0	0	0	0	0
40	39	G21	LinStatic			0	0	-318,107	0	1476,0156	0
40	41	G21	LinStatic			0	0	388,797	0	-1066,011	0
40	39	Q	LinStatic			0	0	-453,305	0	2103,3343	0
40	41	Q	LinStatic			0	0	554,039	0	-1519,075	0
40	39	TEMP	LinStatic			1172,39	0	0	0	0	0
40	41	TEMP	LinStatic			-1172,4	0	0	0	0	0
40	39	EQX-0.24g-B	LinRespSpec	Max		1654,43	1,526E-05	8,658E-06	3,603E-08	7,161E-07	3,325E-06
40	41	EQX-0.24g-B	LinRespSpec	Max		1654,43	1,526E-05	8,658E-06	3,603E-08	9,328E-06	0,00002103
40	39	EQY-0.24g-B	LinRespSpec	Max		2,1E-05	1255,944	3,307E-05	6,18E-08	0,0000154	4727,6521
40	41	EQY-0.24g-B	LinRespSpec	Max		2,1E-05	1255,944	3,307E-05	6,18E-08	2,355E-05	3272,6937
40	39	EQZ-0.24g-B	LinRespSpec	Max		8E-05	0,0001878	1218,978	1,139E-07	4589,4445	0,00009787
40	41	EQZ-0.24g-B	LinRespSpec	Max		8E-05	0,0001878	1218,978	1,139E-07	3179,7001	0,0001258
40	39	SEISMOSX-0.24g	Combination	Max		1654,43	376,783	365,693	8,876E-08	1376,8334	1418,2957
40	41	SEISMOSX-0.24g	Combination	Max		1654,43	376,783	365,693	8,876E-08	953,91	981,8082
40	39	SEISMOSX-0.24g	Combination	Min		-1654,4	-376,783	-365,693	-8,876E-08	-1376,833	-1418,2957
40	41	SEISMOSX-0.24g	Combination	Min		-1654,4	-376,783	-365,693	-8,876E-08	-953,91	-981,8082
40	39	SEISMOSY-0.24g	Combination	Max		496,33	1255,944	365,693	1,068E-07	1376,8334	4727,6521
40	41	SEISMOSY-0.24g	Combination	Max		496,33	1255,944	365,693	1,068E-07	953,91	3272,6938
40	39	SEISMOSY-0.24g	Combination	Min		-496,33	-1255,944	-365,693	-1,068E-07	-1376,833	-4727,6521
40	41	SEISMOSY-0.24g	Combination	Min		-496,33	-1255,944	-365,693	-1,068E-07	-953,91	-3272,6938
40	39	SEISMOSZ-	Combination	Max		496,33	376,783	1218,978	1,433E-07	4589,4445	1418,2957

		0.24g									
40	41	SEISMOSZ-0.24g	Combination	Max		496,33	376,783	1218,978	1,433E-07	3179,7001	981,8083
40	39	SEISMOSZ-0.24g	Combination	Min		-496,33	-376,783	-1218,978	-1,433E-07	-4589,445	-1418,2957
40	41	SEISMOSZ-0.24g	Combination	Min		-496,33	-376,783	-1218,978	-1,433E-07	-3179,7	-981,8083
41	41	G	LinStatic			0	0	0	0	0	0
41	43	G	LinStatic			0	0	0	0	0	0
41	41	G1	LinStatic			0	0	0	0	0	0
41	43	G1	LinStatic			0	0	0	0	0	0
41	41	G21	LinStatic			0	0	-388,797	0	1066,0112	0
41	43	G21	LinStatic			0	0	459,488	0	-574,006	0
41	41	Q	LinStatic			0	0	-554,039	0	1519,0748	0
41	43	Q	LinStatic			0	0	654,774	0	-817,9633	0
41	41	TEMP	LinStatic			1172,39	0	0	0	0	0
41	43	TEMP	LinStatic			-1172,4	0	0	0	0	0
41	41	EQX-0.24g-B	LinRespSpec	Max		1984,68	3,049E-06	1,747E-05	3,603E-08	9,328E-06	0,00002103
41	43	EQX-0.24g-B	LinRespSpec	Max		1984,68	3,049E-06	1,747E-05	3,603E-08	1,094E-05	0,00001749
41	41	EQY-0.24g-B	LinRespSpec	Max		3,1E-05	1430,576	3,624E-05	6,18E-08	2,355E-05	3272,6937
41	43	EQY-0.24g-B	LinRespSpec	Max		3,1E-05	1430,576	3,624E-05	6,18E-08	1,863E-05	1614,2402
41	41	EQZ-0.24g-B	LinRespSpec	Max		0,00012	0,0001167	1338,549	1,139E-07	3179,7001	0,0001258
41	43	EQZ-0.24g-B	LinRespSpec	Max		0,00012	0,0001167	1338,549	1,139E-07	1628,3952	0,0002368
41	41	SEISMOSX-0.24g	Combination	Max		1984,68	429,173	401,565	8,876E-08	953,91	981,8082
41	43	SEISMOSX-0.24g	Combination	Max		1984,68	429,173	401,565	8,876E-08	488,5186	484,2722
41	41	SEISMOSX-0.24g	Combination	Min		-1984,7	-429,173	-401,565	-8,876E-08	-953,91	-981,8082
41	43	SEISMOSX-0.24g	Combination	Min		-1984,7	-429,173	-401,565	-8,876E-08	-488,5186	-484,2722
41	41	SEISMOSY-0.24g	Combination	Max		595,404	1430,577	401,565	1,068E-07	953,91	3272,6938
41	43	SEISMOSY-0.24g	Combination	Max		595,404	1430,577	401,565	1,068E-07	488,5186	1614,2403
41	41	SEISMOSY-0.24g	Combination	Min		-595,4	-1430,577	-401,565	-1,068E-07	-953,91	-3272,6938
41	43	SEISMOSY-0.24g	Combination	Min		-595,4	-1430,577	-401,565	-1,068E-07	-488,5186	-1614,2403
41	41	SEISMOSZ-0.24g	Combination	Max		595,404	429,173	1338,549	1,433E-07	3179,7001	981,8083
41	43	SEISMOSZ-0.24g	Combination	Max		595,404	429,173	1338,549	1,433E-07	1628,3952	484,2723
41	41	SEISMOSZ-0.24g	Combination	Min		-595,4	-429,173	-1338,549	-1,433E-07	-3179,7	-981,8083
41	43	SEISMOSZ-0.24g	Combination	Min		-595,4	-429,173	-1338,549	-1,433E-07	-1628,395	-484,2723
42	43	G	LinStatic			0	0	0	0	0	0
42	45	G	LinStatic			0	0	0	0	0	0
42	43	G1	LinStatic			0	0	0	0	0	0
42	45	G1	LinStatic			0	0	0	0	0	0
42	43	G21	LinStatic			0	0	-459,488	0	574,006	0
42	45	G21	LinStatic			0	0	530,178	0	-4,42E-12	0
42	43	Q	LinStatic			0	0	-654,774	0	817,9633	0
42	45	Q	LinStatic			0	0	755,508	0	-2,02E-12	0
42	43	TEMP	LinStatic			1172,39	0	0	0	0	0
42	45	TEMP	LinStatic			-1172,4	0	0	0	0	0
42	43	EQX-0.24g-B	LinRespSpec	Max		2314,58	1,522E-05	9,431E-06	3,603E-08	1,094E-05	0,00001749
42	45	EQX-0.24g-B	LinRespSpec	Max		2314,58	1,522E-05	9,431E-06	3,603E-08	0	1,714E-07
42	43	EQY-0.24g-B	LinRespSpec	Max		8,3E-05	1571,529	1,606E-05	6,18E-08	1,863E-05	1614,2402
42	45	EQY-0.24g-B	LinRespSpec	Max		8,3E-05	1571,529	1,606E-05	6,18E-08	0	209,1004
42	43	EQZ-0.24g-B	LinRespSpec	Max		0,0002	0,0002055	1403,789	1,139E-07	1628,3952	0,0002368
42	45	EQZ-0.24g-B	LinRespSpec	Max		0,0002	0,0002055	1403,789	1,139E-07	6,208E-12	1,611E-06
42	43	SEISMOSX-	Combination	Max		2314,58	471,459	421,137	8,876E-08	488,5186	484,2722

		0.24g									
42	45	SEISMOSX-0.24g	Combination	Max		2314,58	471,459	421,137	8,876E-08	1,863E-12	62,7301
42	43	SEISMOSX-0.24g	Combination	Min		-2314,6	-471,459	-421,137	-8,876E-08	-488,5186	-484,2722
42	45	SEISMOSX-0.24g	Combination	Min		-2314,6	-471,459	-421,137	-8,876E-08	-1,86E-12	-62,7301
42	43	SEISMOSY-0.24g	Combination	Max		694,375	1571,529	421,137	1,068E-07	488,5186	1614,2403
42	45	SEISMOSY-0.24g	Combination	Max		694,375	1571,529	421,137	1,068E-07	1,863E-12	209,1004
42	43	SEISMOSY-0.24g	Combination	Min		-694,38	-1571,529	-421,137	-1,068E-07	-488,5186	-1614,2403
42	45	SEISMOSY-0.24g	Combination	Min		-694,38	-1571,529	-421,137	-1,068E-07	-1,86E-12	-209,1004
42	43	SEISMOSZ-0.24g	Combination	Max		694,375	471,459	1403,789	1,433E-07	1628,3952	484,2723
42	45	SEISMOSZ-0.24g	Combination	Max		694,375	471,459	1403,789	1,433E-07	6,208E-12	62,7301
42	43	SEISMOSZ-0.24g	Combination	Min		-694,38	-471,459	-1403,789	-1,433E-07	-1628,395	-484,2723
42	45	SEISMOSZ-0.24g	Combination	Min		-694,38	-471,459	-1403,789	-1,433E-07	-6,21E-12	-62,7301

TABLE: Joint Accelerations - Absolute											
Joint	OutputCase	CaseType	StepType	StepNum	U1	U2	U3	R1	R2	R3	
Text	Text	Text	Text	Unitless	m/sec2	m/sec2	m/sec2	rad/sec2	rad/sec2	rad/sec2	
13	G	LinStatic			0,00109	-1,102E-09	-3,389E-09	1,023E-10	1,323E-08	-4,378E-10	
13	G1	LinStatic			0,00109	-1,102E-09	-3,389E-09	1,023E-10	1,323E-08	-4,378E-10	
13	G21	LinStatic			0,00109	-1,102E-09	-3,389E-09	1,023E-10	1,323E-08	-4,378E-10	
13	Q	LinStatic			0,00109	-1,102E-09	-3,389E-09	1,023E-10	1,323E-08	-4,378E-10	
13	TEMP	LinStatic			0,00109	-1,102E-09	-3,389E-09	1,023E-10	1,323E-08	-4,378E-10	
13	EQX-0.24g-B	LinRespSpec	Max		0	0	0	0	0	0	
13	EQY-0.24g-B	LinRespSpec	Max		0	0	0	0	0	0	
13	EQZ-0.24g-B	LinRespSpec	Max		0	0	0	0	0	0	
13	SEISMOSX-0.24g	Combination	Max		0	0	0	0	0	0	
13	SEISMOSX-0.24g	Combination	Min		0	0	0	0	0	0	
13	SEISMOSY-0.24g	Combination	Max		0	0	0	0	0	0	
13	SEISMOSY-0.24g	Combination	Min		0	0	0	0	0	0	
13	SEISMOSZ-0.24g	Combination	Max		0	0	0	0	0	0	
13	SEISMOSZ-0.24g	Combination	Min		0	0	0	0	0	0	
14	G	LinStatic			0	0	0	0	0	0	
14	G1	LinStatic			0	0	0	0	0	0	
14	G21	LinStatic			0	0	0	0	0	0	
14	Q	LinStatic			0	0	0	0	0	0	
14	TEMP	LinStatic			0	0	0	0	0	0	
14	EQX-0.24g-B	LinRespSpec	Max		0	0	0	0	0	0	
14	EQY-0.24g-B	LinRespSpec	Max		0	0	0	0	0	0	
14	EQZ-0.24g-B	LinRespSpec	Max		0	0	0	0	0	0	
14	SEISMOSX-0.24g	Combination	Max		0	0	0	0	0	0	
14	SEISMOSX-0.24g	Combination	Min		0	0	0	0	0	0	
14	SEISMOSY-0.24g	Combination	Max		0	0	0	0	0	0	
14	SEISMOSY-0.24g	Combination	Min		0	0	0	0	0	0	
14	SEISMOSZ-	Combination	Max		0	0	0	0	0	0	

	0.24g								
14	SEISMOSZ-0.24g	Combination	Min	0	0	0	0	0	0
15	G	LinStatic		0	0	0	0	0	0
15	G1	LinStatic		0	0	0	0	0	0
15	G21	LinStatic		0	0	0	0	0	0
15	Q	LinStatic		0	0	0	0	0	0
15	TEMP	LinStatic		0	0	0	0	0	0
15	EQX-0.24g-B	LinRespSpec	Max	5,87123	1,017E-10	2,248E-11	9,517E-12	6,104E-11	4,004E-11
15	EQY-0.24g-B	LinRespSpec	Max	1,387E-08	2,33913	3,694E-09	0,22	2,083E-08	0,438
15	EQZ-0.24g-B	LinRespSpec	Max	1,911E-08	3,744E-08	0,73725	3,55E-09	1,192	1,486E-08
15	SEISMOSX-0.24g	Combination	Max	5,87123	0,70174	0,22118	0,066	0,358	0,132
15	SEISMOSX-0.24g	Combination	Min	-5,87123	-0,70174	-0,22118	-0,066	-0,358	-0,132
15	SEISMOSY-0.24g	Combination	Max	1,76137	2,33913	0,22118	0,22	0,358	0,438
15	SEISMOSY-0.24g	Combination	Min	-1,76137	-2,33913	-0,22118	-0,22	-0,358	-0,438
15	SEISMOSZ-0.24g	Combination	Max	1,76137	0,70174	0,73725	0,066	1,192	0,132
15	SEISMOSZ-0.24g	Combination	Min	-1,76137	-0,70174	-0,73725	-0,066	-1,192	-0,132
17	G	LinStatic		-0,00109	2,893E-09	-4,276E-09	-2,709E-10	-2,018E-08	-1,154E-09
17	G1	LinStatic		-0,00109	2,893E-09	-4,276E-09	-2,709E-10	-2,018E-08	-1,154E-09
17	G21	LinStatic		-0,00109	2,893E-09	-4,276E-09	-2,709E-10	-2,018E-08	-1,154E-09
17	Q	LinStatic		-0,00109	2,893E-09	-4,276E-09	-2,709E-10	-2,018E-08	-1,154E-09
17	TEMP	LinStatic		-0,00109	2,893E-09	-4,276E-09	-2,709E-10	-2,018E-08	-1,154E-09
17	EQX-0.24g-B	LinRespSpec	Max	5,87846	3,039E-10	7,223E-11	8,627E-12	1,571E-11	2,686E-11
17	EQY-0.24g-B	LinRespSpec	Max	2,461E-09	2,75743	2,185E-08	0,22	8,507E-09	0,432
17	EQZ-0.24g-B	LinRespSpec	Max	1,199E-07	2,112E-07	1,86297	3,96E-09	1,017	6,242E-09
17	SEISMOSX-0.24g	Combination	Max	5,87846	0,82723	0,55889	0,066	0,305	0,13
17	SEISMOSX-0.24g	Combination	Min	-5,87846	-0,82723	-0,55889	-0,066	-0,305	-0,13
17	SEISMOSY-0.24g	Combination	Max	1,76354	2,75743	0,55889	0,22	0,305	0,432
17	SEISMOSY-0.24g	Combination	Min	-1,76354	-2,75743	-0,55889	-0,22	-0,305	-0,432
17	SEISMOSZ-0.24g	Combination	Max	1,76354	0,82723	1,86297	0,066	1,017	0,13
17	SEISMOSZ-0.24g	Combination	Min	-1,76354	-0,82723	-1,86297	-0,066	-1,017	-0,13
19	G	LinStatic		0,01098	-5,131E-09	1,97E-08	-2,46E-10	6,249E-10	-9,041E-10
19	G1	LinStatic		0,01098	-5,131E-09	1,97E-08	-2,46E-10	6,249E-10	-9,041E-10
19	G21	LinStatic		0,01098	-5,131E-09	1,97E-08	-2,46E-10	6,249E-10	-9,041E-10
19	Q	LinStatic		0,01098	-5,131E-09	1,97E-08	-2,46E-10	6,249E-10	-9,041E-10
19	TEMP	LinStatic		0,01098	-5,131E-09	1,97E-08	-2,46E-10	6,249E-10	-9,041E-10
19	EQX-0.24g-B	LinRespSpec	Max	5,88466	2,456E-10	4,725E-11	7,742E-12	5,798E-11	5,942E-12
19	EQY-0.24g-B	LinRespSpec	Max	2,5E-08	3,23757	2,406E-08	0,22	2,075E-09	0,409
19	EQZ-0.24g-B	LinRespSpec	Max	9,51E-09	4,1E-08	2,58173	4,379E-09	1,084	2,746E-09
19	SEISMOSX-0.24g	Combination	Max	5,88466	0,97127	0,77452	0,066	0,325	0,123
19	SEISMOSX-0.24g	Combination	Min	-5,88466	-0,97127	-0,77452	-0,066	-0,325	-0,123
19	SEISMOSY-0.24g	Combination	Max	1,7654	3,23757	0,77452	0,22	0,325	0,409
19	SEISMOSY-0.24g	Combination	Min	-1,7654	-3,23757	-0,77452	-0,22	-0,325	-0,409
19	SEISMOSZ-0.24g	Combination	Max	1,7654	0,97127	2,58173	0,066	1,084	0,123
19	SEISMOSZ-0.24g	Combination	Min	-1,7654	-0,97127	-2,58173	-0,066	-1,084	-0,123

21	G	LinStatic		-0,02041	-8,296E-09	-5,905E-09	-2,211E-10	1,482E-08	-3,06E-10
21	G1	LinStatic		-0,02041	-8,296E-09	-5,905E-09	-2,211E-10	1,482E-08	-3,06E-10
21	G21	LinStatic		-0,02041	-8,296E-09	-5,905E-09	-2,211E-10	1,482E-08	-3,06E-10
21	Q	LinStatic		-0,02041	-8,296E-09	-5,905E-09	-2,211E-10	1,482E-08	-3,06E-10
21	TEMP	LinStatic		-0,02041	-8,296E-09	-5,905E-09	-2,211E-10	1,482E-08	-3,06E-10
21	EQX-0.24g-B	LinRespSpec	Max	5,88983	1,847E-10	7,306E-11	6,865E-12	4,769E-11	5,77E-12
21	EQY-0.24g-B	LinRespSpec	Max	2,678E-08	3,73471	1,947E-08	0,22	2,511E-09	0,367
21	EQZ-0.24g-B	LinRespSpec	Max	3,946E-08	1,787E-07	3,26616	4,803E-09	1,179	3,512E-09
21	SEISMOSX-0.24g	Combination	Max	5,88983	1,12041	0,97985	0,066	0,354	0,11
21	SEISMOSX-0.24g	Combination	Min	-5,88983	-1,12041	-0,97985	-0,066	-0,354	-0,11
21	SEISMOSY-0.24g	Combination	Max	1,76695	3,73471	0,97985	0,22	0,354	0,367
21	SEISMOSY-0.24g	Combination	Min	-1,76695	-3,73471	-0,97985	-0,22	-0,354	-0,367
21	SEISMOSZ-0.24g	Combination	Max	1,76695	1,12041	3,26616	0,066	1,179	0,11
21	SEISMOSZ-0.24g	Combination	Min	-1,76695	-1,12041	-3,26616	-0,066	-1,179	-0,11
23	G	LinStatic		0,02897	-3,784E-09	-1,565E-08	-1,962E-10	-7,132E-09	2,132E-10
23	G1	LinStatic		0,02897	-3,784E-09	-1,565E-08	-1,962E-10	-7,132E-09	2,132E-10
23	G21	LinStatic		0,02897	-3,784E-09	-1,565E-08	-1,962E-10	-7,132E-09	2,132E-10
23	Q	LinStatic		0,02897	-3,784E-09	-1,565E-08	-1,962E-10	-7,132E-09	2,132E-10
23	TEMP	LinStatic		0,02897	-3,784E-09	-1,565E-08	-1,962E-10	-7,132E-09	2,132E-10
23	EQX-0.24g-B	LinRespSpec	Max	5,89396	3,16E-10	7,189E-11	5,997E-12	8,087E-11	1,271E-11
23	EQY-0.24g-B	LinRespSpec	Max	2,436E-08	4,20314	2,835E-08	0,22	9,95E-09	0,308
23	EQZ-0.24g-B	LinRespSpec	Max	6,299E-08	4,029E-08	4,10056	5,233E-09	0,847	9,222E-09
23	SEISMOSX-0.24g	Combination	Max	5,89396	1,26094	1,23017	0,066	0,254	0,092
23	SEISMOSX-0.24g	Combination	Min	-5,89396	-1,26094	-1,23017	-0,066	-0,254	-0,092
23	SEISMOSY-0.24g	Combination	Max	1,76819	4,20314	1,23017	0,22	0,254	0,308
23	SEISMOSY-0.24g	Combination	Min	-1,76819	-4,20314	-1,23017	-0,22	-0,254	-0,308
23	SEISMOSZ-0.24g	Combination	Max	1,76819	1,26094	4,10056	0,066	0,847	0,092
23	SEISMOSZ-0.24g	Combination	Min	-1,76819	-1,26094	-4,10056	-0,066	-0,847	-0,092
25	G	LinStatic		-0,0363	4,148E-09	1,117E-08	-1,714E-10	-9,765E-09	2,745E-10
25	G1	LinStatic		-0,0363	4,148E-09	1,117E-08	-1,714E-10	-9,765E-09	2,745E-10
25	G21	LinStatic		-0,0363	4,148E-09	1,117E-08	-1,714E-10	-9,765E-09	2,745E-10
25	Q	LinStatic		-0,0363	4,148E-09	1,117E-08	-1,714E-10	-9,765E-09	2,745E-10
25	TEMP	LinStatic		-0,0363	4,148E-09	1,117E-08	-1,714E-10	-9,765E-09	2,745E-10
25	EQX-0.24g-B	LinRespSpec	Max	5,89706	7,976E-11	1,249E-10	5,144E-12	1,318E-10	1,931E-11
25	EQY-0.24g-B	LinRespSpec	Max	3,701E-09	4,59954	4,277E-08	0,22	2,735E-09	0,232
25	EQZ-0.24g-B	LinRespSpec	Max	9,152E-09	2,067E-07	4,63898	5,666E-09	0,888	2,474E-09
25	SEISMOSX-0.24g	Combination	Max	5,89706	1,37986	1,39169	0,066	0,266	0,07
25	SEISMOSX-0.24g	Combination	Min	-5,89706	-1,37986	-1,39169	-0,066	-0,266	-0,07
25	SEISMOSY-0.24g	Combination	Max	1,76912	4,59954	1,39169	0,22	0,266	0,232
25	SEISMOSY-0.24g	Combination	Min	-1,76912	-4,59954	-1,39169	-0,22	-0,266	-0,232
25	SEISMOSZ-0.24g	Combination	Max	1,76912	1,37986	4,63898	0,066	0,888	0,07
25	SEISMOSZ-0.24g	Combination	Min	-1,76912	-1,37986	-4,63898	-0,066	-0,888	-0,07
27	G	LinStatic		0,04209	8,342E-09	7,601E-09	-1,465E-10	9,673E-09	-1,044E-10
27	G1	LinStatic		0,04209	8,342E-09	7,601E-09	-1,465E-10	9,673E-09	-1,044E-10
27	G21	LinStatic		0,04209	8,342E-09	7,601E-09	-1,465E-10	9,673E-09	-1,044E-10

27	Q	LinStatic		0,04209	8,342E-09	7,601E-09	-1,465E-10	9,673E-09	-1,044E-10
27	TEMP	LinStatic		0,04209	8,342E-09	7,601E-09	-1,465E-10	9,673E-09	-1,044E-10
27	EQX-0.24g-B	LinRespSpec	Max	5,89913	2,755E-10	2,473E-10	4,316E-12	2,184E-11	5,566E-12
27	EQY-0.24g-B	LinRespSpec	Max	3,137E-08	4,88678	3,151E-08	0,22	2,356E-08	0,145
27	EQZ-0.24g-B	LinRespSpec	Max	6,317E-09	4,35E-08	5,02157	6,103E-09	1,022	8,703E-09
27	SEISMOSX-0.24g	Combination	Max	5,89913	1,46603	1,50647	0,066	0,306	0,043
27	SEISMOSX-0.24g	Combination	Min	-5,89913	-1,46603	-1,50647	-0,066	-0,306	-0,043
27	SEISMOSY-0.24g	Combination	Max	1,76974	4,88678	1,50647	0,22	0,306	0,145
27	SEISMOSY-0.24g	Combination	Min	-1,76974	-4,88678	-1,50647	-0,22	-0,306	-0,145
27	SEISMOSZ-0.24g	Combination	Max	1,76974	1,46603	5,02157	0,066	1,022	0,043
27	SEISMOSZ-0.24g	Combination	Min	-1,76974	-1,46603	-5,02157	-0,066	-1,022	-0,043
29	G	LinStatic		-0,04609	5,399E-09	-1,199E-08	-1,216E-10	2,965E-09	-5,406E-10
29	G1	LinStatic		-0,04609	5,399E-09	-1,199E-08	-1,216E-10	2,965E-09	-5,406E-10
29	G21	LinStatic		-0,04609	5,399E-09	-1,199E-08	-1,216E-10	2,965E-09	-5,406E-10
29	Q	LinStatic		-0,04609	5,399E-09	-1,199E-08	-1,216E-10	2,965E-09	-5,406E-10
29	TEMP	LinStatic		-0,04609	5,399E-09	-1,199E-08	-1,216E-10	2,965E-09	-5,406E-10
29	EQX-0.24g-B	LinRespSpec	Max	5,90016	7,886E-11	1,264E-10	3,529E-12	1,329E-10	8,684E-12
29	EQY-0.24g-B	LinRespSpec	Max	3,048E-08	5,03761	1,433E-08	0,22	3,705E-08	0,049
29	EQZ-0.24g-B	LinRespSpec	Max	4,268E-08	1,277E-07	5,41563	6,541E-09	0,465	6,355E-09
29	SEISMOSX-0.24g	Combination	Max	5,90016	1,51128	1,62469	0,066	0,14	0,015
29	SEISMOSX-0.24g	Combination	Min	-5,90016	-1,51128	-1,62469	-0,066	-0,14	-0,015
29	SEISMOSY-0.24g	Combination	Max	1,77005	5,03761	1,62469	0,22	0,14	0,049
29	SEISMOSY-0.24g	Combination	Min	-1,77005	-5,03761	-1,62469	-0,22	-0,14	-0,049
29	SEISMOSZ-0.24g	Combination	Max	1,77005	1,51128	5,41563	0,066	0,465	0,015
29	SEISMOSZ-0.24g	Combination	Min	-1,77005	-1,51128	-5,41563	-0,066	-0,465	-0,015
31	G	LinStatic		0,04813	-1,603E-09	5,998E-10	-9,673E-11	-8,285E-09	-6,438E-10
31	G1	LinStatic		0,04813	-1,603E-09	5,998E-10	-9,673E-11	-8,285E-09	-6,438E-10
31	G21	LinStatic		0,04813	-1,603E-09	5,998E-10	-9,673E-11	-8,285E-09	-6,438E-10
31	Q	LinStatic		0,04813	-1,603E-09	5,998E-10	-9,673E-11	-8,285E-09	-6,438E-10
31	TEMP	LinStatic		0,04813	-1,603E-09	5,998E-10	-9,673E-11	-8,285E-09	-6,438E-10
31	EQX-0.24g-B	LinRespSpec	Max	5,90016	2,297E-10	7,761E-11	2,818E-12	1,056E-10	4,032E-12
31	EQY-0.24g-B	LinRespSpec	Max	2,016E-08	5,03761	5,774E-08	0,22	2,084E-08	0,049
31	EQZ-0.24g-B	LinRespSpec	Max	1,527E-07	3,335E-07	5,41563	6,982E-09	0,465	9,382E-09
31	SEISMOSX-0.24g	Combination	Max	5,90016	1,51128	1,62469	0,066	0,14	0,015
31	SEISMOSX-0.24g	Combination	Min	-5,90016	-1,51128	-1,62469	-0,066	-0,14	-0,015
31	SEISMOSY-0.24g	Combination	Max	1,77005	5,03761	1,62469	0,22	0,14	0,049
31	SEISMOSY-0.24g	Combination	Min	-1,77005	-5,03761	-1,62469	-0,22	-0,14	-0,049
31	SEISMOSZ-0.24g	Combination	Max	1,77005	1,51128	5,41563	0,066	0,465	0,015
31	SEISMOSZ-0.24g	Combination	Min	-1,77005	-1,51128	-5,41563	-0,066	-0,465	-0,015
33	G	LinStatic		-0,04813	-6,487E-09	7,838E-09	-7,186E-11	2,685E-09	-3,487E-10
33	G1	LinStatic		-0,04813	-6,487E-09	7,838E-09	-7,186E-11	2,685E-09	-3,487E-10
33	G21	LinStatic		-0,04813	-6,487E-09	7,838E-09	-7,186E-11	2,685E-09	-3,487E-10
33	Q	LinStatic		-0,04813	-6,487E-09	7,838E-09	-7,186E-11	2,685E-09	-3,487E-10
33	TEMP	LinStatic		-0,04813	-6,487E-09	7,838E-09	-7,186E-11	2,685E-09	-3,487E-10
33	EQX-0.24g-B	LinRespSpec	Max	5,89913	2,244E-10	1,322E-10	2,256E-12	2,726E-11	1,29E-11



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33	EQY-0.24g-B	LinRespSpec	Max	5,181E-09	4,88678	6,403E-08	0,22	1,002E-08	0,145
33	EQZ-0.24g-B	LinRespSpec	Max	7,368E-08	4,151E-07	5,02157	7,424E-09	1,022	5,343E-09
33	SEISMOSX-0.24g	Combination	Max	5,89913	1,46603	1,50647	0,066	0,306	0,043
33	SEISMOSX-0.24g	Combination	Min	-5,89913	-1,46603	-1,50647	-0,066	-0,306	-0,043
33	SEISMOSY-0.24g	Combination	Max	1,76974	4,88678	1,50647	0,22	0,306	0,145
33	SEISMOSY-0.24g	Combination	Min	-1,76974	-4,88678	-1,50647	-0,22	-0,306	-0,145
33	SEISMOSZ-0.24g	Combination	Max	1,76974	1,46603	5,02157	0,066	1,022	0,043
33	SEISMOSZ-0.24g	Combination	Min	-1,76974	-1,46603	-5,02157	-0,066	-1,022	-0,043
35	G	LinStatic		0,04609	-5,738E-09	-5,907E-09	-4,698E-11	3,383E-09	7,383E-11
35	G1	LinStatic		0,04609	-5,738E-09	-5,907E-09	-4,698E-11	3,383E-09	7,383E-11
35	G21	LinStatic		0,04609	-5,738E-09	-5,907E-09	-4,698E-11	3,383E-09	7,383E-11
35	Q	LinStatic		0,04609	-5,738E-09	-5,907E-09	-4,698E-11	3,383E-09	7,383E-11
35	TEMP	LinStatic		0,04609	-5,738E-09	-5,907E-09	-4,698E-11	3,383E-09	7,383E-11
35	EQX-0.24g-B	LinRespSpec	Max	5,89706	1,472E-10	1,144E-10	1,975E-12	2,428E-11	1,591E-11
35	EQY-0.24g-B	LinRespSpec	Max	3,106E-08	4,59954	3,441E-08	0,22	2,826E-08	0,232
35	EQZ-0.24g-B	LinRespSpec	Max	3,71E-08	2,148E-07	4,63898	7,867E-09	0,888	1,972E-08
35	SEISMOSX-0.24g	Combination	Max	5,89706	1,37986	1,39169	0,066	0,266	0,07
35	SEISMOSX-0.24g	Combination	Min	-5,89706	-1,37986	-1,39169	-0,066	-0,266	-0,07
35	SEISMOSY-0.24g	Combination	Max	1,76912	4,59954	1,39169	0,22	0,266	0,232
35	SEISMOSY-0.24g	Combination	Min	-1,76912	-4,59954	-1,39169	-0,22	-0,266	-0,232
35	SEISMOSZ-0.24g	Combination	Max	1,76912	1,37986	4,63898	0,066	0,888	0,07
35	SEISMOSZ-0.24g	Combination	Min	-1,76912	-1,37986	-4,63898	-0,066	-0,888	-0,07
37	G	LinStatic		-0,04209	-1,077E-09	-2,642E-10	-2,211E-11	-5,242E-09	2,956E-10
37	G1	LinStatic		-0,04209	-1,077E-09	-2,642E-10	-2,211E-11	-5,242E-09	2,956E-10
37	G21	LinStatic		-0,04209	-1,077E-09	-2,642E-10	-2,211E-11	-5,242E-09	2,956E-10
37	Q	LinStatic		-0,04209	-1,077E-09	-2,642E-10	-2,211E-11	-5,242E-09	2,956E-10
37	TEMP	LinStatic		-0,04209	-1,077E-09	-2,642E-10	-2,211E-11	-5,242E-09	2,956E-10
37	EQX-0.24g-B	LinRespSpec	Max	5,89396	2,472E-10	9,176E-11	2,091E-12	4,552E-11	4,005E-12
37	EQY-0.24g-B	LinRespSpec	Max	1,38E-08	4,20314	4,898E-09	0,22	2,467E-08	0,308
37	EQZ-0.24g-B	LinRespSpec	Max	6,467E-08	3,196E-07	4,10056	8,311E-09	0,847	1,801E-08
37	SEISMOSX-0.24g	Combination	Max	5,89396	1,26094	1,23017	0,066	0,254	0,092
37	SEISMOSX-0.24g	Combination	Min	-5,89396	-1,26094	-1,23017	-0,066	-0,254	-0,092
37	SEISMOSY-0.24g	Combination	Max	1,76819	4,20314	1,23017	0,22	0,254	0,308
37	SEISMOSY-0.24g	Combination	Min	-1,76819	-4,20314	-1,23017	-0,22	-0,254	-0,308
37	SEISMOSZ-0.24g	Combination	Max	1,76819	1,26094	4,10056	0,066	0,847	0,092
37	SEISMOSZ-0.24g	Combination	Min	-1,76819	-1,26094	-4,10056	-0,066	-0,847	-0,092
39	G	LinStatic		0,0363	3,073E-09	6,717E-09	2,77E-12	3,154E-09	2,061E-10
39	G1	LinStatic		0,0363	3,073E-09	6,717E-09	2,77E-12	3,154E-09	2,061E-10
39	G21	LinStatic		0,0363	3,073E-09	6,717E-09	2,77E-12	3,154E-09	2,061E-10
39	Q	LinStatic		0,0363	3,073E-09	6,717E-09	2,77E-12	3,154E-09	2,061E-10
39	TEMP	LinStatic		0,0363	3,073E-09	6,717E-09	2,77E-12	3,154E-09	2,061E-10
39	EQX-0.24g-B	LinRespSpec	Max	5,88983	2,116E-11	2,322E-11	2,551E-12	9,313E-11	7,138E-12
39	EQY-0.24g-B	LinRespSpec	Max	3,052E-09	3,73471	2,522E-08	0,22	9,4E-09	0,367

39	EQZ-0.24g-B	LinRespSpec	Max	9,956E-08	2,606E-07	3,26616	8,756E-09	1,179	7,438E-10
39	SEISMOSX-0.24g	Combination	Max	5,88983	1,12041	0,97985	0,066	0,354	0,11
39	SEISMOSX-0.24g	Combination	Min	-5,88983	-1,12041	-0,97985	-0,066	-0,354	-0,11
39	SEISMOSY-0.24g	Combination	Max	1,76695	3,73471	0,97985	0,22	0,354	0,367
39	SEISMOSY-0.24g	Combination	Min	-1,76695	-3,73471	-0,97985	-0,22	-0,354	-0,367
39	SEISMOSZ-0.24g	Combination	Max	1,76695	1,12041	3,26616	0,066	1,179	0,11
39	SEISMOSZ-0.24g	Combination	Min	-1,76695	-1,12041	-3,26616	-0,066	-1,179	-0,11
41	G	LinStatic		-0,02897	3,944E-09	-7,777E-09	2,765E-11	4,305E-09	-5,758E-11
41	G1	LinStatic		-0,02897	3,944E-09	-7,777E-09	2,765E-11	4,305E-09	-5,758E-11
41	G21	LinStatic		-0,02897	3,944E-09	-7,777E-09	2,765E-11	4,305E-09	-5,758E-11
41	Q	LinStatic		-0,02897	3,944E-09	-7,777E-09	2,765E-11	4,305E-09	-5,758E-11
41	TEMP	LinStatic		-0,02897	3,944E-09	-7,777E-09	2,765E-11	4,305E-09	-5,758E-11
41	EQX-0.24g-B	LinRespSpec	Max	5,88466	1,495E-10	1,352E-10	3,21E-12	7,191E-11	6,048E-12
41	EQY-0.24g-B	LinRespSpec	Max	1,024E-08	3,23757	2,617E-08	0,22	4,387E-09	0,409
41	EQZ-0.24g-B	LinRespSpec	Max	3,92E-08	1,361E-07	2,58173	9,202E-09	1,084	1,15E-09
41	SEISMOSX-0.24g	Combination	Max	5,88466	0,97127	0,77452	0,066	0,325	0,123
41	SEISMOSX-0.24g	Combination	Min	-5,88466	-0,97127	-0,77452	-0,066	-0,325	-0,123
41	SEISMOSY-0.24g	Combination	Max	1,7654	3,23757	0,77452	0,22	0,325	0,409
41	SEISMOSY-0.24g	Combination	Min	-1,7654	-3,23757	-0,77452	-0,22	-0,325	-0,409
41	SEISMOSZ-0.24g	Combination	Max	1,7654	0,97127	2,58173	0,066	1,084	0,123
41	SEISMOSZ-0.24g	Combination	Min	-1,7654	-0,97127	-2,58173	-0,066	-1,084	-0,123
43	EQX-0.24g-B	LinRespSpec	Max	5,87846	1,14E-10	1,662E-10	3,97E-12	4,15E-11	1,453E-11
43	EQY-0.24g-B	LinRespSpec	Max	1,547E-08	2,75743	1,607E-08	0,22	1,015E-08	0,432
43	EQZ-0.24g-B	LinRespSpec	Max	2,73E-08	4,39E-07	1,86297	9,649E-09	1,017	2,474E-08
43	SEISMOSX-0.24g	Combination	Max	5,87846	0,82723	0,55889	0,066	0,305	0,13
43	SEISMOSX-0.24g	Combination	Min	-5,87846	-0,82723	-0,55889	-0,066	-0,305	-0,13
43	SEISMOSY-0.24g	Combination	Max	1,76354	2,75743	0,55889	0,22	0,305	0,432
43	SEISMOSY-0.24g	Combination	Min	-1,76354	-2,75743	-0,55889	-0,22	-0,305	-0,432
43	SEISMOSZ-0.24g	Combination	Max	1,76354	0,82723	1,86297	0,066	1,017	0,13
43	SEISMOSZ-0.24g	Combination	Min	-1,76354	-0,82723	-1,86297	-0,066	-1,017	-0,13
44	G	LinStatic		-0,01098	1,66E-10	1,232E-08	7,74E-11	-5,354E-11	-4,112E-10
44	G1	LinStatic		-0,01098	1,66E-10	1,232E-08	7,74E-11	-5,354E-11	-4,112E-10
44	G21	LinStatic		-0,01098	1,66E-10	1,232E-08	7,74E-11	-5,354E-11	-4,112E-10
44	Q	LinStatic		-0,01098	1,66E-10	1,232E-08	7,74E-11	-5,354E-11	-4,112E-10
44	TEMP	LinStatic		-0,01098	1,66E-10	1,232E-08	7,74E-11	-5,354E-11	-4,112E-10
44	EQX-0.24g-B	LinRespSpec	Max	0	0	0	0	0	0
44	EQY-0.24g-B	LinRespSpec	Max	0	0	0	0	0	0
44	EQZ-0.24g-B	LinRespSpec	Max	0	0	0	0	0	0
44	SEISMOSX-0.24g	Combination	Max	0	0	0	0	0	0
44	SEISMOSX-0.24g	Combination	Min	0	0	0	0	0	0
44	SEISMOSY-0.24g	Combination	Max	0	0	0	0	0	0
44	SEISMOSY-0.24g	Combination	Min	0	0	0	0	0	0
44	SEISMOSZ-0.24g	Combination	Max	0	0	0	0	0	0
44	SEISMOSZ-0.24g	Combination	Min	0	0	0	0	0	0

44	SEISMOSZ-0.24g	Combination	Min	0	0	0	0	0	0
45	G	LinStatic		0	0	0	0	0	0
45	G1	LinStatic		0	0	0	0	0	0
45	G21	LinStatic		0	0	0	0	0	0
45	Q	LinStatic		0	0	0	0	0	0
45	TEMP	LinStatic		0	0	0	0	0	0
45	EQX-0.24g-B	LinRespSpec	Max	5,87123	5,134E-11	3,782E-11	4,783E-12	1,657E-10	1,927E-11
45	EQY-0.24g-B	LinRespSpec	Max	1,123E-08	2,33913	2,133E-09	0,22	1,445E-08	0,438
45	EQZ-0.24g-B	LinRespSpec	Max	2,981E-08	1,075E-07	0,73725	1,01E-08	1,192	4,349E-08
45	SEISMOSX-0.24g	Combination	Max	5,87123	0,70174	0,22118	0,066	0,358	0,132
45	SEISMOSX-0.24g	Combination	Min	-5,87123	-0,70174	-0,22118	-0,066	-0,358	-0,132
45	SEISMOSY-0.24g	Combination	Max	1,76137	2,33913	0,22118	0,22	0,358	0,438
45	SEISMOSY-0.24g	Combination	Min	-1,76137	-2,33913	-0,22118	-0,22	-0,358	-0,438
45	SEISMOSZ-0.24g	Combination	Max	1,76137	0,70174	0,73725	0,066	1,192	0,132
45	SEISMOSZ-0.24g	Combination	Min	-1,76137	-0,70174	-0,73725	-0,066	-1,192	-0,132

**TABLE: Joint Displacements**

Joint	OutputCase	CaseType	StepType	StepNum	U1	U2	U3	R1	R2	R3
Text	Text	Text	Text	Unitless	m	m	m	Radians	Radians	Radians
13	G	LinStatic			0	0	0	0	0	0
13	G1	LinStatic			0	0	0	0	0	0
13	G21	LinStatic			0	0	0	0	0	0
13	Q	LinStatic			0	0	0	0	0	0
13	TEMP	LinStatic			0	0	0	0	0	0
13	EQX-0.24g-B	LinRespSpec	Max		0	0	0	0	0	0
13	EQY-0.24g-B	LinRespSpec	Max		0	0	0	0	0	0
13	EQZ-0.24g-B	LinRespSpec	Max		0	0	0	0	0	0
13	SEISMOSX-0.24g	Combination	Max		0	0	0	0	0	0
13	SEISMOSX-0.24g	Combination	Min		0	0	0	0	0	0
13	SEISMOSY-0.24g	Combination	Max		0	0	0	0	0	0
13	SEISMOSY-0.24g	Combination	Min		0	0	0	0	0	0
13	SEISMOSZ-0.24g	Combination	Max		0	0	0	0	0	0
13	SEISMOSZ-0.24g	Combination	Min		0	0	0	0	0	0
14	G	LinStatic			0	0	0	0	0	0
14	G1	LinStatic			0	0	0	0	0	0
14	G21	LinStatic			0	0	0	0	0	0
14	Q	LinStatic			0	0	0	0	0	0
14	TEMP	LinStatic			0	0	0	0	0	0
14	EQX-0.24g-B	LinRespSpec	Max		0	0	0	0	0	0
14	EQY-0.24g-B	LinRespSpec	Max		0	0	0	0	0	0
14	EQZ-0.24g-B	LinRespSpec	Max		0	0	0	0	0	0
14	SEISMOSX-0.24g	Combination	Max		0	0	0	0	0	0
14	SEISMOSX-0.24g	Combination	Min		0	0	0	0	0	0

14	SEISMOSY-0.24g	Combination	Max	0	0	0	0	0	0
14	SEISMOSY-0.24g	Combination	Min	0	0	0	0	0	0
14	SEISMOSZ-0.24g	Combination	Max	0	0	0	0	0	0
14	SEISMOSZ-0.24g	Combination	Min	0	0	0	0	0	0
15	G	LinStatic		0	0	0	0	0	0
15	G1	LinStatic		0	0	0	0	0	0
15	G21	LinStatic		0	0	-1,2E-05	0	0,00069	0
15	Q	LinStatic		0	0	-1,6E-05	0	0,00099	0
15	TEMP	LinStatic		-0,003	0	0	0	0	0
15	EQX-0.24g-B	LinRespSpec	Max	0,0094	1,6E-13	1,14E-14	1,5E-14	9,5E-14	6,3E-14
15	EQY-0.24g-B	LinRespSpec	Max	2E-13	0,00018	4,11E-14	1,7E-05	2,6E-13	3,5E-05
15	EQZ-0.24g-B	LinRespSpec	Max	1E-13	3,1E-13	0,000031	2,9E-14	0,00223	1,2E-13
15	SEISMOSX-0.24g	Combination	Max	0,0094	5,5E-05	9,28E-06	5,2E-06	0,00067	1,1E-05
15	SEISMOSX-0.24g	Combination	Min	-0,009	-5,5E-05	-9,3E-06	-5,2E-06	-0,0007	-1,1E-05
15	SEISMOSY-0.24g	Combination	Max	0,0028	0,00018	9,28E-06	1,7E-05	0,00067	3,5E-05
15	SEISMOSY-0.24g	Combination	Min	-0,003	0,00018	-9,3E-06	-1,7E-05	-0,0007	-3,5E-05
15	SEISMOSZ-0.24g	Combination	Max	0,0028	5,5E-05	0,000031	5,2E-06	0,00223	1,1E-05
15	SEISMOSZ-0.24g	Combination	Min	-0,003	-5,5E-05	-3,1E-05	-5,2E-06	-0,0022	-1,1E-05
17	G	LinStatic		0	0	0	0	0	0
17	G1	LinStatic		0	0	0	0	0	0
17	G21	LinStatic		0	0	-0,00081	0	0,00067	0
17	Q	LinStatic		0	0	-0,00116	0	0,00096	0
17	TEMP	LinStatic		-0,003	0	0	0	0	0
17	EQX-0.24g-B	LinRespSpec	Max	0,0094	4,9E-13	1,01E-13	1,3E-14	1,9E-14	4,2E-14
17	EQY-0.24g-B	LinRespSpec	Max	3E-14	0,00025	2,67E-13	1,7E-05	1,1E-13	3,5E-05
17	EQZ-0.24g-B	LinRespSpec	Max	6E-13	1,2E-12	0,002615	2,8E-14	0,00218	7,8E-14
17	SEISMOSX-0.24g	Combination	Max	0,0094	7,4E-05	0,000784	5,2E-06	0,00065	0,00001
17	SEISMOSX-0.24g	Combination	Min	-0,009	-7,4E-05	-0,00078	-5,2E-06	-0,0007	-0,00001
17	SEISMOSY-0.24g	Combination	Max	0,0028	0,00025	0,000784	1,7E-05	0,00065	3,5E-05
17	SEISMOSY-0.24g	Combination	Min	-0,003	0,00025	-0,00078	-1,7E-05	-0,0007	-3,5E-05
17	SEISMOSZ-0.24g	Combination	Max	0,0028	7,4E-05	0,002615	5,2E-06	0,00218	0,00001
17	SEISMOSZ-0.24g	Combination	Min	-0,003	-7,4E-05	-0,00262	-5,2E-06	-0,0022	-0,00001
19	G	LinStatic		0	0	0	0	0	0
19	G1	LinStatic		0	0	0	0	0	0
19	G21	LinStatic		0	0	-0,00158	0	0,00063	0
19	Q	LinStatic		0	0	-0,00225	0	0,00089	0
19	TEMP	LinStatic		-0,002	0	0	0	0	0
19	EQX-0.24g-B	LinRespSpec	Max	0,0094	3,9E-13	5,77E-14	1,2E-14	8,9E-14	3E-15
19	EQY-0.24g-B	LinRespSpec	Max	3E-13	0,00031	3,01E-13	1,7E-05	1E-13	3,2E-05
19	EQZ-0.24g-B	LinRespSpec	Max	5E-14	9,6E-13	0,005086	2,7E-14	0,00203	1,8E-14
19	SEISMOSX-0.24g	Combination	Max	0,0094	9,2E-05	0,001526	5,2E-06	0,00061	9,7E-06
19	SEISMOSX-0.24g	Combination	Min	-0,009	-9,2E-05	-0,00153	-5,2E-06	-0,0006	-9,7E-06
19	SEISMOSY-0.24g	Combination	Max	0,0028	0,00031	0,001526	1,7E-05	0,00061	3,2E-05
19	SEISMOSY-	Combination	Min	-0,003	-	-0,00153	-1,7E-05	-0,0006	-3,2E-05

	0.24g				0,00031				
19	SEISMOSZ-0.24g	Combination	Max	0,0028	9,2E-05	0,005086	5,2E-06	0,00203	9,7E-06
19	SEISMOSZ-0.24g	Combination	Min	-0,003	-9,2E-05	-0,00509	-5,2E-06	-0,002	-9,7E-06
21	G	LinStatic		0	0	0	0	0	0
21	G1	LinStatic		0	0	0	0	0	0
21	G21	LinStatic		0	0	-0,00226	0	0,00055	0
21	Q	LinStatic		0	0	-0,00323	0	0,00078	0
21	TEMP	LinStatic		-0,002	0	0	0	0	0
21	EQX-0.24g-B	LinRespSpec	Max	0,0094	2,9E-13	1,11E-13	1E-14	6,9E-14	5,6E-15
21	EQY-0.24g-B	LinRespSpec	Max	3E-13	0,00036	3,15E-13	1,7E-05	3,3E-14	2,9E-05
21	EQZ-0.24g-B	LinRespSpec	Max	3E-13	9,6E-13	0,007336	2,8E-14	0,0018	3,1E-14
21	SEISMOSX-0.24g	Combination	Max	0,0094	0,00011	0,002201	5,2E-06	0,00054	8,6E-06
21	SEISMOSX-0.24g	Combination	Min	-0,009	0,00011	-0,0022	-5,2E-06	-0,0005	-8,6E-06
21	SEISMOSY-0.24g	Combination	Max	0,0028	0,00036	0,002201	1,7E-05	0,00054	2,9E-05
21	SEISMOSY-0.24g	Combination	Min	-0,003	0,00036	-0,0022	-1,7E-05	-0,0005	-2,9E-05
21	SEISMOSZ-0.24g	Combination	Max	0,0028	0,00011	0,007336	5,2E-06	0,0018	8,6E-06
21	SEISMOSZ-0.24g	Combination	Min	-0,003	0,00011	-0,00734	-5,2E-06	-0,0018	-8,6E-06
23	G	LinStatic		0	0	0	0	0	0
23	G1	LinStatic		0	0	0	0	0	0
23	G21	LinStatic		0	0	-0,00285	0	0,00045	0
23	Q	LinStatic		0	0	-0,00406	0	0,00064	0
23	TEMP	LinStatic		-0,002	0	0	0	0	0
23	EQX-0.24g-B	LinRespSpec	Max	0,0094	5E-13	1,05E-13	9E-15	1,3E-13	2E-14
23	EQY-0.24g-B	LinRespSpec	Max	3E-13	0,00041	3,68E-13	1,7E-05	2E-13	2,4E-05
23	EQZ-0.24g-B	LinRespSpec	Max	4E-13	1,2E-12	0,009267	2,9E-14	0,00149	5,3E-14
23	SEISMOSX-0.24g	Combination	Max	0,0094	0,00012	0,00278	5,2E-06	0,00045	7,1E-06
23	SEISMOSX-0.24g	Combination	Min	-0,009	0,00012	-0,00278	-5,2E-06	-0,0004	-7,1E-06
23	SEISMOSY-0.24g	Combination	Max	0,0028	0,00041	0,00278	1,7E-05	0,00045	2,4E-05
23	SEISMOSY-0.24g	Combination	Min	-0,003	0,00041	-0,00278	-1,7E-05	-0,0004	-2,4E-05
23	SEISMOSZ-0.24g	Combination	Max	0,0028	0,00012	0,009267	5,2E-06	0,00149	7,1E-06
23	SEISMOSZ-0.24g	Combination	Min	-0,003	0,00012	-0,00927	-5,2E-06	-0,0015	-7,1E-06
25	G	LinStatic		0	0	0	0	0	0
25	G1	LinStatic		0	0	0	0	0	0
25	G21	LinStatic		0	0	-0,00331	0	0,00033	0
25	Q	LinStatic		0	0	-0,00471	0	0,00048	0
25	TEMP	LinStatic		-0,002	0	0	0	0	0
25	EQX-0.24g-B	LinRespSpec	Max	0,0094	1,2E-13	1,97E-13	7,6E-15	2,1E-13	3,1E-14
25	EQY-0.24g-B	LinRespSpec	Max	5E-14	0,00044	5,44E-13	1,7E-05	2E-13	1,8E-05
25	EQZ-0.24g-B	LinRespSpec	Max	2E-13	1,1E-12	0,010794	3E-14	0,00111	7,2E-14
25	SEISMOSX-0.24g	Combination	Max	0,0094	0,00013	0,003238	5,2E-06	0,00033	5,3E-06
25	SEISMOSX-0.24g	Combination	Min	-0,009	0,00013	-0,00324	-5,2E-06	-0,0003	-5,3E-06
25	SEISMOSY-0.24g	Combination	Max	0,0028	0,00044	0,003238	1,7E-05	0,00033	1,8E-05
25	SEISMOSY-0.24g	Combination	Min	-0,003	0,00044	-0,00324	-1,7E-05	-0,0003	-1,8E-05
25	SEISMOSZ-0.24g	Combination	Max	0,0028	0,00013	0,010794	5,2E-06	0,00111	5,3E-06

25	SEISMOSZ-0.24g	Combination	Min	-0,003	0,00013	-0,01079	-5,2E-06	-0,0011	-5,3E-06
27	G	LinStatic		0	0	0	0	0	0
27	G1	LinStatic		0	0	0	0	0	0
27	G21	LinStatic		0	0	-0,00362	0	0,00021	0
27	Q	LinStatic		0	0	-0,00516	0	0,00029	0
27	TEMP	LinStatic		-0,002	0	0	0	0	0
27	EQX-0.24g-B	LinRespSpec	Max	0,0094	4,4E-13	3,95E-13	6,2E-15	7,9E-16	8,3E-15
27	EQY-0.24g-B	LinRespSpec	Max	4E-13	0,00047	5,08E-13	1,7E-05	2,9E-13	1,1E-05
27	EQZ-0.24g-B	LinRespSpec	Max	2E-13	1E-12	0,01185	3,2E-14	0,00069	6,2E-14
27	SEISMOSX-0.24g	Combination	Max	0,0094	0,00014	0,003555	5,2E-06	0,00021	3,3E-06
27	SEISMOSX-0.24g	Combination	Min	-0,009	0,00014	-0,00356	-5,2E-06	-0,0002	-3,3E-06
27	SEISMOSY-0.24g	Combination	Max	0,0028	0,00047	0,003555	1,7E-05	0,00021	1,1E-05
27	SEISMOSY-0.24g	Combination	Min	-0,003	0,00047	-0,00356	-1,7E-05	-0,0002	-1,1E-05
27	SEISMOSZ-0.24g	Combination	Max	0,0028	0,00014	0,01185	5,2E-06	0,00069	3,3E-06
27	SEISMOSZ-0.24g	Combination	Min	-0,003	0,00014	-0,01185	-5,2E-06	-0,0007	-3,3E-06
29	G	LinStatic		0	0	0	0	0	0
29	G1	LinStatic		0	0	0	0	0	0
29	G21	LinStatic		0	0	-0,00378	0	6,9E-05	0
29	Q	LinStatic		0	0	-0,00539	0	9,8E-05	0
29	TEMP	LinStatic		-0,001	0	0	0	0	0
29	EQX-0.24g-B	LinRespSpec	Max	0,0094	1,2E-13	1,95E-13	4,8E-15	2,1E-13	1,3E-14
29	EQY-0.24g-B	LinRespSpec	Max	4E-13	0,00048	2,38E-13	1,7E-05	5E-13	3,7E-06
29	EQZ-0.24g-B	LinRespSpec	Max	3E-13	1,1E-12	0,012391	3,5E-14	0,00023	4,3E-14
29	SEISMOSX-0.24g	Combination	Max	0,0094	0,00014	0,003717	5,2E-06	0,00007	1,1E-06
29	SEISMOSX-0.24g	Combination	Min	-0,009	0,00014	-0,00372	-5,2E-06	-7E-05	-1,1E-06
29	SEISMOSY-0.24g	Combination	Max	0,0028	0,00048	0,003717	1,7E-05	0,00007	3,7E-06
29	SEISMOSY-0.24g	Combination	Min	-0,003	0,00048	-0,00372	-1,7E-05	-7E-05	-3,7E-06
29	SEISMOSZ-0.24g	Combination	Max	0,0028	0,00014	0,012391	5,2E-06	0,00023	1,1E-06
29	SEISMOSZ-0.24g	Combination	Min	-0,003	0,00014	-0,01239	-5,2E-06	-0,0002	-1,1E-06
31	G	LinStatic		0	0	0	0	0	0
31	G1	LinStatic		0	0	0	0	0	0
31	G21	LinStatic		0	0	-0,00378	0	-7E-05	0
31	Q	LinStatic		0	0	-0,00539	0	-1E-04	0
31	TEMP	LinStatic		-6E-04	0	0	0	0	0
31	EQY-0.24g-B	LinRespSpec	Max	3E-13	0,00048	7,23E-13	1,7E-05	3,4E-13	3,7E-06
31	EQZ-0.24g-B	LinRespSpec	Max	1E-12	1,9E-12	0,012391	3,8E-14	0,00023	6E-14
31	SEISMOSX-0.24g	Combination	Max	0,0094	0,00014	0,003717	5,2E-06	0,00007	1,1E-06
31	SEISMOSX-0.24g	Combination	Min	-0,009	0,00014	-0,00372	-5,2E-06	-7E-05	-1,1E-06
31	SEISMOSY-0.24g	Combination	Max	0,0028	0,00048	0,003717	1,7E-05	0,00007	3,7E-06
31	SEISMOSY-0.24g	Combination	Min	-0,003	0,00048	-0,00372	-1,7E-05	-7E-05	-3,7E-06
31	SEISMOSZ-0.24g	Combination	Max	0,0028	0,00014	0,012391	5,2E-06	0,00023	1,1E-06
31	SEISMOSZ-0.24g	Combination	Min	-0,003	0,00014	-0,01239	-5,2E-06	-0,0002	-1,1E-06
33	G	LinStatic		0	0	0	0	0	0
33	G1	LinStatic		0	0	0	0	0	0

33	G21	LinStatic		0	0	-0,00362	0	-0,0002	0
33	Q	LinStatic		0	0	-0,00516	0	-0,0003	0
33	TEMP	LinStatic		-9E-06	0	0	0	0	0
33	EQX-0.24g-B	LinRespSpec	Max	0,0094	3,6E-13	2,1E-13	2E-15	2,6E-14	2E-14
33	EQY-0.24g-B	LinRespSpec	Max	2E-13	0,00047	8,65E-13	1,7E-05	1,4E-13	1,1E-05
33	EQZ-0.24g-B	LinRespSpec	Max	8E-13	2,6E-12	0,01185	4,1E-14	0,00069	5,1E-14
33	SEISMOSX-0.24g	Combination	Max	0,0094	0,00014	0,003555	5,2E-06	0,00021	3,3E-06
33	SEISMOSX-0.24g	Combination	Min	-0,009	0,00014	-0,00356	-5,2E-06	-0,0002	-3,3E-06
33	SEISMOSY-0.24g	Combination	Max	0,0028	0,00047	0,003555	1,7E-05	0,00021	1,1E-05
33	SEISMOSY-0.24g	Combination	Min	-0,003	0,00047	-0,00356	-1,7E-05	-0,0002	-1,1E-05
33	SEISMOSZ-0.24g	Combination	Max	0,0028	0,00014	0,01185	5,2E-06	0,00069	3,3E-06
33	SEISMOSZ-0.24g	Combination	Min	-0,003	0,00014	-0,01185	-5,2E-06	-0,0007	-3,3E-06
35	G	LinStatic		0	0	0	0	0	0
35	G1	LinStatic		0	0	0	0	0	0
35	G21	LinStatic		0	0	-0,00331	0	-0,0003	0
35	Q	LinStatic		0	0	-0,00471	0	-0,0005	0
35	TEMP	LinStatic		0,0006	0	0	0	0	0
35	EQX-0.24g-B	LinRespSpec	Max	0,0094	2,3E-13	1,79E-13	6E-16	2,9E-14	2,5E-14
35	EQY-0.24g-B	LinRespSpec	Max	4E-13	0,00044	5,47E-13	1,7E-05	3,6E-13	1,8E-05
35	EQZ-0.24g-B	LinRespSpec	Max	3E-13	1,1E-12	0,010794	4,4E-14	0,00111	1,4E-13
35	SEISMOSX-0.24g	Combination	Max	0,0094	0,00013	0,003238	5,2E-06	0,00033	5,3E-06
35	SEISMOSX-0.24g	Combination	Min	-0,009	0,00013	-0,00324	-5,2E-06	-0,0003	-5,3E-06
35	SEISMOSY-0.24g	Combination	Max	0,0028	0,00044	0,003238	1,7E-05	0,00033	1,8E-05
35	SEISMOSY-0.24g	Combination	Min	-0,003	0,00044	-0,00324	-1,7E-05	-0,0003	-1,8E-05
35	SEISMOSZ-0.24g	Combination	Max	0,0028	0,00013	0,010794	5,2E-06	0,00111	5,3E-06
35	SEISMOSZ-0.24g	Combination	Min	-0,003	0,00013	-0,01079	-5,2E-06	-0,0011	-5,3E-06
37	G	LinStatic		0	0	0	0	0	0
37	G1	LinStatic		0	0	0	0	0	0
37	G21	LinStatic		0	0	-0,00285	0	-0,0004	0
37	Q	LinStatic		0	0	-0,00406	0	-0,0006	0
37	TEMP	LinStatic		0,0011	0	0	0	0	0
37	EQX-0.24g-B	LinRespSpec	Max	0,0094	3,9E-13	1,4E-13	8,1E-16	7E-14	3,4E-15
37	EQY-0.24g-B	LinRespSpec	Max	2E-13	0,00041	1,62E-13	1,7E-05	3,6E-13	2,4E-05
37	EQZ-0.24g-B	LinRespSpec	Max	6E-13	2,2E-12	0,009267	4,8E-14	0,00149	1E-13
37	SEISMOSX-0.24g	Combination	Max	0,0094	0,00012	0,00278	5,2E-06	0,00045	7,1E-06
37	SEISMOSX-0.24g	Combination	Min	-0,009	0,00012	-0,00278	-5,2E-06	-0,0004	-7,1E-06
37	SEISMOSY-0.24g	Combination	Max	0,0028	0,00041	0,00278	1,7E-05	0,00045	2,4E-05
37	SEISMOSY-0.24g	Combination	Min	-0,003	0,00041	-0,00278	-1,7E-05	-0,0004	-2,4E-05
37	SEISMOSZ-0.24g	Combination	Max	0,0028	0,00012	0,009267	5,2E-06	0,00149	7,1E-06
37	SEISMOSZ-0.24g	Combination	Min	-0,003	0,00012	-0,00927	-5,2E-06	-0,0015	-7,1E-06
39	G	LinStatic		0	0	0	0	0	0
39	G1	LinStatic		0	0	0	0	0	0
39	G21	LinStatic		0	0	-0,00226	0	-0,0005	0
39	Q	LinStatic		0	0	-0,00323	0	-0,0008	0

39	TEMP	LinStatic		0,0017	0	0	0	0	0
39	EQX-0.24g-B	LinRespSpec	Max	0,0094	1,4E-14	8,87E-15	2,2E-15	1,5E-13	8,6E-15
39	EQY-0.24g-B	LinRespSpec	Max	2E-13	0,00036	3,4E-13	1,7E-05	2,5E-13	2,9E-05
39	EQZ-0.24g-B	LinRespSpec	Max	1E-12	1,5E-12	0,007336	5,2E-14	0,0018	2,3E-14
39	SEISMOSX-0.24g	Combination	Max	0,0094	0,00011	0,002201	5,2E-06	0,00054	8,6E-06
39	SEISMOSX-0.24g	Combination	Min	-0,009	0,00011	-0,0022	-5,2E-06	-0,0005	-8,6E-06
39	SEISMOSY-0.24g	Combination	Max	0,0028	0,00036	0,002201	1,7E-05	0,00054	2,9E-05
39	SEISMOSY-0.24g	Combination	Min	-0,003	0,00036	-0,0022	-1,7E-05	-0,0005	-2,9E-05
39	SEISMOSZ-0.24g	Combination	Max	0,0028	0,00011	0,007336	5,2E-06	0,0018	8,6E-06
39	SEISMOSZ-0.24g	Combination	Min	-0,003	0,00011	-0,00734	-5,2E-06	-0,0018	-8,6E-06
41	G	LinStatic		0	0	0	0	0	0
41	G1	LinStatic		0	0	0	0	0	0
41	G21	LinStatic		0	0	-0,00158	0	-0,0006	0
41	Q	LinStatic		0	0	-0,00225	0	-0,0009	0
41	TEMP	LinStatic		0,0023	0	0	0	0	0
41	EQX-0.24g-B	LinRespSpec	Max	0,0094	2,4E-13	2,11E-13	3,6E-15	1,1E-13	2,8E-15
41	EQY-0.24g-B	LinRespSpec	Max	3E-13	0,00031	5,02E-13	1,7E-05	9,9E-14	3,2E-05
41	EQZ-0.24g-B	LinRespSpec	Max	1E-12	1,3E-12	0,005086	5,6E-14	0,00203	7,3E-15
41	SEISMOSX-0.24g	Combination	Max	0,0094	9,2E-05	0,001526	5,2E-06	0,00061	9,7E-06
41	SEISMOSX-0.24g	Combination	Min	-0,009	-9,2E-05	-0,00153	-5,2E-06	-0,0006	-9,7E-06
41	SEISMOSY-0.24g	Combination	Max	0,0028	0,00031	0,001526	1,7E-05	0,00061	3,2E-05
41	SEISMOSY-0.24g	Combination	Min	-0,003	0,00031	-0,00153	-1,7E-05	-0,0006	-3,2E-05
41	SEISMOSZ-0.24g	Combination	Max	0,0028	9,2E-05	0,005086	5,2E-06	0,00203	9,7E-06
41	SEISMOSZ-0.24g	Combination	Min	-0,003	-9,2E-05	-0,00509	-5,2E-06	-0,002	-9,7E-06
43	G	LinStatic		0	0	0	0	0	0
43	G1	LinStatic		0	0	0	0	0	0
43	G21	LinStatic		0	0	-0,00081	0	-0,0007	0
43	Q	LinStatic		0	0	-0,00116	0	-0,001	0
43	TEMP	LinStatic		0,0028	0	0	0	0	0
43	EQX-0.24g-B	LinRespSpec	Max	0,0094	1,8E-13	2,61E-13	5E-15	6,4E-14	2,1E-14
43	EQY-0.24g-B	LinRespSpec	Max	2E-13	0,00025	3,99E-13	1,7E-05	1,9E-13	3,5E-05
43	EQZ-0.24g-B	LinRespSpec	Max	5E-13	2,6E-12	0,002615	6E-14	0,00218	1,6E-13
43	SEISMOSX-0.24g	Combination	Max	0,0094	7,4E-05	0,000784	5,2E-06	0,00065	0,00001
43	SEISMOSX-0.24g	Combination	Min	-0,009	-7,4E-05	-0,00078	-5,2E-06	-0,0007	-0,00001
43	SEISMOSY-0.24g	Combination	Max	0,0028	0,00025	0,000784	1,7E-05	0,00065	3,5E-05
43	SEISMOSY-0.24g	Combination	Min	-0,003	0,00025	-0,00078	-1,7E-05	-0,0007	-3,5E-05
43	SEISMOSZ-0.24g	Combination	Max	0,0028	7,4E-05	0,002615	5,2E-06	0,00218	0,00001
43	SEISMOSZ-0.24g	Combination	Min	-0,003	-7,4E-05	-0,00262	-5,2E-06	-0,0022	-0,00001
44	G	LinStatic		0	0	0	0	0	0
44	G1	LinStatic		0	0	0	0	0	0
44	G21	LinStatic		0	0	0	0	0	0
44	Q	LinStatic		0	0	0	0	0	0
44	TEMP	LinStatic		0	0	0	0	0	0
44	EQX-0.24g-B	LinRespSpec	Max	0	0	0	0	0	0



44	EQY-0.24g-B	LinRespSpec	Max	0	0	0	0	0	0
44	EQZ-0.24g-B	LinRespSpec	Max	0	0	0	0	0	0
44	SEISMOSX-0.24g	Combination	Max	0	0	0	0	0	0
44	SEISMOSX-0.24g	Combination	Min	0	0	0	0	0	0
44	SEISMOSY-0.24g	Combination	Max	0	0	0	0	0	0
44	SEISMOSY-0.24g	Combination	Min	0	0	0	0	0	0
44	SEISMOSZ-0.24g	Combination	Max	0	0	0	0	0	0
44	SEISMOSZ-0.24g	Combination	Min	0	0	0	0	0	0
45	G	LinStatic		0	0	0	0	0	0
45	G1	LinStatic		0	0	0	0	0	0
45	G21	LinStatic		0	0	-1,2E-05	0	-0,0007	0
45	Q	LinStatic		0	0	-1,6E-05	0	-0,001	0
45	TEMP	LinStatic		0,0034	0	0	0	0	0
45	EQX-0.24g-B	LinRespSpec	Max	0,0094	6,9E-14	5,4E-14	6,4E-15	2,6E-13	2,9E-14
45	EQY-0.24g-B	LinRespSpec	Max	2E-13	0,00018	5,48E-14	1,7E-05	3,8E-13	3,5E-05
45	EQZ-0.24g-B	LinRespSpec	Max	6E-13	6,8E-13	0,000031	6,4E-14	0,00223	2,7E-13
45	SEISMOSX-0.24g	Combination	Max	0,0094	5,5E-05	9,28E-06	5,2E-06	0,00067	1,1E-05
45	SEISMOSX-0.24g	Combination	Min	-0,009	-5,5E-05	-9,3E-06	-5,2E-06	-0,0007	-1,1E-05
45	SEISMOSY-0.24g	Combination	Max	0,0028	0,00018	9,28E-06	1,7E-05	0,00067	3,5E-05
45	SEISMOSY-0.24g	Combination	Min	-0,003	0,00018	-9,3E-06	-1,7E-05	-0,0007	-3,5E-05
45	SEISMOSZ-0.24g	Combination	Max	0,0028	5,5E-05	0,000031	5,2E-06	0,00223	1,1E-05
45	SEISMOSZ-0.24g	Combination	Min	-0,003	-5,5E-05	-3,1E-05	-5,2E-06	-0,0022	-1,1E-05

**TABLE: Joint Reactions**

Joint	OutputCase	CaseType	StepType	F1	F2	F3	M1	M2	M3
Text	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m
14	G	LinStatic		0	0	0	0	0	0
14	G1	LinStatic		0	0	0	0	0	0
14	G21	LinStatic		0	0	530,178	0	0	0
14	Q	LinStatic		0	0	755,508	0	0	0
14	TEMP	LinStatic		1172,394	0	0	0	6682,6438	0
14	EQX-0.24g-B	LinRespSpec	Max	3239,737	1,6E-06	5,223E-07	9,109E-06	18466,503	3,742E-07
14	EQY-0.24g-B	LinRespSpec	Max	5,823E-08	1879,45	1,88E-06	10712,866	3,319E-07	209,1004
14	EQZ-0.24g-B	LinRespSpec	Max	3,647E-08	3,15E-06	1416,634	1,791E-05	2,079E-07	7,128E-07
14	SEISMOSX-0.24g	Combination	Max	3239,737	563,835	424,99	3213,8597	18466,503	62,7301
14	SEISMOSX-0.24g	Combination	Min	-3239,737	-563,835	-424,99	-3213,8597	-18466,503	-62,7301
14	SEISMOSY-0.24g	Combination	Max	971,921	1879,45	424,99	10712,866	5539,9508	209,1004
14	SEISMOSY-0.24g	Combination	Min	-971,921	-1879,45	-424,99	-10712,866	-5539,9508	-209,1004
14	SEISMOSZ-0.24g	Combination	Max	971,921	563,835	1416,634	3213,8598	5539,9508	62,7301
14	SEISMOSZ-0.24g	Combination	Min	-971,921	-563,835	-1416,634	-3213,8598	-5539,9508	-62,7301
44	G	LinStatic		0	0	0	0	0	0
44	G1	LinStatic		0	0	0	0	0	0
44	G21	LinStatic		0	0	530,178	0	0	0
44	Q	LinStatic		0	0	755,508	0	0	0

44	TEMP	LinStatic		-1172,394	0	0	0	-6682,6438	0
44	EQX-0.24g-B	LinRespSpec	Max	3239,737	7,12E-07	2,471E-06	4,02E-06	18466,503	1,714E-07
44	EQY-0.24g-B	LinRespSpec	Max	6,981E-08	1879,45	2,508E-06	10712,866	3,979E-07	209,1004
44	EQZ-0.24g-B	LinRespSpec	Max	2,014E-07	6,93E-06	1416,634	3,939E-05	1,148E-06	1,611E-06
44	SEISMOSX-0.24g	Combination	Max	3239,737	563,835	424,99	3213,8597	18466,503	62,7301
44	SEISMOSX-0.24g	Combination	Min	-3239,737	-563,835	-424,99	-3213,8597	-18466,503	-62,7301
44	SEISMOSY-0.24g	Combination	Max	971,921	1879,45	424,99	10712,866	5539,9508	209,1004
44	SEISMOSY-0.24g	Combination	Min	-971,921	-1879,45	-424,99	-10712,866	-5539,9508	-209,1004
44	SEISMOSZ-0.24g	Combination	Max	971,921	563,835	1416,634	3213,8598	5539,9508	62,7301
44	SEISMOSZ-0.24g	Combination	Min	-971,921	-563,835	-1416,634	-3213,8598	-5539,9508	-62,7301

## ΥΠΟΛΟΓΙΣΜΟΣ ΦΟΡΤΙΩΝ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΓΕΦΥΡΑΣ ΚΑΙ ΟΠΛΙΣΜΟΥ

ΠΛΑΤΟΣ ΟΔΟΣΤΡΩΜΑΤΟΣ 8,00 m  
ΚΑΘΕΤΗ ΑΠΟΣΤΑΣΗ ΑΚΡΟΒΑΘΡΩΝ 15,00 m

### -ΙΔΙΟ ΒΑΡΟΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ

ΔΙΑΤΟΜΗ 1,00X8,00 ΕΜΒΑΔΟ ΔΙΑΤΟΜΗΣ 1,00X8,00=8,00 m<sup>2</sup>  $A_{c1}=8.00 \text{ m}^2$

$g_{k1}=A_{c1} \times \rho_{pc}/g=8.00 \times 2500 \times 9.81/1000=196.20 \text{ KN/m}$

### - ΦΟΡΤΙΟ ΟΔΟΣΤΡΩΜΑΤΟΣ

ΠΑΧΟΣ ΟΔΟΣΤΡΩΜΑΤΟΣ 25 cm  
ΦΟΡΤΙΟ ΟΔΟΣΤΡΩΜΑΤΟΣ 22 KN/m<sup>2</sup>

$g_{k2}=22 \times 0.25 \times 6.0=33.00 \text{ KN/m}$

### - ΦΟΡΤΙΟ ΣΚΥΡΟΔΕΜΑΤΟΣ ΚΛΙΣΕΩΝ

ΜΕΣΟ ΠΑΧΟΣ ΣΚΥΡΟΔΕΜΑΤΟΣ ΚΛΙΣΕΩΝ 13 cm  
ΦΟΡΤΙΟ ΣΚΥΡΟΔΕΜΑΤΟΣ ΚΛΙΣΕΩΝ 23 KN/m<sup>2</sup>

$g_{k3}=23 \times 0.13 \times 6.0=17.94 \text{ KN/m}$

### - ΦΟΡΤΙΟ ΠΕΖΟΔΡΟΜΙΩΝ

$g_{k4}=5.0 \text{ KN/m}$

$g_k(\text{προσθετα})=g_{k2}+g_{k3}+g_{k4}=33.00+17.94+2.0 \times 5.0=60.94 \text{ KN/m}$

### ΟΛΙΚΟ ΜΟΝΙΜΟ ΦΟΡΤΙΟ

$G_k=196.20+60.94=257.14 \text{ KN/m}$

### - ΚΙΝΗΤΑ ΦΟΡΤΙΑ ΚΑΤΑΣΤΡΩΜΑΤΟΣ

#### ΛΩΡΙΔΑ ΚΥΚΛΟΦΟΡΙΑΣ 1

$Q_{1k}=300.0 \text{ KN}$  φορτίο άξονα οχήματος

$a_{Q1}=0.8$

$q_{1k}=9.0 \text{ KN/m}^2$  κατανεμημένο φορτίο συμβατικής λωρίδας 1

$a_{q1}=1.0$

ΤΕΛΙΚΟ ΦΟΡΤΙΟ ΛΩΡΙΔΑΣ 1

$a_{Q1} \times Q_{1k}=0.80 \times 300.00=240.00 \text{ KN}$

$a_{q1} \times q_{1k}=1.0 \times 9.00=9.00 \text{ KN/m}^2$

#### ΛΩΡΙΔΑ ΚΥΚΛΟΦΟΡΙΑΣ 2

$Q_{21k}=200.0 \text{ KN}$  φορτίο άξονα οχήματος

$a_{Q2}=0.8$

$q_{2k}=2.50 \text{ KN/m}^2$  κατανεμημένο φορτίο συμβατικής λωρίδας 1

$a_{q2}=1.0$

ΤΕΛΙΚΟ ΦΟΡΤΙΟ ΛΩΡΙΔΑΣ 1

$a_{Q2} \times Q_{2k}=0.80 \times 200.00=160.00 \text{ KN}$

$a_{q2} \times q_{2k}=1.0 \times 2.50=2.50 \text{ KN/m}^2$

$E1=W1 \times L=3.0 \times 16.90=50.70 \text{ m}^2$

$E2=W2 \times L=3.0 \times 16.90=50.70 \text{ M}^2$

$$E_f = 2.0 \times L = 2.0 \times 16.90 = 33.80 \text{ m}^2$$

$$Q_{o\lambda} = 9.0 \times 50.70 + 2.50 \times 33.80 + 2.0 \times 240.00 + 2.50 \times 50.70 + 2.0 \times 160.00 = 1467.55 \text{ KN}$$

ΙΣΟΔΥΝΑΜΟ ΓΡΑΜΜΙΚΟ ΟΜΟΙΟΜΟΡΦΟ ΦΟΡΤΙΟ ΤΟ ΟΠΟΙΟ ΘΑ ΧΡΗΣΙΜΟΠΟΙΗΘΕΙ ΣΤΟ ΣΕΙΣΜΙΚΟ ΣΥΝΔΙΑΣΜΟ ΔΡΑΣΕΩΝ ΘΑ ΕΙΝΑΙ ΙΣΟ ΜΕ

$$q_k = Q_{o\lambda} / L = 1467.55 / 16.90 = 86.84 \text{ KN/m}$$

ΣΥΝΤΕΛΕΣΤΗΣ ΤΑΛΑΝΤΩΣΗΣ

$$\varphi = 1,40 - 0,008 \times l \varphi = 1,40 - 0,008 \times 15 = 1.28$$

ΜΟΝΙΜΟ ΦΟΡΤΙΟ ΑΝΑ m<sup>2</sup> ΚΑΤΑΣΤΡΩΜΑΤΟΣ

$$257,14 / 8.00 = 32.14 \text{ KN/m}^2$$

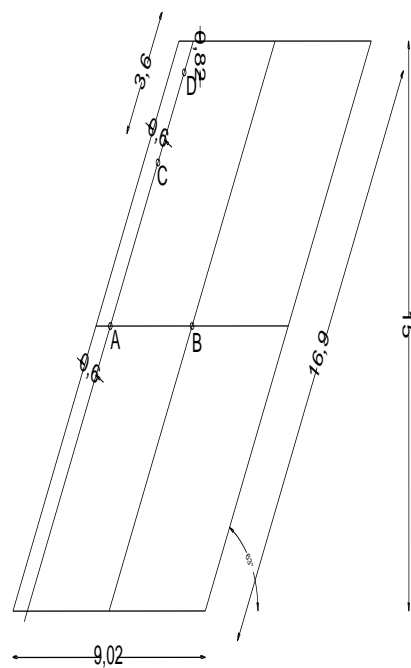
$$32.14 \times 1.28 = \underline{41.14 \text{ KN/m}^2}$$

ΚΙΝΗΤΟ ΦΟΡΤΙΟ ΑΝΑ m<sup>2</sup> ΚΑΤΑΣΤΡΩΜΑΤΟΣ

$$86.84 / 8.00 = 10.855 \text{ KN/m}^2$$

$$10.855 \times 1.28 = \underline{13.90}$$

KN/m<sup>2</sup>



**ΘΕΣΕΙΣ A,B,C,D ΠΛΑΚΑΣ ΕΥΡΕΣΗΣ ΡΟΠΩΝ ΓΙΑ ΜΟΝΙΜΑ ΚΑΙ ΚΙΝΗΤΑ ΦΟΡΤΙΑ**

## **ΜΟΝΙΜΟ ΟΜΟΙΟΜΟΡΦΟ ΦΟΡΤΙΟ 41,14 KN/m<sup>2</sup>**

### ΣΗΜΕΙΟ Α

$$M_u = 0.11958 \times 41.14 \times 15 \times 15 = 1106.88 \text{ KNm}$$

$$M_v = 0$$

$$M_{uv} = 0.035 \times 41.14 \times 15 \times 15 = 323.97 \text{ KNm}$$

### ΣΗΜΕΙΟ Β

$$M_x = 0.131 \times 41.14 \times 15 \times 15 = 1212.45 \text{ KNm}$$

$$M_y = 0.004 \times 41.14 \times 15 \times 15 = 37.03 \text{ KNm}$$

$$M_{xy} = -0.021 \times 41.14 \times 15 \times 15 = -194.38 \text{ KNm}$$

### ΣΗΜΕΙΟ C

$$M_u = 0.125 \times 41.14 \times 15 \times 15 = 1157.04 \text{ KNm}$$

$$M_v = 0$$

$$M_{uv} = 0.038 \times 41.14 \times 15 \times 15 = 351.74 \text{ KNm}$$

### ΣΗΜΕΙΟ D

$$M_x = 0.0285 \times 41.14 \times 15 \times 15 = 263.81 \text{ KNm}$$

$$M_y = -0.030 \times 41.14 \times 15 \times 15 = -277.70 \text{ KNm}$$

$$M_{xy} = -0.019 \times 41.14 \times 15 \times 15 = 175.87 \text{ KNm}$$

## **ΚΙΝΗΤΟ ΟΜΟΙΟΜΟΡΦΟ ΦΟΡΤΙΟ 13.90 KN/m<sup>2</sup>**

### ΣΗΜΕΙΟ Α

$$M_u = 0.11958 \times 13.90 \times 15 \times 15 = 375.30 \text{ KNm}$$

$$M_v = 0$$

$$M_{uv} = 0.035 \times 13.90 \times 15 \times 15 = 109.46 \text{ KNm}$$

### ΣΗΜΕΙΟ Β

$$M_x = 0.131 \times 13.90 \times 15 \times 15 = 409.70 \text{ KNm}$$

$$M_y = 0.004 \times 13.90 \times 15 \times 15 = 12.51 \text{ KNm}$$

$$M_{xy} = -0.021 \times 13.90 \times 15 \times 15 = -65.68 \text{ KNm}$$

### ΣΗΜΕΙΟ C

$$M_u = 0.125 \times 13.90 \times 15 \times 15 = 375.30 \text{ KNm}$$

$$M_v = 0$$

$$M_{uv} = 0.038 \times 13.90 \times 15 \times 15 = 118.85 \text{ KNm}$$

### ΣΗΜΕΙΟ D

$$M_x = 0.0285 \times 13.90 \times 15 \times 15 = 89.13 \text{ KNm}$$

$$M_y = -0.030 \times 13.90 \times 15 \times 15 = -93.83 \text{ KNm}$$

$$M_{xy} = 0.019 \times 13.90 \times 15 \times 15 = 59.42 \text{ KNm}$$

## ΕΥΡΕΣΗ ΜΕΓΙΣΤΩΝ ΡΟΠΩΝ ΓΙΑ ΚΑΘΟΛΙΚΗ ΦΟΡΤΙΣΗ ΚΑΤΑΣΤΡΩΜΑΤΟΣ 1,35G+1.50Q

### ΣΗΜΕΙΟ Α

$$M_u = 1.35 \times 1106.88 + 1.50 \times 375.30 = 2057.24 \text{ KNm}$$

$$M_v = 0$$

$$M_{uv} = 1.35 \times 323.97 + 1.50 \times 109.46 = 601.55 \text{ KNm}$$

### ΣΗΜΕΙΟ Β

$$M_x = 1.35 \times 1212.45 + 1.50 \times 409.70 = 2251.36 \text{ KNm}$$

$$M_y = 1.35 \times 37.03 + 1.50 \times 12.51 = 68.76 \text{ KNm}$$

$$M_{xy} = 1.35 \times -194.38 + 1.50 \times -65.68 = -360.93 \text{ KNm}$$

### ΣΗΜΕΙΟ C

$$M_u = 1.35 \times 1157.04 + 1.50 \times 375.30 = 2124.95 \text{ KNm}$$

$$M_v = 0$$

$$M_{uv} = 1.35 \times 351.74 + 1.50 \times 118.85 = 653.12 \text{ KNm}$$

### ΣΗΜΕΙΟ D

$$M_x = 1.35 \times 263.81 + 1.50 \times 89.13 = 489.84 \text{ KNm}$$

$$M_y = -1.35 \times 277.70 + 1.50 \times -93.83 = -515.64 \text{ KNm}$$

$$M_{xy} = 1.35 \times 175.87 + 1.50 \times 59.42 = 326.55 \text{ KNm}$$

## ΕΥΡΕΣΗ ΡΟΠΩΝ ΜΙ ΚΑΙ ΜΙΙ ΣΤΙΣ ΔΥΟ ΚΥΡΙΕΣ ΚΑΘΕΤΕΣ ΜΕΤΑΞΥ ΤΟΥΣ ΔΙΕΥΘΥΝΣΕΙΣ

$$M_I, M_{II} = (M_x + M_y) / 2.0 \pm ((M_x - M_y) / 2)^2 + M_{xy}^2)^{1/2}$$

$$M_I, M_{II} = (M_u + M_v) / 2.0 \pm ((M_u - M_v) / 2)^2 + M_{uv}^2)^{1/2}$$

### ΣΗΜΕΙΟ Α

$$\max M_I \quad M_I = 2220.22 \text{ KNm/m}^2 \quad M_{II} = -162.98 \text{ KNm/m}^2$$

### ΣΗΜΕΙΟ Β

$$\max M_I \quad M_I = 2309.50 \text{ KNm/m}^2 \quad M_{II} = 10.62 \text{ KNm/m}^2$$

### ΣΗΜΕΙΟ C

$$\max M_I \quad M_I = 2308.37 \text{ KNm/m}^2 \quad M_{II} = -183.42 \text{ KNm/m}^2$$

### ΣΗΜΕΙΟ D

$$\max M_I \quad M_I = 586.59 \text{ KNm/m}^2 \quad M_{II} = -612.39 \text{ KNm/m}^2$$

ΜΕΓΙΣΤΗ ΡΟΠΗ ΣΤΟ ΣΗΜΕΙΟ Β ΣΤΗΝ ΚΥΡΙΑ ΔΙΕΥΘΥΝΣΗ  $M_I=2309.50 \text{ KNm/m}^2$

$$M_{sd}/bxd^2=2309.50/1.00 \times 0.95 \times 0.95=2.56$$

ΣΚΥΡΟΔΕΜΑ C20/25  $\rho=0,68$

$$A_{s1}=0.68/100 \times 100 \times 95=64.62 \text{ cm}^2/\text{m}$$

Εκλέγεται οπλισμός  $\Phi 32/12$  (67,00 cm<sup>2</sup>/m)

ΜΕΓΙΣΤΗ ΡΟΠΗ ΣΤΟ ΣΗΜΕΙΟ D ΣΤΗΝ ΕΓΚΑΡΣΙΑ ΔΙΕΥΘΥΝΣΗ  $M_{II}=-612,39 \text{ KNm/m}^2$

$$M_{sd}/bxd^2=612,39/1.00 \times 0.95 \times 0.95=0,58$$

ΣΚΥΡΟΔΕΜΑ C20/25  $\rho=0,1632$

$$A_{s1}=0.1632/100 \times 100 \times 95=15,50 \text{ cm}^2/\text{m}$$

Εκλέγεται οπλισμός  $\Phi 20/15$  (20,93 cm<sup>2</sup>/m)

### ΕΛΕΓΧΟΣ ΣΕ ΔΙΑΤΜΗΣΗ ΠΛΑΚΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ

ΤΕΜΝΟΥΣΑ Q ΓΙΑ ΜΟΝΙΜΑ ΦΟΡΤΙΑ

$$\text{ΠΡΟΚΥΠΤΕΙ ΑΠΟ ΤΗΝ ΕΠΙΛΥΣΗ } (1740,00+530,18)/8,00=217,50+66,27=283,77 \text{ KN/m}$$

ΤΕΜΝΟΥΣΑ Q ΓΙΑ ΚΙΝΗΤΑ ΦΟΡΤΙΑ

$$\text{ΠΡΟΚΥΠΤΕΙ ΑΠΟ ΤΗΝ ΕΠΙΛΥΣΗ } 755.51/8,00=94.44 \text{ KN/m}$$

ΓΙΑ ΚΑΘΟΛΙΚΗ ΦΟΡΤΙΣΗ  $1,35G+1.50Q$  ΕΧΟΥΜΕ

$$1.35 \times 283.77 + 1.50 \times 94.44 = 524.75 \text{ KN/m} \quad V_{sd}=524.75 \text{ KN/m}$$

$$VR_{d1}=\tau_{Rd}kx(1.20+40xp1)xdxbw \quad k=1.60-d=1.60-0.95=0.65 \text{ οπότε } k=1.00$$

$$VR_{d1}=0.26 \times 1.00 \times (1.20+40 \times 67/100 \times 95) \times 0.95 \times 1.00$$

$$VR_{d1}=0.366 \text{ Mpa}=366.00 \text{ KN/m}$$

$V_{sd} > VR_{d1}$  οπότε χρειαζόμαστε συνδετήρες

$$V_{cd}=0.90 \times VR_{d1}$$

$$V_{cd}=0.90 \times 366=330.00 \text{ KN}$$

$$V_{wd}=524.75-330.00=194.75 \text{ KN}$$

$$A_{sw}/sx0.90 \times dx \times f_{yw}=194.75$$

$$A_{sw}/s=194.75/0.90 \times 0.95 \times 500/1.15=0.52 \text{ cm}^2/\text{m}$$

Τοποθετείται οπλισμός  $\Phi 16/32$  (0,55 cm<sup>2</sup>/m)



## ΔΙΑΣΤΑΣΙΟΛΟΓΗΣΗ ΤΟΙΧΕΙΟΥ ΑΚΡΟΒΑΘΡΟΥ ΔΙΑΣΤΑΣΕΩΝ 1.40X9.00

Η ΜΕΓΙΣΤΗ ΡΟΠΗ ΣΤΟΝ ΠΟΔΑ ΤΟΥ ΤΟΙΧΕΙΟΥ ΠΡΟΚΥΠΤΕΙ ΓΙΑ ΤΟ ΣΥΝΔΙΑΣΜΟ ΦΟΡΤΙΣΗΣ ΤΟΥ ΣΕΙΣΜΟΥ ΚΑΤΑ ΤΗ ΔΙΕΥΘΥΝΣΗ Χ-Χ ΜΕ ΤΙΜΗ  $M=18466,50 \text{ KNM}$

$$M_{sd}=18466.50/8.00=2308.31 \text{ KNm/m}$$

$$M_{sd}/bxd^2=2308.31/1.00 \times 1.35=1.71$$

ΣΚΥΡΟΔΕΜΑ C20/25  $\rho=0,43$

$$A_{s1}=0.43/100 \times 100 \times 135=58.05 \text{ cm}^2/\text{m}$$

$$58.05/2.0=29.03 \text{ cm}^2/\text{m} \text{ ανά παρειά}$$

$$29.03 \times 9.00=261.27 \text{ cm}^2 \text{ ανά παρειά στο μήκος των } 9,00 \text{ m}$$

Εκλέγεται οπλισμός 56Φ25 (274.96 cm<sup>2</sup>) ο οποίος τοποθετείται στην παρειά των 9,00 m

Και οπλισμός 10Φ25 (49,10 cm<sup>2</sup>) ο οποίος τοποθετείται στην παρειά των 1,40 m

Συνολικός αριθμός οπλισμού στη διατομή του ακρόβαθρου 132 τεμάχια

Τοποθετείται οπλισμός διανομής (οριζόντιος) Φ18/15

### ΕΛΕΓΧΟΣ ΣΕ ΤΕΜΝΟΥΣΑ

$$V_{sd}=3240.00 \text{ KN}$$

$$V_{sd}=3240.00/9.00=360.00 \text{ KN/m}$$

$$VR_{d1}=\tau R_{dx}kx(1.20+40xp1)xdxbw \quad k=1.60-d=1.60-1.35=0.25 \text{ οπότε } k=1.00$$

$$VR_{d1}=0.26 \times 1.00 \times (1.20+40 \times 61.10/100 \times 135) \times 1.35 \times 1.00$$

$$VR_{d1}=0.485 \text{ Mpa}=485.00 \text{ KN/m}$$

$V_{sd} < VR_{d1}$  οπότε δεν χρειαζόμαστε συνδετήρες

### ΕΛΕΓΧΟΣ ΤΑΣΗΣ ΕΔΑΦΟΥΣ

ΜΕΓΙΣΤΟ ΑΞΟΝΙΚΟ ΦΟΡΤΙΟ ΑΚΡΟΒΑΘΡΟΥ ΓΙΑ ΜΟΝΙΜΑ ΦΟΡΤΙΑ

$$P=-3022,50-530,18=-3552,68 \text{ KN}$$

ΜΕΓΙΣΤΟ ΑΞΟΝΙΚΟ ΦΟΡΤΙΟ ΑΚΡΟΒΑΘΡΟΥ ΓΙΑ ΚΙΝΗΤΑ ΦΟΡΤΙΑ

$$Q=-755,00 \text{ KN}$$

$$\text{ΣΥΝΟΛΙΚΟ ΑΞΟΝΙΚΟ ΦΟΡΤΙΟ } N=P+Q=-4307,68 \text{ KN}$$

$$\text{ΕΠΙΦΑΝΕΙΑ ΕΔΡΑΣΗΣ } 5,85 \times 11,00=64.35 \text{ m}^2$$

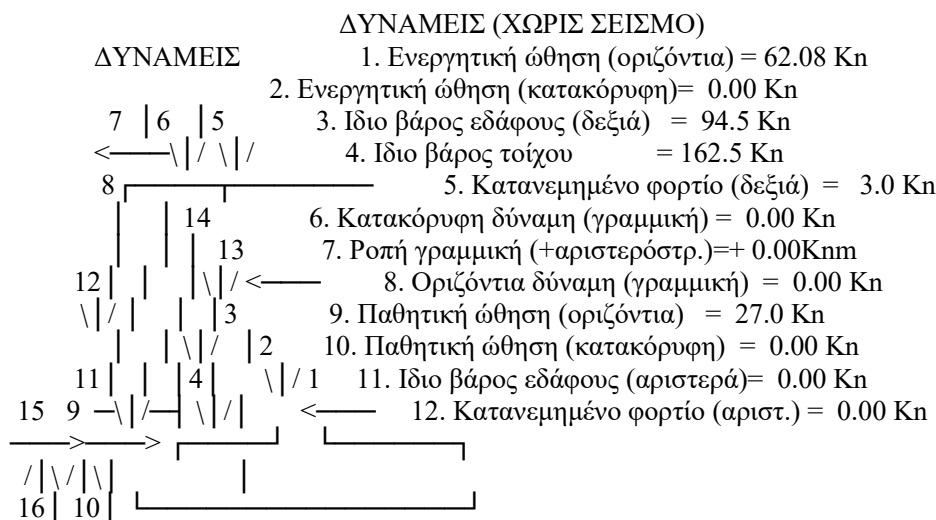
$$\text{Επιτρεπομενη ταση εδαφους } 150,00 \text{ KN/m}^2$$

$$\text{Αντοχή } 150,00 \times 64.35=9652.40 \text{ KN} > 4307.68 \text{ KN} \quad \text{OK}$$

$$\text{ΣΥΝΤΕΛΕΣΤΗΣ ΑΣΦΑΛΕΙΑΣ } 9652,40/4307,68=2,24 \text{ OK}$$

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$$\text{ΠΤΕΡΥΓΟΤΟΙΧΟΣ : } H=6.22 \text{ m}$$



**ΣΕΙΣΜΙΚΕΣ ΩΘΗΣΕΙΣ** με  $a_h = 0.17$   $a_v = 0.112$   
 Ενερ.(X-.3Y) 13.Οριζ.= 19.5Kn 14.Κατ.= 0.00Kn  
 Παθητ.>> 15.Οριζ.= 3.72Kn 16.Κατ.= 0.00Kn  
 Ενερ.(X+.3Y) 13.Οριζ.= 23.43Kn 14.Κατ.= 0.00Kn  
 Παθητ.>> 15.Οριζ.= 1.89Kn 16.Κατ.= 0.00Kn  
 Ενερ.(.3X-Y) 13.Οριζ.= -1.19Kn 14.Κατ.= 0.00Kn  
 Παθητ.>> 15.Οριζ.= 3.84Kn 16.Κατ.= 0.00Kn  
 Ενερ.(.3X+Y) 13.Οριζ.= 12.68Kn 14.Κατ.= 0.00Kn  
 Παθητ.>> 15.Οριζ.= 2.22Kn 16.Κατ.= 0.00Kn

**ΣΕΙΣΜΙΚΕΣ ΔΥΝΑΜΕΙΣ** τοίχου-γαιών-φορτίων  
 13. Οριζ.= 44.2 14.Κατ.= 29.47Kn

#### ΕΛΕΓΧΟΙ ΔΙΑΤΟΜΩΝ (Συνολική αντοχή-NEAK)

H(m)	
6.0	* 15.0
4.75	* 15.0
3.5	* 15.0
2.25	* 15.0
1.0	* 15.0

As cm2 (As2)

TOMH	Nsd	Vsd	Vsd	Msd	Msd	εc	εc	As	Ράβδοι	Μήκος	Βάρος
	(Kn)	(Kn)	+σεισμ	(Knm)	+σεισμ	1000x	1000x	(cm <sup>2</sup> )		ράβδου	(N /m)
A-A	-52.43	38.99	69.74	46.78	108.06	-0.7	-0.88	15.0	Φ20/20	6.4	773
B-B	-14.03	66.77	133.61	46.39	103.21	-0.36	-0.48	25.0	Φ20/15	3.8	759
Γ-Γ	-15.04	21.29	87.92	15.54	77.86	-0.23	-0.42	25.0	Φ20/15	3.8	759

Οριζόντιες διανομές τοίχου αριστερά και δεξιά: Φ16/20

## ΕΛΕΓΧΟΙ ΕΥΣΤΑΘΕΙΑΣ

Ολίσθηση:  $\eta_0 = \Sigma V \cdot \tan(\varphi') / \Sigma H$

Ανατροπή:  $\eta_a = \Sigma M_{\text{ευστ.}} / \Sigma M_{\text{αν.}}$

Συνδ.	συντελεστές		Τάσεις σε Kn/m <sup>2</sup>			Ενεργός
Φόρτισης	no	na	σ <sub>max</sub>	σ <sub>min</sub>	σεπ.	περιοχή(m)
G+Q	4.28	5.73	71.6	76.9	150	3.5
Ex-.3Ey	1.42	2.07	145.5	0.0	225	3.45
Ex+.3Ey	1.48	2.14	150.9	2.6	225	3.5
.3Ex-Ey	2.61	3.23	90.5	41.4	225	3.5
.3Ex+Ey	2.84	3.4	109.6	55.7	225	3.5

## ΠΑΡΑΡΤΗΜΑ Α: ΜΕΤΑΚΙΝΗΣΗ ΚΑΙ ΚΑΤΑΚΟΡΥΦΕΣ ΔΥΝΑΜΕΙΣ

A1

Ελεγχος ΜΕΤΑΘΕΤΟΤΗΤΑΣ τοίχου

<<ΓΚΑΖΕΤΑΣ-ΜΠΟΥΚΟΥΒΑΛΑΣ :ΑΝΤΙΣΕΙΣΜΙΚΟΣ ΥΠΟΛΟΓΙΣΜΟΣ ... >> Δ.Σ.Π.Μ τ.199

Ac= 2.7m/sec<sup>2</sup> A= 1.7m/sec<sup>2</sup> X = 1.588235

Μετατοπιση Δ= 0.001(m)

ΕΠΙΜΕΡΟΥΣ ΔΥΝΑΜΕΙΣ ΑΠΟ:ΒΑΡΟΣ ΤΟΙΧΟΥ & ΓΑΙΩΝ - ΚΑΤΑΝΕΜΗΜΕΝΑ. X-Y Κ.Β.

ΤΜΗΜΑ 1 V= 35 Kn X= 0.7 m Y= 0.5 m  
 ΤΜΗΜΑ 2 V= 0 Kn X= 0.93 m Y= 1.0 m  
 ΤΜΗΜΑ 3 V= 38 Kn X= 2.75 m Y= 0.5 m  
 ΤΜΗΜΑ 4 V= 0 Kn X= 2.5 m Y= 1.0 m  
 ΤΜΗΜΑ 5 V= 15 Kn X= 1.7 m Y= 0.5 m  
 ΤΜΗΜΑ 6 V= 0 Kn X= 1.4 m Y= 2.67 m  
 ΤΜΗΜΑ 7 V= 75 Kn X= 1.7 m Y= 3.0 m  
 ΤΜΗΜΑ 8 V= 0 Kn X= 2.0 m Y= 2.67 m  
 ΤΜΗΜΑ 9 V= 0 Kn X= 0.00 m Y= 1.0 m  
 ΤΜΗΜΑ 10 V= 0 Kn X= 0.7 m Y= 1.0 m  
 ΤΜΗΜΑ 11 V= 0 Kn X= 1.4 m Y= 1.0 m  
 ΤΜΗΜΑ 12 V= 0 Kn X= 0.7 m Y= 1.0 m  
 ΤΜΗΜΑ 13 V= 0 Kn X= 3.5 m Y= 1.0 m  
 ΤΜΗΜΑ 14 V= 95 Kn X= 2.75 m Y= 2.75 m  
 ΤΜΗΜΑ 15 V= 0 Kn X= 2.0 m Y= 3.33 m  
 ΤΜΗΜΑ 16 V= 3 Kn X= 2.75 m Y= 4.5 m

## ΧΩΡΙΣ ΣΕΙΣΜΟ

ΠΙΕΣΕΙΣ ΑΠΟ ΠΑΘΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΧΩΡΙΣ ΣΕΙΣΜΟ Kn/m<sup>2</sup>/m  
σε υψος 0.00(m) από εδαφος  $\sigma = 53.998$  από φορτίο  $\sigma = 0.000$

ΠΙΕΣΕΙΣ ΑΠΟ ΕΝΕΡΓΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΧΩΡΙΣ ΣΕΙΣΜΟ Kn/m<sup>2</sup>/m  
σε υψος 0.00(m) από εδαφος  $\sigma = 12.0$   
από φορτίο  $\sigma = 0.667$

ΟΙ ΑΝΩΤΕΡΩ ΠΙΕΣΕΙΣ ΕΙΝΑΙ ΜΕ ΕΙΔΙΚΟ ΒΑΡΟΣ 8 Kn/m<sup>3</sup>  
ΑΘΡΟΙΖΟΝΤΑΙ ΕΠΙΣΗΣ ΛΟΓΩ ΣΤΕΓΝΟΥ ΕΔΑΦΟΥΣ ΟΙ ΠΙΕΣΕΙΣ:  
σε υψος 1.0(m) από εδαφος  $\sigma = 11.667$

ΕΝΕΡΓΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΧΩΡΙΣ ΣΕΙΣΜΟ ΚΑΙ Χ-Υ ΩΘΗΣΕΩΝ (ΚΑ<sub>op</sub>=0.333 ΚΑ<sub>καθ</sub>=0.000)

ΤΜΗΜΑ 1 H= 2.3 Kn V= 0.0 Kn X= 3.5 m Y= 2.75 m  
ΤΜΗΜΑ 2 H= 27.0 Kn V= 0.0 Kn X= 3.5 m Y= 1.5 m  
ΤΜΗΜΑ 5 H= 0.7 Kn V= 0.0 Kn X= 3.5 m Y= 0.5 m  
ΤΜΗΜΑ 11 H= 20.4 Kn V= 0.0 Kn X= 3.5 m Y= 2.17 m  
ΤΜΗΜΑ 15 H= 11.7 Kn V= 0.0 Kn X= 3.5 m Y= 0.5 m

ΠΑΘΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΧΩΡΙΣ ΣΕΙΣΜΟ ΚΑΙ Χ-Υ ΩΘΗΣΕΩΝ (ΚΡ<sub>op</sub>= 3.0 ΚΡ<sub>καθ</sub>=0.000)

ΤΜΗΜΑ 2 H= 27.0 Kn V= 0.0 Kn X= 0.00 m Y= 0.33 m

## ΣΕΙΣΜΟΣ Ex + .3Ey

ΠΙΕΣΕΙΣ ΑΠΟ ΠΑΘΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΜΕ ΣΕΙΣΜΟ Kn/m<sup>2</sup>/m  
σε υψος 0.00(m) από εδαφος  $\sigma = 48.182$  από φορτίο  $\sigma = 0.000$   
ΠΙΕΣΕΙΣ ΑΠΟ ΕΝΕΡΓΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΜΕ ΣΕΙΣΜΟ Kn/m<sup>2</sup>/m  
σε υψος 0.00(m) από εδαφος  $\sigma = 16.32$   
από φορτίο  $\sigma = 0.907$

ΟΙ ΑΝΩΤΕΡΩ ΠΙΕΣΕΙΣ ΕΙΝΑΙ ΜΕ ΕΙΔΙΚΟ ΒΑΡΟΣ 8  
ΑΘΡΟΙΖΟΝΤΑΙ ΕΠΙΣΗΣ ΛΟΓΩ ΣΤΕΓΝΟΥ ΕΔΑΦΟΥΣ ΟΙ ΠΙΕΣΕΙΣ:  
σε υψος 1.0(m) από εδαφος  $\sigma = 15.866$

ΕΝΕΡΓΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΜΕ ΣΕΙΣΜΟ ΚΑΙ Χ-Υ ΩΘΗΣΕΩΝ (ΚΑ<sub>op</sub>=0.453 ΚΑ<sub>καθ</sub>=0.000)

ΤΜΗΜΑ 1 H= 3.1 Kn V= 0.0 Kn X= 3.5 m Y= 2.75 m  
ΤΜΗΜΑ 2 H= 35.5 Kn V= 0.0 Kn X= 3.5 m Y= 2.25 m  
ΤΜΗΜΑ 5 H= 0.9 Kn V= 0.0 Kn X= 3.5 m Y= 0.5 m  
ΤΜΗΜΑ 11 H= 26.8 Kn V= 0.0 Kn X= 3.5 m Y= 2.75 m  
ΤΜΗΜΑ 15 H= 15.3 Kn V= 0.0 Kn X= 3.5 m Y= 0.5 m

ΠΑΘΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΜΕ ΣΕΙΣΜΟ ΚΑΙ Χ-Υ ΩΘΗΣΕΩΝ (ΚΡ<sub>op</sub>=2.677 ΚΡ<sub>καθ</sub>=0.000)

ΤΜΗΜΑ 2 H= 23.3 Kn V= 0.0 Kn X= 0.00 m Y= 0.5 m

## ΣΕΙΣΜΟΣ Ex - .3Ey

ΠΙΕΣΕΙΣ ΑΠΟ ΠΑΘΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΜΕ ΣΕΙΣΜΟ Kn/m<sup>2</sup>/m

## B2

σε υψος 0.00(m) απο εδαφος  $\sigma = 48.585$  απο φορτιο  $\sigma = 0.000$   
ΠΙΕΣΕΙΣ ΑΠΟ ΕΝΕΡΓΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΜΕ ΣΕΙΣΜΟ Kn/m2/m  
σε υψος 0.00(m) απο εδαφος  $\sigma = 15.991$   
απο φορτιο  $\sigma = 0.888$

ΟΙ ΑΝΩΤΕΡΩ ΠΙΕΣΕΙΣ ΕΙΝΑΙ ΜΕ ΕΙΔΙΚΟ ΒΑΡΟΣ 8

ΑΘΡΟΙΖΟΝΤΑΙ ΕΠΙΣΗΣ ΛΟΓΩ ΣΤΕΓΝΟΥ ΕΛΑΦΟΥΣ ΟΙ ΠΙΕΣΕΙΣ:

σε υψος 1.0(m) απο εδαφος  $\sigma = 15.546$

ΕΝΕΡΓΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΜΕ ΣΕΙΣΜΟ ΚΑΙ Χ-Υ ΩΘΗΣΕΩΝ (ΚΑ<sub>op</sub>=0.453 ΚΑ<sub>καθ</sub>=0.000)

ΤΜΗΜΑ 1 H= 3.2 Kn V= 0.0 Kn X= 3.5 m Y= 2.75 m  
ΤΜΗΜΑ 2 H= 37.2 Kn V= 0.0 Kn X= 3.5 m Y= 2.25 m  
ΤΜΗΜΑ 5 H= 0.9 Kn V= 0.0 Kn X= 3.5 m Y= 0.5 m  
ΤΜΗΜΑ 11 H= 28.1 Kn V= 0.0 Kn X= 3.5 m Y= 2.75 m  
ΤΜΗΜΑ 15 H= 16.1 Kn V= 0.0 Kn X= 3.5 m Y= 0.5 m

ΠΑΘΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΜΕ ΣΕΙΣΜΟ ΚΑΙ Χ-Υ ΩΘΗΣΕΩΝ (ΚΡ<sub>op</sub>=2.677 ΚΡ<sub>καθ</sub>=0.000)

ΤΜΗΜΑ 2 H= 25.1 Kn V= 0.0 Kn X= 0.00 m Y= 0.5 m

### ΣΕΙΣΜΟΣ .3E<sub>x</sub> + E<sub>y</sub>

ΠΙΕΣΕΙΣ ΑΠΟ ΠΑΘΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΜΕ ΣΕΙΣΜΟ Kn/m2/m  
σε υψος 0.00(m) απο εδαφος  $\sigma = 52.176$  απο φορτιο  $\sigma = 0.000$   
ΠΙΕΣΕΙΣ ΑΠΟ ΕΝΕΡΓΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΜΕ ΣΕΙΣΜΟ Kn/m2/m  
σε υψος 0.00(m) απο εδαφος  $\sigma = 13.257$   
απο φορτιο  $\sigma = 0.736$

ΟΙ ΑΝΩΤΕΡΩ ΠΙΕΣΕΙΣ ΕΙΝΑΙ ΜΕ ΕΙΔΙΚΟ ΒΑΡΟΣ 8

ΑΘΡΟΙΖΟΝΤΑΙ ΕΠΙΣΗΣ ΛΟΓΩ ΣΤΕΓΝΟΥ ΕΛΑΦΟΥΣ ΟΙ ΠΙΕΣΕΙΣ:

σε υψος 1.0(m) απο εδαφος  $\sigma = 12.889$

ΕΝΕΡΓΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΜΕ ΣΕΙΣΜΟ ΚΑΙ Χ-Υ ΩΘΗΣΕΩΝ (ΚΑ<sub>op</sub>=0.453 ΚΑ<sub>καθ</sub>=0.000)

ΤΜΗΜΑ 1 H= 2.3 Kn V= 0.0 Kn X= 3.5 m Y= 2.75 m  
ΤΜΗΜΑ 2 H= 26.5 Kn V= 0.0 Kn X= 3.5 m Y= 2.25 m  
ΤΜΗΜΑ 5 H= 0.7 Kn V= 0.0 Kn X= 3.5 m Y= 0.5 m  
ΤΜΗΜΑ 11 H= 20.0 Kn V= 0.0 Kn X= 3.5 m Y= 2.75 m  
ΤΜΗΜΑ 15 H= 11.4 Kn V= 0.0 Kn X= 3.5 m Y= 0.5 m

ΠΑΘΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΜΕ ΣΕΙΣΜΟ ΚΑΙ Χ-Υ ΩΘΗΣΕΩΝ (ΚΡ<sub>op</sub>=2.677 ΚΡ<sub>καθ</sub>=0.000)

ΤΜΗΜΑ 2 H= 23.2 Kn V= 0.0 Kn X= 0.00 m Y= 0.5 m

### ΣΕΙΣΜΟΣ .3E<sub>x</sub> - E<sub>y</sub>

ΠΙΕΣΕΙΣ ΑΠΟ ΠΑΘΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΜΕ ΣΕΙΣΜΟ Kn/m2/m  
σε υψος 0.00(m) απο εδαφος  $\sigma = 52.549$  απο φορτιο  $\sigma = 0.000$   
ΠΙΕΣΕΙΣ ΑΠΟ ΕΝΕΡΓΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΜΕ ΣΕΙΣΜΟ Kn/m2/m  
σε υψος 0.00(m) απο εδαφος  $\sigma = 12.993$   
απο φορτιο  $\sigma = 0.722$

ΟΙ ΑΝΩΤΕΡΩ ΠΙΕΣΕΙΣ ΕΙΝΑΙ ΜΕ ΕΙΔΙΚΟ ΒΑΡΟΣ 8

ΑΘΡΟΙΖΟΝΤΑΙ ΕΠΙΣΗΣ ΛΟΓΩ ΣΤΕΓΝΟΥ ΕΛΑΦΟΥΣ ΟΙ ΠΙΕΣΕΙΣ:

σε υψος 1.0(m) απο εδαφος  $\sigma = 12.632$

## ΕΝΕΡΓΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΜΕ ΣΕΙΣΜΟ ΚΑΙ Χ-Υ ΩΘΗΣΕΩΝ (ΚΑορ=0.453 ΚΑκαθ=0.000)

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 ΤΜΗΜΑ 1 H= 2.8 Kn V= 0.0 Kn X= 3.5 m Y= 2.75 m  
 ΤΜΗΜΑ 2 H= 32.5 Kn V= 0.0 Kn X= 3.5 m Y= 2.25 m  
 ΤΜΗΜΑ 5 H= 0.8 Kn V= 0.0 Kn X= 3.5 m Y= 0.5 m  
 ΤΜΗΜΑ 11 H= 24.6 Kn V= 0.0 Kn X= 3.5 m Y= 2.75 m  
 ΤΜΗΜΑ 15 H= 14.0 Kn V= 0.0 Kn X= 3.5 m Y= 0.5 m

## ΠΑΘΗΤΙΚΕΣ ΩΘΗΣΕΙΣ ΜΕ ΣΕΙΣΜΟ ΚΑΙ Χ-Υ ΩΘΗΣΕΩΝ (ΚΡορ=2.677 ΚΡκαθ=0.000)

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 ΤΜΗΜΑ 2 H= 29.2 Kn V= 0.0 Kn X= 0.00 m Y= 0.5 m

## ΠΑΡΑΡΤΗΜΑ Γ: ΕΝΤΑΤΙΚΑ ΜΕΓΕΘΗ ΔΙΑΣΤΑΣΙΟΛΟΓΗΣΗΣ

Γ1

## =====

## ΚΟΡΜΟΣ ΤΟΙΧΟΥ

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## ΣΕ ΥΨΟΣ 1.0 m

G+Q Msd= 46.75Knm Vsd= 38.97Kn Nsd= -52.42Kn  
 Ex-.3Ey Msd= 105.03Knm Vsd= 67.25Kn Nsd= -50.65Kn  
 Ex+.3Ey Msd= 107.98Knm Vsd= 69.71Kn Nsd= -54.18Kn  
 .3Ex-Ey Msd= 58.92Knm Vsd= 43.03Kn Nsd= -46.54Kn  
 .3Ex+Ey Msd= 69.37Knm Vsd= 51.73Kn Nsd= -58.3Kn  
 G+Q h= 60cm As1= 15.0cm<sup>2</sup> As2= 0.0cm<sup>2</sup> (Rsd=1.35 χ Ρεπιλυσης) As=Asmin  
 Ex-Ey h= 60cm As1= 15.0cm<sup>2</sup> As2= 0.0cm<sup>2</sup> (Rsd=1.00 χ Ρεπιλυσης) As=Asmin

## ΣΕ ΥΨΟΣ 2.25 m

G+Q Msd= 13.01Knm Vsd= 16.63Kn Nsd= -33.69Kn  
 Ex-.3Ey Msd= 35.1Knm Vsd= 32.16Kn Nsd= -32.55Kn  
 Ex+.3Ey Msd= 35.92Knm Vsd= 33.21Kn Nsd= -34.82Kn  
 .3Ex-Ey Msd= 18.16Knm Vsd= 19.4Kn Nsd= -29.91Kn  
 .3Ex+Ey Msd= 21.07Knm Vsd= 23.12Kn Nsd= -37.47Kn  
 G+Q h= 60cm As1= 15.0cm<sup>2</sup> As2= 0.0cm<sup>2</sup> (Rsd=1.35 χ Ρεπιλυσης) As=Asmin  
 Ex-Ey h= 60cm As1= 15.0cm<sup>2</sup> As2= 0.0cm<sup>2</sup> (Rsd=1.00 χ Ρεπιλυσης) As=Asmin

## ΣΕ ΥΨΟΣ 3.5 m

G+Q Msd= 1.32Knm Vsd= 3.65Kn Nsd= -14.95Kn  
 Ex-.3Ey Msd= 5.29Knm Vsd= 9.37Kn Nsd= -14.45Kn  
 Ex+.3Ey Msd= 5.37Knm Vsd= 9.6Kn Nsd= -15.46Kn  
 .3Ex-Ey Msd= 2.36Knm Vsd= 4.95Kn Nsd= -13.28Kn  
 .3Ex+Ey Msd= 2.66Knm Vsd= 5.76Kn Nsd= -16.63Kn  
 G+Q h= 60cm As1= 15.0cm<sup>2</sup> As2= 0.0cm<sup>2</sup> (Rsd=1.35 χ Ρεπιλυσης) As=Asmin  
 Ex-Ey h= 60cm As1= 15.0cm<sup>2</sup> As2= 0.0cm<sup>2</sup> (Rsd=1.00 χ Ρεπιλυσης) As=Asmin

## ΣΕ ΥΨΟΣ 4.75 m

G+Q Msd= 0.01Knm Vsd= 0.02Kn Nsd= 3.78Kn  
 Ex-.3Ey Msd= 0.23Knm Vsd= 1.13Kn Nsd= 3.65Kn  
 Ex+.3Ey Msd= 0.23Knm Vsd= 1.12Kn Nsd= 3.9Kn  
 .3Ex-Ey Msd= 0.07Knm Vsd= 0.32Kn Nsd= 3.35Kn  
 .3Ex+Ey Msd= 0.07Knm Vsd= 0.32Kn Nsd= 4.2Kn  
 G+Q h= 60cm As1= 15.0cm<sup>2</sup> As2= 0.0cm<sup>2</sup> (Rsd=1.35 χ Ρεπιλυσης) As=Asmin  
 Ex-Ey h= 60cm As1= 15.0cm<sup>2</sup> As2= 0.0cm<sup>2</sup> (Rsd=1.00 χ Ρεπιλυσης) As=Asmin

## ΣΕ ΥΨΟΣ 6.0 m

G+Q Msd= 2.63Knm Vsd= 5.75Kn Nsd= 22.51Kn  
 Ex-.3Ey Msd= 4.58Knm Vsd= 0.67Kn Nsd= 21.75Kn  
 Ex+.3Ey Msd= 4.42Knm Vsd= 1.04Kn Nsd= 23.27Kn  
 .3Ex-Ey Msd= 0.17Knm Vsd= 3.58Kn Nsd= 19.98Kn  
 .3Ex+Ey Msd= 0.75Knm Vsd= 4.86Kn Nsd= 25.03Kn

G+Q h= 60cm As1= 15.0cm<sup>2</sup> As2= 0.0cm<sup>2</sup> (Rsd=1.35 χ Ρεπιλυσης) As=Asmin  
Ex-Ey h= 60cm As1= 15.0cm<sup>2</sup> As2= 0.0cm<sup>2</sup> (Rsd=1.00 χ Ρεπιλυσης) As=Asmin

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#### ΠΕΛΑΜΑ - ΠΡΟΒΟΛΟΣ ΔΕΞΙΑ

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G+Q Msd= -15.54Knm Vsd= 21.29Kn Nsd= -15.04Kn  
Ex-.3Ey Msd= -76.27Knm Vsd= 85.94Kn Nsd= -43.93Kn  
Ex+.3Ey Msd= -77.86Knm Vsd= 87.92Kn Nsd= -44.83Kn  
.3Ex-Ey Msd= -35.44Knm Vsd= 41.99Kn Nsd= -21.85Kn  
.3Ex+Ey Msd= -41.32Knm Vsd= 49.32Kn Nsd= -25.2Kn  
ΟΠΛΙΣΜΟΣ ΠΑΝΩ

#### Γ2

G+Q h=100cm As1= 25.0cm<sup>2</sup> As2= 0.0cm<sup>2</sup>(Rsd=1.35 χ Ρεπιλυσης) As=Asmin  
Ex-Ey h=100cm As1= 25.0cm<sup>2</sup> As2= 0.0cm<sup>2</sup>(Rsd=1.00 χ Ρεπιλυσης) As=Asmin

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#### ΠΕΛΑΜΑ - ΠΡΟΒΟΛΟΣ ΑΡΙΣΤΕΡΑ

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G+Q Msd= 46.39Knm Vsd= 66.77Kn Nsd= -14.03Kn  
Ex-.3Ey Msd= 99.64Knm Vsd= 128.58Kn Nsd= -41.0Kn  
Ex+.3Ey Msd= 103.21Knm Vsd= 133.61Kn Nsd= -41.84Kn  
.3Ex-Ey Msd= 60.54Knm Vsd= 81.9Kn Nsd= -20.4Kn  
.3Ex+Ey Msd= 73.09Knm Vsd= 99.38Kn Nsd= -23.52Kn  
ΟΠΛΙΣΜΟΣ ΚΑΤΩ

G+Q h=100cm As1= 25.0cm<sup>2</sup> As2= 0.0cm<sup>2</sup>(Rsd=1.35 χ Ρεπιλυσης) As=Asmin  
Ex-Ey h=100cm As1= 25.0cm<sup>2</sup> As2= 0.0cm<sup>2</sup>(Rsd=1.00 χ Ρεπιλυσης) As=Asmin