



comune di
PRATO

Codice Fiscale: 84006890481

Progetto: **Palestra del Complesso Scolastico "I Ciliani" in Via Taro**
Progetto strutturale di adeguamento alla normativa antisismica

Titolo:
Elaborato B2 - Fascicolo dei calcoli Palestra

Fase: **PROGETTO ESECUTIVO**

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Tavola: Elab. B2
Scala:
Spazio riservato agli uffici:

Oggetto: Progetto strutturale per l'adeguamento sismico secondo la vigente normativa tecnica del fabbricato destinato a palestra e del relativo blocco spogliatoi, il tutto a corredo del complesso scolastico "I Ciliani" posto in via Taro nel comune di Prato.

B2- FASCICOLO DEI CALCOLI CORPO DI FABBRICA PALESTRA

Prato 4 aprile 2013

Il tecnico

dott. ing. Carlo Savelli



Nota: per una redazione più snella del fascicolo sono state omesse le informazioni relative ai dati geometrici dei singoli nodi aggiuntivi costituenti il modello strutturale ed alcuni altri dati geometrici non rilevanti.
Tutte le informazioni rimangono comunque a disposizione presso lo studio del progettista.

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Geometria

Elenco vincoli nodi

Simbologia

Vn = Numero del vincolo nodo
 Comm. = Commento
 Sx = Spostamento in dir. X (L=libero, B=bloccato, E=elastico)
 Sy = Spostamento in dir. Y (L=libero, B=bloccato, E=elastico)
 Sz = Spostamento in dir. Z (L=libero, B=bloccato, E=elastico)
 Rx = Rotazione intorno all'asse X (L=libera, B=bloccata, E=elastica)
 Ry = Rotazione intorno all'asse Y (L=libera, B=bloccata, E=elastica)
 Rz = Rotazione intorno all'asse Z (L=libera, B=bloccata, E=elastica)
 RL = Rotazione libera
 Ly = Lunghezza (dir. Y locale)
 Lz = Larghezza (dir. Z locale)
 Kt = Coeff. di sottofondo su suolo elastico alla Winkler

Vn	Comm.	Sx	Sy	Sz	Rx	Ry	Rz	RL	Ly	Lz	Kt
									<m>	<m>	<kg/cm^c>
1	Libero	L	L	L	L	L	L				
3	El. sew 110001	B	B	L	L	L	B				

Elenco materiali

Simbologia

Mat. = Numero del materiale
 Comm. = Commento
 P = Peso specifico
 E = Modulo elastico
 G = Modulo elastico tangenziale
 v = Coeff. di Poisson
 α = Coeff. di dilatazione termica

Mat.	Comm.	P	E	G	v	α
		<kg/m^c>	<kg/cm^q>	<kg/cm^q>		
1	Calcestruzzo	2500	300000.00	130000.00	0.1	1.000000E-005

Elenco sezioni aste

Simbologia

Sez. = Numero della sezione
 Comm. = Commento
 Tipo = Tipologia
 2C = Doppia C lato labbri
 2Cdx = Doppia C lato costola
 2I = Doppia I
 2L = Doppia L lato labbri
 2Ldx = Doppia L lato costole
 C = C
 Cdx = C destra
 Cir. = Circolare
 Cir.c = Circolare cava
 I = I
 L = L
 Ldx = L destra
 Om. = Omega
 Pg = Pi greco
 Pr = Poligono regolare
 Prc = Poligono regolare cavo
 Pc = Per coordinate
 Ia = Inerzie assegnate
 R = Rettangolare
 Rc = Rettangolare cava
 T = T
 U = U
 Ur = U rovescia
 V = V
 Vr = V rovescia
 Z = Z
 Zdx = Z destra
 Ts = T stondata
 Ls = L stondata

	Cs	= C stondata
	Is	= I stondata
	Dis.	= Disegnata
Me	=	Membratura
	G	= Generica
	T	= Trave
	P	= Pilastro
Ver.	=	Verifica prevista
	N	= Nessuna
	C	= Cemento armato
	A	= Acciaio
	L	= Legno
B	=	Base
b	=	Base inferiore
H	=	Altezza
h	=	Altezza parte inf.
Ma	=	Numero del materiale
C	=	Numero del criterio di progetto
Ccol	=	Numero del criterio di progetto collegamento

Sez.	Comm.	Tipo	Me	Ver.	B	b	H	h	Ma	C	Ccol
					<cm>	<cm>	<cm>	<cm>			
1	Pilastrone X	R	P	C	40.00		100.00		1	1	
2	Pilastrone Y=0	R	P	C	40.00		100.00		1	1	
3	Pilastrone Y=25	R	P	C	40.00		100.00		1	1	
5	Tegolo	T	T	C	115.00	15.00	12.50	57.50	1	1	
6	Trave di bordo 1	Ldx	T	C	26.00	101.00	55.00	15.00	1	1	
7	Trave di bordo 2	L	T	C	26.00	101.00	55.00	15.00	1	1	
8	Trave fondazione esistente	T	T	C	26.00	70.00	50.00	50.00	1	2	
9	Cordolo fondazione nuovo	R	T	C	50.00		40.00		1	1	

Elenco vincoli aste

Simbologia

Va	=	Numero del vincolo asta
Comm.	=	Commento
Tipo	=	Tipologia
SVI	=	Definizione di vincolamenti interni
ELA	=	Vincolo su suolo elastico alla Winkler
BIE-RTC	=	Biella resistente a trazione e a compressione
BIE-RC	=	Biella resistente solo a compressione
BIE-RT	=	Biella resistente solo a trazione
Ni	=	Sforzo normale nodo iniziale (0=sbloccato, 1=bloccato)
Tyi	=	Taglio in dir. Y locale nodo iniziale (0=sbloccato, 1=bloccato)
Tzi	=	Taglio in dir. Z locale nodo iniziale (0=sbloccato, 1=bloccato)
Mxi	=	Momento intorno all'asse X locale nodo iniziale (0=sbloccato, 1=bloccato)
Myi	=	Momento intorno all'asse Y locale nodo iniziale (0=sbloccato, 1=bloccato)
Mzi	=	Momento intorno all'asse Z locale nodo iniziale (0=sbloccato, 1=bloccato)
Nf	=	Sforzo normale nodo finale (0=sbloccato, 1=bloccato)
Tyf	=	Taglio in dir. Y locale nodo finale (0=sbloccato, 1=bloccato)
Tzf	=	Taglio in dir. Z locale nodo finale (0=sbloccato, 1=bloccato)
Mxf	=	Momento intorno all'asse X locale nodo finale (0=sbloccato, 1=bloccato)
Myf	=	Momento intorno all'asse Y locale nodo finale (0=sbloccato, 1=bloccato)
Mzf	=	Momento intorno all'asse Z locale nodo finale (0=sbloccato, 1=bloccato)
Kt	=	Coeff. di sottofondo su suolo elastico alla Winkler

Va	Comm.	Tipo	Ni	Tyi	Tzi	Mxi	Myi	Mzi	Nf	Tyf	Tzf	Mxf	Myf	Mzf	Kt
															<kg/cm<
1	Inc+Inc	SVI	1	1	1	1	1	1	1	1	1	1	1	1	
30	Fondazione	ELA													3.00

Elenco aste

Simbologia

Asta	=	Numero dell'asta
N1	=	Nodo iniziale
N2	=	Nodo finale
Sez.	=	Numero della sezione
Va	=	Numero del vincolo asta
Par.	=	Numero dei parametri aggiuntivi
Rot.	=	Rotazione
FF	=	Filo fisso
Dy1	=	Scost. filo fisso Y1
Dy2	=	Scost. filo fisso Y2
Dz1	=	Scost. filo fisso Z1
Dz2	=	Scost. filo fisso Z2
Kt	=	Coeff. di sottofondo su suolo elastico alla Winkler

Asta	N1	N2	Sez.	Va	Par.	Rot. <grad>	FF	Dy1 <cm>	Dy2 <cm>	Dz1 <cm>	Dz2 <cm>	Kt <kg/cm>
1	1	101	1	1		0.00	55	0.00	0.00	0.00	0.00	
2	2	102	1	1		0.00	55	0.00	0.00	0.00	0.00	
3	3	103	1	1		0.00	55	0.00	0.00	0.00	0.00	
4	4	104	1	1		0.00	55	0.00	0.00	0.00	0.00	
5	5	105	1	1		0.00	55	0.00	0.00	0.00	0.00	
6	6	106	1	1		0.00	55	0.00	0.00	0.00	0.00	
7	7	107	1	1		0.00	55	0.00	0.00	0.00	0.00	
8	8	108	3	1		90.00	55	0.00	0.00	0.00	0.00	
9	9	109	2	1		90.00	55	0.00	0.00	0.00	0.00	
10	10	110	2	1		90.00	55	0.00	0.00	0.00	0.00	
11	11	111	3	1		90.00	55	0.00	0.00	0.00	0.00	
12	12	112	1	1		0.00	55	0.00	0.00	0.00	0.00	
13	13	113	1	1		0.00	55	0.00	0.00	0.00	0.00	
14	14	114	1	1		0.00	55	0.00	0.00	0.00	0.00	
15	15	115	1	1		0.00	55	0.00	0.00	0.00	0.00	
16	16	116	1	1		0.00	55	0.00	0.00	0.00	0.00	
17	17	117	1	1		0.00	55	0.00	0.00	0.00	0.00	
18	18	118	1	1		0.00	55	0.00	0.00	0.00	0.00	
4002	-194	-195	9	1		0.00	22	0.00	0.00	0.00	0.00	
4002	-195	-196	9	1		0.00	22	0.00	0.00	0.00	0.00	
4002	-196	-197	9	1		0.00	22	0.00	0.00	0.00	0.00	
4002	-197	-198	9	1		0.00	22	0.00	0.00	0.00	0.00	
4002	-198	-199	9	1		0.00	22	0.00	0.00	0.00	0.00	
4002	-199	-200	9	1		0.00	22	0.00	0.00	0.00	0.00	
4003	-260	-261	9	1		0.00	22	0.00	0.00	0.00	0.00	
4003	-261	-262	9	1		0.00	22	0.00	0.00	0.00	0.00	
4003	-262	-263	9	1		0.00	22	0.00	0.00	0.00	0.00	
4003	-263	-264	9	1		0.00	22	0.00	0.00	0.00	0.00	
4003	-264	-265	9	1		0.00	22	0.00	0.00	0.00	0.00	
4003	-265	-266	9	1		0.00	22	0.00	0.00	0.00	0.00	
4004	-386	-387	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4005	-64	-157	8	30		0.00	11	0.00	0.00	0.00	0.00	3.00
4007	-123	-160	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4010	-126	-195	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4010	-195	-261	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4010	-261	-327	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4013	-129	-196	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4013	-196	-262	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4013	-262	-330	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4016	-132	-197	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4016	-197	-263	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4016	-263	-333	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4019	-135	-198	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4019	-198	-264	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4019	-264	-336	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4022	-138	-199	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4022	-199	-265	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4022	-265	-339	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4025	-141	-143	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4027	-79	-146	8	30		0.00	11	0.00	0.00	0.00	0.00	3.00
4028	-66	-67	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4031	-388	-389	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4032	-301	-386	8	30		0.00	11	0.00	0.00	0.00	0.00	3.00
4034	-304	-324	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4052	-212	-248	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4054	-215	-251	8	30		0.00	11	0.00	0.00	0.00	0.00	3.00
4055	-68	-69	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4058	-390	-391	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4079	-317	-342	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4081	-320	-401	8	30		0.00	11	0.00	0.00	0.00	0.00	3.00
4082	-70	-71	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4085	-392	-393	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4109	-72	-73	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4112	-394	-395	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4136	-74	-75	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4139	-396	-397	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4163	-76	-77	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4166	-398	-399	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4190	-78	-79	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4193	-400	-401	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00

Elenco tipi elementi bidimensionali

Simbologia

Tb = Numero del tipo muro/elemento bidimensionale
 Comm. = Commento
 Tipo = Tipologia

	F	= Flessionale
	M	= Membranale
	W-RC	= Winkler resistente solo a compressione
	W-RTC	= Winkler resistente a trazione e a compressione
Uso	=	Utilizzo
	G	= Generico
	P	= Parete
	S	= Soletta/Platea
	N	= Nucleo
	M	= Muratura
	L	= Pilastro
Mat.	=	Numero del materiale
Crit.	=	Numero del criterio di progetto
Spess.	=	Spessore
Kt	=	Coeff. di sottofondo su suolo elastico alla Winkler

Tb	Comm.	Tipo	Uso	Mat.	Crit.	Spess. <cm>	Kt <kg/cm<
1	soletta copertura	F	S	1	1	12.50	
3	Fondazione	W-RTC	S	1	1	40.00	3.00

Elenco elementi bidimensionali

Simbologia

Bid.	=	Numero del muro/elemento bidimensionale
Tb	=	Numero del tipo muro/elemento bidimensionale
N1	=	Nodo 1
N2	=	Nodo 2
N3	=	Nodo 3
N4	=	Nodo 4
FF	=	Filo fisso
Dy1	=	Scost. filo fisso Y1
Dy2	=	Scost. filo fisso Y2
Kt	=	Coeff. di sottofondo su suolo elastico alla Winkler

Bid.	Tb	N1	N2	N3	N4	FF	Dy1	Dy2	Kt	Bid.	Tb	N1	N2	N3	N4	FF	Dy1	Dy2	Kt
							<cm>	<cm>	<kg/cm<								<cm>	<cm>	<kg/cm<
401	3	-323	-344	-345	-324	33	0.00	0.00	3.00	401	3	-345	-366	-367	-346	33	0.00	0.00	3.00
401	3	-424	-445	-446	-425	33	0.00	0.00	3.00	401	3	-403	-424	-425	-404	33	0.00	0.00	3.00
401	3	-365	-387	12	-366	33	0.00	0.00	3.00	401	3	-423	-444	-445	-424	33	0.00	0.00	3.00
401	3	12	-403	-404	-388	33	0.00	0.00	3.00	401	3	-366	12	-388	-367	33	0.00	0.00	3.00
401	3	-324	-345	-346	-325	33	0.00	0.00	3.00	401	3	-402	-423	-424	-403	33	0.00	0.00	3.00
401	3	-387	-402	-403	12	33	0.00	0.00	3.00	401	3	-344	-365	-366	-345	33	0.00	0.00	3.00
402	3	-237	-243	-244	-238	33	0.00	0.00	3.00	402	3	-218	-224	-225	-219	33	0.00	0.00	3.00
402	3	-242	-254	-255	-243	33	0.00	0.00	3.00	402	3	-191	-207	-208	9	33	0.00	0.00	3.00
402	3	-225	-231	-232	-226	33	0.00	0.00	3.00	402	3	-224	-230	-231	-225	33	0.00	0.00	3.00
402	3	10	-284	-285	-274	33	0.00	0.00	3.00	402	3	-272	-282	-283	-273	33	0.00	0.00	3.00
402	3	9	-208	-209	-192	33	0.00	0.00	3.00	402	3	-231	-237	-238	-232	33	0.00	0.00	3.00
402	3	-157	-169	-170	-158	33	0.00	0.00	3.00	402	3	-297	-303	-304	-298	33	0.00	0.00	3.00
402	3	-282	-293	-294	-283	33	0.00	0.00	3.00	402	3	-273	-283	-284	10	33	0.00	0.00	3.00
402	3	-219	-225	-226	-220	33	0.00	0.00	3.00	402	3	-295	-301	-302	-296	33	0.00	0.00	3.00
402	3	-236	-242	-243	-237	33	0.00	0.00	3.00	402	3	-206	-218	-219	-207	33	0.00	0.00	3.00
402	3	-230	-236	-237	-231	33	0.00	0.00	3.00	402	3	-181	-192	-193	-182	33	0.00	0.00	3.00
402	3	-180	9	-192	-181	33	0.00	0.00	3.00	402	3	-170	-181	-182	-171	33	0.00	0.00	3.00
402	3	-169	-180	-181	-170	33	0.00	0.00	3.00	402	3	-158	-170	-171	-159	33	0.00	0.00	3.00
402	3	-190	-206	-207	-191	33	0.00	0.00	3.00	402	3	-246	-258	-259	-247	33	0.00	0.00	3.00
402	3	-155	-167	-168	-156	33	0.00	0.00	3.00	402	3	-240	-246	-247	-241	33	0.00	0.00	3.00
402	3	-156	-168	-169	-157	33	0.00	0.00	3.00	402	3	-296	-302	-303	-297	33	0.00	0.00	3.00
402	3	-275	-286	-287	-260	33	0.00	0.00	3.00	402	3	-207	-219	-220	-208	33	0.00	0.00	3.00
402	3	-284	-295	-296	-285	33	0.00	0.00	3.00	402	3	-274	-285	-286	-275	33	0.00	0.00	3.00
402	3	-258	-275	-260	-259	33	0.00	0.00	3.00	402	3	-257	-274	-275	-258	33	0.00	0.00	3.00
402	3	-243	-255	-256	-244	33	0.00	0.00	3.00	402	3	-245	-257	-258	-246	33	0.00	0.00	3.00
402	3	-244	-256	-257	-245	33	0.00	0.00	3.00	402	3	-239	-245	-246	-240	33	0.00	0.00	3.00
402	3	-294	-300	-301	-295	33	0.00	0.00	3.00	402	3	-234	-240	-241	-235	33	0.00	0.00	3.00
402	3	-228	-234	-235	-229	33	0.00	0.00	3.00	402	3	-222	-228	-229	-223	33	0.00	0.00	3.00
402	3	-210	-222	-223	-211	33	0.00	0.00	3.00	402	3	-221	-227	-228	-222	33	0.00	0.00	3.00
402	3	-285	-296	-297	-286	33	0.00	0.00	3.00	402	3	-286	-297	-298	-287	33	0.00	0.00	3.00
402	3	-208	-220	-221	-209	33	0.00	0.00	3.00	402	3	-192	-209	-210	-193	33	0.00	0.00	3.00
402	3	-255	-273	10	-256	33	0.00	0.00	3.00	402	3	-256	10	-274	-257	33	0.00	0.00	3.00
402	3	-226	-232	-233	-227	33	0.00	0.00	3.00	402	3	-159	-171	-172	-160	33	0.00	0.00	3.00
402	3	-220	-226	-227	-221	33	0.00	0.00	3.00	402	3	-238	-244	-245	-239	33	0.00	0.00	3.00
402	3	-233	-239	-240	-234	33	0.00	0.00	3.00	402	3	-232	-238	-239	-233	33	0.00	0.00	3.00
402	3	-227	-233	-234	-228	33	0.00	0.00	3.00	402	3	-254	-272	-273	-255	33	0.00	0.00	3.00
402	3	-167	-178	-179	-168	33	0.00	0.00	3.00	402	3	-193	-210	-211	-194	33	0.00	0.00	3.00
402	3	-209	-221	-222	-210	33	0.00	0.00	3.00	402	3	-179	-191	9	-180	33	0.00	0.00	3.00
402	3	-283	-294	-295	-284	33	0.00	0.00	3.00	402	3	-182	-193	-194	-183	33	0.00	0.00	3.00
402	3	-171	-182	-183	-172	33	0.00	0.00	3.00	402	3	-168	-179	-180	-169	33	0.00	0.00	3.00
402	3	-293	-299	-300	-294	33	0.00	0.00	3.00	402	3	-178	-190	-191	-179	33	0.00	0.00	3.00
403	3	-348	-369	-370	-349	33	0.00	0.00	3.00	403	3	-426	-447	-448	-427	33	0.00	0.00	3.00

415	3	-25	-46	-47	-26	33	0.00	0.00	3.00	415	3	-67	-83	-84	2	33	0.00	0.00	3.00
415	3	-84	-105	-106	-85	33	0.00	0.00	3.00	415	3	-104	-125	-126	-105	33	0.00	0.00	3.00
415	3	-46	-67	2	-47	33	0.00	0.00	3.00	415	3	-4	-25	-26	-5	33	0.00	0.00	3.00
415	3	2	-84	-85	-68	33	0.00	0.00	3.00	415	3	-47	2	-68	-48	33	0.00	0.00	3.00
415	3	-105	-126	-127	-106	33	0.00	0.00	3.00	415	3	-26	-47	-48	-27	33	0.00	0.00	3.00
416	3	-2	-23	-24	-3	33	0.00	0.00	3.00	416	3	-44	1	-66	-45	33	0.00	0.00	3.00
416	3	-65	-80	-81	1	33	0.00	0.00	3.00	416	3	-81	-102	-103	-82	33	0.00	0.00	3.00
416	3	-101	-122	-123	-102	33	0.00	0.00	3.00	416	3	-23	-44	-45	-24	33	0.00	0.00	3.00
416	3	1	-81	-82	-66	33	0.00	0.00	3.00	416	3	-102	-123	-124	-103	33	0.00	0.00	3.00
416	3	-22	-43	-44	-23	33	0.00	0.00	3.00	416	3	-43	-65	1	-44	33	0.00	0.00	3.00
416	3	-80	-101	-102	-81	33	0.00	0.00	3.00	416	3	-1	-22	-23	-2	33	0.00	0.00	3.00
417	3	-187	-203	-204	-188	33	0.00	0.00	3.00	417	3	-177	-188	-189	-175	33	0.00	0.00	3.00
417	3	-176	-186	-187	8	33	0.00	0.00	3.00	417	3	-188	-204	-205	-189	33	0.00	0.00	3.00
417	3	-152	-164	-165	-153	33	0.00	0.00	3.00	417	3	-147	-153	-154	-148	33	0.00	0.00	3.00
417	3	-163	-176	8	-164	33	0.00	0.00	3.00	417	3	-203	-215	-216	-204	33	0.00	0.00	3.00
417	3	-201	-213	-214	-202	33	0.00	0.00	3.00	417	3	-186	-202	-203	-187	33	0.00	0.00	3.00
417	3	-185	-201	-202	-186	33	0.00	0.00	3.00	417	3	-162	-174	-176	-163	33	0.00	0.00	3.00
417	3	-146	-152	-153	-147	33	0.00	0.00	3.00	417	3	-204	-216	-217	-205	33	0.00	0.00	3.00
417	3	-202	-214	-215	-203	33	0.00	0.00	3.00	417	3	-165	-177	-175	-166	33	0.00	0.00	3.00
417	3	-164	8	-177	-165	33	0.00	0.00	3.00	417	3	-153	-165	-166	-154	33	0.00	0.00	3.00
417	3	-200	-212	-213	-201	33	0.00	0.00	3.00	417	3	-174	-185	-186	-176	33	0.00	0.00	3.00
417	3	-184	-200	-201	-185	33	0.00	0.00	3.00	417	3	-173	-184	-185	-174	33	0.00	0.00	3.00
417	3	-151	-163	-164	-152	33	0.00	0.00	3.00	417	3	-150	-162	-163	-151	33	0.00	0.00	3.00
417	3	-145	-151	-152	-146	33	0.00	0.00	3.00	417	3	8	-187	-188	-177	33	0.00	0.00	3.00
417	3	-149	-161	-162	-150	33	0.00	0.00	3.00	417	3	-161	-173	-174	-162	33	0.00	0.00	3.00
417	3	-144	-150	-151	-145	33	0.00	0.00	3.00	417	3	-143	-149	-150	-144	33	0.00	0.00	3.00

Carichi

Condizioni di carico elementari

Simbologia

CCE	= Numero della condizione di carico elementare
Comm.	= Commento
Mx	= Moltiplicatore della massa in dir. X
My	= Moltiplicatore della massa in dir. Y
Mz	= Moltiplicatore della massa in dir. Z
Jpx	= Moltiplicatore del momento d'inerzia intorno all'asse X
Jpy	= Moltiplicatore del momento d'inerzia intorno all'asse Y
Jpz	= Moltiplicatore del momento d'inerzia intorno all'asse Z
Tipo CCE	= Tipo di CCE per calcolo agli stati limite
Sicurezza	= Contributo alla sicurezza
	F = a favore
	S = a sfavore
	A = ambigua
Variabilità	= Tipo di variabilità
	B = di base
	I = indipendente
	A = ambigua

CCE	Comm.	Mx	My	Mz	Jpx	Jpy	Jpz	Tipo CCE	Sicurezza	Variabilità
1	Permanenti Strutturali	1.00	1.00	0.00	0.00	0.00	1.00	1 D.M. 08 Permanenti strutturali	S	--
2	Carico Neve	1.00	1.00	0.00	0.00	0.00	1.00	11 D.M. 08 Variabili Neve (a quota <= 1000 m s.l.m.)	S	B
3	Sisma X SLV	1.00	1.00	0.00	0.00	0.00	1.00	19 EX - SLV	S	--
4	Sisma Y SLV	1.00	1.00	0.00	0.00	0.00	1.00	20 EY - SLV	S	--
5	Sisma X SLD	1.00	1.00	0.00	0.00	0.00	1.00	21 EX - SLD	S	--
6	Sisma Y SLD	1.00	1.00	0.00	0.00	0.00	1.00	22 EY - SLD	S	--
7	Sisma X SLO	1.00	1.00	0.00	0.00	0.00	1.00	23 EX - SLO	S	--
8	Sisma Y SLO	1.00	1.00	0.00	0.00	0.00	1.00	24 EY - SLO	S	--
9	Peso Murature	1.00	1.00	0.00	0.00	0.00	1.00	2 D.M. 08 Permanenti non strutturali	S	--

Elenco carichi aste

Condizione di carico n. 1: Permanenti Strutturali

Carichi distribuiti

Simbologia

Asta	= Numero dell'asta
N1	= Nodo iniziale
N2	= Nodo finale
S	= Numero del solaio di provenienza
T	= Tipo di carico
	QA = Carico accidentale da solaio
	QPS = Carico permanente strutturale da solaio
	QPN = Carico permanente non strutturale da solaio
	PP = Peso proprio
	M = Manuale
DC	= Direzione del carico
	XG,YG,ZG = secondo gli assi Globali
	XL,YL,ZL = secondo gli assi Locali

Xi = Distanza iniziale
 Qi = Carico iniziale
 Xf = Distanza finale
 Qf = Carico finale

Asta	N1	N2	S	T	DC	Xi	Qi	Xf	Qf	Asta	N1	N2	S	T	DC	Xi	Qi	Xf	Qf
						<m>	<kg/m>	<m>	<kg/m>							<m>	<kg/m>	<m>	<kg/m>
1	1	101	--	PP	ZG	0.00	1000.00	6.90	1000.00	2	2	102	--	PP	ZG	0.00	1000.00	6.90	1000.00
3	3	103	--	PP	ZG	0.00	1000.00	6.90	1000.00	4	4	104	--	PP	ZG	0.00	1000.00	6.90	1000.00
5	5	105	--	PP	ZG	0.00	1000.00	6.90	1000.00	6	6	106	--	PP	ZG	0.00	1000.00	6.90	1000.00
7	7	107	--	PP	ZG	0.00	1000.00	6.90	1000.00	8	8	108	--	PP	ZG	0.00	1000.00	6.90	1000.00
9	9	109	--	PP	ZG	0.00	1000.00	6.90	1000.00	10	10	110	--	PP	ZG	0.00	1000.00	6.90	1000.00
11	11	111	--	PP	ZG	0.00	1000.00	6.90	1000.00	12	12	112	--	PP	ZG	0.00	1000.00	6.90	1000.00
13	13	113	--	PP	ZG	0.00	1000.00	6.90	1000.00	14	14	114	--	PP	ZG	0.00	1000.00	6.90	1000.00
15	15	115	--	PP	ZG	0.00	1000.00	6.90	1000.00	16	16	116	--	PP	ZG	0.00	1000.00	6.90	1000.00
17	17	117	--	PP	ZG	0.00	1000.00	6.90	1000.00	18	18	118	--	PP	ZG	0.00	1000.00	6.90	1000.00
4002	-195	-196	--	PP	ZG	0.00	500.00	3.75	500.00	4002	-196	-197	--	PP	ZG	0.00	500.00	3.75	500.00
4002	-197	-198	--	PP	ZG	0.00	500.00	3.75	500.00	4002	-198	-199	--	PP	ZG	0.00	500.00	3.75	500.00
4002	-199	-200	--	PP	ZG	0.00	500.00	3.75	500.00	4003	-260	-261	--	PP	ZG	0.00	500.00	3.75	500.00
4003	-261	-262	--	PP	ZG	0.00	500.00	3.75	500.00	4003	-262	-263	--	PP	ZG	0.00	500.00	3.75	500.00
4003	-263	-264	--	PP	ZG	0.00	500.00	3.75	500.00	4003	-264	-265	--	PP	ZG	0.00	500.00	3.75	500.00
4003	-265	-266	--	PP	ZG	0.00	500.00	3.75	500.00	4004	-386	-387	--	PP	ZG	0.00	1200.00	0.75	1200.00
4005	-64	-157	--	PP	ZG	0.00	1200.00	5.08	1200.00	4007	-123	-160	--	PP	ZG	0.00	500.00	3.88	500.00
4010	-126	-195	--	PP	ZG	0.00	500.00	5.22	500.00	4010	-195	-261	--	PP	ZG	0.00	500.00	2.70	500.00
4010	-261	-327	--	PP	ZG	0.00	500.00	5.22	500.00	4013	-129	-196	--	PP	ZG	0.00	500.00	5.22	500.00
4013	-196	-262	--	PP	ZG	0.00	500.00	2.70	500.00	4013	-262	-330	--	PP	ZG	0.00	500.00	5.22	500.00
4016	-132	-197	--	PP	ZG	0.00	500.00	5.22	500.00	4016	-197	-263	--	PP	ZG	0.00	500.00	2.70	500.00
4016	-263	-333	--	PP	ZG	0.00	500.00	5.22	500.00	4019	-135	-198	--	PP	ZG	0.00	500.00	5.22	500.00
4019	-198	-264	--	PP	ZG	0.00	500.00	2.70	500.00	4019	-264	-336	--	PP	ZG	0.00	500.00	5.22	500.00
4022	-138	-199	--	PP	ZG	0.00	500.00	5.22	500.00	4022	-199	-265	--	PP	ZG	0.00	500.00	2.70	500.00
4022	-265	-339	--	PP	ZG	0.00	500.00	5.22	500.00	4025	-141	-143	--	PP	ZG	0.00	500.00	2.98	500.00
4027	-79	-146	--	PP	ZG	0.00	1200.00	4.17	1200.00	4028	-66	-67	--	PP	ZG	0.00	1200.00	2.75	1200.00
4031	-388	-389	--	PP	ZG	0.00	1200.00	2.75	1200.00	4032	-301	-386	--	PP	ZG	0.00	1200.00	5.08	1200.00
4034	-304	-324	--	PP	ZG	0.00	500.00	3.88	500.00	4052	-212	-248	--	PP	ZG	0.00	500.00	1.80	500.00
4054	-215	-251	--	PP	ZG	0.00	1200.00	1.80	1200.00	4055	-68	-69	--	PP	ZG	0.00	1200.00	2.75	1200.00
4058	-390	-391	--	PP	ZG	0.00	1200.00	2.75	1200.00	4079	-317	-342	--	PP	ZG	0.00	500.00	2.98	500.00
4081	-320	-401	--	PP	ZG	0.00	1200.00	4.17	1200.00	4082	-70	-71	--	PP	ZG	0.00	1200.00	2.75	1200.00
4085	-392	-393	--	PP	ZG	0.00	1200.00	2.75	1200.00	4109	-72	-73	--	PP	ZG	0.00	1200.00	2.75	1200.00
4112	-394	-395	--	PP	ZG	0.00	1200.00	2.75	1200.00	4136	-74	-75	--	PP	ZG	0.00	1200.00	2.75	1200.00
4139	-396	-397	--	PP	ZG	0.00	1200.00	2.75	1200.00	4163	-76	-77	--	PP	ZG	0.00	1200.00	2.75	1200.00
4166	-398	-399	--	PP	ZG	0.00	1200.00	2.75	1200.00	4190	-78	-79	--	PP	ZG	0.00	1200.00	0.75	1200.00
4193	-400	-401	--	PP	ZG	0.00	1200.00	0.75	1200.00										

Elenco carichi aste

Condizione di carico n. 3: Sisma X SLV

Carichi distribuiti

Asta	N1	N2	S	T	DC	Xi	Qi	Xf	Qf	Asta	N1	N2	S	T	DC	Xi	Qi	Xf	Qf
						<m>	<kg/m>	<m>	<kg/m>							<m>	<kg/m>	<m>	<kg/m>
1	1	101	--	MXG		0.00	27.50	6.90	27.50	3	3	103	--	MXG		0.00	21.10	6.90	21.10
5	5	105	--	MXG		0.00	21.10	6.90	21.10	7	7	107	--	MXG		0.00	27.50	6.90	27.50
12	12	112	--	MXG		0.00	27.50	6.90	27.50	14	14	114	--	MXG		0.00	21.10	6.90	21.10
16	16	116	--	MXG		0.00	21.10	6.90	21.10	18	18	118	--	MXG		0.00	27.50	6.90	27.50

Elenco carichi aste

Condizione di carico n. 4: Sisma Y SLV

Carichi distribuiti

Asta	N1	N2	S	T	DC	Xi	Qi	Xf	Qf	Asta	N1	N2	S	T	DC	Xi	Qi	Xf	Qf
						<m>	<kg/m>	<m>	<kg/m>							<m>	<kg/m>	<m>	<kg/m>
1	1	101	--	MYG		0.00	27.50	6.90	27.50	3	3	103	--	MYG		0.00	21.10	6.90	21.10
5	5	105	--	MYG		0.00	21.10	6.90	21.10	7	7	107	--	MYG		0.00	27.50	6.90	27.50
12	12	112	--	MYG		0.00	27.50	6.90	27.50	14	14	114	--	MYG		0.00	21.10	6.90	21.10
16	16	116	--	MYG		0.00	21.10	6.90	21.10	18	18	118	--	MYG		0.00	27.50	6.90	27.50

Elenco carichi aste

Condizione di carico n. 5: Sisma X SLD

Carichi distribuiti

Asta	N1	N2	S	T	DC	Xi	Qi	Xf	Qf	Asta	N1	N2	S	T	DC	Xi	Qi	Xf	Qf
						<m>	<kg/m>	<m>	<kg/m>							<m>	<kg/m>	<m>	<kg/m>
1	1	101	--	MXG		0.00	41.60	6.90	41.60	3	3	103	--	MXG		0.00	31.60	6.90	31.60
5	5	105	--	MXG		0.00	31.60	6.90	31.60	7	7	107	--	MXG		0.00	41.60	6.90	41.60
12	12	112	--	MXG		0.00	41.60	6.90	41.60	14	14	114	--	MXG		0.00	31.60	6.90	31.60
16	16	116	--	MXG		0.00	31.60	6.90	31.60	18	18	118	--	MXG		0.00	41.60	6.90	41.60

Elenco carichi aste

Condizione di carico n. 6: Sisma Y SLD

Carichi distribuiti

Asta	N1	N2	S	T	DC	Xi	Qi	Xf	Qf	Asta	N1	N2	S	T	DC	Xi	Qi	Xf	Qf
						<m>	<kg/m>	<m>	<kg/m>							<m>	<kg/m>	<m>	<kg/m>
1	1	101	--		MYG	0.00	41.20	6.90	41.20	3	3	103	--		MYG	0.00	31.60	6.90	31.60
5	5	105	--		MYG	0.00	31.60	6.90	31.60	7	7	107	--		MYG	0.00	41.20	6.90	41.20
12	12	112	--		MYG	0.00	41.20	6.90	41.20	14	14	114	--		MYG	0.00	31.60	6.90	31.60
16	16	116	--		MYG	0.00	31.60	6.90	31.60	18	18	118	--		MYG	0.00	41.20	6.90	41.20

Elenco carichi aste**Condizione di carico n. 7: Sisma X SLO****Carichi distribuiti**

Asta	N1	N2	S	T	DC	Xi	Qi	Xf	Qf	Asta	N1	N2	S	T	DC	Xi	Qi	Xf	Qf
						<m>	<kg/m>	<m>	<kg/m>							<m>	<kg/m>	<m>	<kg/m>
1	1	101	--		MXG	0.00	33.60	6.90	33.60	3	3	103	--		MXG	0.00	25.70	6.90	25.70
5	5	105	--		MXG	0.00	25.70	6.90	25.70	7	7	107	--		MXG	0.00	33.60	6.90	33.60
12	12	112	--		MXG	0.00	33.60	6.90	33.60	14	14	114	--		MXG	0.00	25.70	6.90	25.70
16	16	116	--		MXG	0.00	25.70	6.90	25.70	18	18	118	--		MXG	0.00	33.60	6.90	33.60

Elenco carichi aste**Condizione di carico n. 8: Sisma Y SLO****Carichi distribuiti**

Asta	N1	N2	S	T	DC	Xi	Qi	Xf	Qf	Asta	N1	N2	S	T	DC	Xi	Qi	Xf	Qf
						<m>	<kg/m>	<m>	<kg/m>							<m>	<kg/m>	<m>	<kg/m>
1	1	101	--		MYG	0.00	33.60	6.90	33.60	3	3	103	--		MYG	0.00	25.70	6.90	25.70
5	5	105	--		MYG	0.00	25.70	6.90	25.70	7	7	107	--		MYG	0.00	33.60	6.90	33.60
12	12	112	--		MYG	0.00	33.60	6.90	33.60	14	14	114	--		MYG	0.00	25.70	6.90	25.70
16	16	116	--		MYG	0.00	25.70	6.90	25.70	18	18	118	--		MYG	0.00	33.60	6.90	33.60

Elenco carichi aste**Condizione di carico n. 9: Peso Murature****Carichi distribuiti**

Asta	N1	N2	S	T	DC	Xi	Qi	Xf	Qf	Asta	N1	N2	S	T	DC	Xi	Qi	Xf	Qf
						<m>	<kg/m>	<m>	<kg/m>							<m>	<kg/m>	<m>	<kg/m>
4001	-64	-65	--		MZG	0.00	3230.00	0.75	3230.00	4004	-386	-387	--		MZG	0.00	3230.00	0.75	3230.00
4005	-64	-157	--		MZG	0.00	3230.00	5.08	3230.00	4027	-79	-146	--		MZG	0.00	3230.00	4.17	3230.00
4028	-66	-67	--		MZG	0.00	3230.00	2.75	3230.00	4031	-388	-389	--		MZG	0.00	3230.00	2.75	3230.00
4032	-301	-386	--		MZG	0.00	3230.00	5.08	3230.00	4054	-215	-251	--		MZG	0.00	3230.00	1.80	3230.00
4055	-68	-69	--		MZG	0.00	3230.00	2.75	3230.00	4058	-390	-391	--		MZG	0.00	3230.00	2.75	3230.00
4081	-320	-401	--		MZG	0.00	3230.00	4.17	3230.00	4082	-70	-71	--		MZG	0.00	3230.00	2.75	3230.00
4085	-392	-393	--		MZG	0.00	3230.00	2.75	3230.00	4109	-72	-73	--		MZG	0.00	3230.00	2.75	3230.00
4112	-394	-395	--		MZG	0.00	3230.00	2.75	3230.00	4136	-74	-75	--		MZG	0.00	3230.00	2.75	3230.00
4139	-396	-397	--		MZG	0.00	3230.00	2.75	3230.00	4163	-76	-77	--		MZG	0.00	3230.00	2.75	3230.00
4166	-398	-399	--		MZG	0.00	3230.00	2.75	3230.00	4190	-78	-79	--		MZG	0.00	3230.00	0.75	3230.00
4193	-400	-401	--		MZG	0.00	3230.00	0.75	3230.00										

Elenco carichi elementi bidimensionali**Condizione di carico n. 1: Permanenti Strutturali****Carichi uniformi****Simbologia**

- Bid. = Numero del muro/elemento bidimensionale
 N1 = Nodo1
 N2 = Nodo2
 N3 = Nodo3
 N4 = Nodo4
 T = Tipo di carico
 PP = Peso proprio
 M = Manuale
 DC = Direzione del carico
 G = secondo gli assi Globali
 L = secondo gli assi Locali
 Qx = Carico in dir. X
 Qy = Carico in dir. Y
 Qz = Carico in dir. Z

Bid.	N1	N2	N3	N4	T	DC	Qx	Qy	Qz
							<kg/mq>	<kg/mq>	<kg/mq>
401	-323	-344	-345	-324	PP	G	0.00	0.00	1000.00
401	-345	-366	-367	-346	PP	G	0.00	0.00	1000.00
401	-424	-445	-446	-425	PP	G	0.00	0.00	1000.00
401	-403	-424	-425	-404	PP	G	0.00	0.00	1000.00
401	-365	-387	12	-366	PP	G	0.00	0.00	1000.00
401	-423	-444	-445	-424	PP	G	0.00	0.00	1000.00
401	12	-403	-404	-388	PP	G	0.00	0.00	1000.00
401	-366	12	-388	-367	PP	G	0.00	0.00	1000.00
401	-324	-345	-346	-325	PP	G	0.00	0.00	1000.00

401	-402	-423	-424	-403 PP	G	0.00	0.00	1000.00
401	-387	-402	-403	12 PP	G	0.00	0.00	1000.00
401	-344	-365	-366	-345 PP	G	0.00	0.00	1000.00
402	-237	-243	-244	-238 PP	G	0.00	0.00	1000.00
402	-218	-224	-225	-219 PP	G	0.00	0.00	1000.00
402	-242	-254	-255	-243 PP	G	0.00	0.00	1000.00
402	-191	-207	-208	9 PP	G	0.00	0.00	1000.00
402	-225	-231	-232	-226 PP	G	0.00	0.00	1000.00
402	-224	-230	-231	-225 PP	G	0.00	0.00	1000.00
402	10	-284	-285	-274 PP	G	0.00	0.00	1000.00
402	-272	-282	-283	-273 PP	G	0.00	0.00	1000.00
402	9	-208	-209	-192 PP	G	0.00	0.00	1000.00
402	-231	-237	-238	-232 PP	G	0.00	0.00	1000.00
402	-157	-169	-170	-158 PP	G	0.00	0.00	1000.00
402	-297	-303	-304	-298 PP	G	0.00	0.00	1000.00
402	-282	-293	-294	-283 PP	G	0.00	0.00	1000.00
402	-273	-283	-284	10 PP	G	0.00	0.00	1000.00
402	-219	-225	-226	-220 PP	G	0.00	0.00	1000.00
402	-295	-301	-302	-296 PP	G	0.00	0.00	1000.00
402	-236	-242	-243	-237 PP	G	0.00	0.00	1000.00
402	-206	-218	-219	-207 PP	G	0.00	0.00	1000.00
402	-230	-236	-237	-231 PP	G	0.00	0.00	1000.00
402	-181	-192	-193	-182 PP	G	0.00	0.00	1000.00
402	-180	9	-192	-181 PP	G	0.00	0.00	1000.00
402	-170	-181	-182	-171 PP	G	0.00	0.00	1000.00
402	-169	-180	-181	-170 PP	G	0.00	0.00	1000.00
402	-158	-170	-171	-159 PP	G	0.00	0.00	1000.00
402	-190	-206	-207	-191 PP	G	0.00	0.00	1000.00
402	-246	-258	-259	-247 PP	G	0.00	0.00	1000.00
402	-155	-167	-168	-156 PP	G	0.00	0.00	1000.00
402	-240	-246	-247	-241 PP	G	0.00	0.00	1000.00
402	-156	-168	-169	-157 PP	G	0.00	0.00	1000.00
402	-296	-302	-303	-297 PP	G	0.00	0.00	1000.00
402	-275	-286	-287	-260 PP	G	0.00	0.00	1000.00
402	-207	-219	-220	-208 PP	G	0.00	0.00	1000.00
402	-284	-295	-296	-285 PP	G	0.00	0.00	1000.00
402	-274	-285	-286	-275 PP	G	0.00	0.00	1000.00
402	-258	-275	-260	-259 PP	G	0.00	0.00	1000.00
402	-257	-274	-275	-258 PP	G	0.00	0.00	1000.00
402	-243	-255	-256	-244 PP	G	0.00	0.00	1000.00
402	-245	-257	-258	-246 PP	G	0.00	0.00	1000.00
402	-244	-256	-257	-245 PP	G	0.00	0.00	1000.00
402	-239	-245	-246	-240 PP	G	0.00	0.00	1000.00
402	-294	-300	-301	-295 PP	G	0.00	0.00	1000.00
402	-234	-240	-241	-235 PP	G	0.00	0.00	1000.00
402	-228	-234	-235	-229 PP	G	0.00	0.00	1000.00
402	-222	-228	-229	-223 PP	G	0.00	0.00	1000.00
402	-210	-222	-223	-211 PP	G	0.00	0.00	1000.00
402	-221	-227	-228	-222 PP	G	0.00	0.00	1000.00
402	-285	-296	-297	-286 PP	G	0.00	0.00	1000.00
402	-286	-297	-298	-287 PP	G	0.00	0.00	1000.00
402	-208	-220	-221	-209 PP	G	0.00	0.00	1000.00
402	-192	-209	-210	-193 PP	G	0.00	0.00	1000.00
402	-255	-273	10	-256 PP	G	0.00	0.00	1000.00
402	-256	10	-274	-257 PP	G	0.00	0.00	1000.00
402	-226	-232	-233	-227 PP	G	0.00	0.00	1000.00
402	-159	-171	-172	-160 PP	G	0.00	0.00	1000.00
402	-220	-226	-227	-221 PP	G	0.00	0.00	1000.00
402	-238	-244	-245	-239 PP	G	0.00	0.00	1000.00
402	-233	-239	-240	-234 PP	G	0.00	0.00	1000.00
402	-232	-238	-239	-233 PP	G	0.00	0.00	1000.00
402	-227	-233	-234	-228 PP	G	0.00	0.00	1000.00
402	-254	-272	-273	-255 PP	G	0.00	0.00	1000.00
402	-167	-178	-179	-168 PP	G	0.00	0.00	1000.00
402	-193	-210	-211	-194 PP	G	0.00	0.00	1000.00
402	-209	-221	-222	-210 PP	G	0.00	0.00	1000.00
402	-179	-191	9	-180 PP	G	0.00	0.00	1000.00
402	-283	-294	-295	-284 PP	G	0.00	0.00	1000.00
402	-182	-193	-194	-183 PP	G	0.00	0.00	1000.00
402	-171	-182	-183	-172 PP	G	0.00	0.00	1000.00
402	-168	-179	-180	-169 PP	G	0.00	0.00	1000.00
402	-293	-299	-300	-294 PP	G	0.00	0.00	1000.00
402	-178	-190	-191	-179 PP	G	0.00	0.00	1000.00
403	-348	-369	-370	-349 PP	G	0.00	0.00	1000.00
403	-426	-447	-448	-427 PP	G	0.00	0.00	1000.00
403	-427	-448	-449	-428 PP	G	0.00	0.00	1000.00
403	13	-406	-407	-390 PP	G	0.00	0.00	1000.00
403	-326	-347	-348	-327 PP	G	0.00	0.00	1000.00
403	-327	-348	-349	-328 PP	G	0.00	0.00	1000.00
403	-369	13	-390	-370 PP	G	0.00	0.00	1000.00
403	-347	-368	-369	-348 PP	G	0.00	0.00	1000.00

403	-368	-389	13	-369	PP	G	0.00	0.00	1000.00
403	-389	-405	-406	13	PP	G	0.00	0.00	1000.00
403	-405	-426	-427	-406	PP	G	0.00	0.00	1000.00
403	-406	-427	-428	-407	PP	G	0.00	0.00	1000.00
404	-371	-391	14	-372	PP	G	0.00	0.00	1000.00
404	14	-409	-410	-392	PP	G	0.00	0.00	1000.00
404	-350	-371	-372	-351	PP	G	0.00	0.00	1000.00
404	-351	-372	-373	-352	PP	G	0.00	0.00	1000.00
404	-430	-451	-452	-431	PP	G	0.00	0.00	1000.00
404	-429	-450	-451	-430	PP	G	0.00	0.00	1000.00
404	-391	-408	-409	14	PP	G	0.00	0.00	1000.00
404	-329	-350	-351	-330	PP	G	0.00	0.00	1000.00
404	-408	-429	-430	-409	PP	G	0.00	0.00	1000.00
404	-372	14	-392	-373	PP	G	0.00	0.00	1000.00
404	-409	-430	-431	-410	PP	G	0.00	0.00	1000.00
404	-330	-351	-352	-331	PP	G	0.00	0.00	1000.00
405	-432	-453	-454	-433	PP	G	0.00	0.00	1000.00
405	-333	-354	-355	-334	PP	G	0.00	0.00	1000.00
405	-332	-353	-354	-333	PP	G	0.00	0.00	1000.00
405	15	-412	-413	-394	PP	G	0.00	0.00	1000.00
405	-412	-433	-434	-413	PP	G	0.00	0.00	1000.00
405	-393	-411	-412	15	PP	G	0.00	0.00	1000.00
405	-433	-454	-455	-434	PP	G	0.00	0.00	1000.00
405	-411	-432	-433	-412	PP	G	0.00	0.00	1000.00
405	-375	15	-394	-376	PP	G	0.00	0.00	1000.00
405	-354	-375	-376	-355	PP	G	0.00	0.00	1000.00
405	-353	-374	-375	-354	PP	G	0.00	0.00	1000.00
405	-374	-393	15	-375	PP	G	0.00	0.00	1000.00
406	-435	-456	-457	-436	PP	G	0.00	0.00	1000.00
406	-415	-436	-437	-416	PP	G	0.00	0.00	1000.00
406	-395	-414	-415	16	PP	G	0.00	0.00	1000.00
406	-414	-435	-436	-415	PP	G	0.00	0.00	1000.00
406	-357	-378	-379	-358	PP	G	0.00	0.00	1000.00
406	-378	16	-396	-379	PP	G	0.00	0.00	1000.00
406	-356	-377	-378	-357	PP	G	0.00	0.00	1000.00
406	-436	-457	-458	-437	PP	G	0.00	0.00	1000.00
406	16	-415	-416	-396	PP	G	0.00	0.00	1000.00
406	-336	-357	-358	-337	PP	G	0.00	0.00	1000.00
406	-335	-356	-357	-336	PP	G	0.00	0.00	1000.00
406	-377	-395	16	-378	PP	G	0.00	0.00	1000.00
407	-439	-460	-461	-440	PP	G	0.00	0.00	1000.00
407	-381	17	-398	-382	PP	G	0.00	0.00	1000.00
407	-417	-438	-439	-418	PP	G	0.00	0.00	1000.00
407	-397	-417	-418	17	PP	G	0.00	0.00	1000.00
407	-339	-360	-361	-340	PP	G	0.00	0.00	1000.00
407	-359	-380	-381	-360	PP	G	0.00	0.00	1000.00
407	-338	-359	-360	-339	PP	G	0.00	0.00	1000.00
407	-380	-397	17	-381	PP	G	0.00	0.00	1000.00
407	-360	-381	-382	-361	PP	G	0.00	0.00	1000.00
407	-438	-459	-460	-439	PP	G	0.00	0.00	1000.00
407	17	-418	-419	-398	PP	G	0.00	0.00	1000.00
407	-418	-439	-440	-419	PP	G	0.00	0.00	1000.00
408	-363	-384	-385	-364	PP	G	0.00	0.00	1000.00
408	-383	-399	18	-384	PP	G	0.00	0.00	1000.00
408	-342	-363	-364	-343	PP	G	0.00	0.00	1000.00
408	-442	-463	-464	-443	PP	G	0.00	0.00	1000.00
408	-384	18	-400	-385	PP	G	0.00	0.00	1000.00
408	-341	-362	-363	-342	PP	G	0.00	0.00	1000.00
408	-421	-442	-443	-422	PP	G	0.00	0.00	1000.00
408	-420	-441	-442	-421	PP	G	0.00	0.00	1000.00
408	-399	-420	-421	18	PP	G	0.00	0.00	1000.00
408	-362	-383	-384	-363	PP	G	0.00	0.00	1000.00
408	18	-421	-422	-400	PP	G	0.00	0.00	1000.00
408	-441	-462	-463	-442	PP	G	0.00	0.00	1000.00
409	-107	-128	-129	-108	PP	G	0.00	0.00	1000.00
409	-8	-29	-30	-9	PP	G	0.00	0.00	1000.00
409	3	-87	-88	-70	PP	G	0.00	0.00	1000.00
409	-50	3	-70	-51	PP	G	0.00	0.00	1000.00
409	-86	-107	-108	-87	PP	G	0.00	0.00	1000.00
409	-108	-129	-130	-109	PP	G	0.00	0.00	1000.00
409	-69	-86	-87	3	PP	G	0.00	0.00	1000.00
409	-29	-50	-51	-30	PP	G	0.00	0.00	1000.00
409	-87	-108	-109	-88	PP	G	0.00	0.00	1000.00
409	-49	-69	3	-50	PP	G	0.00	0.00	1000.00
409	-7	-28	-29	-8	PP	G	0.00	0.00	1000.00
409	-28	-49	-50	-29	PP	G	0.00	0.00	1000.00
410	-31	-52	-53	-32	PP	G	0.00	0.00	1000.00
410	-71	-89	-90	4	PP	G	0.00	0.00	1000.00
410	-89	-110	-111	-90	PP	G	0.00	0.00	1000.00
410	4	-90	-91	-72	PP	G	0.00	0.00	1000.00
410	-52	-71	4	-53	PP	G	0.00	0.00	1000.00

410	-110	-131	-132	-111	PP	G	0.00	0.00	1000.00
410	-53	4	-72	-54	PP	G	0.00	0.00	1000.00
410	-32	-53	-54	-33	PP	G	0.00	0.00	1000.00
410	-111	-132	-133	-112	PP	G	0.00	0.00	1000.00
410	-10	-31	-32	-11	PP	G	0.00	0.00	1000.00
410	-90	-111	-112	-91	PP	G	0.00	0.00	1000.00
410	-11	-32	-33	-12	PP	G	0.00	0.00	1000.00
411	-92	-113	-114	-93	PP	G	0.00	0.00	1000.00
411	-113	-134	-135	-114	PP	G	0.00	0.00	1000.00
411	-13	-34	-35	-14	PP	G	0.00	0.00	1000.00
411	-34	-55	-56	-35	PP	G	0.00	0.00	1000.00
411	-73	-92	-93	5	PP	G	0.00	0.00	1000.00
411	5	-93	-94	-74	PP	G	0.00	0.00	1000.00
411	-93	-114	-115	-94	PP	G	0.00	0.00	1000.00
411	-14	-35	-36	-15	PP	G	0.00	0.00	1000.00
411	-55	-73	5	-56	PP	G	0.00	0.00	1000.00
411	-35	-56	-57	-36	PP	G	0.00	0.00	1000.00
411	-114	-135	-136	-115	PP	G	0.00	0.00	1000.00
411	-56	5	-74	-57	PP	G	0.00	0.00	1000.00
412	-58	-75	6	-59	PP	G	0.00	0.00	1000.00
412	-16	-37	-38	-17	PP	G	0.00	0.00	1000.00
412	-75	-95	-96	6	PP	G	0.00	0.00	1000.00
412	6	-96	-97	-76	PP	G	0.00	0.00	1000.00
412	-37	-58	-59	-38	PP	G	0.00	0.00	1000.00
412	-116	-137	-138	-117	PP	G	0.00	0.00	1000.00
412	-95	-116	-117	-96	PP	G	0.00	0.00	1000.00
412	-96	-117	-118	-97	PP	G	0.00	0.00	1000.00
412	-117	-138	-139	-118	PP	G	0.00	0.00	1000.00
412	-17	-38	-39	-18	PP	G	0.00	0.00	1000.00
412	-38	-59	-60	-39	PP	G	0.00	0.00	1000.00
412	-59	6	-76	-60	PP	G	0.00	0.00	1000.00
413	-19	-40	-41	-20	PP	G	0.00	0.00	1000.00
413	-41	-62	-63	-42	PP	G	0.00	0.00	1000.00
413	-77	-98	-99	7	PP	G	0.00	0.00	1000.00
413	-98	-119	-120	-99	PP	G	0.00	0.00	1000.00
413	-119	-140	-141	-120	PP	G	0.00	0.00	1000.00
413	7	-99	-100	-78	PP	G	0.00	0.00	1000.00
413	-99	-120	-121	-100	PP	G	0.00	0.00	1000.00
413	-40	-61	-62	-41	PP	G	0.00	0.00	1000.00
413	-120	-141	-142	-121	PP	G	0.00	0.00	1000.00
413	-61	-77	7	-62	PP	G	0.00	0.00	1000.00
413	-62	7	-78	-63	PP	G	0.00	0.00	1000.00
413	-20	-41	-42	-21	PP	G	0.00	0.00	1000.00
414	-314	-320	-321	-315	PP	G	0.00	0.00	1000.00
414	-250	-268	-269	-251	PP	G	0.00	0.00	1000.00
414	-291	-306	-307	-288	PP	G	0.00	0.00	1000.00
414	-313	-319	-320	-314	PP	G	0.00	0.00	1000.00
414	-248	-266	-267	-249	PP	G	0.00	0.00	1000.00
414	11	-308	-309	-289	PP	G	0.00	0.00	1000.00
414	-252	-270	-271	-253	PP	G	0.00	0.00	1000.00
414	-288	-307	-308	11	PP	G	0.00	0.00	1000.00
414	-251	-269	-270	-252	PP	G	0.00	0.00	1000.00
414	-267	-277	-278	-268	PP	G	0.00	0.00	1000.00
414	-306	-312	-313	-307	PP	G	0.00	0.00	1000.00
414	-279	11	-289	-280	PP	G	0.00	0.00	1000.00
414	-268	-278	-279	-269	PP	G	0.00	0.00	1000.00
414	-312	-318	-319	-313	PP	G	0.00	0.00	1000.00
414	-278	-288	11	-279	PP	G	0.00	0.00	1000.00
414	-315	-321	-322	-316	PP	G	0.00	0.00	1000.00
414	-276	-290	-291	-277	PP	G	0.00	0.00	1000.00
414	-266	-276	-277	-267	PP	G	0.00	0.00	1000.00
414	-308	-314	-315	-309	PP	G	0.00	0.00	1000.00
414	-270	-280	-281	-271	PP	G	0.00	0.00	1000.00
414	-305	-311	-312	-306	PP	G	0.00	0.00	1000.00
414	-280	-289	-292	-281	PP	G	0.00	0.00	1000.00
414	-277	-291	-288	-278	PP	G	0.00	0.00	1000.00
414	-307	-313	-314	-308	PP	G	0.00	0.00	1000.00
414	-269	-279	-280	-270	PP	G	0.00	0.00	1000.00
414	-309	-315	-316	-310	PP	G	0.00	0.00	1000.00
414	-290	-305	-306	-291	PP	G	0.00	0.00	1000.00
414	-289	-309	-310	-292	PP	G	0.00	0.00	1000.00
414	-311	-317	-318	-312	PP	G	0.00	0.00	1000.00
414	-249	-267	-268	-250	PP	G	0.00	0.00	1000.00
415	-83	-104	-105	-84	PP	G	0.00	0.00	1000.00
415	-5	-26	-27	-6	PP	G	0.00	0.00	1000.00
415	-25	-46	-47	-26	PP	G	0.00	0.00	1000.00
415	-67	-83	-84	2	PP	G	0.00	0.00	1000.00
415	-84	-105	-106	-85	PP	G	0.00	0.00	1000.00
415	-104	-125	-126	-105	PP	G	0.00	0.00	1000.00
415	-46	-67	2	-47	PP	G	0.00	0.00	1000.00
415	-4	-25	-26	-5	PP	G	0.00	0.00	1000.00

415	2	-84	-85	-68	PP	G	0.00	0.00	1000.00
415	-47	2	-68	-48	PP	G	0.00	0.00	1000.00
415	-105	-126	-127	-106	PP	G	0.00	0.00	1000.00
415	-26	-47	-48	-27	PP	G	0.00	0.00	1000.00
416	-2	-23	-24	-3	PP	G	0.00	0.00	1000.00
416	-44	1	-66	-45	PP	G	0.00	0.00	1000.00
416	-65	-80	-81	1	PP	G	0.00	0.00	1000.00
416	-81	-102	-103	-82	PP	G	0.00	0.00	1000.00
416	-101	-122	-123	-102	PP	G	0.00	0.00	1000.00
416	-23	-44	-45	-24	PP	G	0.00	0.00	1000.00
416	1	-81	-82	-66	PP	G	0.00	0.00	1000.00
416	-102	-123	-124	-103	PP	G	0.00	0.00	1000.00
416	-22	-43	-44	-23	PP	G	0.00	0.00	1000.00
416	-43	-65	1	-44	PP	G	0.00	0.00	1000.00
416	-80	-101	-102	-81	PP	G	0.00	0.00	1000.00
416	-1	-22	-23	-2	PP	G	0.00	0.00	1000.00
417	-187	-203	-204	-188	PP	G	0.00	0.00	1000.00
417	-177	-188	-189	-175	PP	G	0.00	0.00	1000.00
417	-176	-186	-187	8	PP	G	0.00	0.00	1000.00
417	-188	-204	-205	-189	PP	G	0.00	0.00	1000.00
417	-152	-164	-165	-153	PP	G	0.00	0.00	1000.00
417	-147	-153	-154	-148	PP	G	0.00	0.00	1000.00
417	-163	-176	8	-164	PP	G	0.00	0.00	1000.00
417	-203	-215	-216	-204	PP	G	0.00	0.00	1000.00
417	-201	-213	-214	-202	PP	G	0.00	0.00	1000.00
417	-186	-202	-203	-187	PP	G	0.00	0.00	1000.00
417	-185	-201	-202	-186	PP	G	0.00	0.00	1000.00
417	-162	-174	-176	-163	PP	G	0.00	0.00	1000.00
417	-146	-152	-153	-147	PP	G	0.00	0.00	1000.00
417	-204	-216	-217	-205	PP	G	0.00	0.00	1000.00
417	-202	-214	-215	-203	PP	G	0.00	0.00	1000.00
417	-165	-177	-175	-166	PP	G	0.00	0.00	1000.00
417	-164	8	-177	-165	PP	G	0.00	0.00	1000.00
417	-153	-165	-166	-154	PP	G	0.00	0.00	1000.00
417	-200	-212	-213	-201	PP	G	0.00	0.00	1000.00
417	-174	-185	-186	-176	PP	G	0.00	0.00	1000.00
417	-184	-200	-201	-185	PP	G	0.00	0.00	1000.00
417	-173	-184	-185	-174	PP	G	0.00	0.00	1000.00
417	-151	-163	-164	-152	PP	G	0.00	0.00	1000.00
417	-150	-162	-163	-151	PP	G	0.00	0.00	1000.00
417	-145	-151	-152	-146	PP	G	0.00	0.00	1000.00
417	8	-187	-188	-177	PP	G	0.00	0.00	1000.00
417	-149	-161	-162	-150	PP	G	0.00	0.00	1000.00
417	-161	-173	-174	-162	PP	G	0.00	0.00	1000.00
417	-144	-150	-151	-145	PP	G	0.00	0.00	1000.00
417	-143	-149	-150	-144	PP	G	0.00	0.00	1000.00

Elenco carichi elementi bidimensionali

Condizione di carico n. 2: Carico Neve

Carichi uniformi

Bid.	N1	N2	N3	N4	T	DC	Qx <kg/mq>	Qy <kg/mq>	Qz <kg/mq>	Bid.	N1	N2	N3	N4	T	DC	Qx <kg/mq>	Qy <kg/mq>	Qz <kg/mq>
101	-2233	-2302	-2303	-2234	M	G	0.00	0.00	100.00	101	-3446	-3527	-3528	-3447	M	G	0.00	0.00	100.00

Risultati del calcolo

Parametri di calcolo

La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:
ModeSt ver. 7.23, prodotto da Tecnisoft s.a.s. - Prato

La struttura è stata calcolata utilizzando come solutore agli elementi finiti:
Xfinest ver. 8.2, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 08

Tipo di calcolo: analisi sismica dinamica

Schematizzazione piani rigidi: metodo Master-Slave

Modalità di recupero masse secondarie: trasferire all'impalcato più vicino con modifica XY baricentro

Generazione combinazioni

- Lineari: si
- Valuta spostamenti e non sollecitazioni: no
- Buckling: no

Opzioni di calcolo

- Sono state considerate infinitamente rigide le zone di connessione fra travi, pilastri ed elementi bidimensionali con una riduzione del 20%

- Calcolo con offset rigidi dai nodi: no
- Uniformare i carichi variabili: no
- Massimizzare i carichi variabili: no
- Minimo carico da considerare: 0.00 <kg/m>
- Recupero carichi zone rigide: taglio e momento flettente
- Modalità di combinazione momento torcente: disaccoppiare le azioni
- Analisi non lineari struttura in muratura
- Valuta automaticamente parametri: si
- Termina analisi per resistenza residua pari al 80%

Opzioni del solutore

- Tipo di elemento bidimensionale: ISOSHELL
- Trascura deformabilità a taglio delle aste: No
- Analisi dinamica con metodo di Lanczos: Si
- Check sequenza di Sturm: Si
- Soluzione matrice con metodo ver. 5.1: No
- Analisi non lineare con Newton modificato: No
- Usa formulazione secante per Buckling: No
- Trascura Buckling torsionale: No

Dati struttura

- Zona sismica: zona 2
- Sito di costruzione: via Taro LON. 11.08650 LAT. 43.89426
- Contenuto tra ID reticolo: 19390 19391 19612 19613

Simbologia

- TCC = Tipo di combinazione di carico
 SLU = Stato limite ultimo
 SLU S = Stato limite ultimo (azione sismica)
 SLE R = Stato limite d'esercizio, combinazione rara
 SLE F = Stato limite d'esercizio, combinazione frequente
 SLE Q = Stato limite d'esercizio, combinazione quasi permanente
 SLD = Stato limite di danno
 SLV = Stato limite di salvaguardia della vita
 SLC = Stato limite di prevenzione del collasso
 SLO = Stato limite di operatività
- Ag = Accelerazione orizzontale massima al sito
 FO = Valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale
 TC* = Periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale

TCC	Ag	FO	TC*
SLO	0.0588	2.54	0.27
SLD	0.0718	2.53	0.27
SLV	0.1661	2.40	0.31

- Tipo di opera: Opera ordinaria
- Vita nominale V_N : 50.00
- Classe d'uso: classe III
- SL Esercizio: SLO-Pvr 81.00, SLD-Pvr 63.00
- SL Ultimi: SLV-Pvr 10.00, SLC-Pvr no
- Classe di duttilità: classe B
- Quota di riferimento: 0.00 <m>
- Altezza della struttura: 6.90 <m>
- Numero piani edificio: 1
- Coefficiente θ : 0
- Edificio regolare in altezza: si
- Edificio regolare in pianta: si
- Forze orizzontali convenzionali per stati limite non sismici: 1.00%

Dati di calcolo

- Categoria del suolo di fondazione: B
- Tipologia edificio: c.a. o prefabbricato a telaio di un piano

Coeff. C_1	0.075
Periodo T_1	0.3193
Coeff. λ SLO	1.00
Coeff. λ SLD	1.00
Coeff. λ SLV	1.00
Rapporto di sovrarresistenza (α_0/α_1)	1.10
Valore di riferimento del fattore di struttura (q_0)	3.30
Fattore riduttivo (K_w)	1.00
Fattore di struttura (q)	3.30

- Categoria topografica: T1 - Superficie pianeggiante, pendii e rilievi isolati con inclinazione media $i \leq 15^\circ$
- Coeff. amplificazione topografica: 1.00
- Fattore di struttura per sisma verticale (q_v): 1.50

- Modi da calcolare: 3
- Modi da considerare: tali da movimentare una percentuale di massa pari a 85.00%
- Smorzamento spettro: 5.00

- Angolo di ingresso del sisma: 0.00 <grad>

Dati di piano

Simbologia

- Imp. = Numero dell'impalcato
- Lx = Dimensione del piano in dir. X
- Ly = Dimensione del piano in dir. Y
- Ex = Eccentricità in dir. X
- Ey = Eccentricità in dir. Y
- Ea = Eccentricità complessiva

Imp.	Lx <m>	Ly <m>	Ex <m>	Ey <m>	Ea <m>
1	25.00	15.55	1.25	0.78	1.47

Condizioni di carico elementari

Simbologia

- CCE = Numero della condizione di carico elementare
- Comm. = Commento
- Mx = Moltiplicatore della massa in dir. X
- My = Moltiplicatore della massa in dir. Y
- Mz = Moltiplicatore della massa in dir. Z
- Jpx = Moltiplicatore del momento d'inerzia intorno all'asse X
- Jpy = Moltiplicatore del momento d'inerzia intorno all'asse Y
- Jpz = Moltiplicatore del momento d'inerzia intorno all'asse Z
- Tipo CCE = Tipo di CCE per calcolo agli stati limite
- Sicurezza = Contributo alla sicurezza
 - F = a favore
 - S = a sfavore
 - A = ambigua
- Variabilità = Tipo di variabilità
 - B = di base
 - I = indipendente
 - A = ambigua

Condizioni di carico elementari

CCE	Comm.	Mx	My	Mz	Jpx	Jpy	Jpz	Tipo CCE	Sicurezza	Variabilità
1	Permanenti Strutturali	1.00	1.00	0.00	0.00	0.00	1.00	1 S		--
2	Carico Neve	1.00	1.00	0.00	0.00	0.00	1.00	11 S		B
3	Sisma X SLV	1.00	1.00	0.00	0.00	0.00	1.00	19 S		--
4	Sisma Y SLV	1.00	1.00	0.00	0.00	0.00	1.00	20 S		--
5	Sisma X SLD	1.00	1.00	0.00	0.00	0.00	1.00	21 S		--
6	Sisma Y SLD	1.00	1.00	0.00	0.00	0.00	1.00	22 S		--
7	Sisma X SLO	1.00	1.00	0.00	0.00	0.00	1.00	23 S		--
8	Sisma Y SLO	1.00	1.00	0.00	0.00	0.00	1.00	24 S		--
9	Peso Murature	1.00	1.00	0.00	0.00	0.00	1.00	2 S		--

Elenco tipi cce definiti

Simbologia

- Tipo CCE = Tipo condizione di carico elementare
- Comm. = Commento
- Tipo = Tipologia
 - G = Permanente
 - Q = Variabile
 - I = Da ignorare
 - A = Azione eccezionale
 - P = Precompressione
- Durata = Durata del carico
 - N = Non definita
 - P = Permanente
 - L = Lunga
 - M = Media
 - B = Breve
 - I = Istantanea
- γ_{min} = Coeff. γ_{min} .

γ_{max}	= Coeff. γ_{max}
ψ_0	= Coeff. ψ_0
ψ_1	= Coeff. ψ_1
ψ_2	= Coeff. ψ_2
$\psi_{0,s}$	= Coeff. ψ_0 sismico (D.M. 96)

Tipo CCE	Comm.	Tipo	Durata	$\gamma_{min.}$	γ_{max}	ψ_0	ψ_1	ψ_2	$\psi_{0,s}$
1	D.M. 08 Permanenti strutturali	G	P	1.00	1.30				
2	D.M. 08 Permanenti non strutturali	G	N	0.00	1.50				
3	D.M. 08 Variabili Categoria A Ambienti ad uso residenziale	Q	N	0.00	1.50	0.70	0.50	0.30	0.00
4	D.M. 08 Variabili Categoria B Uffici	Q	N	0.00	1.50	0.70	0.50	0.30	0.00
5	D.M. 08 Variabili Categoria C Ambienti suscettibili di affollamento	Q	N	0.00	1.50	0.70	0.70	0.60	0.00
6	D.M. 08 Variabili Categoria D Ambienti ad uso commerciale	Q	N	0.00	1.50	0.70	0.70	0.60	0.00
7	D.M. 08 Variabili Categoria E Biblioteche, archivi, magazzini e ambienti ad uso industriale	Q	N	0.00	1.50	1.00	0.90	0.80	0.00
8	D.M. 08 Variabili Categoria F Rimesse e parcheggi (per autoveicoli di peso <= 30 kN)	Q	N	0.00	1.50	0.70	0.70	0.60	0.00
9	D.M. 08 Variabili Categoria G Rimesse e parcheggi (per autoveicoli di peso > 30 kN)	Q	N	0.00	1.50	0.70	0.50	0.30	0.00
10	D.M. 08 Variabili Vento	Q	N	0.00	1.50	0.60	0.20	0.00	0.00
11	D.M. 08 Variabili Neve (a quota <= 1000 m s.l.m.)	Q	N	0.00	1.50	0.50	0.20	0.00	0.00
12	D.M. 08 Variabili Neve (a quota > 1000 m s.l.m.)	Q	N	0.00	1.50	0.70	0.50	0.20	0.00
13	D.M. 08 Variabili Variazioni termiche	Q	N	0.00	1.50	0.60	0.50	0.00	0.00
14	D.M. 96 Permanenti	G	N	1.00	1.40				
15	D.M. 96 Variabili Abitazioni	Q	P	0.00	1.50	0.70	0.50	0.20	0.70
16	D.M. 96 Variabili Uffici, negozi, scuole, ecc.	Q	N	0.00	1.50	0.70	0.60	0.30	0.70
17	D.M. 96 Variabili Autorimesse	Q	N	0.00	1.50	0.70	0.70	0.60	0.70
18	D.M. 96 Variabili Vento	Q	N	0.00	1.50	0.70	0.20	0.00	0.00
19	EX - SLV	G	P	1.00	1.00				
20	EY - SLV	G	P	1.00	1.00				
21	EX - SLD	G	P	1.00	1.00				
22	EY - SLD	G	P	1.00	1.00				
23	EX - SLO	G	P	1.00	1.00				
24	EY - SLO	G	P	1.00	1.00				

Ambienti di carico

Simbologia

N Numero

Comm. Commento

1 Permanenti Strutturali

2 Carico Neve

3 Sisma X SLV

4 Sisma Y SLV

5 Sisma X SLD

6 Sisma Y SLD

7 Sisma X SLO

8 Sisma Y SLO

9 Peso Murature

F azioni orizzontali convenzionali

SLU Stato limite ultimo

SLR Stato limite per combinazioni rare

SLF Stato limite per combinazioni frequenti

SLQ Stato limite per combinazioni quasi permanenti o di danno

N	Comm.	1	2	3	4	5	6	7	8	9	F	S	SLU	SLR	SLF	SLQ
1	Calcolo sismico	si	si	si	si	si	si	si	si	si	no	si	no	no	no	no
2	Calcolo statico	si	si	si	si	si	si	si	si	si	si	no	si	si	si	si

Elenco combinazioni di carico simboliche

Simbologia

CC = Numero della combinazione delle condizioni di carico elementari

Comm. = Commento

TCC = Tipo di combinazione di carico

SLU = Stato limite ultimo

SLU S = Stato limite ultimo (azione sismica)

SLE R = Stato limite d'esercizio, combinazione rara

SLE F = Stato limite d'esercizio, combinazione frequente

SLE Q = Stato limite d'esercizio, combinazione quasi permanente

SLD = Stato limite di danno

SLV = Stato limite di salvaguardia della vita

SLC = Stato limite di prevenzione del collasso

SLO = Stato limite di operatività

CC	Comm.	TCC	1	2	3	4	5	6	7	8	9	F	S
1	Amb. 1 (SLU S)	SLU S	1	ψ_2	1	1	1	1	1	1	1	----	1
2	Amb. 2 (SLU)	SLU	γ_{max}	γ_{max}	γ_{max}	γ_{max}	γ_{max}	γ_{max}	γ_{max}	γ_{max}	γ_{max}	1	----
3	Amb. 2 (SLE R)	SLE R	1	1	1	1	1	1	1	1	1	1	----
4	Amb. 2 (SLE F)	SLE F	1	ψ_1	1	1	1	1	1	1	1	1	----
5	Amb. 2 (SLE Q)	SLE Q	1	ψ_2	1	1	1	1	1	1	1	1	----

Combinazioni delle cce

Simbologia

- CC = Numero della combinazione delle condizioni di carico elementari
 Comm. = Commento
 TCC = Tipo di combinazione di carico
 SLU = Stato limite ultimo
 SLU S = Stato limite ultimo (azione sismica)
 SLE R = Stato limite d'esercizio, combinazione rara
 SLE F = Stato limite d'esercizio, combinazione frequente
 SLE Q = Stato limite d'esercizio, combinazione quasi permanente
 SLD = Stato limite di danno
 SLV = Stato limite di salvaguardia della vita
 SLC = Stato limite di prevenzione del collasso
 SLO = Stato limite di operatività
 An. = Tipo di analisi
 L = Lineare
 NL = Non lineare
 Bk = Buckling
 S = Si
 N = No

CC	Comm.	TCC	An.	Bk	1	2	3	4	5	6	7	8	9	FX	FY	Mt	±SX	±SY
1	CC 1 - Amb. 1 (SLU S) S Mt+X+0.3Y	SLV	L	N	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.30
2	CC 2 - Amb. 1 (SLU S) S Mt+X+0.3Y	SLD	L	N	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.30
3	CC 3 - Amb. 1 (SLU S) S Mt+X+0.3Y	SLO	L	N	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00	0.30
4	CC 4 - Amb. 1 (SLU S) S Mt+X-0.3Y	SLV	L	N	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	-0.30
5	CC 5 - Amb. 1 (SLU S) S Mt+X-0.3Y	SLD	L	N	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	-0.30
6	CC 6 - Amb. 1 (SLU S) S Mt+X-0.3Y	SLO	L	N	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00	-0.30
7	CC 7 - Amb. 1 (SLU S) S Mt+0.3X+Y	SLV	L	N	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.30	1.00
8	CC 8 - Amb. 1 (SLU S) S Mt+0.3X+Y	SLD	L	N	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.30	1.00
9	CC 9 - Amb. 1 (SLU S) S Mt+0.3X+Y	SLO	L	N	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	0.30	1.00
10	CC 10 - Amb. 1 (SLU S) S Mt-0.3X+Y	SLV	L	N	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	-0.30	1.00
11	CC 11 - Amb. 1 (SLU S) S Mt-0.3X+Y	SLD	L	N	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00	-0.30	1.00
12	CC 12 - Amb. 1 (SLU S) S Mt-0.3X+Y	SLO	L	N	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	-0.30	1.00
13	CC 13 - Amb. 1 (SLU S) S -Mt+X+0.3Y	SLV	L	N	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	-1.00	1.00	0.30
14	CC 14 - Amb. 1 (SLU S) S -Mt+X+0.3Y	SLD	L	N	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00	-1.00	1.00	0.30
15	CC 15 - Amb. 1 (SLU S) S -Mt+X+0.3Y	SLO	L	N	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	-1.00	1.00	0.30
16	CC 16 - Amb. 1 (SLU S) S -Mt+X-0.3Y	SLV	L	N	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	-1.00	1.00	-0.30
17	CC 17 - Amb. 1 (SLU S) S -Mt+X-0.3Y	SLD	L	N	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00	-1.00	1.00	-0.30
18	CC 18 - Amb. 1 (SLU S) S -Mt+X-0.3Y	SLO	L	N	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	-1.00	1.00	-0.30
19	CC 19 - Amb. 1 (SLU S) S -Mt+0.3X+Y	SLV	L	N	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	-1.00	0.30	1.00
20	CC 20 - Amb. 1 (SLU S) S -Mt+0.3X+Y	SLD	L	N	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00	-1.00	0.30	1.00
21	CC 21 - Amb. 1 (SLU S) S -Mt+0.3X+Y	SLO	L	N	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	-1.00	0.30	1.00
22	CC 22 - Amb. 1 (SLU S) S -Mt-0.3X+Y	SLV	L	N	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	-1.00	-0.30	1.00
23	CC 23 - Amb. 1 (SLU S) S -Mt-0.3X+Y	SLD	L	N	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00	-1.00	-0.30	1.00
24	CC 24 - Amb. 1 (SLU S) S -Mt-0.3X+Y	SLO	L	N	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	-1.00	-0.30	1.00
25	CC 25 - Amb. 2 (SLU) F X	SLU	L	N	1.30	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.50	1.00	0.00	0.00	0.00	0.00
26	CC 26 - Amb. 2 (SLU) F -X	SLU	L	N	1.30	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.50	-1.00	0.00	0.00	0.00	0.00
27	CC 27 - Amb. 2 (SLU) F Y	SLU	L	N	1.30	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.50	0.00	1.00	0.00	0.00	0.00
28	CC 28 - Amb. 2 (SLU) F -Y	SLU	L	N	1.30	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.50	0.00	-1.00	0.00	0.00	0.00
29	CC 29 - Amb. 2 (SLE R) F X	SLE R	L	N	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00
30	CC 30 - Amb. 2 (SLE R) F -X	SLE R	L	N	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	0.00	0.00	0.00	0.00
31	CC 31 - Amb. 2 (SLE R) F Y	SLE R	L	N	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
32	CC 32 - Amb. 2 (SLE R) F -Y	SLE R	L	N	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	-1.00	0.00	0.00	0.00
33	CC 33 - Amb. 2 (SLE F) F X	SLE F	L	N	1.00	0.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00
34	CC 34 - Amb. 2 (SLE F) F -X	SLE F	L	N	1.00	0.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	0.00	0.00	0.00	0.00
35	CC 35 - Amb. 2 (SLE F) F Y	SLE F	L	N	1.00	0.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
36	CC 36 - Amb. 2 (SLE F) F -Y	SLE F	L	N	1.00	0.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	-1.00	0.00	0.00	0.00
37	CC 37 - Amb. 2 (SLE Q) F X	SLE Q	L	N	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00
38	CC 38 - Amb. 2 (SLE Q) F -X	SLE Q	L	N	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	0.00	0.00	0.00	0.00
39	CC 39 - Amb. 2 (SLE Q) F Y	SLE Q	L	N	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
40	CC 40 - Amb. 2 (SLE Q) F -Y	SLE Q	L	N	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	-1.00	0.00	0.00	0.00

Elenco baricentri e masse impalcati

Simbologia

- Imp. = Numero dell'impalcato
 X = Coordinata X
 Y = Coordinata Y
 Z = Coordinata Z
 Mo = Massa orizzontale
 Jpz = Momento d'inerzia polare intorno all'asse Z

Imp.	X	Y	Z	Mo	Jpz
	<m>	<m>	<m>	<KG>	<KG ² mq>
1	12.50	7.77	6.90	36764.90	3471930.00

Totali masse impalcati

Mo	Jpz
<KG>	<KG ² mq>
36764.90	3471930.00

Elenco forze sismiche di impalcato allo SLO

Simbologia

- Imp. = Numero dell'impalcato
 cx = Coeff. c in dir. X
 cy = Coeff. c in dir. Y

Mz = Momento intorno all'asse Z

Imp.	cx	cy	Mz <kgm>
1	1.00	1.00	95072.30

Totali forze sismiche

Mz
<kgm>
95072.30

Elenco forze sismiche di impalcato allo SLD

Imp.	cx	cy	Mz <kgm>
1	1.00	1.00	115725.00

Totali forze sismiche

Mz
<kgm>
115725.00

Elenco forze sismiche di impalcato allo SLV

Imp.	cx	cy	Mz <kgm>
1	1.00	1.00	77100.10

Totali forze sismiche

Mz
<kgm>
77100.10

Elenco pesi e forze fittizie impalcato

Simbologia

Imp. = Numero dell'impalcato
Peso = Peso
Fx = Forza in dir. X
Fy = Forza in dir. Y

Imp.	Peso <kg>	Fx <kg>	Fy <kg>
1	397034.00	3970.34	3970.34

Elenco modi di vibrare, masse partecipanti e coefficienti di partecipazione

Simbologia

Modo = Numero del modo di vibrare
C = * indica che il modo è stato considerato
Per. = Periodo
Diff. = Minima differenza percentuale dagli altri periodi
 Φ_x = Coefficiente di partecipazione in dir. X
 Φ_y = Coefficiente di partecipazione in dir. Y
 Φ_z = Coefficiente di partecipazione in dir. Z
%Mx = Percentuale massa partecipante in dir. X
%My = Percentuale massa partecipante in dir. Y
%Mz = Percentuale massa partecipante in dir. Z
%Jpz = Percentuale momento d'inerzia polare partecipante intorno all'asse Z

Modo	C	Per.	Diff.	Φ_x	Φ_y	Φ_z	%Mx	%My	%Mz	%Jpz
1 *		0.42	42.08	-0.00	-191.72	0.00	0.00	99.98	0.00	0.02
2 *		0.30	15.88	191.74	-0.00	0.00	100.00	0.00	0.00	0.00
3 *		0.26	15.88	0.00	-2.87	0.00	0.00	0.02	0.00	99.98
Tot.cons.							100.00	100.00	0.00	100.00

Elenco coefficienti di risposta

Simbologia

Modo = Numero del modo di vibrare
Sx = Coefficiente di risposta (moltiplicato per 100) in dir. X
Sy = Coefficiente di risposta (moltiplicato per 100) in dir. Y

Stato limite di operatività

Modo	Sx	Sy
1	16.13	16.13
2	17.91	17.91
3	17.91	17.91

Stato limite di danno

Modo	Sx	Sy
1	20.05	20.05
2	21.80	21.80
3	21.80	21.80

Stato limite di salvaguardia della vita

Modo	Sx	Sy
1	14.52	14.52
2	14.52	14.52
3	14.52	14.52

Spostamenti dei nodi allo stato limite ultimo

Simbologia

- Nodo = Numero del nodo
- Sx = Spostamento in dir. X
- CC = Numero della combinazione delle condizioni di carico elementari
- Sy = Spostamento in dir. Y
- Sz = Spostamento in dir. Z
- Rx = Rotazione intorno all'asse X
- Ry = Rotazione intorno all'asse Y
- Rz = Rotazione intorno all'asse Z

Nodo	Sx	CC	Sy	CC	Sz	CC	Rx	CC	Ry	CC	Rz	CC
	<cm>		<cm>		<cm>		<rad>		<rad>		<rad>	
1 Max	0.00	1	0.00	1	-0.08	1	0.00	7	0.00	1	0.00	1
1 Min.	0.00	1	0.00	1	-0.42	13	-0.00	19	-0.00	13	0.00	1
2 Max	0.00	1	0.00	1	-0.22	2	0.00	7	0.00	1	0.00	1
2 Min.	0.00	1	0.00	1	-0.42	28	-0.00	19	-0.00	13	0.00	1
3 Max	0.00	1	0.00	1	-0.24	2	0.00	7	0.00	1	0.00	1
3 Min.	0.00	1	0.00	1	-0.45	28	-0.00	19	-0.00	13	0.00	1
4 Max	0.00	1	0.00	1	-0.24	2	0.00	7	0.00	1	0.00	1
4 Min.	0.00	1	0.00	1	-0.45	28	-0.00	19	-0.00	13	0.00	1
5 Max	0.00	1	0.00	1	-0.24	2	0.00	19	0.00	1	0.00	1
5 Min.	0.00	1	0.00	1	-0.45	28	-0.00	7	-0.00	13	0.00	1
6 Max	0.00	1	0.00	1	-0.21	2	0.00	19	0.00	1	0.00	1
6 Min.	0.00	1	0.00	1	-0.42	28	-0.00	7	-0.00	13	0.00	1
7 Max	0.00	1	0.00	1	-0.07	13	0.00	19	0.00	1	0.00	1
7 Min.	0.00	1	0.00	1	-0.42	1	-0.00	7	-0.00	13	0.00	1
8 Max	0.00	1	0.00	1	-0.06	7	0.00	19	0.00	1	0.00	1
8 Min.	0.00	1	0.00	1	-0.28	19	-0.00	7	0.00	13	0.00	1
9 Max	0.00	1	0.00	1	0.01	19	0.00	7	0.00	1	0.00	1
9 Min.	0.00	1	0.00	1	-0.34	7	-0.00	19	-0.00	13	0.00	1
10 Max	0.00	1	0.00	1	0.01	7	0.00	7	0.00	13	0.00	1
10 Min.	0.00	1	0.00	1	-0.34	19	-0.00	19	-0.00	1	0.00	1
11 Max	0.00	1	0.00	1	-0.06	19	0.00	19	0.00	13	0.00	1
11 Min.	0.00	1	0.00	1	-0.28	7	-0.00	7	0.00	1	0.00	1
12 Max	0.00	1	0.00	1	-0.08	13	0.00	7	0.00	13	0.00	1
12 Min.	0.00	1	0.00	1	-0.42	1	-0.00	19	-0.00	1	0.00	1
13 Max	0.00	1	0.00	1	-0.21	2	0.00	7	0.00	13	0.00	1
13 Min.	0.00	1	0.00	1	-0.42	27	-0.00	19	-0.00	1	0.00	1
14 Max	0.00	1	0.00	1	-0.24	2	0.00	7	0.00	13	0.00	1
14 Min.	0.00	1	0.00	1	-0.45	27	-0.00	19	-0.00	1	0.00	1
15 Max	0.00	1	0.00	1	-0.24	2	0.00	7	0.00	13	0.00	1
15 Min.	0.00	1	0.00	1	-0.45	27	-0.00	19	-0.00	1	0.00	1
16 Max	0.00	1	0.00	1	-0.24	2	0.00	19	0.00	13	0.00	1
16 Min.	0.00	1	0.00	1	-0.45	27	-0.00	7	-0.00	1	0.00	1
17 Max	0.00	1	0.00	1	-0.21	2	0.00	19	0.00	13	0.00	1
17 Min.	0.00	1	0.00	1	-0.42	27	-0.00	7	-0.00	1	0.00	1
18 Max	0.00	1	0.00	1	-0.07	1	0.00	19	0.00	13	0.00	1
18 Min.	0.00	1	0.00	1	-0.41	13	-0.00	7	-0.00	1	0.00	1
101 Max	1.33	1	2.71	19	-0.07	1	0.00	7	0.00	1	0.00	7
101 Min.	-1.35	13	-2.72	7	-0.44	13	-0.00	19	-0.00	13	0.00	19
102 Max	1.33	1	2.68	19	-0.23	2	0.00	7	0.00	1	0.00	7
102 Min.	-1.35	13	-2.69	7	-0.44	28	-0.00	19	0.00	13	0.00	19
103 Max	1.33	1	2.65	19	-0.26	2	0.00	7	0.00	1	0.00	7
103 Min.	-1.35	13	-2.67	7	-0.47	28	-0.00	19	0.00	13	0.00	19
104 Max	1.33	1	2.62	19	-0.26	2	0.00	7	0.00	1	0.00	7
104 Min.	-1.35	13	-2.64	7	-0.47	28	-0.00	19	0.00	13	0.00	19
105 Max	1.33	1	2.62	7	-0.25	2	0.00	19	0.00	1	0.00	7
105 Min.	-1.35	13	-2.63	19	-0.47	28	-0.00	7	0.00	13	0.00	19
106 Max	1.33	1	2.62	7	-0.23	2	0.00	19	0.00	1	0.00	7
106 Min.	-1.35	13	-2.63	19	-0.44	28	-0.00	7	0.00	13	0.00	19

107 Max	1.33	1	2.62	7	-0.06	13	0.00	19	0.00	1	0.00	7
107 Min.	-1.35	13	-2.63	19	-0.44	1	-0.00	7	-0.00	13	0.00	19
108 Max	1.31	1	2.61	7	-0.06	7	0.00	19	0.00	1	0.00	7
108 Min.	-1.32	13	-2.63	19	-0.31	19	-0.00	7	-0.00	13	0.00	19
109 Max	1.30	1	2.72	19	0.01	19	0.00	7	0.00	1	0.00	7
109 Min.	-1.32	13	-2.73	7	-0.36	7	-0.00	19	-0.00	13	0.00	19
110 Max	1.30	13	2.72	19	0.01	7	0.00	7	0.00	13	0.00	7
110 Min.	-1.32	1	-2.73	7	-0.36	19	-0.00	19	-0.00	1	0.00	19
111 Max	1.31	13	2.61	7	-0.06	19	0.00	19	0.00	13	0.00	7
111 Min.	-1.32	1	-2.63	19	-0.31	7	-0.00	7	-0.00	1	0.00	19
112 Max	1.33	13	2.71	19	-0.07	13	0.00	7	0.00	13	0.00	7
112 Min.	-1.35	1	-2.72	7	-0.44	1	-0.00	19	-0.00	1	0.00	19
113 Max	1.33	13	2.68	19	-0.23	2	0.00	7	0.00	13	0.00	7
113 Min.	-1.35	1	-2.69	7	-0.44	27	0.00	19	0.00	1	0.00	19
114 Max	1.33	13	2.65	19	-0.25	2	0.00	7	0.00	13	0.00	7
114 Min.	-1.35	1	-2.67	7	-0.47	27	0.00	19	0.00	1	0.00	19
115 Max	1.33	13	2.62	19	-0.26	2	0.00	7	0.00	13	0.00	7
115 Min.	-1.35	1	-2.64	7	-0.47	27	0.00	19	0.00	1	0.00	19
116 Max	1.33	13	2.62	7	-0.25	2	0.00	19	0.00	13	0.00	7
116 Min.	-1.35	1	-2.63	19	-0.47	27	0.00	7	0.00	1	0.00	19
117 Max	1.33	13	2.62	7	-0.23	2	0.00	19	0.00	13	0.00	7
117 Min.	-1.35	1	-2.63	19	-0.43	27	0.00	7	0.00	1	0.00	19
118 Max	1.33	13	2.62	7	-0.06	1	0.00	19	0.00	13	0.00	7
118 Min.	-1.35	1	-2.63	19	-0.43	13	-0.00	7	-0.00	1	0.00	19
119 Max	1.33	1	2.72	19	0.11	1	0.00	19	0.00	1	0.00	7
119 Min.	-1.35	13	-2.73	7	-0.59	13	0.00	7	-0.00	13	0.00	19
120 Max	1.33	1	2.71	19	0.02	1	0.00	13	0.00	1	0.00	7
120 Min.	-1.35	13	-2.73	7	-0.52	13	0.00	1	-0.00	13	0.00	19
121 Max	1.33	1	2.70	19	-0.13	7	0.00	7	0.00	1	0.00	7
121 Min.	-1.35	13	-2.72	7	-0.40	19	-0.00	19	0.00	13	0.00	19
122 Max	1.33	1	2.68	19	-0.21	2	-0.00	7	0.00	1	0.00	7
122 Min.	-1.35	13	-2.70	7	-0.43	28	-0.00	27	0.00	13	0.00	19
123 Max	1.33	1	2.67	19	-0.24	2	-0.00	7	0.00	1	0.00	7
123 Min.	-1.35	13	-2.69	7	-0.45	28	-0.01	27	0.00	13	0.00	19
124 Max	1.33	1	2.65	19	-0.25	2	-0.00	7	0.00	1	0.00	7
124 Min.	-1.35	13	-2.67	7	-0.47	28	-0.01	27	0.00	13	0.00	19
125 Max	1.33	1	2.64	19	-0.25	2	-0.00	7	0.00	1	0.00	7
125 Min.	-1.35	13	-2.66	7	-0.48	28	-0.01	27	0.00	13	0.00	19
126 Max	1.33	1	2.63	19	-0.25	2	-0.00	19	0.00	1	0.00	7
126 Min.	-1.35	13	-2.64	7	-0.48	28	-0.01	27	0.00	13	0.00	19
127 Max	1.33	1	2.62	7	-0.26	2	-0.00	7	0.00	1	0.00	7
127 Min.	-1.35	13	-2.63	19	-0.48	28	-0.01	27	0.00	13	0.00	19
128 Max	1.33	1	2.62	7	-0.25	2	-0.00	19	0.00	1	0.00	7
128 Min.	-1.35	13	-2.63	19	-0.48	28	-0.01	27	0.00	13	0.00	19
129 Max	1.33	1	2.62	7	-0.25	2	-0.00	19	0.00	1	0.00	7
129 Min.	-1.35	13	-2.63	19	-0.47	28	-0.01	27	0.00	13	0.00	19
130 Max	1.33	1	2.62	7	-0.23	2	-0.00	19	0.00	1	0.00	7
130 Min.	-1.35	13	-2.63	19	-0.45	28	-0.01	27	0.00	13	0.00	19
131 Max	1.33	1	2.62	7	-0.21	19	-0.00	19	0.00	1	0.00	7
131 Min.	-1.35	13	-2.63	19	-0.43	28	-0.00	27	0.00	13	0.00	19
132 Max	1.33	1	2.62	7	-0.12	19	0.00	19	0.00	1	0.00	7
132 Min.	-1.35	13	-2.63	19	-0.41	7	-0.00	7	0.00	13	0.00	19
133 Max	1.33	1	2.61	7	0.03	13	0.00	1	0.00	1	0.00	7
133 Min.	-1.35	13	-2.63	19	-0.52	1	0.00	13	-0.00	13	0.00	19
134 Max	1.33	1	2.61	7	0.12	13	0.00	1	0.00	1	0.00	7
134 Min.	-1.35	13	-2.63	19	-0.59	1	0.00	13	-0.00	13	0.00	19
135 Max	1.32	1	2.72	19	0.10	19	0.00	19	0.00	19	0.00	7
135 Min.	-1.34	13	-2.73	7	-0.60	7	0.00	7	0.00	7	0.00	19
136 Max	1.32	1	2.61	7	0.08	7	0.00	1	0.00	13	0.00	7
136 Min.	-1.34	13	-2.63	19	-0.55	19	0.00	13	-0.00	1	0.00	19
137 Max	1.30	1	2.61	7	-0.13	7	0.00	19	0.00	1	0.00	7
137 Min.	-1.32	13	-2.63	19	-0.25	28	-0.00	7	-0.00	13	0.00	19
138 Max	1.30	13	2.61	7	-0.13	19	0.00	19	0.00	13	0.00	7
138 Min.	-1.32	1	-2.63	19	-0.25	27	-0.00	7	-0.00	1	0.00	19
139 Max	1.32	13	2.72	19	0.10	7	0.00	19	0.00	7	0.00	7
139 Min.	-1.34	1	-2.73	7	-0.60	19	0.00	7	0.00	19	0.00	19
140 Max	1.32	13	2.61	7	0.08	19	0.00	1	0.00	1	0.00	7
140 Min.	-1.34	1	-2.63	19	-0.55	7	0.00	13	-0.00	13	0.00	19
141 Max	1.33	13	2.72	19	0.11	13	0.00	19	0.00	13	0.00	7
141 Min.	-1.35	1	-2.73	7	-0.59	1	0.00	7	-0.00	1	0.00	19
142 Max	1.33	13	2.71	19	0.02	13	0.00	13	0.00	13	0.00	7
142 Min.	-1.35	1	-2.73	7	-0.52	1	0.00	1	-0.00	1	0.00	19
143 Max	1.33	13	2.70	19	-0.13	19	0.00	7	0.00	13	0.00	7
143 Min.	-1.35	1	-2.72	7	-0.40	7	0.00	19	0.00	1	0.00	19
144 Max	1.33	13	2.68	19	-0.21	2	0.00	28	0.00	13	0.00	7
144 Min.	-1.35	1	-2.70	7	-0.43	27	0.00	19	0.00	1	0.00	19
145 Max	1.33	13	2.67	19	-0.23	2	0.01	28	0.00	13	0.00	7
145 Min.	-1.35	1	-2.69	7	-0.45	27	0.00	19	0.00	1	0.00	19
146 Max	1.33	13	2.65	19	-0.25	2	0.01	28	0.00	13	0.00	7
146 Min.	-1.35	1	-2.67	7	-0.47	27	0.00	19	0.00	1	0.00	19
147 Max	1.33	13	2.64	19	-0.25	2	0.01	28	0.00	13	0.00	7

147 Min.	-1.35	1	-2.66	7	-0.47	27	0.00	19	0.00	1	0.00	19
148 Max	1.33	13	2.63	19	-0.25	2	0.01	28	0.00	13	0.00	7
148 Min.	-1.35	1	-2.64	7	-0.48	27	0.00	7	0.00	1	0.00	19
149 Max	1.33	13	2.62	7	-0.25	2	0.01	28	0.00	13	0.00	7
149 Min.	-1.35	1	-2.63	19	-0.48	27	0.00	19	0.00	1	0.00	19
150 Max	1.33	13	2.62	7	-0.25	2	0.01	28	0.00	13	0.00	7
150 Min.	-1.35	1	-2.63	19	-0.47	27	0.00	7	0.00	1	0.00	19
151 Max	1.33	13	2.62	7	-0.25	2	0.01	28	0.00	13	0.00	7
151 Min.	-1.35	1	-2.63	19	-0.47	27	0.00	7	0.00	1	0.00	19
152 Max	1.33	13	2.62	7	-0.24	2	0.01	28	0.00	13	0.00	7
152 Min.	-1.35	1	-2.63	19	-0.45	27	0.00	7	0.00	1	0.00	19
153 Max	1.33	13	2.62	7	-0.21	7	0.00	28	0.00	13	0.00	7
153 Min.	-1.35	1	-2.63	19	-0.43	27	0.00	7	0.00	1	0.00	19
154 Max	1.33	13	2.62	7	-0.11	7	0.00	19	0.00	13	0.00	7
154 Min.	-1.35	1	-2.63	19	-0.41	19	0.00	7	0.00	1	0.00	19
155 Max	1.33	13	2.61	7	0.03	1	0.00	1	0.00	13	0.00	7
155 Min.	-1.35	1	-2.63	19	-0.52	13	0.00	13	-0.00	1	0.00	19
156 Max	1.33	13	2.61	7	0.12	1	0.00	1	0.00	13	0.00	7
156 Min.	-1.35	1	-2.63	19	-0.59	13	0.00	13	-0.00	1	0.00	19

Spostamenti relativi massimi allo stato limite di operatività

Simbologia

N1 = Nodo1
 N2 = Nodo2
 h = Altezza teorica
 δ = Spostamento relativo tra i due nodi
 δ/h = Rapporto (moltiplicato per 1000) tra lo spostamento relativo e l'altezza
 CC = Numero della combinazione delle condizioni di carico elementari

N1	N2	h	δ	δ/h	CC	N1	N2	h	δ	δ/h	CC	N1	N2	h	δ	δ/h	CC	N1	N2	h	δ	δ/h	CC
		<m>	<cm>					<m>	<cm>					<m>	<cm>					<m>	<cm>		
1	101	6.90	0.80	1.17	12	2	102	6.90	0.78	1.14	12	3	103	6.90	0.76	1.10	12	4	104	6.90	0.75	1.08	21
5	105	6.90	0.76	1.10	21	6	106	6.90	0.77	1.12	21	7	107	6.90	0.78	1.14	21	8	108	6.90	0.78	1.13	21
9	109	6.90	0.81	1.17	9	10	110	6.90	0.81	1.17	9	11	111	6.90	0.78	1.13	21	12	112	6.90	0.81	1.17	9
13	113	6.90	0.79	1.14	9	14	114	6.90	0.77	1.11	9	15	115	6.90	0.75	1.08	9	16	116	6.90	0.75	1.09	24
17	117	6.90	0.76	1.11	24	18	118	6.90	0.78	1.13	24												

Reazioni vincolari

Simbologia

Nodo = Numero del nodo
 Rx = Reazione vincolare (forza) in dir. X
 CC = Numero della combinazione delle condizioni di carico elementari
 Ry = Reazione vincolare (forza) in dir. Y
 Rz = Reazione vincolare (forza) in dir. Z
 Mx = Reazione vincolare (momento) intorno all'asse X
 My = Reazione vincolare (momento) intorno all'asse Y
 Mz = Reazione vincolare (momento) intorno all'asse Z

Nodo	Rx	CC	Ry	CC	Rz	CC	Mx	CC	My	CC	Mz	CC
	<kg>		<kg>		<kg>		<kgm>		<kgm>		<kgm>	
1 Max	4841.55	15	2924.46	9	0.00	28	0.00	21	0.00	2	173.24	21
1 Min.	-2625.16	3	-1735.45	21	0.00	2	0.00	9	0.00	3	-173.87	9
2 Max	6156.05	15	4281.33	9	0.00	2	0.00	21	0.00	3	173.24	21
2 Min.	-4345.91	3	680.77	21	0.00	26	0.00	27	0.00	2	-173.87	9
3 Max	5986.83	15	5036.10	28	0.00	32	0.00	21	0.00	15	173.24	21
3 Min.	-5178.31	3	1375.39	21	0.00	2	0.00	28	0.00	2	-173.87	9
4 Max	5710.05	15	4769.73	28	0.00	9	0.00	21	0.00	3	173.24	21
4 Min.	-5518.71	3	1348.98	21	0.00	28	0.00	9	0.00	15	-173.87	9
5 Max	5522.01	15	5037.10	28	0.00	28	0.00	28	0.00	2	173.24	21
5 Min.	-5629.68	3	1401.09	9	0.00	9	0.00	21	0.00	3	-173.87	9
6 Max	4424.75	15	4247.60	21	0.00	26	0.00	2	0.00	9	173.24	21
6 Min.	-5991.48	3	739.58	9	0.00	2	0.00	28	0.00	26	-173.87	9
7 Max	2849.80	15	2820.29	21	0.00	2	0.00	3	0.00	15	173.24	21
7 Min.	-4594.93	3	-1616.16	9	0.00	21	0.00	28	0.00	3	-173.87	9
8 Max	-670.11	15	8947.57	21	0.00	2	0.00	9	0.00	2	173.24	21
8 Min.	-2073.36	25	-9625.97	9	0.00	21	0.00	21	0.00	28	-173.87	9
9 Max	2103.08	26	8378.48	9	0.00	9	0.00	21	0.00	9	172.16	21
9 Min.	674.07	3	-9720.32	21	0.00	21	0.00	9	0.00	21	-172.81	9
10 Max	2119.55	26	9945.77	9	0.00	21	0.00	21	0.00	21	172.19	21
10 Min.	679.48	15	-8153.03	21	0.00	9	0.00	9	0.00	9	-172.78	9
11 Max	-673.49	3	9860.98	21	0.00	9	0.00	2	0.00	2	173.24	21
11 Min.	-2083.66	25	-8712.56	9	0.00	21	0.00	9	0.00	3	-173.87	9
12 Max	4858.63	3	2031.48	9	0.00	27	0.00	9	0.00	9	173.24	21
12 Min.	-2608.08	15	-2628.43	21	0.00	2	0.00	2	0.00	2	-173.87	9
13 Max	6162.74	3	-636.20	9	0.00	27	0.00	21	0.00	26	173.24	21
13 Min.	-4339.23	15	-4236.75	21	0.00	2	0.00	2	0.00	15	-173.87	9

14 Max	5989.35	3	-1147.86	9	0.00	28	0.00	21	0.00	3	173.24	21
14 Min.	-5175.80	15	-4555.39	21	0.00	31	0.00	9	0.00	2	-173.87	9
15 Max	5712.19	3	-1305.60	9	0.00	2	0.00	28	0.00	27	173.24	21
15 Min.	-5516.57	15	-4637.57	27	0.00	25	0.00	2	0.00	15	-173.87	9
16 Max	5523.58	3	-1173.93	21	0.00	26	0.00	9	0.00	3	173.24	21
16 Min.	-5628.10	15	-4532.57	9	0.00	2	0.00	27	0.00	2	-173.87	9
17 Max	4421.27	3	-695.78	21	0.00	27	0.00	21	0.00	15	173.24	21
17 Min.	-5994.96	15	-4203.80	9	0.00	2	0.00	2	0.00	2	-173.87	9
18 Max	2833.61	3	1909.90	21	0.00	9	0.00	2	0.00	2	173.24	21
18 Min.	-4611.12	15	-2526.54	9	0.00	25	0.00	26	0.00	3	-173.87	9

Tensioni sul terreno

Simbologia

- Nodo = Numero del nodo
- σ_t = Tensione sul terreno
- CC = Numero della combinazione delle condizioni di carico elementari

Nodo	σ_t	CC	Nodo	σ_t	CC	Nodo	σ_t	CC	Nodo	σ_t	CC	Nodo	σ_t	CC
	<kg/cmq>			<kg/cmq>			<kg/cmq>			<kg/cmq>			<kg/cmq>	
-464 Max	1.15	27	-464 Min.	0.36	2	-463 Max	1.16	27	-463 Min.	0.41	2	-462 Max	1.17	27
-462 Min.	0.47	2	-461 Max	1.55	27	-461 Min.	0.75	2	-460 Max	1.57	27	-460 Min.	0.80	2
-459 Max	1.59	27	-459 Min.	0.81	2	-458 Max	1.72	27	-458 Min.	0.88	2	-457 Max	1.73	27
-457 Min.	0.92	2	-456 Max	1.73	27	-456 Min.	0.90	2	-455 Max	1.76	27	-455 Min.	0.90	2
-454 Max	1.76	27	-454 Min.	0.93	2	-453 Max	1.76	27	-453 Min.	0.91	2	-452 Max	1.73	27
-452 Min.	0.88	2	-451 Max	1.73	27	-451 Min.	0.91	2	-450 Max	1.73	27	-450 Min.	0.88	2
-449 Max	1.59	27	-449 Min.	0.79	2	-448 Max	1.58	27	-448 Min.	0.79	2	-447 Max	1.56	27
-447 Min.	0.75	2	-446 Max	1.21	27	-446 Min.	0.48	2	-445 Max	1.20	27	-445 Min.	0.43	2
-444 Max	1.20	27	-444 Min.	0.38	2	-443 Max	1.11	27	-443 Min.	0.34	2	-442 Max	1.12	27
-442 Min.	0.40	2	-441 Max	1.13	27	-441 Min.	0.46	2	-440 Max	1.45	27	-440 Min.	0.71	2
-439 Max	1.47	27	-439 Min.	0.75	2	-438 Max	1.48	27	-438 Min.	0.76	2	-437 Max	1.60	27
-437 Min.	0.82	2	-436 Max	1.60	27	-436 Min.	0.85	2	-435 Max	1.61	27	-435 Min.	0.83	2
-434 Max	1.63	27	-434 Min.	0.84	2	-433 Max	1.63	27	-433 Min.	0.87	2	-432 Max	1.63	27
-432 Min.	0.84	2	-431 Max	1.61	27	-431 Min.	0.82	2	-430 Max	1.60	27	-430 Min.	0.85	2
-429 Max	1.60	27	-429 Min.	0.82	2	-428 Max	1.49	27	-428 Min.	0.75	2	-427 Max	1.47	27
-427 Min.	0.74	2	-426 Max	1.46	27	-426 Min.	0.71	2	-425 Max	1.16	27	-425 Min.	0.47	2
-424 Max	1.16	27	-424 Min.	0.42	2	-423 Max	1.15	27	-423 Min.	0.37	2	-422 Max	1.07	25
-422 Min.	0.33	2	-421 Max	1.08	27	-421 Min.	0.39	2	-420 Max	1.09	27	-420 Min.	0.45	2
-419 Max	1.34	27	-419 Min.	0.66	2	-418 Max	1.36	27	-418 Min.	0.70	2	-417 Max	1.38	27
-417 Min.	0.71	2	-416 Max	1.47	27	-416 Min.	0.76	2	-415 Max	1.48	27	-415 Min.	0.79	2
-414 Max	1.48	27	-414 Min.	0.77	2	-413 Max	1.49	27	-413 Min.	0.77	2	-412 Max	1.50	27
-412 Min.	0.80	2	-411 Max	1.50	27	-411 Min.	0.78	2	-410 Max	1.48	27	-410 Min.	0.76	2
-409 Max	1.48	27	-409 Min.	0.79	2	-408 Max	1.47	27	-408 Min.	0.76	2	-407 Max	1.38	27
-407 Min.	0.70	2	-406 Max	1.37	27	-406 Min.	0.70	2	-405 Max	1.35	27	-405 Min.	0.66	2
-404 Max	1.12	27	-404 Min.	0.46	2	-403 Max	1.11	27	-403 Min.	0.41	2	-402 Max	1.11	26
-402 Min.	0.36	2	-401 Max	1.04	25	-401 Min.	0.24	2	-400 Max	1.02	25	-400 Min.	0.32	2
-399 Max	1.03	27	-399 Min.	0.43	2	-398 Max	1.22	27	-398 Min.	0.60	2	-397 Max	1.25	27
-397 Min.	0.64	2	-396 Max	1.32	27	-396 Min.	0.69	2	-395 Max	1.33	27	-395 Min.	0.70	2
-394 Max	1.34	27	-394 Min.	0.70	2	-393 Max	1.34	27	-393 Min.	0.70	2	-392 Max	1.33	27
-392 Min.	0.69	2	-391 Max	1.32	27	-391 Min.	0.69	2	-390 Max	1.25	27	-390 Min.	0.64	2
-389 Max	1.23	27	-389 Min.	0.61	2	-388 Max	1.05	27	-388 Min.	0.44	2	-387 Max	1.06	26
-387 Min.	0.35	2	-386 Max	1.08	26	-386 Min.	0.27	2	-385 Max	0.96	25	-385 Min.	0.31	2
-384 Max	0.95	25	-384 Min.	0.36	2	-383 Max	0.94	27	-383 Min.	0.40	2	-382 Max	1.09	25
-382 Min.	0.54	2	-381 Max	1.10	25	-381 Min.	0.58	2	-380 Max	1.11	26	-380 Min.	0.58	2
-379 Max	1.16	25	-379 Min.	0.61	2	-378 Max	1.17	28	-378 Min.	0.64	2	-377 Max	1.17	26
-377 Min.	0.62	2	-376 Max	1.18	25	-376 Min.	0.62	2	-375 Max	1.18	28	-375 Min.	0.64	2
-374 Max	1.18	26	-374 Min.	0.62	2	-373 Max	1.17	25	-373 Min.	0.61	2	-372 Max	1.17	28
-372 Min.	0.64	2	-371 Max	1.17	26	-371 Min.	0.61	2	-370 Max	1.11	25	-370 Min.	0.57	2
-369 Max	1.10	26	-369 Min.	0.58	2	-368 Max	1.10	26	-368 Min.	0.55	2	-367 Max	0.97	26
-367 Min.	0.42	2	-366 Max	0.98	26	-366 Min.	0.38	2	-365 Max	0.99	26	-365 Min.	0.33	2
-364 Max	0.87	25	-364 Min.	0.28	2	-363 Max	0.86	25	-363 Min.	0.33	2	-362 Max	0.85	25
-362 Min.	0.38	2	-361 Max	0.94	25	-361 Min.	0.45	2	-360 Max	0.95	28	-360 Min.	0.49	2
-359 Max	0.96	28	-359 Min.	0.48	2	-358 Max	1.00	28	-358 Min.	0.50	2	-357 Max	1.00	28
-357 Min.	0.53	2	-356 Max	1.00	28	-356 Min.	0.51	2	-355 Max	1.00	28	-355 Min.	0.51	2
-354 Max	1.00	28	-354 Min.	0.53	2	-353 Max	1.01	28	-353 Min.	0.51	2	-352 Max	1.00	28
-352 Min.	0.50	2	-351 Max	1.00	28	-351 Min.	0.53	2	-350 Max	1.00	28	-350 Min.	0.51	2
-349 Max	0.96	28	-349 Min.	0.48	2	-348 Max	0.95	28	-348 Min.	0.49	2	-347 Max	0.95	26
-347 Min.	0.46	2	-346 Max	0.87	26	-346 Min.	0.39	2	-345 Max	0.88	26	-345 Min.	0.35	2
-344 Max	0.90	26	-344 Min.	0.31	2	-343 Max	0.78	25	-343 Min.	0.26	2	-342 Max	0.77	25
-342 Min.	0.30	2	-341 Max	0.76	25	-341 Min.	0.35	2	-340 Max	0.79	28	-340 Min.	0.36	2
-339 Max	0.80	28	-339 Min.	0.40	2	-338 Max	0.81	28	-338 Min.	0.39	2	-337 Max	0.83	28
-337 Min.	0.40	2	-336 Max	0.83	28	-336 Min.	0.42	2	-335 Max	0.84	28	-335 Min.	0.40	2
-334 Max	0.83	28	-334 Min.	0.40	2	-333 Max	0.83	28	-333 Min.	0.43	2	-332 Max	0.83	28
-332 Min.	0.40	2	-331 Max	0.83	28	-331 Min.	0.40	2	-330 Max	0.83	28	-330 Min.	0.43	2
-329 Max	0.83	28	-329 Min.	0.40	2	-328 Max	0.81	28	-328 Min.	0.39	2	-327 Max	0.80	28
-327 Min.	0.41	2	-326 Max	0.80	28	-326 Min.	0.38	2	-325 Max	0.77	26	-325 Min.	0.36	2
-324 Max	0.78	26	-324 Min.	0.32	2	-323 Max	0.80	26	-323 Min.	0.28	2	-322 Max	0.84	27
-322 Min.	0.31	2	-321 Max	0.77	27	-321 Min.	0.30	2	-320 Max	0.70	27	-320 Min.	0.29	2
-319 Max	0.61	27	-319 Min.	0.27	21	-318 Max	0.53	27	-318 Min.	0.23	21	-317 Max	0.45	9

-114 Max	0.99	27	-114 Min.	0.53	2	-113 Max	1.00	27	-113 Min.	0.50	2	-112 Max	1.00	27
-112 Min.	0.51	2	-111 Max	1.00	27	-111 Min.	0.53	2	-110 Max	1.00	27	-110 Min.	0.50	2
-109 Max	0.99	27	-109 Min.	0.50	2	-108 Max	0.99	27	-108 Min.	0.52	2	-107 Max	0.99	27
-107 Min.	0.50	2	-106 Max	0.95	27	-106 Min.	0.48	2	-105 Max	0.95	27	-105 Min.	0.49	2
-104 Max	0.94	26	-104 Min.	0.45	2	-103 Max	0.87	26	-103 Min.	0.38	2	-102 Max	0.88	26
-102 Min.	0.34	2	-101 Max	0.90	26	-101 Min.	0.29	2	-100 Max	0.96	25	-100 Min.	0.32	2
-99 Max	0.95	25	-99 Min.	0.37	2	-98 Max	0.95	28	-98 Min.	0.41	2	-97 Max	1.09	25
-97 Min.	0.55	2	-96 Max	1.10	25	-96 Min.	0.58	2	-95 Max	1.11	26	-95 Min.	0.57	2
-94 Max	1.16	25	-94 Min.	0.61	2	-93 Max	1.17	27	-93 Min.	0.64	2	-92 Max	1.17	26
-92 Min.	0.61	2	-91 Max	1.18	25	-91 Min.	0.62	2	-90 Max	1.18	27	-90 Min.	0.64	2
-89 Max	1.18	26	-89 Min.	0.62	2	-88 Max	1.17	25	-88 Min.	0.61	2	-87 Max	1.17	27
-87 Min.	0.64	2	-86 Max	1.17	26	-86 Min.	0.61	2	-85 Max	1.11	25	-85 Min.	0.58	2
-84 Max	1.10	26	-84 Min.	0.58	2	-83 Max	1.10	26	-83 Min.	0.54	2	-82 Max	0.97	26
-82 Min.	0.42	2	-81 Max	0.98	26	-81 Min.	0.37	2	-80 Max	0.99	26	-80 Min.	0.32	2
-79 Max	1.05	25	-79 Min.	0.26	2	-78 Max	1.03	25	-78 Min.	0.34	2	-77 Max	1.04	28
-77 Min.	0.43	2	-76 Max	1.22	28	-76 Min.	0.60	2	-75 Max	1.25	28	-75 Min.	0.64	2
-74 Max	1.33	28	-74 Min.	0.69	2	-73 Max	1.34	28	-73 Min.	0.69	2	-72 Max	1.34	28
-72 Min.	0.71	2	-71 Max	1.35	28	-71 Min.	0.70	2	-70 Max	1.33	28	-70 Min.	0.70	2
-69 Max	1.33	28	-69 Min.	0.69	2	-68 Max	1.25	28	-68 Min.	0.65	2	-67 Max	1.23	28
-67 Min.	0.61	2	-66 Max	1.06	28	-66 Min.	0.44	2	-65 Max	1.07	26	-65 Min.	0.34	2
-64 Max	1.09	26	-64 Min.	0.26	2	-63 Max	1.09	25	-63 Min.	0.35	2	-62 Max	1.09	28
-62 Min.	0.40	2	-61 Max	1.10	28	-61 Min.	0.45	2	-60 Max	1.35	28	-60 Min.	0.66	2
-59 Max	1.37	28	-59 Min.	0.70	2	-58 Max	1.39	28	-58 Min.	0.70	2	-57 Max	1.48	28
-57 Min.	0.77	2	-56 Max	1.49	28	-56 Min.	0.79	2	-55 Max	1.49	28	-55 Min.	0.77	2
-54 Max	1.50	28	-54 Min.	0.78	2	-53 Max	1.51	28	-53 Min.	0.81	2	-52 Max	1.51	28
-52 Min.	0.78	2	-51 Max	1.49	28	-51 Min.	0.78	2	-50 Max	1.49	28	-50 Min.	0.80	2
-49 Max	1.49	28	-49 Min.	0.77	2	-48 Max	1.39	28	-48 Min.	0.71	2	-47 Max	1.38	28
-47 Min.	0.71	2	-46 Max	1.36	28	-46 Min.	0.67	2	-45 Max	1.13	28	-45 Min.	0.47	2
-44 Max	1.13	28	-44 Min.	0.42	2	-43 Max	1.13	26	-43 Min.	0.36	2	-42 Max	1.14	28
-42 Min.	0.36	2	-41 Max	1.14	28	-41 Min.	0.41	2	-40 Max	1.15	28	-40 Min.	0.46	2
-39 Max	1.47	28	-39 Min.	0.71	2	-38 Max	1.48	28	-38 Min.	0.75	2	-37 Max	1.50	28
-37 Min.	0.75	2	-36 Max	1.62	28	-36 Min.	0.83	2	-35 Max	1.62	28	-35 Min.	0.86	2
-34 Max	1.63	28	-34 Min.	0.83	2	-33 Max	1.64	28	-33 Min.	0.85	2	-32 Max	1.65	28
-32 Min.	0.88	2	-31 Max	1.65	28	-31 Min.	0.85	2	-30 Max	1.63	28	-30 Min.	0.84	2
-29 Max	1.63	28	-29 Min.	0.86	2	-28 Max	1.62	28	-28 Min.	0.83	2	-27 Max	1.50	28
-27 Min.	0.77	2	-26 Max	1.49	28	-26 Min.	0.76	2	-25 Max	1.48	28	-25 Min.	0.72	2
-24 Max	1.19	28	-24 Min.	0.49	2	-23 Max	1.18	28	-23 Min.	0.43	2	-22 Max	1.18	28
-22 Min.	0.37	2	-21 Max	1.18	28	-21 Min.	0.37	2	-20 Max	1.19	28	-20 Min.	0.42	2
-19 Max	1.20	28	-19 Min.	0.47	2	-18 Max	1.58	28	-18 Min.	0.76	2	-17 Max	1.59	28
-17 Min.	0.80	2	-16 Max	1.61	28	-16 Min.	0.80	2	-15 Max	1.75	28	-15 Min.	0.89	2
-14 Max	1.76	28	-14 Min.	0.92	2	-13 Max	1.76	28	-13 Min.	0.90	2	-12 Max	1.78	28
-12 Min.	0.91	2	-11 Max	1.78	28	-11 Min.	0.94	2	-10 Max	1.78	28	-10 Min.	0.91	2
-9 Max	1.76	28	-9 Min.	0.91	2	-8 Max	1.76	28	-8 Min.	0.93	2	-7 Max	1.75	28
-7 Min.	0.90	2	-6 Max	1.61	28	-6 Min.	0.82	2	-5 Max	1.60	28	-5 Min.	0.81	2
-4 Max	1.59	28	-4 Min.	0.77	2	-3 Max	1.24	28	-3 Min.	0.50	2	-2 Max	1.23	28
-2 Min.	0.45	2	-1 Max	1.23	28	-1 Min.	0.39	2	1 Max	1.07	26	1 Min.	0.40	2
2 Max	1.26	28	2 Min.	0.66	2	3 Max	1.35	28	3 Min.	0.73	2	4 Max	1.36	28
4 Min.	0.74	2	5 Max	1.35	28	5 Min.	0.73	2	6 Max	1.25	28	6 Min.	0.65	2
7 Max	1.03	25	7 Min.	0.39	2	8 Max	0.73	28	8 Min.	0.37	2	9 Max	0.71	28
9 Min.	0.35	21	10 Max	0.70	27	10 Min.	0.35	9	11 Max	0.72	27	11 Min.	0.38	2
12 Max	1.06	26	12 Min.	0.40	2	13 Max	1.25	27	13 Min.	0.66	2	14 Max	1.34	27
14 Min.	0.73	2	15 Max	1.36	27	15 Min.	0.74	2	16 Max	1.34	27	16 Min.	0.73	2
17 Max	1.25	27	17 Min.	0.65	2	18 Max	1.02	25	18 Min.	0.38	2			

Verifiche e armature travi

Simbologia

Caso	=	Caso di verifica
Xg	=	Coordinata progressiva (dal primo nodo) in cui viene effettuato il progetto/verifica
CC	=	Combinazione delle condizioni di carico elementari
c	=	momento fittizio in campata
a	=	momento fittizio agli appoggi
TG	=	taglio da gerarchia delle resistenze
T	=	momento traslato per taglio
e	=	eccentricità aggiuntiva in caso di compressione o pressoflessione
TCC	=	Tipo di combinazione di carico
SLU	=	Stato limite ultimo
SLU S	=	Stato limite ultimo (azione sismica)
SLE R	=	Stato limite d'esercizio, combinazione rara
SLE F	=	Stato limite d'esercizio, combinazione frequente
SLE Q	=	Stato limite d'esercizio, combinazione quasi permanente
SLD	=	Stato limite di danno
SLV	=	Stato limite di salvaguardia della vita
SLC	=	Stato limite di prevenzione del collasso
SLO	=	Stato limite di operatività
EI	=	Elemento (asta) in cui viene effettuato il progetto/verifica (progressivo sul numero di aste)
Sez.	=	Numero della sezione
Crit.	=	Numero del criterio di progetto
X	=	Coordinata progressiva rispetto al nodo iniziale
AIT S	=	Area di ferro teorica totale strettamente necessaria nel punto di verifica, superiore
AIT I	=	Area di ferro teorica totale strettamente necessaria nel punto di verifica, inferiore
AIE S	=	Area di ferro effettiva totale presente nel punto di verifica, superiore
AIE I	=	Area di ferro effettiva totale presente nel punto di verifica, inferiore
My	=	Momento flettente intorno all'asse Y
ATP S	=	Area di ferro teorica parziale strettamente necessaria nella CC considerata, per la sollecitazione indicata, superiore

- AfTP I = Area di ferro teorica parziale strettamente necessaria nella CC considerata, per la sollecitazione indicata, inferiore
- AfEP S = Area di ferro effettiva parziale presente nella CC considerata, per la sollecitazione indicata, superiore
- AfEP I = Area di ferro effettiva parziale presente nella CC considerata, per la sollecitazione indicata, inferiore
- Myu = Momento ultimo intorno all'asse Y
- x/d = Rapporto x/d a rottura
- ϵ_Y = Deformazione nell'acciaio (*1000)
- ϵ_c = Deformazione nel calcestruzzo (*1000)
- TS = Modalità di calcolo sicurezza
N/e = N costante ed eccentricità costante
My/e = My costante ed eccentricità costante
My/N = My e N costante
Mz/e = Mz costante ed eccentricità costante
Mz/N = Mz e N costante
- Sic. = Sicurezza a rottura
- $\sigma_{i sup}$ = Tensione nel ferro - superiore
- $\sigma_{i inf}$ = Tensione nel ferro - inferiore
- σ_c = Tensione nel calcestruzzo
- Tz = Taglio in dir. Z
- X0 = Coordinata progressiva (dal nodo iniziale) dell'inizio del tratto di progettazione
- X1 = Coordinata progressiva (dal nodo iniziale) della fine del tratto di progettazione
- Lung. = Lunghezza del tratto di progettazione
- AfT St. = Area di ferro teorica della staffatura (d'anima per travi a T o L)
- Staff. = Staffatura adottata
- AfE St. = Area di ferro effettiva della staffatura (d'anima per travi a T o L)
- bw = Larghezza membratura resistente al taglio
- Vsdu = Taglio agente nella direzione del momento ultimo
- ctg θ = Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo
- VRsd = Taglio ultimo lato armatura
- VRcd = Taglio ultimo lato calcestruzzo
- c = Ricoprimento dell'armatura
- s = Distanza minima tra le barre
- K3 = Coefficiente di forma del diagramma delle tensioni prima della fessurazione
- S_{sm} = Distanza media tra le fessure
- Φ = Diametro della barra
- A_s = Area complessiva dei ferri nell'area di calcestruzzo efficace
- A_{c eff} = Area di calcestruzzo efficace
- σ_s = Tensione nell'acciaio nella sezione fessurata
- σ_{sr} = Tensione nell'acciaio corrispondente al raggiungimento della resistenza a trazione nel calcestruzzo
- ϵ_{sm} = Deformazione unitaria media dell'armatura (*1000)
- Wk = Apertura delle fessure

Travata n. 4002 Nodi: -194 -195 -196 -197 -198 -199 -200

Stato Limite Ultimo - Ferri longitudinali - Verifiche armatura esistente

Xg	CC	TCC	EI	X	AfT S	AfT I	AfE S	AfE I	AfTP S	AfTP I	AfEP S	AfEP I	My	Myu	x/d	ϵ_Y	ϵ_c	TS
<m>				<cm>	<cmq>	<cmq>	<cmq>	<cmq>	<cmq>	<cmq>	<cmq>	<cmq>	<kgm>	<kgm>				
0.05 13	SLV	1	4.60	4.60	6.22	6.59	6.28	8.29	6.22	6.22	6.28	7.83	-2217.26	-8648.18	0.10	20.00	-2.21	Mz/e
13.14 25	SLU	4	188.89	188.89	6.22	6.24	6.28	8.29	6.22	6.22	6.28	8.28	459.69	11306.50	0.12	20.00	-2.61	Mz/e
22.45 1	SLV	6	370.40	370.40	6.22	6.59	6.28	8.29	6.22	6.22	6.28	7.83	-2229.12	-8647.50	0.10	20.00	-2.21	Mz/e
0.05 14	SLD	1	4.60	4.60	6.22	6.59	6.28	8.29	6.22	6.22	6.28	7.83	-2217.74	-10027.00	0.09	20.00	-2.03	Mz/e
13.14 14	SLD	4	188.89	188.89	6.22	6.24	6.28	8.29	6.22	6.22	6.28	8.28	359.37	13106.90	0.11	20.00	-2.38	Mz/e
22.45 5	SLD	6	370.40	370.40	6.22	6.59	6.28	8.29	6.22	6.22	6.28	7.83	-2173.12	-10026.60	0.09	20.00	-2.03	Mz/e

Stato Limite Ultimo - Ferri longitudinali - Verifiche armatura esistente a Taglio

Xg	CC	TCC	EI	X	AfT I	AfE I	Tz	AfTP I	AfEP I	$\sigma_{i inf}$
<m>				<cm>	<cmq>	<cmq>	<kg>	<cmq>	<cmq>	<kg/cmq>
0.05 26	SLU	1	4.60	4.60	6.59	8.29	1433.54	0.37	0.46	3108.51
13.14 13	SLV	4	188.89	188.89	6.24	8.29	51.97	0.01	0.02	2941.93
22.45 25	SLU	6	370.40	370.40	6.59	8.29	-1449.14	0.37	0.47	3110.39
0.05 14	SLD	1	4.60	4.60	6.59	8.29	1392.16	0.37	0.46	3018.77
13.14 2	SLD	4	188.89	188.89	6.24	8.29	-53.87	0.01	0.02	3049.77
22.45 5	SLD	6	370.40	370.40	6.59	8.29	-1337.56	0.37	0.47	2870.91

Stato Limite Esercizio - Ferri longitudinali - Verifiche armatura esistente

Xg	CC	TCC	EI	X	AfT S	AfT I	AfE S	AfE I	My	AfTP S	AfTP I	AfEP S	AfEP I	$\sigma_{i sup}$	$\sigma_{i inf}$	σ_c
<m>				<cm>	<cmq>	<cmq>	<cmq>	<cmq>	<kgm>	<cmq>	<cmq>	<cmq>	<cmq>	<kg/cmq>	<kg/cmq>	<kg/cmq>
0.05 30	SLE R	1	4.60	4.60	6.22	6.22	6.28	8.29	-1536.29	6.22	6.22	6.28	7.83	718.42	-149.66	15.08
0.05 38	SLE Q	1	4.60	4.60	6.22	6.22	6.28	8.29	-1448.23	6.22	6.22	6.28	7.83			14.22
13.14 29	SLE R	4	188.89	188.89	6.22	6.22	6.28	8.29	352.07	6.22	6.22	6.28	8.28	-34.34	126.36	3.23
13.14 37	SLE Q	4	188.89	188.89	6.22	6.22	6.28	8.29	350.38	6.22	6.22	6.28	8.28			3.22
22.45 29	SLE R	6	370.40	370.40	6.22	6.22	6.28	8.29	-1575.72	6.22	6.22	6.28	7.83	736.86	-153.52	15.47
22.45 37	SLE Q	6	370.40	370.40	6.22	6.22	6.28	8.29	-1481.74	6.22	6.22	6.28	7.83			14.55

Verifiche stato limite di formazione delle fessure

Caso	Xg	CC	TCC	EI	Sez.	Crit.	X	My	c	s	K3	S _{sm}	Φ	A _s	A _{c eff}	σ_s	σ_{sr}	ϵ_{sm}	Wk
	<m>						<cm>	<kgm>	<mm>	<mm>		<mm>		<cmq>	<cmq>	<kg/cmq>	<kg/cmq>		<mm>
42	0.05 38	SLE Q	1	9	1	4.60	-1448.23	20.00	280.00	0.14	185.62	20.00	3.14	242.74	677.24	2330.91	0.13	0.04	
46	0.05 34	SLE F	1	9	1	4.60	-1465.84	20.00	280.00	0.14	185.62	20.00	3.14	242.74	685.48	2330.91	0.13	0.04	
89	13.14 37	SLE Q	4	9	1	188.89	350.38	20.00	220.00	0.14	181.10	20.00	8.29	704.82	125.76	1833.34	0.02	0.01	
93	13.14 33	SLE F	4	9	1	188.89	350.72	20.00	220.00	0.14	181.10	20.00	8.29	704.82	125.88	1833.34	0.02	0.01	
137	22.45 37	SLE Q	6	9	1	370.40	-1481.74	20.00	280.00	0.14	185.62	20.00	3.14	242.74	692.91	2330.83	0.13	0.04	
141	22.45 33	SLE F	6	9	1	370.40	-1500.53	20.00	280.00	0.14	185.62	20.00	3.14	242.74	701.70	2330.83	0.14	0.04	

Staffe - Verifiche armatura esistente

CC	X0	X1	Lung.	AfT St.	Staff.	AfE St.	bw	Vsdu	ctg θ	VRsd	VRcd
	<m>	<m>	<m>	<cmq/m>		<cmq/m>	<m>	<kg>		<kg>	<kg>
TG	0.00	0.37	0.37	1.98	ø8/ 5 2 br.	20.11	0.50	6465.88	1.87	48899.00	48899.00
TG	0.37	22.13	21.76	1.94	ø8/10 2 br.	10.05	0.50	6304.16	2.50	32749.10	40505.40
TG	22.13	22.50	0.37	1.98	ø8/ 5 2 br.	20.11	0.50	6466.16	1.87	48899.00	48899.00

Travata n. 4003 Nodi: -260 -261 -262 -263 -264 -265 -266

Stato Limite Ultimo - Ferri longitudinali - Verifiche armatura esistente

Xg	CC	TCC	EI	X	AfT S	AfT I	AfE S	AfE I	AfTP S	AfTP I	AfEP S	AfEP I	My	Myu	x/d	ϵ_Y	ϵ_c	TS
<m>				<cm>	<cmq>	<cmq>	<cmq>	<cmq>	<cmq>	<cmq>	<cmq>	<cmq>	<kgm>	<kgm>				

7	0.37	2.61	2.23	1.00	ø8/10 2 br.	10.05	0.50	3244.47	2.50	32749.10	40505.40
19	2.61	2.98	0.37	1.16	ø8/ 5 2 br.	20.11	0.50	3773.01	1.87	48899.00	48899.00

Verifiche e armature pilastri

Simbologia

Xg	=	Coordinata progressiva (dal primo nodo) in cui viene effettuato il progetto/verifica
CC	=	Combinazione delle condizioni di carico elementari
e	=	eccentricità aggiuntiva in caso di compressione o pressoflessione
α	=	amplificazione per gerarchia delle resistenze
TCC	=	Tipo di combinazione di carico
SLU	=	Stato limite ultimo
SLU S	=	Stato limite ultimo (azione sismica)
SLE R	=	Stato limite d'esercizio, combinazione rara
SLE F	=	Stato limite d'esercizio, combinazione frequente
SLE Q	=	Stato limite d'esercizio, combinazione quasi permanente
SLD	=	Stato limite di danno
SLV	=	Stato limite di salvaguardia della vita
SLC	=	Stato limite di prevenzione del collasso
SLO	=	Stato limite di operatività
EI	=	Elemento (asta) in cui viene effettuato il progetto/verifica (progressivo sul numero di aste)
Sez.	=	Numero della sezione
X	=	Coordinata progressiva rispetto al nodo iniziale
N	=	Sforzo normale
Ty	=	Taglio in dir. Y
Mz	=	Momento flettente intorno all'asse Z
Tz	=	Taglio in dir. Z
My	=	Momento flettente intorno all'asse Y
α_y	=	Fattore di amplificazione momenti My per gerarchia delle resistenze
My ver.	=	Momento flettente di verifica intorno all'asse Y
c	=	Ricoprimento dell'armatura
s	=	Distanza minima tra le barre
K3	=	Coefficiente di forma del diagramma delle tensioni prima della fessurazione
s_{mm}	=	Distanza media tra le fessure
Φ	=	Diametro della barra
A_s	=	Area complessiva dei ferri nell'area di calcestruzzo efficace
$A_{c,eff}$	=	Area di calcestruzzo efficace
σ_s	=	Tensione nell'acciaio nella sezione fessurata
σ_{sr}	=	Tensione nell'acciaio corrispondente al raggiungimento della resistenza a trazione nel calcestruzzo
ϵ_{sm}	=	Deformazione unitaria media dell'armatura (*1000)
Wk	=	Apertura delle fessure
Mz ver.	=	Momento flettente di verifica intorno all'asse Z
Nu	=	Sforzo normale ultimo
M1Rdy	=	Momento resistente (ridotto per stabilità) intorno all'asse Y
M1Rdz	=	Momento resistente (ridotto per stabilità) intorno all'asse Z
α	=	Angolo asse neutro a rottura
ϵ_y	=	Deformazione nell'acciaio (*1000)
Sic.	=	Sicurezza a rottura
l_0	=	Lunghezza libera di inflessione
λ	=	Snellezza massima
λ^*	=	Snellezza limite
α_z	=	Fattore di amplificazione momenti Mz per gerarchia delle resistenze
Myu	=	Momento ultimo intorno all'asse Y
Mzu	=	Momento ultimo intorno all'asse Z
AfT	=	Area di ferro tesa
AfC	=	Area di ferro compressa
σ_c	=	Tensione nel calcestruzzo
σ_f	=	Tensione nel ferro
X0	=	Coordinata progressiva (dal nodo iniziale) dell'inizio del tratto di progettazione
X1	=	Coordinata progressiva (dal nodo iniziale) della fine del tratto di progettazione
Staff.	=	Staffatura adottata
bw_y	=	Larghezza membratura resistente al taglio in dir Y
$Vsd_{y,y}$	=	Taglio agente in dir Y
$ctg\theta_{y,y}$	=	Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo in dir. Y
$VRsd_{y,y}$	=	Taglio ultimo lato armatura in dir. Y
$VRcd_{y,y}$	=	Taglio ultimo lato calcestruzzo in dir. Y
bw_z	=	Larghezza membratura resistente al taglio in dir Z
$Vsd_{z,z}$	=	Taglio agente in dir Z
$ctg\theta_{z,z}$	=	Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo in dir. z
$VRsd_{z,z}$	=	Taglio ultimo lato armatura in dir. Z
$VRcd_{z,z}$	=	Taglio ultimo lato calcestruzzo in dir. Z

Pilastrata n. 1

Stato Limite Ultimo - Ferri longitudinali - Verifiche armatura esistente

Xg	CC	TCC	EI	Sez.	X	N	My	α_y	My ver.	Mz	α_z	Mz ver.	Nu	Myu	Mzu	α	ϵ_y
<cm>					<cm>	<kg>	<kgm>		<kgm>	<kgm>		<kgm>	<kg>	<kgm>	<kgm>	<grad>	

0.00	20	SLD	1	1	0.00	-14712.80	5354.63		7347.50		-14726.80	25090.70	34227.00	85.43	10.15
6.90	8	SLD	1	1	690.00	-7535.29	-10035.90		10317.00		-7535.29	-32593.00	32492.30	96.33	9.37

Stato Limite Ultimo - Ferri longitudinali - Verifiche armatura esistente - controlli di stabilità

Xg	CC	TCC	EI	Sez.	X	N	My	My ver.	Mz	Mz ver.	Nu	M1Rdy	M1Rdz	α	εr	Sic.
<m>					<cm>	<kg>	<kgm>	<kgm>	<kgm>	<kgm>	<kg>	<kgm>	<kgm>	<grad>		
0.00	19	SLV	1	1	0.00	-14420.70	5354.81		7959.25		-14420.80	18513.80	27863.50	85.43	9.08	3.499
6.90	7	SLV	1	1	690.00	-7243.39	-10248.50		10817.50		-7243.38	-25875.70	27183.60	96.68	8.29	2.514

Dati per verifiche di stabilità

Xg	EI	l ₀	λ	λ*
<m>	<m>			
0.00	1	6.90	59.76	58.73
6.90	1	6.90	59.76	58.73

Stato Limite Esercizio - Ferri longitudinali - Verifiche armatura esistente

Xg	CC	TCC	EI	Sez.	X	N	Ty	Mz	Tz	My	AfT	AfC	σ _c	σ _r
<m>					<cm>	<kg>	<kg>	<kgm>	<kg>	<kgm>	<cmq>	<cmq>	<kg/cmq>	<kg/cmq>
0.00	31	SLE R	1	1	0.00	-19933.60	869.46	530.76	-1684.61	2372.00	0.00	44.74	8.73	120.90
0.00	39	SLE Q	1	1	0.00	-18658.10	749.84	647.75	-1450.51	1903.92	0.00	44.74	8.25	
6.90	32	SLE R	1	1	690.00	-13528.60	445.85	5040.73	-895.87	-6372.29	24.38	20.36	40.41	747.32
6.90	40	SLE Q	1	1	690.00	-12253.20	326.23	4332.35	-661.77	-5225.08	24.38	20.36	34.05	

Verifiche stato limite di formazione delle fessure

Xg	CC	TCC	EI	Sez.	X	N	My	Mz	c	s	K3	S _m	Φ	A _s	A _{c eff}	σ _s	σ _{sr}	ε _{sm}	Wk
<m>					<cm>	<kg>	<kgm>	<kgm>	<mm>	<mm>		<mm>		<cmq>	<cmq>	<kg/cmq>	<kg/cm>		<mm>
6.90	40	SLE Q	1	1	690.00	-12253.20	-5225.08	4332.35	39.00	130.30	0.13	187.01	20.00	22.37	1855.43	268.12	491.68	0.05	0.02
6.90	36	SLE F	1	1	690.00	-12508.30	-5454.52	4474.03	39.00	130.30	0.13	187.01	20.00	22.37	1855.43	277.72	490.27	0.05	0.02

Staffe - Verifiche armatura esistente

X0	X1	Staff.	CC	bw _y	Vsdu _y	ctgθ _y	VRsd _y	VRcd _y	bw _z	Vsdu _z	ctgθ _z	VRsd _z	VRcd _z
<m>	<m>			<m>	<kg>		<kg>	<kg>	<m>	<kg>		<kg>	<kg>
0.00	1.15 ø8/ 5 2 br.		16	1.00	1890.90	2.50	62134.70	78886.90	0.40	24961.60	1.64	110277.00	110277.00
0.00	1.15 ø8/ 5 2 br.		10	1.00	9766.24	2.50	62134.70	78722.40	0.40	2538.54	1.64	110119.00	110119.00
0.00	1.15 ø8/ 5 2 br.		8	1.00	11314.40	2.50	71454.90	117452.00	0.40	4297.58	1.94	150297.00	150297.00
1.15	5.75 ø8/15 2 br.		16	1.00	1890.90	2.50	20711.60	78886.90	0.40	24961.60	2.50	56116.00	85494.50
1.15	5.75 ø8/15 2 br.		17	1.00	2553.87	2.50	23818.30	117328.00	0.40	29060.40	2.50	64533.30	127155.00
1.15	5.75 ø8/15 2 br.		10	1.00	9766.24	2.50	20711.60	78722.40	0.40	2538.54	2.50	56116.00	85316.30
1.15	5.75 ø8/15 2 br.		8	1.00	11314.40	2.50	23818.30	117452.00	0.40	4297.58	2.50	64533.30	127290.00
5.75	6.90 ø8/ 5 2 br.		16	1.00	1890.90	2.50	62134.70	78886.90	0.40	24961.60	1.64	110277.00	110277.00
5.75	6.90 ø8/ 5 2 br.		10	1.00	9766.24	2.50	62134.70	78722.40	0.40	2538.54	1.64	110119.00	110119.00
5.75	6.90 ø8/ 5 2 br.		8	1.00	11314.40	2.50	71454.90	117452.00	0.40	4297.58	1.94	150297.00	150297.00

Pilastrata n. 2

Stato Limite Ultimo - Ferri longitudinali - Verifiche armatura esistente

Xg	CC	TCC	EI	Sez.	X	N	My	α _r	My ver.	Mz	α _c	Mz ver.	Nu	Myu	Mzu	α	ε _r	Sic.
<m>					<cm>	<kg>	<kgm>		<kgm>	<kgm>	<grad>	<kgm>	<kg>	<kgm>	<kgm>	<grad>		
0.00	7	SLV	1	1	0.00	-24382.80	4750.48		-7845.79				-24382.80	18424.70	-30976.70	274.22	8.77	3.944
6.90	28	SLU	1	1	690.00	-27419.80	-6637.46		23576.00				-27424.80	-9400.80	32084.70	92.11	10.16	1.361
0.00	8	SLD	1	1	0.00	-24449.00	4765.41		-7440.29				-24455.60	23392.60	-35753.00	274.22	9.95	4.810
6.90	8	SLD	1	1	690.00	-17549.00	-8586.96		19993.40				-17549.00	-15894.10	35363.20	92.81	11.47	1.769

Stato Limite Esercizio - Ferri longitudinali - Verifiche armatura esistente

Xg	CC	TCC	EI	Sez.	X	N	Ty	Mz	Tz	My	AfT	AfC	σ _c	σ _r
<m>					<cm>	<kg>	<kg>	<kgm>	<kg>	<kgm>	<cmq>	<cmq>	<kg/cmq>	<kg/cmq>
0.00	32	SLE R	1	1	0.00	-27570.10	3065.91	-3213.34	-1157.81	2745.65	17.22	27.52	20.99	265.41
0.00	40	SLE Q	1	1	0.00	-25211.80	2640.04	-2652.04	-1009.82	2402.29	15.21	29.53	17.60	
6.90	30	SLE R	1	1	690.00	-20621.30	2946.76	17543.90	-1464.02	-6577.30	26.39	18.35	103.76	2554.49
6.90	32	SLE R	1	1	690.00	-20670.10	3065.91	17941.50	-1157.81	-5243.21	26.39	18.35	102.21	2564.28
6.90	38	SLE Q	1	1	690.00	-18263.00	2520.88	15166.60	-1316.03	-5899.57	24.38	20.36	90.27	

Verifiche stato limite di formazione delle fessure

Xg	CC	TCC	EI	Sez.	X	N	My	Mz	c	s	K3	srm	As	Ac eff	s	sr	sm	Wk	
<m>					<cm>	<kg>	<kgm>	<kgm>	<mm>	<mm>		<mm>	<cmq>	<cmq>	<kg/c	<kg/c		<mm>	
0.00	38	SLE Q	1	1	0.00	-25163.00	3181.07	-2227.45	39.00	101.35	0.13	166.53	16.00	11.18	954.26	12.70	75.48	0.00	0.00
0.00	34	SLE F	1	1	0.00	-25634.60	3249.74	-2339.71	39.00	101.35	0.13	166.53	16.00	11.18	954.26	15.73	88.02	0.00	0.00
6.90	40	SLE Q	1	1	690.00	-18311.80	-4565.48	15564.20	39.00	101.35	0.13	162.62	16.00	24.38	1960.83	959.8	607.8	0.37	0.10
6.90	36	SLE F	1	1	690.00	-18783.50	-4701.02	16039.70	39.00	101.35	0.13	162.62	16.00	24.38	1960.83	990.6	608.5	0.39	0.11

Staffe - Verifiche armatura esistente

X0	X1	Staff.	CC	bw _y	Vsdu _y	ctgθ _y	VRsd _y	VRcd _y	bw _z	Vsdu _z	ctgθ _z	VRsd _z	VRcd _z
<m>	<m>			<m>	<kg>		<kg>	<kg>	<m>	<kg>		<kg>	<kg>
0.00	1.15 ø8/ 5 2 br.		13	1.00	4384.99	2.50	62134.70	79369.50	0.40	19311.20	1.64	110740.00	110740.00
0.00	1.15 ø8/ 5 2 br.		10	1.00	9982.67	2.50	62134.70	79427.10	0.40	3295.03	1.65	110795.00	110795.00
0.00	1.15 ø8/ 5 2 br.		11	1.00	11515.60	2.50	71454.90	117846.00	0.40	4303.33	1.94	150616.00	150616.00

1.15	5.75	ø8/15 2 br.	13	1.00	4384.99	2.50	20711.60	79369.50	0.40	19311.20	2.50	56116.00	86017.60
1.15	5.75	ø8/15 2 br.	14	1.00	5829.17	2.50	23818.30	117792.00	0.40	22312.90	2.50	64533.30	127659.00
1.15	5.75	ø8/15 2 br.	10	1.00	9982.67	2.50	20711.60	79427.10	0.40	3295.03	2.50	56116.00	86079.90
1.15	5.75	ø8/15 2 br.	11	1.00	11515.60	2.50	23818.30	117846.00	0.40	4303.33	2.50	64533.30	127717.00
5.75	6.90	ø8/ 5 2 br.	13	1.00	4384.99	2.50	62134.70	79369.50	0.40	19311.20	1.64	110740.00	110740.00
5.75	6.90	ø8/ 5 2 br.	10	1.00	9982.67	2.50	62134.70	79427.10	0.40	3295.03	1.65	110795.00	110795.00
5.75	6.90	ø8/ 5 2 br.	11	1.00	11515.60	2.50	71454.90	117846.00	0.40	4303.33	1.94	150616.00	150616.00

Pilastrata n. 3

Stato Limite Ultimo - Ferri longitudinali - Verifiche armatura esistente

Xg	CC	TCC	EI	Sez.	X	N	My	α _r	My ver.	Mz	α _r	Mz ver.	Nu	Myu	Mzu	α	ε _r	Sic.
<m>					<cm>	<kg>	<kgm>		<kgm>	<kgm>		<kgm>	<kg>	<kgm>	<kgm>	<grad>		
0.00	8	SLD	1	1	0.00	-26382.00	-3491.08			-7770.13			-26382.80	-15890.40	-36620.90	267.19	11.03	4.707
6.90	8	SLD	1	1	690.00	-19482.00	-5583.20			22639.80			-19483.40	-8443.78	35821.10	91.41	13.21	1.582

Stato Limite Ultimo - Ferri longitudinali - Verifiche armatura esistente - controlli di stabilità

Xg	CC	TCC	EI	Sez.	X	N	My	My ver.	Mz	Mz ver.	Nu	M1Rdy	M1Rdz	α	ε _r	Sic.	
<m>					<cm>	<kg>	<kgm>	<kgm>	<kgm>	<kgm>	<kg>	<kgm>	<kgm>	<grad>			
0.00	7	SLV	1	1	0.00	-26330.50	-3595.66			-8127.99		-26330.50	-12273.90	-28479.00	266.84	9.36	3.504
6.90	28	SLU	1	1	690.00	-30151.40	-2309.40			27861.50		-30151.50	-2267.26	28816.00	90.53	12.04	1.034

Dati per verifiche di stabilità

Xg	EI	l ₀	λ	λ*
<m>	<m>			
0.00	1	6.90	59.76	53.73
6.90	1	6.90	59.76	53.73

Stato Limite Esercizio - Ferri longitudinali - Verifiche armatura esistente

Xg	CC	TCC	EI	Sez.	X	N	Ty	Mz	Tz	My	AfT	AfC	σ _c	σ _f
<m>					<cm>	<kg>	<kg>	<kgm>	<kg>	<kgm>	<cmq>	<cmq>	<kg/cmq>	<kg/cmq>
0.00	32	SLE R	1	1	0.00	-29696.50	3922.56	-4080.35	-741.47	1357.68	20.36	24.38	22.97	281.98
0.00	40	SLE Q	1	1	0.00	-27012.80	3425.16	-3444.22	-704.55	1263.47	20.36	24.38	19.60	
6.90	30	SLE R	1	1	690.00	-22747.10	3268.16	20739.60	-518.28	-3275.07	26.39	18.35	110.72	2883.76
6.90	32	SLE R	1	1	690.00	-22796.50	3381.60	21119.00	-200.51	-1892.17	26.39	18.35	108.86	2895.49
6.90	38	SLE Q	1	1	690.00	-20063.40	2770.76	17943.60	-481.36	-3114.53	26.39	18.35	96.57	

Verifiche stato limite di formazione delle fessure

Xg	CC	TCC	EI	Sez.	X	N	My	Mz	c	s	K3	S _{rm}	Φ	A _s	A _{c eff}	σ _s	σ _{sr}	ε _{sm}	Wk
<m>					<cm>	<kg>	<kgm>	<kgm>	<mm>	<mm>		<mm>		<cmq>	<cmq>	<kg/cmq>	<kg/cmq>		<mm>
0.00	40	SLE Q	1	1	0.00	-27012.80	1263.47	-3444.22	39.00	130.30	0.13	191.11	20.00	18.35	1597.07	105.03	527.03	0.02	0.01
0.00	36	SLE F	1	1	0.00	-27549.50	1282.31	-3571.45	39.00	130.30	0.13	191.11	20.00	18.35	1597.07	112.82	540.41	0.02	0.01
6.90	40	SLE Q	1	1	690.00	-20112.80	-1731.63	18323.10	39.00	101.35	0.13	162.62	16.00	24.38	1960.83	1282.31	743.05	0.52	0.14
6.90	36	SLE F	1	1	690.00	-20649.50	-1763.74	18882.20	39.00	101.35	0.13	162.62	16.00	24.38	1960.83	1323.41	744.27	0.54	0.15

Staffe - Verifiche armatura esistente

X0	X1	Staff.	CC	bw,y	Vsdu,y	ctgθ,y	VRsd,y	VRcd,y	bw,z	Vsdu,z	ctgθ,z	VRsd,z	VRcd,z
<m>	<m>			<mm>	<kg>		<kg>	<kg>	<mm>	<kg>		<kg>	<kg>
0.00	1.15	ø8/ 5 2 br.	13	1.00	6083.52	2.50	62134.70	79608.50	0.40	17461.40	1.65	110968.00	110968.00
0.00	1.15	ø8/ 5 2 br.	10	1.00	10043.80	2.50	62134.70	79676.90	0.40	3640.81	1.65	111033.00	111033.00
0.00	1.15	ø8/ 5 2 br.	11	1.00	11607.40	2.50	71454.90	118090.00	0.40	4178.94	1.95	150813.00	150813.00
1.15	5.75	ø8/15 2 br.	13	1.00	6083.52	2.50	20711.60	79608.50	0.40	17461.40	2.50	56116.00	86276.50
1.15	5.75	ø8/15 2 br.	14	1.00	7328.84	2.50	23818.30	118032.00	0.40	20570.20	2.50	64533.30	127918.00
1.15	5.75	ø8/15 2 br.	10	1.00	10043.80	2.50	20711.60	79676.90	0.40	3640.81	2.50	56116.00	86350.70
1.15	5.75	ø8/15 2 br.	11	1.00	11607.40	2.50	23818.30	118090.00	0.40	4178.94	2.50	64533.30	127981.00
5.75	6.90	ø8/ 5 2 br.	13	1.00	6083.52	2.50	62134.70	79608.50	0.40	17461.40	1.65	110968.00	110968.00
5.75	6.90	ø8/ 5 2 br.	10	1.00	10043.80	2.50	62134.70	79676.90	0.40	3640.81	1.65	111033.00	111033.00
5.75	6.90	ø8/ 5 2 br.	11	1.00	11607.40	2.50	71454.90	118090.00	0.40	4178.94	1.95	150813.00	150813.00

Pilastrata n. 4

Stato Limite Ultimo - Ferri longitudinali - Verifiche armatura esistente

Xg	CC	TCC	EI	Sez.	X	N	My	α _r	My ver.	Mz	α _r	Mz ver.	Nu	Myu	Mzu	α	ε _r	Sic.
<m>					<cm>	<kg>	<kgm>		<kgm>	<kgm>		<kgm>	<kg>	<kgm>	<kgm>	<grad>		
0.00	19	SLV	1	1	0.00	-26553.50	4628.62			-7805.76			-26553.50	18391.10	-31268.30	274.22	8.67	4.004
6.90	28	SLU	1	1	690.00	-30484.30	-1026.70			28264.20			-30489.90	-771.59	32536.10	90.26	12.14	1.152
0.00	20	SLD	1	1	0.00	-26606.70	4684.13			-7415.75			-26607.80	23401.50	-36054.10	274.22	9.87	4.868
6.90	20	SLD	1	1	690.00	-19706.70	-7983.60			22702.60			-19706.70	-12317.90	35775.80	92.11	12.24	1.576

Stato Limite Esercizio - Ferri longitudinali - Verifiche armatura esistente

Xg	CC	TCC	EI	Sez.	X	N	Ty	Mz	Tz	My	AfT	AfC	σ _c	σ _f
<m>					<cm>	<kg>	<kg>	<kgm>	<kg>	<kgm>	<cmq>	<cmq>	<kg/cmq>	<kg/cmq>
0.00	32	SLE R	1	1	0.00	-29950.80	3652.71	-3732.15	-227.87	599.80	18.35	26.39	19.99	247.95
0.00	40	SLE Q	1	1	0.00	-27239.70	3154.70	-3107.34	-225.68	594.24	18.35	26.39	16.93	
6.90	30	SLE R	1	1	690.00	-23004.00	3540.33	21095.60	-546.78	-2360.47	26.39	18.35	110.02	2899.79
6.90	32	SLE R	1	1	690.00	-23050.80	3652.71	21471.60	-227.87	-972.50	26.39	18.35	108.11	2921.40
6.90	38	SLE Q	1	1	690.00	-20292.90	3042.32	18284.10	-544.60	-2350.94	26.39	18.35	96.20	

1.15	5.75	ø8/15 2 br.	5	1.00	6634.19	2.50	23818.30	118029.00	0.40	21125.80	2.50	64533.30	127915.00
1.15	5.75	ø8/15 2 br.	10	1.00	10053.90	2.50	20711.60	79673.10	0.40	3524.58	2.50	56116.00	86346.50
1.15	5.75	ø8/15 2 br.	23	1.00	11607.30	2.50	23818.30	118090.00	0.40	4178.95	2.50	64533.30	127981.00
5.75	6.90	ø8/ 5 2 br.	1	1.00	5533.01	2.50	62134.70	79608.20	0.40	17900.50	1.65	110967.00	110967.00
5.75	6.90	ø8/ 5 2 br.	10	1.00	10053.90	2.50	62134.70	79673.10	0.40	3524.58	1.65	11029.00	111029.00
5.75	6.90	ø8/ 5 2 br.	23	1.00	11607.30	2.50	71454.90	118090.00	0.40	4178.95	1.95	150813.00	150813.00

Pilastrata n. 15

Stato Limite Ultimo - Ferri longitudinali - Verifiche armatura esistente

Xg	CC	TCC	EI	Sez.	X	N	My	αy	My ver.	Mz	αz	Mz ver.	Nu	Myu	Mzu	α	εv	Sic.
<m>					<cm>	<kg>	<kgm>		<kgm>	<kgm>		<kgm>	<kg>	<kgm>	<kgm>	<grad>		
0.00	7	SLV	1	1	0.00	-26537.40	4633.07			7685.42			-26537.40	18391.40	31266.10	85.78	8.67	4.062
6.90	27	SLU	1	1	690.00	-30424.20	-1055.02			-27799.80			-30430.30	-771.83	-32527.70	269.74	12.14	1.171
0.00	8	SLD	1	1	0.00	-26582.50	4690.80			7235.48			-26583.60	23401.40	36050.80	85.78	9.87	4.983
6.90	8	SLD	1	1	690.00	-19682.50	-7995.01			-22515.50			-19682.50	-12318.50	-35772.20	267.89	12.24	1.588

Stato Limite Esercizio - Ferri longitudinali - Verifiche armatura esistente

Xg	CC	TCC	EI	Sez.	X	N	Ty	Mz	Tz	My	AfT	AfC	σc	σf
<m>					<cm>	<kg>	<kg>	<kgm>	<kg>	<kgm>	<cmq>	<cmq>	<kg/cmq>	<kg/cmq>
0.00	31	SLE R	1	1	0.00	-29890.70	-3520.55	3284.68	-234.37	616.35	18.35	26.39	17.96	226.97
0.00	39	SLE Q	1	1	0.00	-27179.60	-3022.54	2659.87	-232.19	610.79	18.35	26.39	15.03	
6.90	30	SLE R	1	1	690.00	-22943.90	-3408.16	-20631.10	-553.29	-2388.79	26.39	18.35	107.84	2829.07
6.90	31	SLE R	1	1	690.00	-22990.70	-3520.55	-21007.10	-234.37	-1000.82	26.39	18.35	105.94	2849.83
6.90	38	SLE Q	1	1	690.00	-20232.90	-2910.15	-17819.60	-551.10	-2379.26	26.39	18.35	94.02	

Verifiche stato limite di formazione delle fessure

Xg	CC	TCC	EI	Sez.	X	N	My	Mz	c	s	K3	sm	Φ	As	Ac eff	σs	σsr	εsm	Wk
<m>					<cm>	<kg>	<kgm>	<kgm>	<mm>	<mm>		<mm>		<cmq>	<cmq>	<kg/cmq>	<kg/cmq>		<mm>
0.00	39	SLE Q	1	1	0.00	-27179.60	610.79	2659.87	39.00	128.29	0.13	178.96	16.00	15.21	1431.31	6.31	66.07	0.00	0.00
0.00	35	SLE F	1	1	0.00	-27721.80	611.90	2784.83	39.00	130.30	0.13	191.10	20.00	18.35	1596.90	29.85	287.05	0.01	0.00
6.90	39	SLE Q	1	1	690.00	-20279.60	-991.29	-18195.60	39.00	101.35	0.13	162.64	16.00	24.38	1961.43	1295.04	769.51	0.52	0.14
6.90	35	SLE F	1	1	690.00	-20821.80	-993.20	-18757.90	39.00	101.35	0.13	162.64	16.00	24.38	1961.43	1337.45	771.13	0.54	0.15

Staffe - Verifiche armatura esistente

X0	X1	Staff.	CC	bw,y	Vsdu,y	ctgθ,y	VRsd,y	VRcd,y	bw,z	Vsdu,z	ctgθ,z	VRsd,z	VRcd,z
<m>	<m>			<mm>	<kg>		<kg>	<kg>	<mm>	<kg>		<kg>	<kg>
0.00	1.15	ø8/ 5 2 br.	1	1.00	5813.23	2.50	62134.70	79633.90	0.40	17695.40	1.65	110992.00	110992.00
0.00	1.15	ø8/ 5 2 br.	22	1.00	10039.80	2.50	62134.70	79692.90	0.40	3752.76	1.65	111048.00	111048.00
0.00	1.15	ø8/ 5 2 br.	23	1.00	11609.00	2.50	71454.90	118115.00	0.40	4456.97	1.95	150833.00	150833.00
1.15	5.75	ø8/15 2 br.	1	1.00	5813.23	2.50	20711.60	79633.90	0.40	17695.40	2.50	56116.00	86304.10
1.15	5.75	ø8/15 2 br.	14	1.00	6703.00	2.50	23818.30	118057.00	0.40	20537.50	2.50	64533.30	127946.00
1.15	5.75	ø8/15 2 br.	22	1.00	10039.80	2.50	20711.60	79692.90	0.40	3752.76	2.50	56116.00	86368.00
1.15	5.75	ø8/15 2 br.	23	1.00	11609.00	2.50	23818.30	118115.00	0.40	4456.97	2.50	64533.30	128008.00
5.75	6.90	ø8/ 5 2 br.	1	1.00	5813.23	2.50	62134.70	79633.90	0.40	17695.40	1.65	110992.00	110992.00
5.75	6.90	ø8/ 5 2 br.	22	1.00	10039.80	2.50	62134.70	79692.90	0.40	3752.76	1.65	111048.00	111048.00
5.75	6.90	ø8/ 5 2 br.	23	1.00	11609.00	2.50	71454.90	118115.00	0.40	4456.97	1.95	150833.00	150833.00

Pilastrata n. 16

Stato Limite Ultimo - Ferri longitudinali - Verifiche armatura esistente

Xg	CC	TCC	EI	Sez.	X	N	My	αy	My ver.	Mz	αz	Mz ver.	Nu	Myu	Mzu	α	εv	Sic.
<m>					<cm>	<kg>	<kgm>		<kgm>	<kgm>		<kgm>	<kg>	<kgm>	<kgm>	<grad>		
0.00	8	SLD	1	1	0.00	-26366.50	4081.49			7308.68			-26366.50	19815.40	36324.00	86.48	10.42	4.965
6.90	8	SLD	1	1	690.00	-19466.50	-6782.45			-22548.60			-19466.50	-10714.40	-35808.70	268.24	12.77	1.588

Stato Limite Ultimo - Ferri longitudinali - Verifiche armatura esistente - controlli di stabilità

Xg	CC	TCC	EI	Sez.	X	N	My	My ver.	Mz	Mz ver.	Nu	M1Rdy	M1Rdz	α	εv	Sic.		
<m>					<cm>	<kg>	<kgm>	<kgm>	<kgm>	<kgm>	<kg>	<kgm>	<kgm>	<grad>				
0.00	7	SLV	1	1	0.00	-26315.70	4006.31			7792.79			-26315.70	13643.00	28501.40	86.48	9.15	3.650
6.90	27	SLU	1	1	690.00	-30128.00	705.97			-27795.70			-30128.30	236.86	-28671.10	270.18	12.42	1.032

Dati per verifiche di stabilità

Xg	EI	lo	λ	λ*
<m>	<cm>	<cm>		
0.00	1	6.90	59.76	44.05
6.90	1	6.90	59.76	44.05

Stato Limite Esercizio - Ferri longitudinali - Verifiche armatura esistente

Xg	CC	TCC	EI	Sez.	X	N	Ty	Mz	Tz	My	AfT	AfC	σc	σf
<m>					<cm>	<kg>	<kg>	<kgm>	<kg>	<kgm>	<cmq>	<cmq>	<kg/cmq>	<kg/cmq>
0.00	31	SLE R	1	1	0.00	-29677.60	-3230.30	3103.42	-221.31	42.94	18.35	26.39	16.32	208.13
0.00	39	SLE Q	1	1	0.00	-26995.10	-2732.77	2466.81	-254.40	127.26	18.35	26.39	13.57	
6.90	29	SLE R	1	1	690.00	-22727.90	-3658.64	-20675.30	628.27	1725.23	26.39	18.35	106.26	2822.19
6.90	31	SLE R	1	1	690.00	-22777.60	-3771.26	-21052.00	319.65	382.19	26.39	18.35	104.47	2845.39
6.90	37	SLE Q	1	1	690.00	-20045.50	-3161.11	-17879.00	595.19	1581.26	26.39	18.35	92.16	

Verifiche stato limite di formazione delle fessure

Xg	CC	TCC	EI	Sez.	X	N	My	Mz	c	s	K3	sm	Φ	As	Ac eff	σs	σsr	εsm	Wk
<m>					<cm>	<kg>	<kgm>	<kgm>	<mm>	<mm>		<mm>		<cmq>	<cmq>	<kg/cmq>	<kg/cmq>		<mm>
0.00	39	SLE Q	1	1	0.00	-26995.10	127.26	2466.81	39.00	128.29	0.13	178.96	16.00	15.21	1431.31	2.22	37.80	0.00	0.00
0.00	35	SLE F	1	1	0.00	-27531.60	110.40	2594.13	39.00	130.30	0.13	191.10	20.00	18.35	1596.90	9.18	137.35	0.00	0.00

Staffe - Verifiche armatura esistente

X0	X1	Staff.	CC	bw _y	Vsdu _y	ctgθ _y	VRsd _y	VRcd _y	bw _z	Vsdu _z	ctgθ _z	VRsd _z	VRcd _z
<m>	<m>			<m>	<kg>		<kg>	<kg>	<m>	<kg>		<kg>	<kg>
0.00	1.15	ø8/ 5 2 br.	16	1.00	1894.52	2.50	62134.70	78743.00	0.40	24857.10	1.64	110139.00	110139.00
0.00	1.15	ø8/ 5 2 br.	7	1.00	9779.80	2.50	62134.70	78917.60	0.40	3128.33	1.64	110307.00	110307.00
0.00	1.15	ø8/ 5 2 br.	8	1.00	11321.10	2.50	71454.90	117304.00	0.40	3444.39	1.94	150177.00	150177.00
1.15	5.75	ø8/15 2 br.	16	1.00	1894.52	2.50	20711.60	78743.00	0.40	24857.10	2.50	56116.00	85338.60
1.15	5.75	ø8/15 2 br.	17	1.00	3191.17	2.50	23818.30	117175.00	0.40	28598.00	2.50	64533.30	126990.00
1.15	5.75	ø8/15 2 br.	7	1.00	9779.80	2.50	20711.60	78917.60	0.40	3128.33	2.50	56116.00	85527.80
1.15	5.75	ø8/15 2 br.	8	1.00	11321.10	2.50	23818.30	117304.00	0.40	3444.39	2.50	64533.30	127129.00
5.75	6.90	ø8/ 5 2 br.	16	1.00	1894.52	2.50	62134.70	78743.00	0.40	24857.10	1.64	110139.00	110139.00
5.75	6.90	ø8/ 5 2 br.	7	1.00	9779.80	2.50	62134.70	78917.60	0.40	3128.33	1.64	110307.00	110307.00
5.75	6.90	ø8/ 5 2 br.	8	1.00	11321.10	2.50	71454.90	117304.00	0.40	3444.39	1.94	150177.00	150177.00

Verifiche e armature solette/platee

Simbologia

- Nodo = Numero del nodo
- X = Coordinata X del nodo
- Y = Coordinata Y del nodo
- DV = Direzione di verifica
- XX = Verifica per momento Mxx
- YY = Verifica per momento Myy
- CC = Numero della combinazione delle condizioni di carico elementari
- TCC = Tipo di combinazione di carico
- SLU = Stato limite ultimo
- SLU S = Stato limite ultimo (azione sismica)
- SLE R = Stato limite d'esercizio, combinazione rara
- SLE F = Stato limite d'esercizio, combinazione frequente
- SLE Q = Stato limite d'esercizio, combinazione quasi permanente
- SLD = Stato limite di danno
- SLV = Stato limite di salvaguardia della vita
- SLC = Stato limite di prevenzione del collasso
- SLO = Stato limite di operatività
- c = Ricoprimento dell'armatura
- s = Distanza minima tra le barre
- K3 = Coefficiente di forma del diagramma delle tensioni prima della fessurazione
- s_{sm} = Distanza media tra le fessure
- Φ = Diametro della barra
- A_s = Area complessiva dei ferri nell'area di calcestruzzo efficace
- A_{ce eff} = Area di calcestruzzo efficace
- σ_s = Tensione nell'acciaio nella sezione fessurata
- σ_{sr} = Tensione nell'acciaio corrispondente al raggiungimento della resistenza a trazione nel calcestruzzo
- ε_{sm} = Deformazione unitaria media dell'armatura (*1000)
- Wk = Apertura delle fessure
- AfE S = Area di ferro effettiva totale presente nel punto di verifica, superiore
- AfE I = Area di ferro effettiva totale presente nel punto di verifica, inferiore
- Mom = Momento flettente
- Mu = Momento ultimo
- Sic. = Sicurezza a rottura
- Vsdu = Taglio agente nella direzione del momento ultimo
- Vrdu = Taglio ultimo assorbibile dal solo calcestruzzo
- σ_c = Tensione nel calcestruzzo
- σ_t = Tensione nel ferro
- Pil = Numero del pilastro
- P_{sd} = Sollecitazione di punzonamento
- Pv = Perimetro di verifica per punzonamento
- Ab = Area di base della superficie di punzonamento
- σ_t = Tensione sul terreno
- Af punz. = Area di ferro resistente a punzonamento
- P_{rd} = Resistenza al punzonamento

Armatura platea a quota 0.00

Stato Limite Ultimo - Ferri longitudinali - Verifiche armatura esistente

Nodo	X	Y	DV	CC	TCC	AfE S	AfE I	Mom	Mu	Sic.
	<m>	<m>				<cmq>	<cmq>	<kgm>	<kgm>	
-387	0.75	15.55	XX	1	SLV	13.40	13.40	5445.43	18418.50	3.382
-387	0.75	15.55	XX	1	SLV	13.40	13.40	-3398.45	-18418.50	5.420
-387	0.75	15.55	XX	4	SLV	13.40	13.40	5405.81	18418.50	3.407
-387	0.75	15.55	XX	4	SLV	13.40	13.40	-3358.83	-18418.50	5.484
-387	0.75	15.55	XX	7	SLV	13.40	13.40	2410.16	18418.50	7.642
-387	0.75	15.55	XX	7	SLV	13.40	13.40	-363.18	-18418.50	50.714
-387	0.75	15.55	XX	10	SLV	13.40	13.40	-231.11	-18418.50	79.695
-387	0.75	15.55	XX	10	SLV	13.40	13.40	2278.10	18418.50	8.085
-387	0.75	15.55	XX	13	SLV	13.40	13.40	4604.00	18418.50	4.001
-387	0.75	15.55	XX	13	SLV	13.40	13.40	-4239.88	-18418.50	4.344
-387	0.75	15.55	XX	16	SLV	13.40	13.40	4564.38	18418.50	4.035
-387	0.75	15.55	XX	16	SLV	13.40	13.40	-4200.26	-18418.50	4.385
-387	0.75	15.55	XX	19	SLV	13.40	13.40	1568.73	18418.50	11.741
-387	0.75	15.55	XX	19	SLV	13.40	13.40	-1204.61	-18418.50	15.290
-387	0.75	15.55	XX	22	SLV	13.40	13.40	-1072.54	-18418.50	17.173
-387	0.75	15.55	XX	22	SLV	13.40	13.40	1436.67	18418.50	12.820
-387	0.75	15.55	XX	25	SLU	13.40	13.40	319.49	18418.50	57.649
-387	0.75	15.55	XX	26	SLU	13.40	13.40	926.24	18418.50	19.885
-387	0.75	15.55	XX	27	SLU	13.40	13.40	629.15	18418.50	29.275

-387	0.75	15.55 XX	28 SLU	13.40	13.40	616.58	18418.50	29.872
-388	1.75	15.55 XX	1 SLV	13.40	13.40	3218.15	18418.50	5.723
-388	1.75	15.55 XX	1 SLV	13.40	13.40	-8234.52	-18418.50	2.237
-388	1.75	15.55 XX	4 SLV	13.40	13.40	2539.76	18418.50	7.252
-388	1.75	15.55 XX	4 SLV	13.40	13.40	-7556.13	-18418.50	2.438
-388	1.75	15.55 XX	7 SLV	13.40	13.40	238.61	18418.50	77.192
-388	1.75	15.55 XX	7 SLV	13.40	13.40	-5254.98	-18418.50	3.505
-388	1.75	15.55 XX	10 SLV	13.40	13.40	-2993.68	-18418.50	6.152
-388	1.75	15.55 XX	10 SLV	13.40	13.40	-2022.69	-18418.50	9.106
-388	1.75	15.55 XX	13 SLV	13.40	13.40	4340.64	18418.50	4.243
-388	1.75	15.55 XX	13 SLV	13.40	13.40	-7112.03	-18418.50	2.590
-388	1.75	15.55 XX	16 SLV	13.40	13.40	3662.25	18418.50	5.029
-388	1.75	15.55 XX	16 SLV	13.40	13.40	-6433.64	-18418.50	2.863
-388	1.75	15.55 XX	19 SLV	13.40	13.40	1361.09	18418.50	13.532
-388	1.75	15.55 XX	19 SLV	13.40	13.40	-4132.49	-18418.50	4.457
-388	1.75	15.55 XX	22 SLV	13.40	13.40	-1871.19	-18418.50	9.843
-388	1.75	15.55 XX	22 SLV	13.40	13.40	-900.21	-18418.50	20.460
-388	1.75	15.55 XX	25 SLU	13.40	13.40	-2860.20	-18418.50	6.440
-388	1.75	15.55 XX	26 SLU	13.40	13.40	-3602.71	-18418.50	5.112
-388	1.75	15.55 XX	27 SLU	13.40	13.40	-3157.41	-18418.50	5.833
-388	1.75	15.55 XX	28 SLU	13.40	13.40	-3305.50	-18418.50	5.572
-387	0.75	15.55 XX	2 SLD	13.40	13.40	9399.31	21356.90	2.272
-387	0.75	15.55 XX	2 SLD	13.40	13.40	551.51	21356.90	38.725
-387	0.75	15.55 XX	5 SLD	13.40	13.40	5450.18	21356.90	3.919
-387	0.75	15.55 XX	5 SLD	13.40	13.40	-3321.98	-21356.90	6.429
-387	0.75	15.55 XX	8 SLD	13.40	13.40	2448.64	21356.90	8.722
-387	0.75	15.55 XX	8 SLD	13.40	13.40	-320.43	-21356.90	66.650
-387	0.75	15.55 XX	11 SLD	13.40	13.40	-194.36	-21356.90	109.885
-387	0.75	15.55 XX	11 SLD	13.40	13.40	2322.56	21356.90	9.195
-387	0.75	15.55 XX	14 SLD	13.40	13.40	4646.03	21356.90	4.597
-387	0.75	15.55 XX	14 SLD	13.40	13.40	-4201.78	-21356.90	5.083
-387	0.75	15.55 XX	17 SLD	13.40	13.40	4608.20	21356.90	4.635
-387	0.75	15.55 XX	17 SLD	13.40	13.40	-4163.95	-21356.90	5.129
-387	0.75	15.55 XX	20 SLD	13.40	13.40	1606.66	21356.90	13.293
-387	0.75	15.55 XX	20 SLD	13.40	13.40	-1162.41	-21356.90	18.373
-387	0.75	15.55 XX	23 SLD	13.40	13.40	-1036.33	-21356.90	20.608
-387	0.75	15.55 XX	23 SLD	13.40	13.40	1480.58	21356.90	14.425
-388	1.75	15.55 XX	2 SLD	13.40	13.40	4136.35	21356.90	5.163
-388	1.75	15.55 XX	2 SLD	13.40	13.40	-7269.36	-21356.90	2.938
-388	1.75	15.55 XX	5 SLD	13.40	13.40	2507.23	21356.90	8.518
-388	1.75	15.55 XX	5 SLD	13.40	13.40	-7649.62	-21356.90	2.792
-388	1.75	15.55 XX	8 SLD	13.40	13.40	86.72	21356.90	246.261
-388	1.75	15.55 XX	8 SLD	13.40	13.40	-5229.11	-21356.90	4.084
-388	1.75	15.55 XX	11 SLD	13.40	13.40	-3147.66	-21356.90	6.785
-388	1.75	15.55 XX	11 SLD	13.40	13.40	-1994.73	-21356.90	10.707
-388	1.75	15.55 XX	14 SLD	13.40	13.40	4254.88	21356.90	5.019
-388	1.75	15.55 XX	14 SLD	13.40	13.40	-7150.83	-21356.90	2.987
-388	1.75	15.55 XX	17 SLD	13.40	13.40	3630.45	21356.90	5.883
-388	1.75	15.55 XX	17 SLD	13.40	13.40	-6526.40	-21356.90	3.272
-388	1.75	15.55 XX	20 SLD	13.40	13.40	1209.94	21356.90	17.651
-388	1.75	15.55 XX	20 SLD	13.40	13.40	-4105.89	-21356.90	5.202
-388	1.75	15.55 XX	23 SLD	13.40	13.40	-2024.44	-21356.90	10.550
-388	1.75	15.55 XX	23 SLD	13.40	13.40	-871.51	-21356.90	24.506
-180	0.00	5.88 XX	1 SLV	13.40	13.40	3305.93	18418.50	5.571
-180	0.00	5.88 XX	1 SLV	13.40	13.40	621.79	18418.50	29.622
-180	0.00	5.88 XX	4 SLV	13.40	13.40	1999.90	18418.50	9.210
-180	0.00	5.88 XX	4 SLV	13.40	13.40	1927.82	18418.50	9.554
-180	0.00	5.88 XX	7 SLV	13.40	13.40	4347.29	18418.50	4.237
-180	0.00	5.88 XX	7 SLV	13.40	13.40	-419.57	-18418.50	43.899
-180	0.00	5.88 XX	10 SLV	13.40	13.40	3933.85	18418.50	4.682
-180	0.00	5.88 XX	10 SLV	13.40	13.40	-6.13	-18418.50	*****
-180	0.00	5.88 XX	13 SLV	13.40	13.40	2998.25	18418.50	6.143
-180	0.00	5.88 XX	13 SLV	13.40	13.40	314.11	18418.50	58.637
-180	0.00	5.88 XX	16 SLV	13.40	13.40	1692.23	18418.50	10.884
-180	0.00	5.88 XX	16 SLV	13.40	13.40	1620.14	18418.50	11.368
-180	0.00	5.88 XX	19 SLV	13.40	13.40	4039.61	18418.50	4.559
-180	0.00	5.88 XX	19 SLV	13.40	13.40	-727.25	-18418.50	25.326
-180	0.00	5.88 XX	22 SLV	13.40	13.40	3626.18	18418.50	5.079
-180	0.00	5.88 XX	22 SLV	13.40	13.40	-313.81	-18418.50	58.693
-180	0.00	5.88 XX	25 SLU	13.40	13.40	2376.63	18418.50	7.750
-180	0.00	5.88 XX	26 SLU	13.40	13.40	2341.34	18418.50	7.867
-180	0.00	5.88 XX	27 SLU	13.40	13.40	2209.98	18418.50	8.334
-180	0.00	5.88 XX	28 SLU	13.40	13.40	2507.98	18418.50	7.344
-260	1.25	9.13 XX	1 SLV	13.40	13.40	-706.96	-18418.50	26.053
-260	1.25	9.13 XX	1 SLV	13.40	13.40	-2891.98	-18418.50	6.369
-260	1.25	9.13 XX	4 SLV	13.40	13.40	-889.27	-18418.50	20.712
-260	1.25	9.13 XX	4 SLV	13.40	13.40	-2709.67	-18418.50	6.797
-260	1.25	9.13 XX	7 SLV	13.40	13.40	-1195.21	-18418.50	15.410
-260	1.25	9.13 XX	7 SLV	13.40	13.40	-2403.73	-18418.50	7.662
-260	1.25	9.13 XX	10 SLV	13.40	13.40	-1796.02	-18418.50	10.255
-260	1.25	9.13 XX	10 SLV	13.40	13.40	-1802.92	-18418.50	10.216

-260	1.25	9.13 XX	13 SLV	13.40	13.40	-639.75	-18418.50	28.790
-260	1.25	9.13 XX	13 SLV	13.40	13.40	-2824.78	-18418.50	6.520
-260	1.25	9.13 XX	16 SLV	13.40	13.40	-822.06	-18418.50	22.405
-260	1.25	9.13 XX	16 SLV	13.40	13.40	-2642.47	-18418.50	6.970
-260	1.25	9.13 XX	19 SLV	13.40	13.40	-1128.01	-18418.50	16.328
-260	1.25	9.13 XX	19 SLV	13.40	13.40	-2336.52	-18418.50	7.883
-260	1.25	9.13 XX	22 SLV	13.40	13.40	-1728.82	-18418.50	10.654
-260	1.25	9.13 XX	22 SLV	13.40	13.40	-1735.71	-18418.50	10.611
-260	1.25	9.13 XX	25 SLU	13.40	13.40	-2293.28	-18418.50	8.032
-260	1.25	9.13 XX	26 SLU	13.40	13.40	-2431.30	-18418.50	7.576
-260	1.25	9.13 XX	27 SLU	13.40	13.40	-2342.22	-18418.50	7.864
-260	1.25	9.13 XX	28 SLU	13.40	13.40	-2382.36	-18418.50	7.731
-180	0.00	5.88 XX	2 SLD	13.40	13.40	2981.58	21356.90	7.163
-180	0.00	5.88 XX	2 SLD	13.40	13.40	400.65	21356.90	53.306
-180	0.00	5.88 XX	5 SLD	13.40	13.40	2064.57	21356.90	10.345
-180	0.00	5.88 XX	5 SLD	13.40	13.40	1887.49	21356.90	11.315
-180	0.00	5.88 XX	8 SLD	13.40	13.40	4186.09	21356.90	5.102
-180	0.00	5.88 XX	8 SLD	13.40	13.40	-234.03	-21356.90	91.258
-180	0.00	5.88 XX	11 SLD	13.40	13.40	3772.39	21356.90	5.661
-180	0.00	5.88 XX	11 SLD	13.40	13.40	179.67	21356.90	118.865
-180	0.00	5.88 XX	14 SLD	13.40	13.40	2958.62	21356.90	7.219
-180	0.00	5.88 XX	14 SLD	13.40	13.40	377.69	21356.90	56.547
-180	0.00	5.88 XX	17 SLD	13.40	13.40	1756.70	21356.90	12.157
-180	0.00	5.88 XX	17 SLD	13.40	13.40	1579.61	21356.90	13.520
-180	0.00	5.88 XX	20 SLD	13.40	13.40	3878.22	21356.90	5.507
-180	0.00	5.88 XX	20 SLD	13.40	13.40	-541.91	-21356.90	39.411
-180	0.00	5.88 XX	23 SLD	13.40	13.40	3464.51	21356.90	6.164
-180	0.00	5.88 XX	23 SLD	13.40	13.40	-128.21	-21356.90	166.585
-194	1.25	6.42 XX	2 SLD	13.40	13.40	-216.51	-21356.90	98.642
-194	1.25	6.42 XX	2 SLD	13.40	13.40	-2388.31	-21356.90	8.942
-194	1.25	6.42 XX	5 SLD	13.40	13.40	-813.22	-21356.90	26.262
-194	1.25	6.42 XX	5 SLD	13.40	13.40	-2649.45	-21356.90	8.061
-194	1.25	6.42 XX	8 SLD	13.40	13.40	-1151.09	-21356.90	18.554
-194	1.25	6.42 XX	8 SLD	13.40	13.40	-2311.57	-21356.90	9.239
-194	1.25	6.42 XX	11 SLD	13.40	13.40	-1752.30	-21356.90	12.188
-194	1.25	6.42 XX	11 SLD	13.40	13.40	-1710.37	-21356.90	12.487
-194	1.25	6.42 XX	14 SLD	13.40	13.40	-712.68	-21356.90	29.967
-194	1.25	6.42 XX	14 SLD	13.40	13.40	-2884.48	-21356.90	7.404
-194	1.25	6.42 XX	17 SLD	13.40	13.40	-880.47	-21356.90	24.256
-194	1.25	6.42 XX	17 SLD	13.40	13.40	-2716.70	-21356.90	7.861
-194	1.25	6.42 XX	20 SLD	13.40	13.40	-1218.34	-21356.90	17.529
-194	1.25	6.42 XX	20 SLD	13.40	13.40	-2378.82	-21356.90	8.978
-194	1.25	6.42 XX	23 SLD	13.40	13.40	-1819.55	-21356.90	11.738
-194	1.25	6.42 XX	23 SLD	13.40	13.40	-1777.62	-21356.90	12.014
-389	4.50	15.55 XX	1 SLV	13.40	13.40	9804.33	18418.50	1.879
-389	4.50	15.55 XX	1 SLV	13.40	13.40	-2033.13	-18418.50	9.059
-389	4.50	15.55 XX	4 SLV	13.40	13.40	9356.33	18418.50	1.969
-389	4.50	15.55 XX	4 SLV	13.40	13.40	-1585.13	-18418.50	11.620
-389	4.50	15.55 XX	7 SLV	13.40	13.40	6340.68	18418.50	2.905
-389	4.50	15.55 XX	7 SLV	13.40	13.40	1430.52	18418.50	12.875
-389	4.50	15.55 XX	10 SLV	13.40	13.40	2923.85	18418.50	6.299
-389	4.50	15.55 XX	10 SLV	13.40	13.40	4847.36	18418.50	3.800
-389	4.50	15.55 XX	13 SLV	13.40	13.40	8672.76	18418.50	2.124
-389	4.50	15.55 XX	13 SLV	13.40	13.40	-3164.70	-18418.50	5.820
-389	4.50	15.55 XX	16 SLV	13.40	13.40	8224.76	18418.50	2.239
-389	4.50	15.55 XX	16 SLV	13.40	13.40	-2716.70	-18418.50	6.780
-389	4.50	15.55 XX	19 SLV	13.40	13.40	5209.11	18418.50	3.536
-389	4.50	15.55 XX	19 SLV	13.40	13.40	298.95	18418.50	61.611
-389	4.50	15.55 XX	22 SLV	13.40	13.40	1792.27	18418.50	10.277
-389	4.50	15.55 XX	22 SLV	13.40	13.40	3715.78	18418.50	4.957
-389	4.50	15.55 XX	25 SLU	13.40	13.40	4362.25	18418.50	4.222
-389	4.50	15.55 XX	26 SLU	13.40	13.40	5147.15	18418.50	3.578
-389	4.50	15.55 XX	27 SLU	13.40	13.40	4707.21	18418.50	3.913
-389	4.50	15.55 XX	28 SLU	13.40	13.40	4802.20	18418.50	3.835
-390	5.50	15.55 XX	1 SLV	13.40	13.40	6787.76	18418.50	2.713
-390	5.50	15.55 XX	1 SLV	13.40	13.40	-7503.01	-18418.50	2.455
-390	5.50	15.55 XX	4 SLV	13.40	13.40	6669.93	18418.50	2.761
-390	5.50	15.55 XX	4 SLV	13.40	13.40	-7385.19	-18418.50	2.494
-390	5.50	15.55 XX	7 SLV	13.40	13.40	1964.69	18418.50	9.375
-390	5.50	15.55 XX	7 SLV	13.40	13.40	-2679.95	-18418.50	6.873
-390	5.50	15.55 XX	10 SLV	13.40	13.40	-2287.19	-18418.50	8.053
-390	5.50	15.55 XX	10 SLV	13.40	13.40	1571.94	18418.50	11.717
-390	5.50	15.55 XX	13 SLV	13.40	13.40	8081.34	18418.50	2.279
-390	5.50	15.55 XX	13 SLV	13.40	13.40	-6209.44	-18418.50	2.966
-390	5.50	15.55 XX	16 SLV	13.40	13.40	7963.51	18418.50	2.313
-390	5.50	15.55 XX	16 SLV	13.40	13.40	-6091.61	-18418.50	3.024
-390	5.50	15.55 XX	19 SLV	13.40	13.40	3258.27	18418.50	5.653
-390	5.50	15.55 XX	19 SLV	13.40	13.40	-1386.37	-18418.50	13.285
-390	5.50	15.55 XX	22 SLV	13.40	13.40	-993.61	-18418.50	18.537
-390	5.50	15.55 XX	22 SLV	13.40	13.40	2865.52	18418.50	6.428
-390	5.50	15.55 XX	25 SLU	13.40	13.40	620.23	18418.50	29.696

-390	5.50	15.55 XX	26 SLU	13.40	13.40	-356.49	-18418.50	51.666
-390	5.50	15.55 XX	27 SLU	13.40	13.40	137.40	18418.50	134.048
-390	5.50	15.55 XX	28 SLU	13.40	13.40	126.34	18418.50	145.782
-389	4.50	15.55 XX	2 SLD	13.40	13.40	10332.60	21356.90	2.067
-389	4.50	15.55 XX	2 SLD	13.40	13.40	-1476.77	-21356.90	14.462
-389	4.50	15.55 XX	5 SLD	13.40	13.40	9424.23	21356.90	2.266
-389	4.50	15.55 XX	5 SLD	13.40	13.40	-1560.14	-21356.90	13.689
-389	4.50	15.55 XX	8 SLD	13.40	13.40	6329.05	21356.90	3.374
-389	4.50	15.55 XX	8 SLD	13.40	13.40	1535.05	21356.90	13.913
-389	4.50	15.55 XX	11 SLD	13.40	13.40	2909.99	21356.90	7.339
-389	4.50	15.55 XX	11 SLD	13.40	13.40	4954.10	21356.90	4.311
-389	4.50	15.55 XX	14 SLD	13.40	13.40	8704.41	21356.90	2.454
-389	4.50	15.55 XX	14 SLD	13.40	13.40	-3104.93	-21356.90	6.878
-389	4.50	15.55 XX	17 SLD	13.40	13.40	8291.93	21356.90	2.576
-389	4.50	15.55 XX	17 SLD	13.40	13.40	-2692.44	-21356.90	7.932
-389	4.50	15.55 XX	20 SLD	13.40	13.40	5196.74	21356.90	4.110
-389	4.50	15.55 XX	20 SLD	13.40	13.40	402.74	21356.90	53.029
-389	4.50	15.55 XX	23 SLD	13.40	13.40	1777.69	21356.90	12.014
-389	4.50	15.55 XX	23 SLD	13.40	13.40	3821.80	21356.90	5.588
-390	5.50	15.55 XX	2 SLD	13.40	13.40	6913.69	21356.90	3.089
-390	5.50	15.55 XX	2 SLD	13.40	13.40	-7378.61	-21356.90	2.894
-390	5.50	15.55 XX	5 SLD	13.40	13.40	6629.97	21356.90	3.221
-390	5.50	15.55 XX	5 SLD	13.40	13.40	-7442.03	-21356.90	2.870
-390	5.50	15.55 XX	8 SLD	13.40	13.40	1904.87	21356.90	11.212
-390	5.50	15.55 XX	8 SLD	13.40	13.40	-2716.94	-21356.90	7.861
-390	5.50	15.55 XX	11 SLD	13.40	13.40	-2349.77	-21356.90	9.089
-390	5.50	15.55 XX	11 SLD	13.40	13.40	1537.71	21356.90	13.889
-390	5.50	15.55 XX	14 SLD	13.40	13.40	8034.54	21356.90	2.658
-390	5.50	15.55 XX	14 SLD	13.40	13.40	-6257.76	-21356.90	3.413
-390	5.50	15.55 XX	17 SLD	13.40	13.40	7924.39	21356.90	2.695
-390	5.50	15.55 XX	17 SLD	13.40	13.40	-6147.62	-21356.90	3.474
-390	5.50	15.55 XX	20 SLD	13.40	13.40	3199.29	21356.90	6.676
-390	5.50	15.55 XX	20 SLD	13.40	13.40	-1422.52	-21356.90	15.014
-390	5.50	15.55 XX	23 SLD	13.40	13.40	-1055.36	-21356.90	20.237
-390	5.50	15.55 XX	23 SLD	13.40	13.40	2832.13	21356.90	7.541
-391	8.25	15.55 XX	1 SLV	13.40	13.40	9865.16	18418.50	1.867
-391	8.25	15.55 XX	1 SLV	13.40	13.40	-4103.87	-18418.50	4.488
-391	8.25	15.55 XX	4 SLV	13.40	13.40	9700.63	18418.50	1.899
-391	8.25	15.55 XX	4 SLV	13.40	13.40	-3939.34	-18418.50	4.676
-391	8.25	15.55 XX	7 SLV	13.40	13.40	5225.54	18418.50	3.525
-391	8.25	15.55 XX	7 SLV	13.40	13.40	535.76	18418.50	34.379
-391	8.25	15.55 XX	10 SLV	13.40	13.40	1084.19	18418.50	16.988
-391	8.25	15.55 XX	10 SLV	13.40	13.40	4677.11	18418.50	3.938
-391	8.25	15.55 XX	13 SLV	13.40	13.40	8589.73	18418.50	2.144
-391	8.25	15.55 XX	13 SLV	13.40	13.40	-5379.30	-18418.50	3.424
-391	8.25	15.55 XX	16 SLV	13.40	13.40	8425.21	18418.50	2.186
-391	8.25	15.55 XX	16 SLV	13.40	13.40	-5214.77	-18418.50	3.532
-391	8.25	15.55 XX	19 SLV	13.40	13.40	3950.11	18418.50	4.663
-391	8.25	15.55 XX	19 SLV	13.40	13.40	-739.67	-18418.50	24.901
-391	8.25	15.55 XX	22 SLV	13.40	13.40	-191.24	-18418.50	96.310
-391	8.25	15.55 XX	22 SLV	13.40	13.40	3401.68	18418.50	5.415
-391	8.25	15.55 XX	25 SLU	13.40	13.40	2775.44	18418.50	6.636
-391	8.25	15.55 XX	26 SLU	13.40	13.40	3726.77	18418.50	4.942
-391	8.25	15.55 XX	27 SLU	13.40	13.40	3237.29	18418.50	5.689
-391	8.25	15.55 XX	28 SLU	13.40	13.40	3264.92	18418.50	5.641
-392	9.25	15.55 XX	1 SLV	13.40	13.40	7514.37	18418.50	2.451
-392	9.25	15.55 XX	1 SLV	13.40	13.40	-6740.16	-18418.50	2.733
-392	9.25	15.55 XX	4 SLV	13.40	13.40	7399.51	18418.50	2.489
-392	9.25	15.55 XX	4 SLV	13.40	13.40	-6625.30	-18418.50	2.780
-392	9.25	15.55 XX	7 SLV	13.40	13.40	2699.49	18418.50	6.823
-392	9.25	15.55 XX	7 SLV	13.40	13.40	-1925.29	-18418.50	9.567
-392	9.25	15.55 XX	10 SLV	13.40	13.40	-1542.41	-18418.50	11.941
-392	9.25	15.55 XX	10 SLV	13.40	13.40	2316.62	18418.50	7.951
-392	9.25	15.55 XX	13 SLV	13.40	13.40	8811.60	18418.50	2.090
-392	9.25	15.55 XX	13 SLV	13.40	13.40	-5442.94	-18418.50	3.384
-392	9.25	15.55 XX	16 SLV	13.40	13.40	8696.73	18418.50	2.118
-392	9.25	15.55 XX	16 SLV	13.40	13.40	-5328.08	-18418.50	3.457
-392	9.25	15.55 XX	19 SLV	13.40	13.40	3996.72	18418.50	4.608
-392	9.25	15.55 XX	19 SLV	13.40	13.40	-628.06	-18418.50	29.326
-392	9.25	15.55 XX	22 SLV	13.40	13.40	-245.18	-18418.50	75.121
-392	9.25	15.55 XX	22 SLV	13.40	13.40	3613.84	18418.50	5.097
-392	9.25	15.55 XX	25 SLU	13.40	13.40	1596.20	18418.50	11.539
-392	9.25	15.55 XX	26 SLU	13.40	13.40	621.77	18418.50	29.623
-392	9.25	15.55 XX	27 SLU	13.40	13.40	1114.25	18418.50	16.530
-392	9.25	15.55 XX	28 SLU	13.40	13.40	1103.73	18418.50	16.688
-391	8.25	15.55 XX	2 SLD	13.40	13.40	10241.70	21356.90	2.085
-391	8.25	15.55 XX	2 SLD	13.40	13.40	-3724.20	-21356.90	5.735
-391	8.25	15.55 XX	5 SLD	13.40	13.40	9771.21	21356.90	2.186
-391	8.25	15.55 XX	5 SLD	13.40	13.40	-3889.81	-21356.90	5.490
-391	8.25	15.55 XX	8 SLD	13.40	13.40	5266.80	21356.90	4.055
-391	8.25	15.55 XX	8 SLD	13.40	13.40	614.60	21356.90	34.749

-391	8.25	15.55	XX	11	SLD	13.40	13.40	1122.76	21356.90	19.022
-391	8.25	15.55	XX	11	SLD	13.40	13.40	4758.64	21356.90	4.488
-391	8.25	15.55	XX	14	SLD	13.40	13.40	8647.41	21356.90	2.470
-391	8.25	15.55	XX	14	SLD	13.40	13.40	-5318.51	-21356.90	4.016
-391	8.25	15.55	XX	17	SLD	13.40	13.40	8494.96	21356.90	2.514
-391	8.25	15.55	XX	17	SLD	13.40	13.40	-5166.06	-21356.90	4.134
-391	8.25	15.55	XX	20	SLD	13.40	13.40	3990.55	21356.90	5.352
-391	8.25	15.55	XX	20	SLD	13.40	13.40	-661.65	-21356.90	32.278
-391	8.25	15.55	XX	23	SLD	13.40	13.40	-153.49	-21356.90	139.138
-391	8.25	15.55	XX	23	SLD	13.40	13.40	3482.39	21356.90	6.133
-392	9.25	15.55	XX	2	SLD	13.40	13.40	7755.38	21356.90	2.754
-392	9.25	15.55	XX	2	SLD	13.40	13.40	-6500.94	-21356.90	3.285
-392	9.25	15.55	XX	5	SLD	13.40	13.40	7347.97	21356.90	2.907
-392	9.25	15.55	XX	5	SLD	13.40	13.40	-6693.43	-21356.90	3.191
-392	9.25	15.55	XX	8	SLD	13.40	13.40	2628.70	21356.90	8.125
-392	9.25	15.55	XX	8	SLD	13.40	13.40	-1974.16	-21356.90	10.818
-392	9.25	15.55	XX	11	SLD	13.40	13.40	-1615.96	-21356.90	13.216
-392	9.25	15.55	XX	11	SLD	13.40	13.40	2270.50	21356.90	9.406
-392	9.25	15.55	XX	14	SLD	13.40	13.40	8753.50	21356.90	2.440
-392	9.25	15.55	XX	14	SLD	13.40	13.40	-5502.82	-21356.90	3.881
-392	9.25	15.55	XX	17	SLD	13.40	13.40	8646.04	21356.90	2.470
-392	9.25	15.55	XX	17	SLD	13.40	13.40	-5395.36	-21356.90	3.958
-392	9.25	15.55	XX	20	SLD	13.40	13.40	3926.77	21356.90	5.439
-392	9.25	15.55	XX	20	SLD	13.40	13.40	-676.09	-21356.90	31.589
-392	9.25	15.55	XX	23	SLD	13.40	13.40	-317.89	-21356.90	67.183
-392	9.25	15.55	XX	23	SLD	13.40	13.40	3568.57	21356.90	5.985
-393	12.00	15.55	XX	1	SLV	13.40	13.40	9285.29	18418.50	1.984
-393	12.00	15.55	XX	1	SLV	13.40	13.40	-4946.63	-18418.50	3.723
-393	12.00	15.55	XX	4	SLV	13.40	13.40	9153.24	18418.50	2.012
-393	12.00	15.55	XX	4	SLV	13.40	13.40	-4814.58	-18418.50	3.826
-393	12.00	15.55	XX	7	SLV	13.40	13.40	4504.41	18418.50	4.089
-393	12.00	15.55	XX	7	SLV	13.40	13.40	-165.74	-18418.50	111.126
-393	12.00	15.55	XX	10	SLV	13.40	13.40	274.44	18418.50	67.112
-393	12.00	15.55	XX	10	SLV	13.40	13.40	4064.22	18418.50	4.532
-393	12.00	15.55	XX	13	SLV	13.40	13.40	7989.57	18418.50	2.305
-393	12.00	15.55	XX	13	SLV	13.40	13.40	-6242.36	-18418.50	2.951
-393	12.00	15.55	XX	16	SLV	13.40	13.40	7857.51	18418.50	2.344
-393	12.00	15.55	XX	16	SLV	13.40	13.40	-6110.30	-18418.50	3.014
-393	12.00	15.55	XX	19	SLV	13.40	13.40	3208.68	18418.50	5.740
-393	12.00	15.55	XX	19	SLV	13.40	13.40	-1461.47	-18418.50	12.603
-393	12.00	15.55	XX	22	SLV	13.40	13.40	-1021.28	-18418.50	18.035
-393	12.00	15.55	XX	22	SLV	13.40	13.40	2768.49	18418.50	6.653
-393	12.00	15.55	XX	25	SLU	13.40	13.40	1720.07	18418.50	10.708
-393	12.00	15.55	XX	26	SLU	13.40	13.40	2691.75	18418.50	6.843
-393	12.00	15.55	XX	27	SLU	13.40	13.40	2196.67	18418.50	8.385
-393	12.00	15.55	XX	28	SLU	13.40	13.40	2215.15	18418.50	8.315
-394	13.00	15.55	XX	1	SLV	13.40	13.40	7687.04	18418.50	2.396
-394	13.00	15.55	XX	1	SLV	13.40	13.40	-6529.44	-18418.50	2.821
-394	13.00	15.55	XX	4	SLV	13.40	13.40	7571.79	18418.50	2.433
-394	13.00	15.55	XX	4	SLV	13.40	13.40	-6414.19	-18418.50	2.872
-394	13.00	15.55	XX	7	SLV	13.40	13.40	2886.07	18418.50	6.382
-394	13.00	15.55	XX	7	SLV	13.40	13.40	-1728.47	-18418.50	10.656
-394	13.00	15.55	XX	10	SLV	13.40	13.40	-1344.30	-18418.50	13.701
-394	13.00	15.55	XX	10	SLV	13.40	13.40	2501.90	18418.50	7.362
-394	13.00	15.55	XX	13	SLV	13.40	13.40	8983.21	18418.50	2.050
-394	13.00	15.55	XX	13	SLV	13.40	13.40	-5233.27	-18418.50	3.519
-394	13.00	15.55	XX	16	SLV	13.40	13.40	8867.96	18418.50	2.077
-394	13.00	15.55	XX	16	SLV	13.40	13.40	-5118.02	-18418.50	3.599
-394	13.00	15.55	XX	19	SLV	13.40	13.40	4182.24	18418.50	4.404
-394	13.00	15.55	XX	19	SLV	13.40	13.40	-432.30	-18418.50	42.606
-394	13.00	15.55	XX	22	SLV	13.40	13.40	-48.13	-18418.50	382.716
-394	13.00	15.55	XX	22	SLV	13.40	13.40	3798.07	18418.50	4.849
-394	13.00	15.55	XX	25	SLU	13.40	13.40	1899.16	18418.50	9.698
-394	13.00	15.55	XX	26	SLU	13.40	13.40	927.38	18418.50	19.861
-394	13.00	15.55	XX	27	SLU	13.40	13.40	1418.98	18418.50	12.980
-394	13.00	15.55	XX	28	SLU	13.40	13.40	1407.56	18418.50	13.086
-393	12.00	15.55	XX	2	SLD	13.40	13.40	9584.88	21356.90	2.228
-393	12.00	15.55	XX	2	SLD	13.40	13.40	-4647.33	-21356.90	4.596
-393	12.00	15.55	XX	5	SLD	13.40	13.40	9212.01	21356.90	2.318
-393	12.00	15.55	XX	5	SLD	13.40	13.40	-4773.84	-21356.90	4.474
-393	12.00	15.55	XX	8	SLD	13.40	13.40	4540.74	21356.90	4.703
-393	12.00	15.55	XX	8	SLD	13.40	13.40	-102.57	-21356.90	208.217
-393	12.00	15.55	XX	11	SLD	13.40	13.40	308.04	21356.90	69.333
-393	12.00	15.55	XX	11	SLD	13.40	13.40	4130.14	21356.90	5.171
-393	12.00	15.55	XX	14	SLD	13.40	13.40	8038.62	21356.90	2.657
-393	12.00	15.55	XX	14	SLD	13.40	13.40	-6193.59	-21356.90	3.448
-393	12.00	15.55	XX	17	SLD	13.40	13.40	7915.44	21356.90	2.698
-393	12.00	15.55	XX	17	SLD	13.40	13.40	-6070.41	-21356.90	3.518
-393	12.00	15.55	XX	20	SLD	13.40	13.40	3244.17	21356.90	6.583
-393	12.00	15.55	XX	20	SLD	13.40	13.40	-1399.14	-21356.90	15.264
-393	12.00	15.55	XX	23	SLD	13.40	13.40	-988.53	-21356.90	21.605

-393	12.00	15.55 XX	23 SLD	13.40	13.40	2833.57	21356.90	7.537
-394	13.00	15.55 XX	2 SLD	13.40	13.40	7927.91	21356.90	2.694
-394	13.00	15.55 XX	2 SLD	13.40	13.40	-6290.35	-21356.90	3.395
-394	13.00	15.55 XX	5 SLD	13.40	13.40	7530.96	21356.90	2.836
-394	13.00	15.55 XX	5 SLD	13.40	13.40	-6471.55	-21356.90	3.300
-394	13.00	15.55 XX	8 SLD	13.40	13.40	2826.05	21356.90	7.557
-394	13.00	15.55 XX	8 SLD	13.40	13.40	-1766.64	-21356.90	12.089
-394	13.00	15.55 XX	11 SLD	13.40	13.40	-1407.06	-21356.90	15.178
-394	13.00	15.55 XX	11 SLD	13.40	13.40	2466.47	21356.90	8.659
-394	13.00	15.55 XX	14 SLD	13.40	13.40	8935.85	21356.90	2.390
-394	13.00	15.55 XX	14 SLD	13.40	13.40	-5282.41	-21356.90	4.043
-394	13.00	15.55 XX	17 SLD	13.40	13.40	8827.97	21356.90	2.419
-394	13.00	15.55 XX	17 SLD	13.40	13.40	-5174.54	-21356.90	4.127
-394	13.00	15.55 XX	20 SLD	13.40	13.40	4123.07	21356.90	5.180
-394	13.00	15.55 XX	20 SLD	13.40	13.40	-469.63	-21356.90	45.476
-394	13.00	15.55 XX	23 SLD	13.40	13.40	-110.05	-21356.90	194.070
-394	13.00	15.55 XX	23 SLD	13.40	13.40	3763.49	21356.90	5.675
-396	16.75	15.55 XX	1 SLV	13.40	13.40	8265.03	18418.50	2.228
-396	16.75	15.55 XX	1 SLV	13.40	13.40	-5651.10	-18418.50	3.259
-396	16.75	15.55 XX	4 SLV	13.40	13.40	8161.43	18418.50	2.257
-396	16.75	15.55 XX	4 SLV	13.40	13.40	-5547.51	-18418.50	3.320
-396	16.75	15.55 XX	7 SLV	13.40	13.40	3551.50	18418.50	5.186
-396	16.75	15.55 XX	7 SLV	13.40	13.40	-937.58	-18418.50	19.645
-396	16.75	15.55 XX	10 SLV	13.40	13.40	-592.26	-18418.50	31.099
-396	16.75	15.55 XX	10 SLV	13.40	13.40	3206.18	18418.50	5.745
-396	16.75	15.55 XX	13 SLV	13.40	13.40	9544.33	18418.50	1.930
-396	16.75	15.55 XX	13 SLV	13.40	13.40	-4371.80	-18418.50	4.213
-396	16.75	15.55 XX	16 SLV	13.40	13.40	9440.73	18418.50	1.951
-396	16.75	15.55 XX	16 SLV	13.40	13.40	-4268.20	-18418.50	4.315
-396	16.75	15.55 XX	19 SLV	13.40	13.40	4830.81	18418.50	3.813
-396	16.75	15.55 XX	19 SLV	13.40	13.40	341.72	18418.50	53.899
-396	16.75	15.55 XX	22 SLV	13.40	13.40	687.05	18418.50	26.808
-396	16.75	15.55 XX	22 SLV	13.40	13.40	4485.48	18418.50	4.106
-396	16.75	15.55 XX	25 SLU	13.40	13.40	2853.56	18418.50	6.455
-396	16.75	15.55 XX	26 SLU	13.40	13.40	1901.67	18418.50	9.685
-396	16.75	15.55 XX	27 SLU	13.40	13.40	2376.88	18418.50	7.749
-396	16.75	15.55 XX	28 SLU	13.40	13.40	2378.35	18418.50	7.744
-395	15.75	15.55 XX	1 SLV	13.40	13.40	9165.18	18418.50	2.010
-395	15.75	15.55 XX	1 SLV	13.40	13.40	-5111.61	-18418.50	3.603
-395	15.75	15.55 XX	4 SLV	13.40	13.40	9028.58	18418.50	2.040
-395	15.75	15.55 XX	4 SLV	13.40	13.40	-4975.01	-18418.50	3.702
-395	15.75	15.55 XX	7 SLV	13.40	13.40	4375.48	18418.50	4.209
-395	15.75	15.55 XX	7 SLV	13.40	13.40	-321.90	-18418.50	57.217
-395	15.75	15.55 XX	10 SLV	13.40	13.40	133.42	18418.50	138.049
-395	15.75	15.55 XX	10 SLV	13.40	13.40	3920.15	18418.50	4.698
-395	15.75	15.55 XX	13 SLV	13.40	13.40	7867.79	18418.50	2.341
-395	15.75	15.55 XX	13 SLV	13.40	13.40	-6409.00	-18418.50	2.874
-395	15.75	15.55 XX	16 SLV	13.40	13.40	7731.19	18418.50	2.382
-395	15.75	15.55 XX	16 SLV	13.40	13.40	-6272.41	-18418.50	2.936
-395	15.75	15.55 XX	19 SLV	13.40	13.40	3078.08	18418.50	5.984
-395	15.75	15.55 XX	19 SLV	13.40	13.40	-1619.30	-18418.50	11.374
-395	15.75	15.55 XX	22 SLV	13.40	13.40	-1163.98	-18418.50	15.824
-395	15.75	15.55 XX	22 SLV	13.40	13.40	2622.76	18418.50	7.023
-395	15.75	15.55 XX	25 SLU	13.40	13.40	1568.55	18418.50	11.742
-395	15.75	15.55 XX	26 SLU	13.40	13.40	2543.01	18418.50	7.243
-395	15.75	15.55 XX	27 SLU	13.40	13.40	2045.87	18418.50	9.003
-395	15.75	15.55 XX	28 SLU	13.40	13.40	2065.69	18418.50	8.916
-396	16.75	15.55 XX	2 SLD	13.40	13.40	8549.54	21356.90	2.498
-396	16.75	15.55 XX	2 SLD	13.40	13.40	-5368.56	-21356.90	3.978
-396	16.75	15.55 XX	5 SLD	13.40	13.40	8111.47	21356.90	2.633
-396	16.75	15.55 XX	5 SLD	13.40	13.40	-5613.44	-21356.90	3.805
-396	16.75	15.55 XX	8 SLD	13.40	13.40	3483.24	21356.90	6.131
-396	16.75	15.55 XX	8 SLD	13.40	13.40	-985.20	-21356.90	21.678
-396	16.75	15.55 XX	11 SLD	13.40	13.40	-663.21	-21356.90	32.202
-396	16.75	15.55 XX	11 SLD	13.40	13.40	3161.25	21356.90	6.756
-396	16.75	15.55 XX	14 SLD	13.40	13.40	9488.21	21356.90	2.251
-396	16.75	15.55 XX	14 SLD	13.40	13.40	-4429.90	-21356.90	4.821
-396	16.75	15.55 XX	17 SLD	13.40	13.40	9391.61	21356.90	2.274
-396	16.75	15.55 XX	17 SLD	13.40	13.40	-4333.30	-21356.90	4.929
-396	16.75	15.55 XX	20 SLD	13.40	13.40	4763.38	21356.90	4.484
-396	16.75	15.55 XX	20 SLD	13.40	13.40	294.93	21356.90	72.412
-396	16.75	15.55 XX	23 SLD	13.40	13.40	616.92	21356.90	34.618
-396	16.75	15.55 XX	23 SLD	13.40	13.40	4441.39	21356.90	4.809
-395	15.75	15.55 XX	2 SLD	13.40	13.40	9484.33	21356.90	2.252
-395	15.75	15.55 XX	2 SLD	13.40	13.40	-4792.33	-21356.90	4.456
-395	15.75	15.55 XX	5 SLD	13.40	13.40	9098.85	21356.90	2.347
-395	15.75	15.55 XX	5 SLD	13.40	13.40	-4923.25	-21356.90	4.338
-395	15.75	15.55 XX	8 SLD	13.40	13.40	4422.34	21356.90	4.829
-395	15.75	15.55 XX	8 SLD	13.40	13.40	-246.74	-21356.90	86.555
-395	15.75	15.55 XX	11 SLD	13.40	13.40	177.53	21356.90	120.302
-395	15.75	15.55 XX	11 SLD	13.40	13.40	3998.07	21356.90	5.342

-395	15.75	15.55 XX	14 SLD	13.40	13.40	7927.89	21356.90	2.694
-395	15.75	15.55 XX	14 SLD	13.40	13.40	-6348.77	-21356.90	3.364
-395	15.75	15.55 XX	17 SLD	13.40	13.40	7800.61	21356.90	2.738
-395	15.75	15.55 XX	17 SLD	13.40	13.40	-6221.49	-21356.90	3.433
-395	15.75	15.55 XX	20 SLD	13.40	13.40	3124.10	21356.90	6.836
-395	15.75	15.55 XX	20 SLD	13.40	13.40	-1544.98	-21356.90	13.823
-395	15.75	15.55 XX	23 SLD	13.40	13.40	-1120.71	-21356.90	19.057
-395	15.75	15.55 XX	23 SLD	13.40	13.40	2699.83	21356.90	7.910
-398	20.50	15.55 XX	1 SLV	13.40	13.40	8572.56	18418.50	2.149
-398	20.50	15.55 XX	1 SLV	13.40	13.40	-3181.40	-18418.50	5.789
-398	20.50	15.55 XX	4 SLV	13.40	13.40	8248.23	18418.50	2.233
-398	20.50	15.55 XX	4 SLV	13.40	13.40	-2857.07	-18418.50	6.447
-398	20.50	15.55 XX	7 SLV	13.40	13.40	4950.58	18418.50	3.720
-398	20.50	15.55 XX	7 SLV	13.40	13.40	440.58	18418.50	41.805
-398	20.50	15.55 XX	10 SLV	13.40	13.40	1521.69	18418.50	12.104
-398	20.50	15.55 XX	10 SLV	13.40	13.40	3869.47	18418.50	4.760
-398	20.50	15.55 XX	13 SLV	13.40	13.40	9718.65	18418.50	1.895
-398	20.50	15.55 XX	13 SLV	13.40	13.40	-2035.31	-18418.50	9.049
-398	20.50	15.55 XX	16 SLV	13.40	13.40	9394.32	18418.50	1.961
-398	20.50	15.55 XX	16 SLV	13.40	13.40	-1710.98	-18418.50	10.765
-398	20.50	15.55 XX	19 SLV	13.40	13.40	6096.67	18418.50	3.021
-398	20.50	15.55 XX	19 SLV	13.40	13.40	1586.67	18418.50	11.608
-398	20.50	15.55 XX	22 SLV	13.40	13.40	2667.78	18418.50	6.904
-398	20.50	15.55 XX	22 SLV	13.40	13.40	5015.56	18418.50	3.672
-398	20.50	15.55 XX	25 SLU	13.40	13.40	4736.45	18418.50	3.889
-398	20.50	15.55 XX	26 SLU	13.40	13.40	3948.79	18418.50	4.664
-398	20.50	15.55 XX	27 SLU	13.40	13.40	4301.71	18418.50	4.282
-398	20.50	15.55 XX	28 SLU	13.40	13.40	4383.54	18418.50	4.202
-397	19.50	15.55 XX	1 SLV	13.40	13.40	8369.21	18418.50	2.201
-397	19.50	15.55 XX	1 SLV	13.40	13.40	-5930.46	-18418.50	3.106
-397	19.50	15.55 XX	4 SLV	13.40	13.40	8244.66	18418.50	2.234
-397	19.50	15.55 XX	4 SLV	13.40	13.40	-5805.91	-18418.50	3.172
-397	19.50	15.55 XX	7 SLV	13.40	13.40	3553.23	18418.50	5.184
-397	19.50	15.55 XX	7 SLV	13.40	13.40	-1114.48	-18418.50	16.527
-397	19.50	15.55 XX	10 SLV	13.40	13.40	-699.31	-18418.50	26.338
-397	19.50	15.55 XX	10 SLV	13.40	13.40	3138.06	18418.50	5.869
-397	19.50	15.55 XX	13 SLV	13.40	13.40	7071.77	18418.50	2.605
-397	19.50	15.55 XX	13 SLV	13.40	13.40	-7227.90	-18418.50	2.548
-397	19.50	15.55 XX	16 SLV	13.40	13.40	6947.22	18418.50	2.651
-397	19.50	15.55 XX	16 SLV	13.40	13.40	-7103.35	-18418.50	2.593
-397	19.50	15.55 XX	19 SLV	13.40	13.40	2255.79	18418.50	8.165
-397	19.50	15.55 XX	19 SLV	13.40	13.40	-2411.92	-18418.50	7.636
-397	19.50	15.55 XX	22 SLV	13.40	13.40	-1996.75	-18418.50	9.224
-397	19.50	15.55 XX	22 SLV	13.40	13.40	1840.62	18418.50	10.007
-397	19.50	15.55 XX	25 SLU	13.40	13.40	410.43	18418.50	44.877
-397	19.50	15.55 XX	26 SLU	13.40	13.40	1387.30	18418.50	13.277
-397	19.50	15.55 XX	27 SLU	13.40	13.40	891.17	18418.50	20.668
-397	19.50	15.55 XX	28 SLU	13.40	13.40	906.55	18418.50	20.317
-398	20.50	15.55 XX	2 SLD	13.40	13.40	8993.48	21356.90	2.375
-398	20.50	15.55 XX	2 SLD	13.40	13.40	-2742.39	-21356.90	7.788
-398	20.50	15.55 XX	5 SLD	13.40	13.40	8226.40	21356.90	2.596
-398	20.50	15.55 XX	5 SLD	13.40	13.40	-2911.84	-21356.90	7.335
-398	20.50	15.55 XX	8 SLD	13.40	13.40	4870.87	21356.90	4.385
-398	20.50	15.55 XX	8 SLD	13.40	13.40	443.69	21356.90	48.135
-398	20.50	15.55 XX	11 SLD	13.40	13.40	1439.75	21356.90	14.834
-398	20.50	15.55 XX	11 SLD	13.40	13.40	3874.80	21356.90	5.512
-398	20.50	15.55 XX	14 SLD	13.40	13.40	9672.04	21356.90	2.208
-398	20.50	15.55 XX	14 SLD	13.40	13.40	-2063.83	-21356.90	10.348
-398	20.50	15.55 XX	17 SLD	13.40	13.40	9373.22	21356.90	2.279
-398	20.50	15.55 XX	17 SLD	13.40	13.40	-1765.01	-21356.90	12.100
-398	20.50	15.55 XX	20 SLD	13.40	13.40	6017.70	21356.90	3.549
-398	20.50	15.55 XX	20 SLD	13.40	13.40	1590.52	21356.90	13.428
-398	20.50	15.55 XX	23 SLD	13.40	13.40	2586.58	21356.90	8.257
-398	20.50	15.55 XX	23 SLD	13.40	13.40	5021.63	21356.90	4.253
-397	19.50	15.55 XX	2 SLD	13.40	13.40	8570.58	21356.90	2.492
-397	19.50	15.55 XX	2 SLD	13.40	13.40	-5730.20	-21356.90	3.727
-397	19.50	15.55 XX	5 SLD	13.40	13.40	8302.06	21356.90	2.572
-397	19.50	15.55 XX	5 SLD	13.40	13.40	-5765.82	-21356.90	3.704
-397	19.50	15.55 XX	8 SLD	13.40	13.40	3589.86	21356.90	5.949
-397	19.50	15.55 XX	8 SLD	13.40	13.40	-1053.62	-21356.90	20.270
-397	19.50	15.55 XX	11 SLD	13.40	13.40	-665.44	-21356.90	32.094
-397	19.50	15.55 XX	11 SLD	13.40	13.40	3201.68	21356.90	6.671
-397	19.50	15.55 XX	14 SLD	13.40	13.40	7120.22	21356.90	2.999
-397	19.50	15.55 XX	14 SLD	13.40	13.40	-7180.56	-21356.90	2.974
-397	19.50	15.55 XX	17 SLD	13.40	13.40	7003.77	21356.90	3.049
-397	19.50	15.55 XX	17 SLD	13.40	13.40	-7064.10	-21356.90	3.023
-397	19.50	15.55 XX	20 SLD	13.40	13.40	2291.57	21356.90	9.320
-397	19.50	15.55 XX	20 SLD	13.40	13.40	-2351.90	-21356.90	9.081
-397	19.50	15.55 XX	23 SLD	13.40	13.40	-1963.73	-21356.90	10.876
-397	19.50	15.55 XX	23 SLD	13.40	13.40	1903.39	21356.90	11.220
-400	24.25	15.55 XX	1 SLV	13.40	13.40	4063.48	18418.50	4.533

-400	24.25	15.55 XX	1 SLV	13.40	13.40	-4564.41	-18418.50	4.035
-400	24.25	15.55 XX	4 SLV	13.40	13.40	4036.03	18418.50	4.564
-400	24.25	15.55 XX	4 SLV	13.40	13.40	-4536.96	-18418.50	4.060
-400	24.25	15.55 XX	7 SLV	13.40	13.40	1085.35	18418.50	16.970
-400	24.25	15.55 XX	7 SLV	13.40	13.40	-1586.28	-18418.50	11.611
-400	24.25	15.55 XX	10 SLV	13.40	13.40	-1494.78	-18418.50	12.322
-400	24.25	15.55 XX	10 SLV	13.40	13.40	993.85	18418.50	18.532
-400	24.25	15.55 XX	13 SLV	13.40	13.40	4918.34	18418.50	3.745
-400	24.25	15.55 XX	13 SLV	13.40	13.40	-3709.54	-18418.50	4.965
-400	24.25	15.55 XX	16 SLV	13.40	13.40	4890.90	18418.50	3.766
-400	24.25	15.55 XX	16 SLV	13.40	13.40	-3682.09	-18418.50	5.002
-400	24.25	15.55 XX	19 SLV	13.40	13.40	1940.22	18418.50	9.493
-400	24.25	15.55 XX	19 SLV	13.40	13.40	-731.41	-18418.50	25.182
-400	24.25	15.55 XX	22 SLV	13.40	13.40	-639.91	-18418.50	28.783
-400	24.25	15.55 XX	22 SLV	13.40	13.40	1848.72	18418.50	9.963
-400	24.25	15.55 XX	25 SLU	13.40	13.40	77.68	18418.50	237.115
-400	24.25	15.55 XX	26 SLU	13.40	13.40	-515.02	-18418.50	35.763
-400	24.25	15.55 XX	27 SLU	13.40	13.40	-220.36	-18418.50	83.585
-400	24.25	15.55 XX	28 SLU	13.40	13.40	-216.98	-18418.50	84.885
-399	23.25	15.55 XX	1 SLV	13.40	13.40	4276.74	18418.50	4.307
-399	23.25	15.55 XX	1 SLV	13.40	13.40	-7139.64	-18418.50	2.580
-399	23.25	15.55 XX	4 SLV	13.40	13.40	3753.38	18418.50	4.907
-399	23.25	15.55 XX	4 SLV	13.40	13.40	-6616.27	-18418.50	2.784
-399	23.25	15.55 XX	7 SLV	13.40	13.40	1074.77	18418.50	17.137
-399	23.25	15.55 XX	7 SLV	13.40	13.40	-3937.67	-18418.50	4.678
-399	23.25	15.55 XX	10 SLV	13.40	13.40	-2193.13	-18418.50	8.398
-399	23.25	15.55 XX	10 SLV	13.40	13.40	-669.76	-18418.50	27.500
-399	23.25	15.55 XX	13 SLV	13.40	13.40	3140.50	18418.50	5.865
-399	23.25	15.55 XX	13 SLV	13.40	13.40	-8275.87	-18418.50	2.226
-399	23.25	15.55 XX	16 SLV	13.40	13.40	2617.14	18418.50	7.038
-399	23.25	15.55 XX	16 SLV	13.40	13.40	-7752.51	-18418.50	2.376
-399	23.25	15.55 XX	19 SLV	13.40	13.40	-61.47	-18418.50	299.644
-399	23.25	15.55 XX	19 SLV	13.40	13.40	-5073.91	-18418.50	3.630
-399	23.25	15.55 XX	22 SLV	13.40	13.40	-3329.37	-18418.50	5.532
-399	23.25	15.55 XX	22 SLV	13.40	13.40	-1806.00	-18418.50	10.198
-399	23.25	15.55 XX	25 SLU	13.40	13.40	-3192.89	-18418.50	5.769
-399	23.25	15.55 XX	26 SLU	13.40	13.40	-2442.21	-18418.50	7.542
-399	23.25	15.55 XX	27 SLU	13.40	13.40	-2753.72	-18418.50	6.689
-399	23.25	15.55 XX	28 SLU	13.40	13.40	-2881.38	-18418.50	6.392
-400	24.25	15.55 XX	2 SLD	13.40	13.40	7572.27	21356.90	2.820
-400	24.25	15.55 XX	2 SLD	13.40	13.40	-1060.90	-21356.90	20.131
-400	24.25	15.55 XX	5 SLD	13.40	13.40	4004.77	21356.90	5.333
-400	24.25	15.55 XX	5 SLD	13.40	13.40	-4574.10	-21356.90	4.669
-400	24.25	15.55 XX	8 SLD	13.40	13.40	1051.49	21356.90	20.311
-400	24.25	15.55 XX	8 SLD	13.40	13.40	-1620.82	-21356.90	13.177
-400	24.25	15.55 XX	11 SLD	13.40	13.40	-1530.32	-21356.90	13.956
-400	24.25	15.55 XX	11 SLD	13.40	13.40	960.99	21356.90	22.224
-400	24.25	15.55 XX	14 SLD	13.40	13.40	4887.34	21356.90	4.370
-400	24.25	15.55 XX	14 SLD	13.40	13.40	-3745.83	-21356.90	5.702
-400	24.25	15.55 XX	17 SLD	13.40	13.40	4860.19	21356.90	4.394
-400	24.25	15.55 XX	17 SLD	13.40	13.40	-3718.68	-21356.90	5.743
-400	24.25	15.55 XX	20 SLD	13.40	13.40	1906.91	21356.90	11.200
-400	24.25	15.55 XX	20 SLD	13.40	13.40	-765.40	-21356.90	27.903
-400	24.25	15.55 XX	23 SLD	13.40	13.40	-674.90	-21356.90	31.645
-400	24.25	15.55 XX	23 SLD	13.40	13.40	1816.41	21356.90	11.758
-399	23.25	15.55 XX	2 SLD	13.40	13.40	5251.12	21356.90	4.067
-399	23.25	15.55 XX	2 SLD	13.40	13.40	-6130.83	-21356.90	3.484
-399	23.25	15.55 XX	5 SLD	13.40	13.40	3831.34	21356.90	5.574
-399	23.25	15.55 XX	5 SLD	13.40	13.40	-6586.89	-21356.90	3.242
-399	23.25	15.55 XX	8 SLD	13.40	13.40	1060.34	21356.90	20.142
-399	23.25	15.55 XX	8 SLD	13.40	13.40	-3815.89	-21356.90	5.597
-399	23.25	15.55 XX	11 SLD	13.40	13.40	-2209.69	-21356.90	9.665
-399	23.25	15.55 XX	11 SLD	13.40	13.40	-545.86	-21356.90	39.125
-399	23.25	15.55 XX	14 SLD	13.40	13.40	3176.22	21356.90	6.724
-399	23.25	15.55 XX	14 SLD	13.40	13.40	-8205.72	-21356.90	2.603
-399	23.25	15.55 XX	17 SLD	13.40	13.40	2694.36	21356.90	7.927
-399	23.25	15.55 XX	17 SLD	13.40	13.40	-7723.87	-21356.90	2.765
-399	23.25	15.55 XX	20 SLD	13.40	13.40	-76.64	-21356.90	278.670
-399	23.25	15.55 XX	20 SLD	13.40	13.40	-4952.86	-21356.90	4.312
-399	23.25	15.55 XX	23 SLD	13.40	13.40	-3346.67	-21356.90	6.382
-399	23.25	15.55 XX	23 SLD	13.40	13.40	-1682.84	-21356.90	12.691
-69	8.25	0.00 XX	1 SLV	13.40	13.40	8582.81	18418.50	2.146
-69	8.25	0.00 XX	1 SLV	13.40	13.40	-5386.22	-18418.50	3.420
-69	8.25	0.00 XX	4 SLV	13.40	13.40	8418.28	18418.50	2.188
-69	8.25	0.00 XX	4 SLV	13.40	13.40	-5221.69	-18418.50	3.527
-69	8.25	0.00 XX	7 SLV	13.40	13.40	3943.19	18418.50	4.671
-69	8.25	0.00 XX	7 SLV	13.40	13.40	-746.60	-18418.50	24.670
-69	8.25	0.00 XX	10 SLV	13.40	13.40	-198.16	-18418.50	92.945
-69	8.25	0.00 XX	10 SLV	13.40	13.40	3394.76	18418.50	5.426
-69	8.25	0.00 XX	13 SLV	13.40	13.40	9858.24	18418.50	1.868
-69	8.25	0.00 XX	13 SLV	13.40	13.40	-4110.79	-18418.50	4.481

-69	8.25	0.00 XX	16 SLV	13.40	13.40	9693.71	18418.50	1.900
-69	8.25	0.00 XX	16 SLV	13.40	13.40	-3946.26	-18418.50	4.667
-69	8.25	0.00 XX	19 SLV	13.40	13.40	5218.61	18418.50	3.529
-69	8.25	0.00 XX	19 SLV	13.40	13.40	528.83	18418.50	34.829
-69	8.25	0.00 XX	22 SLV	13.40	13.40	1077.26	18418.50	17.098
-69	8.25	0.00 XX	22 SLV	13.40	13.40	4670.18	18418.50	3.944
-69	8.25	0.00 XX	25 SLU	13.40	13.40	2752.04	18418.50	6.693
-69	8.25	0.00 XX	26 SLU	13.40	13.40	3703.37	18418.50	4.973
-69	8.25	0.00 XX	27 SLU	13.40	13.40	3241.52	18418.50	5.682
-69	8.25	0.00 XX	28 SLU	13.40	13.40	3213.89	18418.50	5.731
-70	9.25	0.00 XX	1 SLV	13.40	13.40	8812.24	18418.50	2.090
-70	9.25	0.00 XX	1 SLV	13.40	13.40	-5442.30	-18418.50	3.384
-70	9.25	0.00 XX	4 SLV	13.40	13.40	8697.37	18418.50	2.118
-70	9.25	0.00 XX	4 SLV	13.40	13.40	-5327.43	-18418.50	3.457
-70	9.25	0.00 XX	7 SLV	13.40	13.40	3997.36	18418.50	4.608
-70	9.25	0.00 XX	7 SLV	13.40	13.40	-627.42	-18418.50	29.356
-70	9.25	0.00 XX	10 SLV	13.40	13.40	-244.54	-18418.50	75.318
-70	9.25	0.00 XX	10 SLV	13.40	13.40	3614.48	18418.50	5.096
-70	9.25	0.00 XX	13 SLV	13.40	13.40	7515.01	18418.50	2.451
-70	9.25	0.00 XX	13 SLV	13.40	13.40	-6739.52	-18418.50	2.733
-70	9.25	0.00 XX	16 SLV	13.40	13.40	7400.15	18418.50	2.489
-70	9.25	0.00 XX	16 SLV	13.40	13.40	-6624.66	-18418.50	2.780
-70	9.25	0.00 XX	19 SLV	13.40	13.40	2700.14	18418.50	6.821
-70	9.25	0.00 XX	19 SLV	13.40	13.40	-1924.64	-18418.50	9.570
-70	9.25	0.00 XX	22 SLV	13.40	13.40	-1541.77	-18418.50	11.946
-70	9.25	0.00 XX	22 SLV	13.40	13.40	2317.26	18418.50	7.948
-70	9.25	0.00 XX	25 SLU	13.40	13.40	1598.38	18418.50	11.523
-70	9.25	0.00 XX	26 SLU	13.40	13.40	623.95	18418.50	29.519
-70	9.25	0.00 XX	27 SLU	13.40	13.40	1105.90	18418.50	16.655
-70	9.25	0.00 XX	28 SLU	13.40	13.40	1116.42	18418.50	16.498
-69	8.25	0.00 XX	2 SLD	13.40	13.40	8955.10	21356.90	2.385
-69	8.25	0.00 XX	2 SLD	13.40	13.40	-5010.82	-21356.90	4.262
-69	8.25	0.00 XX	5 SLD	13.40	13.40	8484.59	21356.90	2.517
-69	8.25	0.00 XX	5 SLD	13.40	13.40	-5176.43	-21356.90	4.126
-69	8.25	0.00 XX	8 SLD	13.40	13.40	3980.18	21356.90	5.366
-69	8.25	0.00 XX	8 SLD	13.40	13.40	-672.02	-21356.90	31.780
-69	8.25	0.00 XX	11 SLD	13.40	13.40	-163.86	-21356.90	130.333
-69	8.25	0.00 XX	11 SLD	13.40	13.40	3472.02	21356.90	6.151
-69	8.25	0.00 XX	14 SLD	13.40	13.40	9913.29	21356.90	2.154
-69	8.25	0.00 XX	14 SLD	13.40	13.40	-4052.63	-21356.90	5.270
-69	8.25	0.00 XX	17 SLD	13.40	13.40	9760.84	21356.90	2.188
-69	8.25	0.00 XX	17 SLD	13.40	13.40	-3900.18	-21356.90	5.476
-69	8.25	0.00 XX	20 SLD	13.40	13.40	5256.43	21356.90	4.063
-69	8.25	0.00 XX	20 SLD	13.40	13.40	604.23	21356.90	35.346
-69	8.25	0.00 XX	23 SLD	13.40	13.40	1112.39	21356.90	19.199
-69	8.25	0.00 XX	23 SLD	13.40	13.40	4748.27	21356.90	4.498
-70	9.25	0.00 XX	2 SLD	13.40	13.40	9054.41	21356.90	2.359
-70	9.25	0.00 XX	2 SLD	13.40	13.40	-5201.91	-21356.90	4.106
-70	9.25	0.00 XX	5 SLD	13.40	13.40	8647.00	21356.90	2.470
-70	9.25	0.00 XX	5 SLD	13.40	13.40	-5394.40	-21356.90	3.959
-70	9.25	0.00 XX	8 SLD	13.40	13.40	3927.73	21356.90	5.437
-70	9.25	0.00 XX	8 SLD	13.40	13.40	-675.13	-21356.90	31.634
-70	9.25	0.00 XX	11 SLD	13.40	13.40	-316.93	-21356.90	67.388
-70	9.25	0.00 XX	11 SLD	13.40	13.40	3569.53	21356.90	5.983
-70	9.25	0.00 XX	14 SLD	13.40	13.40	7456.39	21356.90	2.864
-70	9.25	0.00 XX	14 SLD	13.40	13.40	-6799.92	-21356.90	3.141
-70	9.25	0.00 XX	17 SLD	13.40	13.40	7348.93	21356.90	2.906
-70	9.25	0.00 XX	17 SLD	13.40	13.40	-6692.46	-21356.90	3.191
-70	9.25	0.00 XX	20 SLD	13.40	13.40	2629.66	21356.90	8.122
-70	9.25	0.00 XX	20 SLD	13.40	13.40	-1973.19	-21356.90	10.823
-70	9.25	0.00 XX	23 SLD	13.40	13.40	-1614.99	-21356.90	13.224
-70	9.25	0.00 XX	23 SLD	13.40	13.40	2271.46	21356.90	9.402
-71	12.00	0.00 XX	1 SLV	13.40	13.40	7985.26	18418.50	2.307
-71	12.00	0.00 XX	1 SLV	13.40	13.40	-6246.66	-18418.50	2.949
-71	12.00	0.00 XX	4 SLV	13.40	13.40	7853.21	18418.50	2.345
-71	12.00	0.00 XX	4 SLV	13.40	13.40	-6114.61	-18418.50	3.012
-71	12.00	0.00 XX	7 SLV	13.40	13.40	3204.37	18418.50	5.748
-71	12.00	0.00 XX	7 SLV	13.40	13.40	-1465.78	-18418.50	12.566
-71	12.00	0.00 XX	10 SLV	13.40	13.40	-1025.59	-18418.50	17.959
-71	12.00	0.00 XX	10 SLV	13.40	13.40	2764.19	18418.50	6.663
-71	12.00	0.00 XX	13 SLV	13.40	13.40	9280.99	18418.50	1.985
-71	12.00	0.00 XX	13 SLV	13.40	13.40	-4950.94	-18418.50	3.720
-71	12.00	0.00 XX	16 SLV	13.40	13.40	9148.93	18418.50	2.013
-71	12.00	0.00 XX	16 SLV	13.40	13.40	-4818.88	-18418.50	3.822
-71	12.00	0.00 XX	19 SLV	13.40	13.40	4500.10	18418.50	4.093
-71	12.00	0.00 XX	19 SLV	13.40	13.40	-170.05	-18418.50	108.314
-71	12.00	0.00 XX	22 SLV	13.40	13.40	270.14	18418.50	68.181
-71	12.00	0.00 XX	22 SLV	13.40	13.40	4059.91	18418.50	4.537
-71	12.00	0.00 XX	25 SLU	13.40	13.40	1705.52	18418.50	10.799
-71	12.00	0.00 XX	26 SLU	13.40	13.40	2677.20	18418.50	6.880
-71	12.00	0.00 XX	27 SLU	13.40	13.40	2200.60	18418.50	8.370

-71	12.00	0.00 XX	28 SLU	13.40	13.40	2182.12	18418.50	8.441
-72	13.00	0.00 XX	1 SLV	13.40	13.40	8984.84	18418.50	2.050
-72	13.00	0.00 XX	1 SLV	13.40	13.40	-5231.63	-18418.50	3.521
-72	13.00	0.00 XX	4 SLV	13.40	13.40	8869.59	18418.50	2.077
-72	13.00	0.00 XX	4 SLV	13.40	13.40	-5116.38	-18418.50	3.600
-72	13.00	0.00 XX	7 SLV	13.40	13.40	4183.88	18418.50	4.402
-72	13.00	0.00 XX	7 SLV	13.40	13.40	-430.67	-18418.50	42.768
-72	13.00	0.00 XX	10 SLV	13.40	13.40	-46.49	-18418.50	396.171
-72	13.00	0.00 XX	10 SLV	13.40	13.40	3799.70	18418.50	4.847
-72	13.00	0.00 XX	13 SLV	13.40	13.40	7688.67	18418.50	2.396
-72	13.00	0.00 XX	13 SLV	13.40	13.40	-6527.81	-18418.50	2.822
-72	13.00	0.00 XX	16 SLV	13.40	13.40	7573.42	18418.50	2.432
-72	13.00	0.00 XX	16 SLV	13.40	13.40	-6412.55	-18418.50	2.872
-72	13.00	0.00 XX	19 SLV	13.40	13.40	2887.70	18418.50	6.378
-72	13.00	0.00 XX	19 SLV	13.40	13.40	-1726.84	-18418.50	10.666
-72	13.00	0.00 XX	22 SLV	13.40	13.40	-1342.66	-18418.50	13.718
-72	13.00	0.00 XX	22 SLV	13.40	13.40	2503.53	18418.50	7.357
-72	13.00	0.00 XX	25 SLU	13.40	13.40	1904.68	18418.50	9.670
-72	13.00	0.00 XX	26 SLU	13.40	13.40	932.90	18418.50	19.743
-72	13.00	0.00 XX	27 SLU	13.40	13.40	1413.08	18418.50	13.034
-72	13.00	0.00 XX	28 SLU	13.40	13.40	1424.50	18418.50	12.930
-71	12.00	0.00 XX	2 SLD	13.40	13.40	8281.86	21356.90	2.579
-71	12.00	0.00 XX	2 SLD	13.40	13.40	-5950.34	-21356.90	3.589
-71	12.00	0.00 XX	5 SLD	13.40	13.40	7908.99	21356.90	2.700
-71	12.00	0.00 XX	5 SLD	13.40	13.40	-6076.85	-21356.90	3.514
-71	12.00	0.00 XX	8 SLD	13.40	13.40	3237.73	21356.90	6.596
-71	12.00	0.00 XX	8 SLD	13.40	13.40	-1405.59	-21356.90	15.194
-71	12.00	0.00 XX	11 SLD	13.40	13.40	-994.98	-21356.90	21.465
-71	12.00	0.00 XX	11 SLD	13.40	13.40	2827.12	21356.90	7.554
-71	12.00	0.00 XX	14 SLD	13.40	13.40	9328.74	21356.90	2.289
-71	12.00	0.00 XX	14 SLD	13.40	13.40	-4903.46	-21356.90	4.355
-71	12.00	0.00 XX	17 SLD	13.40	13.40	9205.56	21356.90	2.320
-71	12.00	0.00 XX	17 SLD	13.40	13.40	-4780.28	-21356.90	4.468
-71	12.00	0.00 XX	20 SLD	13.40	13.40	4534.30	21356.90	4.710
-71	12.00	0.00 XX	20 SLD	13.40	13.40	-109.02	-21356.90	195.904
-71	12.00	0.00 XX	23 SLD	13.40	13.40	301.59	21356.90	70.815
-71	12.00	0.00 XX	23 SLD	13.40	13.40	4123.69	21356.90	5.179
-72	13.00	0.00 XX	2 SLD	13.40	13.40	9227.38	21356.90	2.315
-72	13.00	0.00 XX	2 SLD	13.40	13.40	-4990.88	-21356.90	4.279
-72	13.00	0.00 XX	5 SLD	13.40	13.40	8830.42	21356.90	2.419
-72	13.00	0.00 XX	5 SLD	13.40	13.40	-5172.09	-21356.90	4.129
-72	13.00	0.00 XX	8 SLD	13.40	13.40	4125.52	21356.90	5.177
-72	13.00	0.00 XX	8 SLD	13.40	13.40	-467.18	-21356.90	45.714
-72	13.00	0.00 XX	11 SLD	13.40	13.40	-107.60	-21356.90	198.485
-72	13.00	0.00 XX	11 SLD	13.40	13.40	3765.93	21356.90	5.671
-72	13.00	0.00 XX	14 SLD	13.40	13.40	7641.28	21356.90	2.795
-72	13.00	0.00 XX	14 SLD	13.40	13.40	-6576.98	-21356.90	3.247
-72	13.00	0.00 XX	17 SLD	13.40	13.40	7533.41	21356.90	2.835
-72	13.00	0.00 XX	17 SLD	13.40	13.40	-6469.10	-21356.90	3.301
-72	13.00	0.00 XX	20 SLD	13.40	13.40	2828.50	21356.90	7.551
-72	13.00	0.00 XX	20 SLD	13.40	13.40	-1764.20	-21356.90	12.106
-72	13.00	0.00 XX	23 SLD	13.40	13.40	-1404.61	-21356.90	15.205
-72	13.00	0.00 XX	23 SLD	13.40	13.40	2468.92	21356.90	8.650
-74	16.75	0.00 XX	1 SLV	13.40	13.40	9542.71	18418.50	1.930
-74	16.75	0.00 XX	1 SLV	13.40	13.40	-4373.42	-18418.50	4.211
-74	16.75	0.00 XX	4 SLV	13.40	13.40	9439.11	18418.50	1.951
-74	16.75	0.00 XX	4 SLV	13.40	13.40	-4269.83	-18418.50	4.314
-74	16.75	0.00 XX	7 SLV	13.40	13.40	4829.19	18418.50	3.814
-74	16.75	0.00 XX	7 SLV	13.40	13.40	340.10	18418.50	54.157
-74	16.75	0.00 XX	10 SLV	13.40	13.40	685.42	18418.50	26.872
-74	16.75	0.00 XX	10 SLV	13.40	13.40	4483.86	18418.50	4.108
-74	16.75	0.00 XX	13 SLV	13.40	13.40	8263.40	18418.50	2.229
-74	16.75	0.00 XX	13 SLV	13.40	13.40	-5652.73	-18418.50	3.258
-74	16.75	0.00 XX	16 SLV	13.40	13.40	8159.80	18418.50	2.257
-74	16.75	0.00 XX	16 SLV	13.40	13.40	-5549.13	-18418.50	3.319
-74	16.75	0.00 XX	19 SLV	13.40	13.40	3549.88	18418.50	5.188
-74	16.75	0.00 XX	19 SLV	13.40	13.40	-939.21	-18418.50	19.611
-74	16.75	0.00 XX	22 SLV	13.40	13.40	-593.88	-18418.50	31.014
-74	16.75	0.00 XX	22 SLV	13.40	13.40	3204.55	18418.50	5.748
-74	16.75	0.00 XX	25 SLU	13.40	13.40	2848.06	18418.50	6.467
-74	16.75	0.00 XX	26 SLU	13.40	13.40	1896.18	18418.50	9.713
-74	16.75	0.00 XX	27 SLU	13.40	13.40	2372.86	18418.50	7.762
-74	16.75	0.00 XX	28 SLU	13.40	13.40	2371.39	18418.50	7.767
-73	15.75	0.00 XX	1 SLV	13.40	13.40	7862.41	18418.50	2.343
-73	15.75	0.00 XX	1 SLV	13.40	13.40	-6414.38	-18418.50	2.871
-73	15.75	0.00 XX	4 SLV	13.40	13.40	7725.81	18418.50	2.384
-73	15.75	0.00 XX	4 SLV	13.40	13.40	-6277.78	-18418.50	2.934
-73	15.75	0.00 XX	7 SLV	13.40	13.40	3072.71	18418.50	5.994
-73	15.75	0.00 XX	7 SLV	13.40	13.40	-1624.68	-18418.50	11.337
-73	15.75	0.00 XX	10 SLV	13.40	13.40	-1169.35	-18418.50	15.751
-73	15.75	0.00 XX	10 SLV	13.40	13.40	2617.38	18418.50	7.037

-73	15.75	0.00 XX	13 SLV	13.40	13.40	9159.81	18418.50	2.011
-73	15.75	0.00 XX	13 SLV	13.40	13.40	-5116.98	-18418.50	3.599
-73	15.75	0.00 XX	16 SLV	13.40	13.40	9023.21	18418.50	2.041
-73	15.75	0.00 XX	16 SLV	13.40	13.40	-4980.39	-18418.50	3.698
-73	15.75	0.00 XX	19 SLV	13.40	13.40	4370.10	18418.50	4.215
-73	15.75	0.00 XX	19 SLV	13.40	13.40	-327.28	-18418.50	56.278
-73	15.75	0.00 XX	22 SLV	13.40	13.40	128.04	18418.50	143.845
-73	15.75	0.00 XX	22 SLV	13.40	13.40	3914.78	18418.50	4.705
-73	15.75	0.00 XX	25 SLU	13.40	13.40	1550.38	18418.50	11.880
-73	15.75	0.00 XX	26 SLU	13.40	13.40	2524.84	18418.50	7.295
-73	15.75	0.00 XX	27 SLU	13.40	13.40	2047.52	18418.50	8.996
-73	15.75	0.00 XX	28 SLU	13.40	13.40	2027.70	18418.50	9.083
-74	16.75	0.00 XX	2 SLD	13.40	13.40	9827.24	21356.90	2.173
-74	16.75	0.00 XX	2 SLD	13.40	13.40	-4090.86	-21356.90	5.221
-74	16.75	0.00 XX	5 SLD	13.40	13.40	9389.17	21356.90	2.275
-74	16.75	0.00 XX	5 SLD	13.40	13.40	-4335.73	-21356.90	4.926
-74	16.75	0.00 XX	8 SLD	13.40	13.40	4760.94	21356.90	4.486
-74	16.75	0.00 XX	8 SLD	13.40	13.40	292.50	21356.90	73.015
-74	16.75	0.00 XX	11 SLD	13.40	13.40	614.49	21356.90	34.756
-74	16.75	0.00 XX	11 SLD	13.40	13.40	4438.95	21356.90	4.811
-74	16.75	0.00 XX	14 SLD	13.40	13.40	8205.63	21356.90	2.603
-74	16.75	0.00 XX	14 SLD	13.40	13.40	-5712.47	-21356.90	3.739
-74	16.75	0.00 XX	17 SLD	13.40	13.40	8109.04	21356.90	2.634
-74	16.75	0.00 XX	17 SLD	13.40	13.40	-5615.87	-21356.90	3.803
-74	16.75	0.00 XX	20 SLD	13.40	13.40	3480.80	21356.90	6.136
-74	16.75	0.00 XX	20 SLD	13.40	13.40	-987.64	-21356.90	21.624
-74	16.75	0.00 XX	23 SLD	13.40	13.40	-665.65	-21356.90	32.084
-74	16.75	0.00 XX	23 SLD	13.40	13.40	3158.81	21356.90	6.761
-73	15.75	0.00 XX	2 SLD	13.40	13.40	8178.04	21356.90	2.611
-73	15.75	0.00 XX	2 SLD	13.40	13.40	-6098.62	-21356.90	3.502
-73	15.75	0.00 XX	5 SLD	13.40	13.40	7792.56	21356.90	2.741
-73	15.75	0.00 XX	5 SLD	13.40	13.40	-6229.54	-21356.90	3.428
-73	15.75	0.00 XX	8 SLD	13.40	13.40	3116.05	21356.90	6.854
-73	15.75	0.00 XX	8 SLD	13.40	13.40	-1553.03	-21356.90	13.752
-73	15.75	0.00 XX	11 SLD	13.40	13.40	-1128.76	-21356.90	18.921
-73	15.75	0.00 XX	11 SLD	13.40	13.40	2691.78	21356.90	7.934
-73	15.75	0.00 XX	14 SLD	13.40	13.40	9218.07	21356.90	2.317
-73	15.75	0.00 XX	14 SLD	13.40	13.40	-5058.58	-21356.90	4.222
-73	15.75	0.00 XX	17 SLD	13.40	13.40	9090.79	21356.90	2.349
-73	15.75	0.00 XX	17 SLD	13.40	13.40	-4931.30	-21356.90	4.331
-73	15.75	0.00 XX	20 SLD	13.40	13.40	4414.29	21356.90	4.838
-73	15.75	0.00 XX	20 SLD	13.40	13.40	-254.80	-21356.90	83.820
-73	15.75	0.00 XX	23 SLD	13.40	13.40	169.47	21356.90	126.018
-73	15.75	0.00 XX	23 SLD	13.40	13.40	3990.02	21356.90	5.353
-76	20.50	0.00 XX	1 SLV	13.40	13.40	9703.72	18418.50	1.898
-76	20.50	0.00 XX	1 SLV	13.40	13.40	-2050.24	-18418.50	8.984
-76	20.50	0.00 XX	4 SLV	13.40	13.40	9379.39	18418.50	1.964
-76	20.50	0.00 XX	4 SLV	13.40	13.40	-1725.91	-18418.50	10.672
-76	20.50	0.00 XX	7 SLV	13.40	13.40	6081.74	18418.50	3.028
-76	20.50	0.00 XX	7 SLV	13.40	13.40	1571.74	18418.50	11.719
-76	20.50	0.00 XX	10 SLV	13.40	13.40	2652.85	18418.50	6.943
-76	20.50	0.00 XX	10 SLV	13.40	13.40	5000.63	18418.50	3.683
-76	20.50	0.00 XX	13 SLV	13.40	13.40	8557.64	18418.50	2.152
-76	20.50	0.00 XX	13 SLV	13.40	13.40	-3196.32	-18418.50	5.762
-76	20.50	0.00 XX	16 SLV	13.40	13.40	8233.31	18418.50	2.237
-76	20.50	0.00 XX	16 SLV	13.40	13.40	-2871.99	-18418.50	6.413
-76	20.50	0.00 XX	19 SLV	13.40	13.40	4935.66	18418.50	3.732
-76	20.50	0.00 XX	19 SLV	13.40	13.40	425.66	18418.50	43.270
-76	20.50	0.00 XX	22 SLV	13.40	13.40	1506.77	18418.50	12.224
-76	20.50	0.00 XX	22 SLV	13.40	13.40	3854.55	18418.50	4.778
-76	20.50	0.00 XX	25 SLU	13.40	13.40	4686.01	18418.50	3.931
-76	20.50	0.00 XX	26 SLU	13.40	13.40	3898.34	18418.50	4.725
-76	20.50	0.00 XX	27 SLU	13.40	13.40	4333.09	18418.50	4.251
-76	20.50	0.00 XX	28 SLU	13.40	13.40	4251.26	18418.50	4.332
-75	19.50	0.00 XX	1 SLV	13.40	13.40	7068.46	18418.50	2.606
-75	19.50	0.00 XX	1 SLV	13.40	13.40	-7231.21	-18418.50	2.547
-75	19.50	0.00 XX	4 SLV	13.40	13.40	6943.91	18418.50	2.652
-75	19.50	0.00 XX	4 SLV	13.40	13.40	-7106.66	-18418.50	2.592
-75	19.50	0.00 XX	7 SLV	13.40	13.40	2252.48	18418.50	8.177
-75	19.50	0.00 XX	7 SLV	13.40	13.40	-2415.23	-18418.50	7.626
-75	19.50	0.00 XX	10 SLV	13.40	13.40	-2000.06	-18418.50	9.209
-75	19.50	0.00 XX	10 SLV	13.40	13.40	1837.31	18418.50	10.025
-75	19.50	0.00 XX	13 SLV	13.40	13.40	8365.90	18418.50	2.202
-75	19.50	0.00 XX	13 SLV	13.40	13.40	-5933.77	-18418.50	3.104
-75	19.50	0.00 XX	16 SLV	13.40	13.40	8241.35	18418.50	2.235
-75	19.50	0.00 XX	16 SLV	13.40	13.40	-5809.22	-18418.50	3.171
-75	19.50	0.00 XX	19 SLV	13.40	13.40	3549.92	18418.50	5.188
-75	19.50	0.00 XX	19 SLV	13.40	13.40	-1117.79	-18418.50	16.478
-75	19.50	0.00 XX	22 SLV	13.40	13.40	-702.62	-18418.50	26.214
-75	19.50	0.00 XX	22 SLV	13.40	13.40	3134.75	18418.50	5.876
-75	19.50	0.00 XX	25 SLU	13.40	13.40	399.24	18418.50	46.134

-75	19.50	0.00 XX	26 SLU	13.40	13.40	1376.11	18418.50	13.384
-75	19.50	0.00 XX	27 SLU	13.40	13.40	895.37	18418.50	20.571
-75	19.50	0.00 XX	28 SLU	13.40	13.40	879.98	18418.50	20.930
-76	20.50	0.00 XX	2 SLD	13.40	13.40	10118.00	21356.90	2.111
-76	20.50	0.00 XX	2 SLD	13.40	13.40	-1617.92	-21356.90	13.200
-76	20.50	0.00 XX	5 SLD	13.40	13.40	9350.87	21356.90	2.284
-76	20.50	0.00 XX	5 SLD	13.40	13.40	-1787.37	-21356.90	11.949
-76	20.50	0.00 XX	8 SLD	13.40	13.40	5995.34	21356.90	3.562
-76	20.50	0.00 XX	8 SLD	13.40	13.40	1568.16	21356.90	13.619
-76	20.50	0.00 XX	11 SLD	13.40	13.40	2564.23	21356.90	8.329
-76	20.50	0.00 XX	11 SLD	13.40	13.40	4999.28	21356.90	4.272
-76	20.50	0.00 XX	14 SLD	13.40	13.40	8502.86	21356.90	2.512
-76	20.50	0.00 XX	14 SLD	13.40	13.40	-3233.01	-21356.90	6.606
-76	20.50	0.00 XX	17 SLD	13.40	13.40	8204.04	21356.90	2.603
-76	20.50	0.00 XX	17 SLD	13.40	13.40	-2934.19	-21356.90	7.279
-76	20.50	0.00 XX	20 SLD	13.40	13.40	4848.51	21356.90	4.405
-76	20.50	0.00 XX	20 SLD	13.40	13.40	421.33	21356.90	50.689
-76	20.50	0.00 XX	23 SLD	13.40	13.40	1417.40	21356.90	15.068
-76	20.50	0.00 XX	23 SLD	13.40	13.40	3852.45	21356.90	5.544
-75	19.50	0.00 XX	2 SLD	13.40	13.40	7267.34	21356.90	2.939
-75	19.50	0.00 XX	2 SLD	13.40	13.40	-7033.45	-21356.90	3.036
-75	19.50	0.00 XX	5 SLD	13.40	13.40	6998.81	21356.90	3.052
-75	19.50	0.00 XX	5 SLD	13.40	13.40	-7069.06	-21356.90	3.021
-75	19.50	0.00 XX	8 SLD	13.40	13.40	2286.61	21356.90	9.340
-75	19.50	0.00 XX	8 SLD	13.40	13.40	-2356.86	-21356.90	9.062
-75	19.50	0.00 XX	11 SLD	13.40	13.40	-1968.69	-21356.90	10.848
-75	19.50	0.00 XX	11 SLD	13.40	13.40	1898.44	21356.90	11.250
-75	19.50	0.00 XX	14 SLD	13.40	13.40	8413.55	21356.90	2.538
-75	19.50	0.00 XX	14 SLD	13.40	13.40	-5887.23	-21356.90	3.628
-75	19.50	0.00 XX	17 SLD	13.40	13.40	8297.10	21356.90	2.574
-75	19.50	0.00 XX	17 SLD	13.40	13.40	-5770.77	-21356.90	3.701
-75	19.50	0.00 XX	20 SLD	13.40	13.40	3584.90	21356.90	5.957
-75	19.50	0.00 XX	20 SLD	13.40	13.40	-1058.57	-21356.90	20.175
-75	19.50	0.00 XX	23 SLD	13.40	13.40	-670.40	-21356.90	31.857
-75	19.50	0.00 XX	23 SLD	13.40	13.40	3196.72	21356.90	6.681
-77	23.25	0.00 XX	1 SLV	13.40	13.40	3157.18	18418.50	5.834
-77	23.25	0.00 XX	1 SLV	13.40	13.40	-8259.19	-18418.50	2.230
-77	23.25	0.00 XX	4 SLV	13.40	13.40	2633.82	18418.50	6.993
-77	23.25	0.00 XX	4 SLV	13.40	13.40	-7735.83	-18418.50	2.381
-77	23.25	0.00 XX	7 SLV	13.40	13.40	-44.79	-18418.50	411.246
-77	23.25	0.00 XX	7 SLV	13.40	13.40	-5057.23	-18418.50	3.642
-77	23.25	0.00 XX	10 SLV	13.40	13.40	-3312.69	-18418.50	5.560
-77	23.25	0.00 XX	10 SLV	13.40	13.40	-1789.32	-18418.50	10.294
-77	23.25	0.00 XX	13 SLV	13.40	13.40	4293.42	18418.50	4.290
-77	23.25	0.00 XX	13 SLV	13.40	13.40	-7122.95	-18418.50	2.586
-77	23.25	0.00 XX	16 SLV	13.40	13.40	3770.06	18418.50	4.885
-77	23.25	0.00 XX	16 SLV	13.40	13.40	-6599.59	-18418.50	2.791
-77	23.25	0.00 XX	19 SLV	13.40	13.40	1091.45	18418.50	16.875
-77	23.25	0.00 XX	19 SLV	13.40	13.40	-3920.99	-18418.50	4.697
-77	23.25	0.00 XX	22 SLV	13.40	13.40	-2176.45	-18418.50	8.463
-77	23.25	0.00 XX	22 SLV	13.40	13.40	-653.08	-18418.50	28.202
-77	23.25	0.00 XX	25 SLU	13.40	13.40	-3136.52	-18418.50	5.872
-77	23.25	0.00 XX	26 SLU	13.40	13.40	-2385.83	-18418.50	7.720
-77	23.25	0.00 XX	27 SLU	13.40	13.40	-2825.01	-18418.50	6.520
-77	23.25	0.00 XX	28 SLU	13.40	13.40	-2697.34	-18418.50	6.828
-78	24.25	0.00 XX	2 SLD	13.40	13.40	8406.96	21356.90	2.540
-78	24.25	0.00 XX	2 SLD	13.40	13.40	-226.22	-21356.90	94.409
-78	24.25	0.00 XX	5 SLD	13.40	13.40	4839.45	21356.90	4.413
-78	24.25	0.00 XX	5 SLD	13.40	13.40	-3739.42	-21356.90	5.711
-78	24.25	0.00 XX	8 SLD	13.40	13.40	1886.17	21356.90	11.323
-78	24.25	0.00 XX	8 SLD	13.40	13.40	-786.14	-21356.90	27.167
-78	24.25	0.00 XX	11 SLD	13.40	13.40	-695.64	-21356.90	30.701
-78	24.25	0.00 XX	11 SLD	13.40	13.40	1795.67	21356.90	11.894
-78	24.25	0.00 XX	14 SLD	13.40	13.40	4011.18	21356.90	5.324
-78	24.25	0.00 XX	14 SLD	13.40	13.40	-4621.99	-21356.90	4.621
-78	24.25	0.00 XX	17 SLD	13.40	13.40	3984.03	21356.90	5.361
-78	24.25	0.00 XX	17 SLD	13.40	13.40	-4594.84	-21356.90	4.648
-78	24.25	0.00 XX	20 SLD	13.40	13.40	1030.75	21356.90	20.720
-78	24.25	0.00 XX	20 SLD	13.40	13.40	-1641.56	-21356.90	13.010
-78	24.25	0.00 XX	23 SLD	13.40	13.40	-1551.06	-21356.90	13.769
-78	24.25	0.00 XX	23 SLD	13.40	13.40	940.25	21356.90	22.714
-77	23.25	0.00 XX	2 SLD	13.40	13.40	4139.13	21356.90	5.160
-77	23.25	0.00 XX	2 SLD	13.40	13.40	-7242.82	-21356.90	2.949
-77	23.25	0.00 XX	5 SLD	13.40	13.40	2719.35	21356.90	7.854
-77	23.25	0.00 XX	5 SLD	13.40	13.40	-7698.88	-21356.90	2.774
-77	23.25	0.00 XX	8 SLD	13.40	13.40	-51.65	-21356.90	413.475
-77	23.25	0.00 XX	8 SLD	13.40	13.40	-4927.88	-21356.90	4.334
-77	23.25	0.00 XX	11 SLD	13.40	13.40	-3321.68	-21356.90	6.430
-77	23.25	0.00 XX	11 SLD	13.40	13.40	-1657.85	-21356.90	12.882
-77	23.25	0.00 XX	14 SLD	13.40	13.40	4338.19	21356.90	4.923
-77	23.25	0.00 XX	14 SLD	13.40	13.40	-7043.76	-21356.90	3.032

-77	23.25	0.00 XX	17 SLD	13.40	13.40	3856.33	21356.90	5.538
-77	23.25	0.00 XX	17 SLD	13.40	13.40	-6561.90	-21356.90	3.255
-77	23.25	0.00 XX	20 SLD	13.40	13.40	1085.32	21356.90	19.678
-77	23.25	0.00 XX	20 SLD	13.40	13.40	-3790.90	-21356.90	5.634
-77	23.25	0.00 XX	23 SLD	13.40	13.40	-2184.70	-21356.90	9.776
-77	23.25	0.00 XX	23 SLD	13.40	13.40	-520.87	-21356.90	41.002
-78	24.25	0.00 XX	1 SLV	13.40	13.40	4904.50	18418.50	3.755
-78	24.25	0.00 XX	1 SLV	13.40	13.40	-3723.38	-18418.50	4.947
-78	24.25	0.00 XX	4 SLV	13.40	13.40	4877.05	18418.50	3.777
-78	24.25	0.00 XX	4 SLV	13.40	13.40	-3695.93	-18418.50	4.983
-78	24.25	0.00 XX	7 SLV	13.40	13.40	1926.37	18418.50	9.561
-78	24.25	0.00 XX	7 SLV	13.40	13.40	-745.26	-18418.50	24.714
-78	24.25	0.00 XX	10 SLV	13.40	13.40	-653.76	-18418.50	28.173
-78	24.25	0.00 XX	10 SLV	13.40	13.40	1834.88	18418.50	10.038
-78	24.25	0.00 XX	13 SLV	13.40	13.40	4049.64	18418.50	4.548
-78	24.25	0.00 XX	13 SLV	13.40	13.40	-4578.25	-18418.50	4.023
-78	24.25	0.00 XX	16 SLV	13.40	13.40	4022.19	18418.50	4.579
-78	24.25	0.00 XX	16 SLV	13.40	13.40	-4550.80	-18418.50	4.047
-78	24.25	0.00 XX	19 SLV	13.40	13.40	1071.51	18418.50	17.189
-78	24.25	0.00 XX	19 SLV	13.40	13.40	-1600.12	-18418.50	11.511
-78	24.25	0.00 XX	22 SLV	13.40	13.40	-1508.62	-18418.50	12.209
-78	24.25	0.00 XX	22 SLV	13.40	13.40	980.01	18418.50	18.794
-78	24.25	0.00 XX	25 SLU	13.40	13.40	30.86	18418.50	596.770
-78	24.25	0.00 XX	26 SLU	13.40	13.40	-561.83	-18418.50	32.783
-78	24.25	0.00 XX	27 SLU	13.40	13.40	-263.80	-18418.50	69.821
-78	24.25	0.00 XX	28 SLU	13.40	13.40	-267.17	-18418.50	68.939
-266	23.75	9.13 XX	1 SLV	13.40	13.40	-535.68	-18418.50	34.384
-266	23.75	9.13 XX	1 SLV	13.40	13.40	-2354.10	-18418.50	7.824
-266	23.75	9.13 XX	4 SLV	13.40	13.40	-600.95	-18418.50	30.649
-266	23.75	9.13 XX	4 SLV	13.40	13.40	-2288.83	-18418.50	8.047
-266	23.75	9.13 XX	7 SLV	13.40	13.40	-1073.13	-18418.50	17.163
-266	23.75	9.13 XX	7 SLV	13.40	13.40	-1816.64	-18418.50	10.139
-266	23.75	9.13 XX	10 SLV	13.40	13.40	-1599.08	-18418.50	11.518
-266	23.75	9.13 XX	10 SLV	13.40	13.40	-1290.70	-18418.50	14.270
-266	23.75	9.13 XX	13 SLV	13.40	13.40	-614.56	-18418.50	29.970
-266	23.75	9.13 XX	13 SLV	13.40	13.40	-2432.98	-18418.50	7.570
-266	23.75	9.13 XX	16 SLV	13.40	13.40	-679.83	-18418.50	27.093
-266	23.75	9.13 XX	16 SLV	13.40	13.40	-2367.71	-18418.50	7.779
-266	23.75	9.13 XX	19 SLV	13.40	13.40	-1152.01	-18418.50	15.988
-266	23.75	9.13 XX	19 SLV	13.40	13.40	-1895.53	-18418.50	9.717
-266	23.75	9.13 XX	22 SLV	13.40	13.40	-1677.96	-18418.50	10.977
-266	23.75	9.13 XX	22 SLV	13.40	13.40	-1369.58	-18418.50	13.448
-266	23.75	9.13 XX	25 SLU	13.40	13.40	-1990.25	-18418.50	9.254
-266	23.75	9.13 XX	26 SLU	13.40	13.40	-1869.43	-18418.50	9.852
-266	23.75	9.13 XX	27 SLU	13.40	13.40	-1922.74	-18418.50	9.579
-266	23.75	9.13 XX	28 SLU	13.40	13.40	-1936.94	-18418.50	9.509
-266	23.75	9.13 XX	2 SLD	13.40	13.40	-166.13	-21356.90	128.553
-266	23.75	9.13 XX	2 SLD	13.40	13.40	-1980.54	-21356.90	10.783
-266	23.75	9.13 XX	5 SLD	13.40	13.40	-591.28	-21356.90	36.120
-266	23.75	9.13 XX	5 SLD	13.40	13.40	-2285.46	-21356.90	9.345
-266	23.75	9.13 XX	8 SLD	13.40	13.40	-1075.04	-21356.90	19.866
-266	23.75	9.13 XX	8 SLD	13.40	13.40	-1801.70	-21356.90	11.854
-266	23.75	9.13 XX	11 SLD	13.40	13.40	-1601.32	-21356.90	13.337
-266	23.75	9.13 XX	11 SLD	13.40	13.40	-1275.41	-21356.90	16.745
-266	23.75	9.13 XX	14 SLD	13.40	13.40	-610.10	-21356.90	35.005
-266	23.75	9.13 XX	14 SLD	13.40	13.40	-2424.51	-21356.90	8.809
-266	23.75	9.13 XX	17 SLD	13.40	13.40	-670.22	-21356.90	31.866
-266	23.75	9.13 XX	17 SLD	13.40	13.40	-2364.39	-21356.90	9.033
-266	23.75	9.13 XX	20 SLD	13.40	13.40	-1153.97	-21356.90	18.507
-266	23.75	9.13 XX	20 SLD	13.40	13.40	-1880.64	-21356.90	11.356
-266	23.75	9.13 XX	23 SLD	13.40	13.40	-1680.26	-21356.90	12.711
-266	23.75	9.13 XX	23 SLD	13.40	13.40	-1354.35	-21356.90	15.769
11	25.00	9.97 XX	1 SLV	13.40	13.40	3682.24	18418.50	5.002
11	25.00	9.97 XX	1 SLV	13.40	13.40	688.26	18418.50	26.761
11	25.00	9.97 XX	4 SLV	13.40	13.40	2743.01	18418.50	6.715
11	25.00	9.97 XX	4 SLV	13.40	13.40	1627.48	18418.50	11.317
11	25.00	9.97 XX	7 SLV	13.40	13.40	4058.84	18418.50	4.538
11	25.00	9.97 XX	7 SLV	13.40	13.40	311.65	18418.50	59.100
11	25.00	9.97 XX	10 SLV	13.40	13.40	3442.42	18418.50	5.350
11	25.00	9.97 XX	10 SLV	13.40	13.40	928.08	18418.50	19.846
11	25.00	9.97 XX	13 SLV	13.40	13.40	3620.00	18418.50	5.088
11	25.00	9.97 XX	13 SLV	13.40	13.40	626.02	18418.50	29.422
11	25.00	9.97 XX	16 SLV	13.40	13.40	2680.77	18418.50	6.871
11	25.00	9.97 XX	16 SLV	13.40	13.40	1565.25	18418.50	11.767
11	25.00	9.97 XX	19 SLV	13.40	13.40	3996.61	18418.50	4.609
11	25.00	9.97 XX	19 SLV	13.40	13.40	249.42	18418.50	73.846
11	25.00	9.97 XX	22 SLV	13.40	13.40	3380.18	18418.50	5.449
11	25.00	9.97 XX	22 SLV	13.40	13.40	865.84	18418.50	21.272
11	25.00	9.97 XX	25 SLU	13.40	13.40	2728.29	18418.50	6.751
11	25.00	9.97 XX	26 SLU	13.40	13.40	2751.46	18418.50	6.694
11	25.00	9.97 XX	27 SLU	13.40	13.40	2775.29	18418.50	6.637

11	25.00	9.97 XX	28 SLU	13.40	13.40	2704.47	18418.50	6.810
11	25.00	9.97 XX	2 SLD	13.40	13.40	3399.60	21356.90	6.282
11	25.00	9.97 XX	2 SLD	13.40	13.40	479.14	21356.90	44.573
11	25.00	9.97 XX	5 SLD	13.40	13.40	2778.77	21356.90	7.686
11	25.00	9.97 XX	5 SLD	13.40	13.40	1587.06	21356.90	13.457
11	25.00	9.97 XX	8 SLD	13.40	13.40	3931.96	21356.90	5.432
11	25.00	9.97 XX	8 SLD	13.40	13.40	433.88	21356.90	49.223
11	25.00	9.97 XX	11 SLD	13.40	13.40	3315.13	21356.90	6.442
11	25.00	9.97 XX	11 SLD	13.40	13.40	1050.70	21356.90	20.326
11	25.00	9.97 XX	14 SLD	13.40	13.40	3580.88	21356.90	5.964
11	25.00	9.97 XX	14 SLD	13.40	13.40	660.41	21356.90	32.339
11	25.00	9.97 XX	17 SLD	13.40	13.40	2716.50	21356.90	7.862
11	25.00	9.97 XX	17 SLD	13.40	13.40	1524.79	21356.90	14.007
11	25.00	9.97 XX	20 SLD	13.40	13.40	3869.69	21356.90	5.519
11	25.00	9.97 XX	20 SLD	13.40	13.40	371.61	21356.90	57.472
11	25.00	9.97 XX	23 SLD	13.40	13.40	3252.86	21356.90	6.566
11	25.00	9.97 XX	23 SLD	13.40	13.40	988.43	21356.90	21.607
-67	4.50	0.00 XX	1 SLV	13.40	13.40	8654.72	18418.50	2.128
-67	4.50	0.00 XX	1 SLV	13.40	13.40	-3182.74	-18418.50	5.787
-67	4.50	0.00 XX	4 SLV	13.40	13.40	8206.72	18418.50	2.244
-67	4.50	0.00 XX	4 SLV	13.40	13.40	-2734.74	-18418.50	6.735
-67	4.50	0.00 XX	7 SLV	13.40	13.40	5191.07	18418.50	3.548
-67	4.50	0.00 XX	7 SLV	13.40	13.40	280.91	18418.50	65.568
-67	4.50	0.00 XX	10 SLV	13.40	13.40	1774.24	18418.50	10.381
-67	4.50	0.00 XX	10 SLV	13.40	13.40	3697.75	18418.50	4.981
-67	4.50	0.00 XX	13 SLV	13.40	13.40	9786.29	18418.50	1.882
-67	4.50	0.00 XX	13 SLV	13.40	13.40	-2051.17	-18418.50	8.980
-67	4.50	0.00 XX	16 SLV	13.40	13.40	9338.29	18418.50	1.972
-67	4.50	0.00 XX	16 SLV	13.40	13.40	-1603.17	-18418.50	11.489
-67	4.50	0.00 XX	19 SLV	13.40	13.40	6322.65	18418.50	2.913
-67	4.50	0.00 XX	19 SLV	13.40	13.40	1412.48	18418.50	13.040
-67	4.50	0.00 XX	22 SLV	13.40	13.40	2905.81	18418.50	6.339
-67	4.50	0.00 XX	22 SLV	13.40	13.40	4829.32	18418.50	3.814
-67	4.50	0.00 XX	25 SLU	13.40	13.40	4301.28	18418.50	4.282
-67	4.50	0.00 XX	26 SLU	13.40	13.40	5086.18	18418.50	3.621
-67	4.50	0.00 XX	27 SLU	13.40	13.40	4741.22	18418.50	3.885
-67	4.50	0.00 XX	28 SLU	13.40	13.40	4646.23	18418.50	3.964
-68	5.50	0.00 XX	1 SLV	13.40	13.40	8083.32	18418.50	2.279
-68	5.50	0.00 XX	1 SLV	13.40	13.40	-6207.46	-18418.50	2.967
-68	5.50	0.00 XX	4 SLV	13.40	13.40	7965.49	18418.50	2.312
-68	5.50	0.00 XX	4 SLV	13.40	13.40	-6089.63	-18418.50	3.025
-68	5.50	0.00 XX	7 SLV	13.40	13.40	3260.25	18418.50	5.649
-68	5.50	0.00 XX	7 SLV	13.40	13.40	-1384.39	-18418.50	13.304
-68	5.50	0.00 XX	10 SLV	13.40	13.40	-991.63	-18418.50	18.574
-68	5.50	0.00 XX	10 SLV	13.40	13.40	2867.49	18418.50	6.423
-68	5.50	0.00 XX	13 SLV	13.40	13.40	6789.74	18418.50	2.713
-68	5.50	0.00 XX	13 SLV	13.40	13.40	-7501.04	-18418.50	2.455
-68	5.50	0.00 XX	16 SLV	13.40	13.40	6671.91	18418.50	2.761
-68	5.50	0.00 XX	16 SLV	13.40	13.40	-7383.21	-18418.50	2.495
-68	5.50	0.00 XX	19 SLV	13.40	13.40	1966.67	18418.50	9.365
-68	5.50	0.00 XX	19 SLV	13.40	13.40	-2677.97	-18418.50	6.878
-68	5.50	0.00 XX	22 SLV	13.40	13.40	-2285.21	-18418.50	8.060
-68	5.50	0.00 XX	22 SLV	13.40	13.40	1573.92	18418.50	11.702
-68	5.50	0.00 XX	25 SLU	13.40	13.40	626.93	18418.50	29.379
-68	5.50	0.00 XX	26 SLU	13.40	13.40	-349.80	-18418.50	52.655
-68	5.50	0.00 XX	27 SLU	13.40	13.40	133.04	18418.50	138.447
-68	5.50	0.00 XX	28 SLU	13.40	13.40	144.10	18418.50	127.821
-67	4.50	0.00 XX	2 SLD	13.40	13.40	9173.24	21356.90	2.328
-67	4.50	0.00 XX	2 SLD	13.40	13.40	-2636.10	-21356.90	8.102
-67	4.50	0.00 XX	5 SLD	13.40	13.40	8264.91	21356.90	2.584
-67	4.50	0.00 XX	5 SLD	13.40	13.40	-2719.46	-21356.90	7.853
-67	4.50	0.00 XX	8 SLD	13.40	13.40	5169.72	21356.90	4.131
-67	4.50	0.00 XX	8 SLD	13.40	13.40	375.72	21356.90	56.843
-67	4.50	0.00 XX	11 SLD	13.40	13.40	1750.67	21356.90	12.199
-67	4.50	0.00 XX	11 SLD	13.40	13.40	3794.78	21356.90	5.628
-67	4.50	0.00 XX	14 SLD	13.40	13.40	9809.70	21356.90	2.177
-67	4.50	0.00 XX	14 SLD	13.40	13.40	-1999.64	-21356.90	10.680
-67	4.50	0.00 XX	17 SLD	13.40	13.40	9397.21	21356.90	2.273
-67	4.50	0.00 XX	17 SLD	13.40	13.40	-1587.16	-21356.90	13.456
-67	4.50	0.00 XX	20 SLD	13.40	13.40	6302.03	21356.90	3.389
-67	4.50	0.00 XX	20 SLD	13.40	13.40	1508.03	21356.90	14.162
-67	4.50	0.00 XX	23 SLD	13.40	13.40	2882.97	21356.90	7.408
-67	4.50	0.00 XX	23 SLD	13.40	13.40	4927.08	21356.90	4.335
-68	5.50	0.00 XX	2 SLD	13.40	13.40	8211.07	21356.90	2.601
-68	5.50	0.00 XX	2 SLD	13.40	13.40	-6081.23	-21356.90	3.512
-68	5.50	0.00 XX	5 SLD	13.40	13.40	7927.35	21356.90	2.694
-68	5.50	0.00 XX	5 SLD	13.40	13.40	-6144.65	-21356.90	3.476
-68	5.50	0.00 XX	8 SLD	13.40	13.40	3202.26	21356.90	6.669
-68	5.50	0.00 XX	8 SLD	13.40	13.40	-1419.55	-21356.90	15.045
-68	5.50	0.00 XX	11 SLD	13.40	13.40	-1052.39	-21356.90	20.294
-68	5.50	0.00 XX	11 SLD	13.40	13.40	2835.10	21356.90	7.533

-68	5.50	0.00 XX	14 SLD	13.40	13.40	6743.08	21356.90	3.167
-68	5.50	0.00 XX	14 SLD	13.40	13.40	-7549.22	-21356.90	2.829
-68	5.50	0.00 XX	17 SLD	13.40	13.40	6632.94	21356.90	3.220
-68	5.50	0.00 XX	17 SLD	13.40	13.40	-7439.07	-21356.90	2.871
-68	5.50	0.00 XX	20 SLD	13.40	13.40	1907.84	21356.90	11.194
-68	5.50	0.00 XX	20 SLD	13.40	13.40	-2713.97	-21356.90	7.869
-68	5.50	0.00 XX	23 SLD	13.40	13.40	-2346.81	-21356.90	9.100
-68	5.50	0.00 XX	23 SLD	13.40	13.40	1540.68	21356.90	13.862
-65	0.75	0.00 XX	1 SLV	13.40	13.40	4594.37	18418.50	4.009
-65	0.75	0.00 XX	1 SLV	13.40	13.40	-4249.52	-18418.50	4.334
-65	0.75	0.00 XX	4 SLV	13.40	13.40	4554.75	18418.50	4.044
-65	0.75	0.00 XX	4 SLV	13.40	13.40	-4209.90	-18418.50	4.375
-65	0.75	0.00 XX	7 SLV	13.40	13.40	1559.10	18418.50	11.814
-65	0.75	0.00 XX	7 SLV	13.40	13.40	-1214.25	-18418.50	15.169
-65	0.75	0.00 XX	10 SLV	13.40	13.40	-1082.18	-18418.50	17.020
-65	0.75	0.00 XX	10 SLV	13.40	13.40	1427.03	18418.50	12.907
-65	0.75	0.00 XX	13 SLV	13.40	13.40	5435.80	18418.50	3.388
-65	0.75	0.00 XX	13 SLV	13.40	13.40	-3408.09	-18418.50	5.404
-65	0.75	0.00 XX	16 SLV	13.40	13.40	5396.18	18418.50	3.413
-65	0.75	0.00 XX	16 SLV	13.40	13.40	-3368.47	-18418.50	5.468
-65	0.75	0.00 XX	19 SLV	13.40	13.40	2400.53	18418.50	7.673
-65	0.75	0.00 XX	19 SLV	13.40	13.40	-372.82	-18418.50	49.403
-65	0.75	0.00 XX	22 SLV	13.40	13.40	-240.75	-18418.50	76.505
-65	0.75	0.00 XX	22 SLV	13.40	13.40	2268.46	18418.50	8.119
-65	0.75	0.00 XX	25 SLV	13.40	13.40	286.90	18418.50	64.198
-65	0.75	0.00 XX	26 SLV	13.40	13.40	893.64	18418.50	20.610
-65	0.75	0.00 XX	27 SLV	13.40	13.40	583.99	18418.50	31.539
-65	0.75	0.00 XX	28 SLV	13.40	13.40	596.56	18418.50	30.875
-66	1.75	0.00 XX	1 SLV	13.40	13.40	4362.45	18418.50	4.222
-66	1.75	0.00 XX	1 SLV	13.40	13.40	-7090.23	-18418.50	2.598
-66	1.75	0.00 XX	4 SLV	13.40	13.40	3684.06	18418.50	5.000
-66	1.75	0.00 XX	4 SLV	13.40	13.40	-6411.84	-18418.50	2.873
-66	1.75	0.00 XX	7 SLV	13.40	13.40	1382.90	18418.50	13.319
-66	1.75	0.00 XX	7 SLV	13.40	13.40	-4110.68	-18418.50	4.481
-66	1.75	0.00 XX	10 SLV	13.40	13.40	-1849.38	-18418.50	9.959
-66	1.75	0.00 XX	10 SLV	13.40	13.40	-878.40	-18418.50	20.968
-66	1.75	0.00 XX	13 SLV	13.40	13.40	3239.96	18418.50	5.685
-66	1.75	0.00 XX	13 SLV	13.40	13.40	-8212.71	-18418.50	2.243
-66	1.75	0.00 XX	16 SLV	13.40	13.40	2561.57	18418.50	7.190
-66	1.75	0.00 XX	16 SLV	13.40	13.40	-7534.32	-18418.50	2.445
-66	1.75	0.00 XX	19 SLV	13.40	13.40	260.42	18418.50	70.727
-66	1.75	0.00 XX	19 SLV	13.40	13.40	-5233.17	-18418.50	3.520
-66	1.75	0.00 XX	22 SLV	13.40	13.40	-2971.87	-18418.50	6.198
-66	1.75	0.00 XX	22 SLV	13.40	13.40	-2000.88	-18418.50	9.205
-66	1.75	0.00 XX	25 SLV	13.40	13.40	-2786.49	-18418.50	6.610
-66	1.75	0.00 XX	26 SLV	13.40	13.40	-3529.00	-18418.50	5.219
-66	1.75	0.00 XX	27 SLV	13.40	13.40	-3231.79	-18418.50	5.699
-66	1.75	0.00 XX	28 SLV	13.40	13.40	-3083.70	-18418.50	5.973
-65	0.75	0.00 XX	2 SLD	13.40	13.40	8542.89	21356.90	2.500
-65	0.75	0.00 XX	2 SLD	13.40	13.40	-304.91	-21356.90	70.044
-65	0.75	0.00 XX	5 SLD	13.40	13.40	4593.77	21356.90	4.649
-65	0.75	0.00 XX	5 SLD	13.40	13.40	-4178.39	-21356.90	5.111
-65	0.75	0.00 XX	8 SLD	13.40	13.40	1592.22	21356.90	13.413
-65	0.75	0.00 XX	8 SLD	13.40	13.40	-1176.85	-21356.90	18.148
-65	0.75	0.00 XX	11 SLD	13.40	13.40	-1050.77	-21356.90	20.325
-65	0.75	0.00 XX	11 SLD	13.40	13.40	1466.15	21356.90	14.567
-65	0.75	0.00 XX	14 SLD	13.40	13.40	5473.57	21356.90	3.902
-65	0.75	0.00 XX	14 SLD	13.40	13.40	-3374.24	-21356.90	6.329
-65	0.75	0.00 XX	17 SLD	13.40	13.40	5435.74	21356.90	3.929
-65	0.75	0.00 XX	17 SLD	13.40	13.40	-3336.41	-21356.90	6.401
-65	0.75	0.00 XX	20 SLD	13.40	13.40	2434.20	21356.90	8.774
-65	0.75	0.00 XX	20 SLD	13.40	13.40	-334.87	-21356.90	63.777
-65	0.75	0.00 XX	23 SLD	13.40	13.40	-208.79	-21356.90	102.288
-65	0.75	0.00 XX	23 SLD	13.40	13.40	2308.12	21356.90	9.253
-66	1.75	0.00 XX	2 SLD	13.40	13.40	5292.23	21356.90	4.036
-66	1.75	0.00 XX	2 SLD	13.40	13.40	-6113.48	-21356.90	3.493
-66	1.75	0.00 XX	5 SLD	13.40	13.40	3663.11	21356.90	5.830
-66	1.75	0.00 XX	5 SLD	13.40	13.40	-6493.73	-21356.90	3.289
-66	1.75	0.00 XX	8 SLD	13.40	13.40	1242.61	21356.90	17.187
-66	1.75	0.00 XX	8 SLD	13.40	13.40	-4073.23	-21356.90	5.243
-66	1.75	0.00 XX	11 SLD	13.40	13.40	-1991.78	-21356.90	10.723
-66	1.75	0.00 XX	11 SLD	13.40	13.40	-838.84	-21356.90	25.460
-66	1.75	0.00 XX	14 SLD	13.40	13.40	3164.33	21356.90	6.749
-66	1.75	0.00 XX	14 SLD	13.40	13.40	-8241.38	-21356.90	2.591
-66	1.75	0.00 XX	17 SLD	13.40	13.40	2539.90	21356.90	8.409
-66	1.75	0.00 XX	17 SLD	13.40	13.40	-7616.95	-21356.90	2.804
-66	1.75	0.00 XX	20 SLD	13.40	13.40	119.39	21356.90	178.879
-66	1.75	0.00 XX	20 SLD	13.40	13.40	-5196.44	-21356.90	4.110
-66	1.75	0.00 XX	23 SLD	13.40	13.40	-3114.99	-21356.90	6.856
-66	1.75	0.00 XX	23 SLD	13.40	13.40	-1962.06	-21356.90	10.885
-200	23.75	6.42 XX	1 SLV	13.40	13.40	-614.24	-18418.50	29.986

-200	23.75	6.42 XX	1 SLV	13.40	13.40	-2432.66	-18418.50	7.571
-200	23.75	6.42 XX	4 SLV	13.40	13.40	-679.51	-18418.50	27.105
-200	23.75	6.42 XX	4 SLV	13.40	13.40	-2367.39	-18418.50	7.780
-200	23.75	6.42 XX	7 SLV	13.40	13.40	-1151.70	-18418.50	15.993
-200	23.75	6.42 XX	7 SLV	13.40	13.40	-1895.21	-18418.50	9.718
-200	23.75	6.42 XX	10 SLV	13.40	13.40	-1677.64	-18418.50	10.979
-200	23.75	6.42 XX	10 SLV	13.40	13.40	-1369.26	-18418.50	13.451
-200	23.75	6.42 XX	13 SLV	13.40	13.40	-535.36	-18418.50	34.404
-200	23.75	6.42 XX	13 SLV	13.40	13.40	-2353.78	-18418.50	7.825
-200	23.75	6.42 XX	16 SLV	13.40	13.40	-600.63	-18418.50	30.665
-200	23.75	6.42 XX	16 SLV	13.40	13.40	-2288.51	-18418.50	8.048
-200	23.75	6.42 XX	19 SLV	13.40	13.40	-1072.81	-18418.50	17.168
-200	23.75	6.42 XX	19 SLV	13.40	13.40	-1816.33	-18418.50	10.140
-200	23.75	6.42 XX	22 SLV	13.40	13.40	-1598.76	-18418.50	11.521
-200	23.75	6.42 XX	22 SLV	13.40	13.40	-1290.38	-18418.50	14.274
-200	23.75	6.42 XX	25 SLU	13.40	13.40	-1989.18	-18418.50	9.259
-200	23.75	6.42 XX	26 SLU	13.40	13.40	-1868.36	-18418.50	9.858
-200	23.75	6.42 XX	27 SLU	13.40	13.40	-1935.87	-18418.50	9.514
-200	23.75	6.42 XX	28 SLU	13.40	13.40	-1921.67	-18418.50	9.585
-200	23.75	6.42 XX	2 SLD	13.40	13.40	-244.59	-21356.90	87.316
-200	23.75	6.42 XX	2 SLD	13.40	13.40	-2059.00	-21356.90	10.373
-200	23.75	6.42 XX	5 SLD	13.40	13.40	-669.74	-21356.90	31.888
-200	23.75	6.42 XX	5 SLD	13.40	13.40	-2363.92	-21356.90	9.035
-200	23.75	6.42 XX	8 SLD	13.40	13.40	-1153.50	-21356.90	18.515
-200	23.75	6.42 XX	8 SLD	13.40	13.40	-1880.16	-21356.90	11.359
-200	23.75	6.42 XX	11 SLD	13.40	13.40	-1679.78	-21356.90	12.714
-200	23.75	6.42 XX	11 SLD	13.40	13.40	-1353.87	-21356.90	15.775
-200	23.75	6.42 XX	14 SLD	13.40	13.40	-530.69	-21356.90	40.244
-200	23.75	6.42 XX	14 SLD	13.40	13.40	-2345.10	-21356.90	9.107
-200	23.75	6.42 XX	17 SLD	13.40	13.40	-590.80	-21356.90	36.149
-200	23.75	6.42 XX	17 SLD	13.40	13.40	-2284.98	-21356.90	9.347
-200	23.75	6.42 XX	20 SLD	13.40	13.40	-1074.56	-21356.90	19.875
-200	23.75	6.42 XX	20 SLD	13.40	13.40	-1801.23	-21356.90	11.857
-200	23.75	6.42 XX	23 SLD	13.40	13.40	-1600.85	-21356.90	13.341
-200	23.75	6.42 XX	23 SLD	13.40	13.40	-1274.94	-21356.90	16.751
8	25.00	5.58 XX	1 SLV	13.40	13.40	3634.95	18418.50	5.067
8	25.00	5.58 XX	1 SLV	13.40	13.40	640.96	18418.50	28.736
8	25.00	5.58 XX	4 SLV	13.40	13.40	2695.71	18418.50	6.833
8	25.00	5.58 XX	4 SLV	13.40	13.40	1580.19	18418.50	11.656
8	25.00	5.58 XX	7 SLV	13.40	13.40	4011.56	18418.50	4.591
8	25.00	5.58 XX	7 SLV	13.40	13.40	264.34	18418.50	69.676
8	25.00	5.58 XX	10 SLV	13.40	13.40	3395.13	18418.50	5.425
8	25.00	5.58 XX	10 SLV	13.40	13.40	880.77	18418.50	20.912
8	25.00	5.58 XX	13 SLV	13.40	13.40	3697.17	18418.50	4.982
8	25.00	5.58 XX	13 SLV	13.40	13.40	703.18	18418.50	26.193
8	25.00	5.58 XX	16 SLV	13.40	13.40	2757.94	18418.50	6.678
8	25.00	5.58 XX	16 SLV	13.40	13.40	1642.42	18418.50	11.214
8	25.00	5.58 XX	19 SLV	13.40	13.40	4073.78	18418.50	4.521
8	25.00	5.58 XX	19 SLV	13.40	13.40	326.57	18418.50	56.400
8	25.00	5.58 XX	22 SLV	13.40	13.40	3457.36	18418.50	5.327
8	25.00	5.58 XX	22 SLV	13.40	13.40	942.99	18418.50	19.532
8	25.00	5.58 XX	25 SLU	13.40	13.40	2778.78	18418.50	6.628
8	25.00	5.58 XX	26 SLU	13.40	13.40	2801.95	18418.50	6.573
8	25.00	5.58 XX	27 SLU	13.40	13.40	2754.96	18418.50	6.686
8	25.00	5.58 XX	28 SLU	13.40	13.40	2825.77	18418.50	6.518
8	25.00	5.58 XX	2 SLD	13.40	13.40	3359.71	21356.90	6.357
8	25.00	5.58 XX	2 SLD	13.40	13.40	439.24	21356.90	48.623
8	25.00	5.58 XX	5 SLD	13.40	13.40	2738.88	21356.90	7.798
8	25.00	5.58 XX	5 SLD	13.40	13.40	1547.17	21356.90	13.804
8	25.00	5.58 XX	8 SLD	13.40	13.40	3892.07	21356.90	5.487
8	25.00	5.58 XX	8 SLD	13.40	13.40	393.97	21356.90	54.209
8	25.00	5.58 XX	11 SLD	13.40	13.40	3275.25	21356.90	6.521
8	25.00	5.58 XX	11 SLD	13.40	13.40	1010.80	21356.90	21.129
8	25.00	5.58 XX	14 SLD	13.40	13.40	3665.52	21356.90	5.826
8	25.00	5.58 XX	14 SLD	13.40	13.40	745.05	21356.90	28.665
8	25.00	5.58 XX	17 SLD	13.40	13.40	2801.14	21356.90	7.624
8	25.00	5.58 XX	17 SLD	13.40	13.40	1609.43	21356.90	13.270
8	25.00	5.58 XX	20 SLD	13.40	13.40	3954.34	21356.90	5.401
8	25.00	5.58 XX	20 SLD	13.40	13.40	456.24	21356.90	46.811
8	25.00	5.58 XX	23 SLD	13.40	13.40	3337.51	21356.90	6.399
8	25.00	5.58 XX	23 SLD	13.40	13.40	1073.06	21356.90	19.903
-388	1.75	15.55 YY	1 SLV	13.40	13.40	6572.07	18418.50	2.803
-388	1.75	15.55 YY	1 SLV	13.40	13.40	3285.25	18418.50	5.606
-388	1.75	15.55 YY	4 SLV	13.40	13.40	4407.91	18418.50	4.179
-388	1.75	15.55 YY	4 SLV	13.40	13.40	5449.41	18418.50	3.380
-388	1.75	15.55 YY	7 SLV	13.40	13.40	8703.99	18418.50	2.116
-388	1.75	15.55 YY	7 SLV	13.40	13.40	1153.33	18418.50	15.970
-388	1.75	15.55 YY	10 SLV	13.40	13.40	8367.19	18418.50	2.201
-388	1.75	15.55 YY	10 SLV	13.40	13.40	1490.13	18418.50	12.360
-388	1.75	15.55 YY	13 SLV	13.40	13.40	6393.86	18418.50	2.881
-388	1.75	15.55 YY	13 SLV	13.40	13.40	3107.04	18418.50	5.928

-388	1.75	15.55	YY	16	SLV	13.40	13.40	4229.70	18418.50	4.355
-388	1.75	15.55	YY	16	SLV	13.40	13.40	5271.20	18418.50	3.494
-388	1.75	15.55	YY	19	SLV	13.40	13.40	8525.78	18418.50	2.160
-388	1.75	15.55	YY	19	SLV	13.40	13.40	975.12	18418.50	18.889
-388	1.75	15.55	YY	22	SLV	13.40	13.40	8188.98	18418.50	2.249
-388	1.75	15.55	YY	22	SLV	13.40	13.40	1311.92	18418.50	14.039
-388	1.75	15.55	YY	25	SLU	13.40	13.40	6279.00	18418.50	2.933
-388	1.75	15.55	YY	26	SLU	13.40	13.40	6347.75	18418.50	2.902
-388	1.75	15.55	YY	27	SLU	13.40	13.40	6256.93	18418.50	2.944
-388	1.75	15.55	YY	28	SLU	13.40	13.40	6369.81	18418.50	2.892
-388	1.75	15.55	YY	2	SLD	13.40	13.40	4550.66	21356.90	4.693
-388	1.75	15.55	YY	2	SLD	13.40	13.40	1435.61	21356.90	14.877
-388	1.75	15.55	YY	5	SLD	13.40	13.40	4509.31	21356.90	4.736
-388	1.75	15.55	YY	5	SLD	13.40	13.40	5377.58	21356.90	3.971
-388	1.75	15.55	YY	8	SLD	13.40	13.40	8431.38	21356.90	2.533
-388	1.75	15.55	YY	8	SLD	13.40	13.40	1455.51	21356.90	14.673
-388	1.75	15.55	YY	11	SLD	13.40	13.40	8094.37	21356.90	2.638
-388	1.75	15.55	YY	11	SLD	13.40	13.40	1792.52	21356.90	11.915
-388	1.75	15.55	YY	14	SLD	13.40	13.40	6322.64	21356.90	3.378
-388	1.75	15.55	YY	14	SLD	13.40	13.40	3207.60	21356.90	6.658
-388	1.75	15.55	YY	17	SLD	13.40	13.40	4330.98	21356.90	4.931
-388	1.75	15.55	YY	17	SLD	13.40	13.40	5199.25	21356.90	4.108
-388	1.75	15.55	YY	20	SLD	13.40	13.40	8253.06	21356.90	2.588
-388	1.75	15.55	YY	20	SLD	13.40	13.40	1277.18	21356.90	16.722
-388	1.75	15.55	YY	23	SLD	13.40	13.40	7916.04	21356.90	2.698
-388	1.75	15.55	YY	23	SLD	13.40	13.40	1614.20	21356.90	13.231
9	0.00	6.28	YY	1	SLV	13.40	13.40	5800.98	18418.50	3.175
9	0.00	6.28	YY	1	SLV	13.40	13.40	-1055.66	-18418.50	17.448
9	0.00	6.28	YY	4	SLV	13.40	13.40	-563.35	-18418.50	32.695
9	0.00	6.28	YY	4	SLV	13.40	13.40	5308.67	18418.50	3.470
9	0.00	6.28	YY	7	SLV	13.40	13.40	13053.70	18418.50	1.411
9	0.00	6.28	YY	7	SLV	13.40	13.40	-8308.39	-18418.50	2.217
9	0.00	6.28	YY	10	SLV	13.40	13.40	12906.00	18418.50	1.427
9	0.00	6.28	YY	10	SLV	13.40	13.40	-8160.70	-18418.50	2.257
9	0.00	6.28	YY	13	SLV	13.40	13.40	5608.49	18418.50	3.284
9	0.00	6.28	YY	13	SLV	13.40	13.40	-1248.15	-18418.50	14.757
9	0.00	6.28	YY	16	SLV	13.40	13.40	-755.84	-18418.50	24.368
9	0.00	6.28	YY	16	SLV	13.40	13.40	5116.18	18418.50	3.600
9	0.00	6.28	YY	19	SLV	13.40	13.40	12861.20	18418.50	1.432
9	0.00	6.28	YY	19	SLV	13.40	13.40	-8500.88	-18418.50	2.167
9	0.00	6.28	YY	22	SLV	13.40	13.40	12713.50	18418.50	1.449
9	0.00	6.28	YY	22	SLV	13.40	13.40	-8353.19	-18418.50	2.205
9	0.00	6.28	YY	25	SLU	13.40	13.40	2869.28	18418.50	6.419
9	0.00	6.28	YY	26	SLU	13.40	13.40	2856.45	18418.50	6.448
9	0.00	6.28	YY	27	SLU	13.40	13.40	2760.43	18418.50	6.672
9	0.00	6.28	YY	28	SLU	13.40	13.40	2965.30	18418.50	6.211
-284	0.00	9.68	YY	1	SLV	13.40	13.40	2648.11	18418.50	6.955
-284	0.00	9.68	YY	1	SLV	13.40	13.40	-3324.20	-18418.50	5.541
-284	0.00	9.68	YY	4	SLV	13.40	13.40	-2613.44	-18418.50	7.048
-284	0.00	9.68	YY	4	SLV	13.40	13.40	1937.36	18418.50	9.507
-284	0.00	9.68	YY	7	SLV	13.40	13.40	8537.83	18418.50	2.157
-284	0.00	9.68	YY	7	SLV	13.40	13.40	-9213.92	-18418.50	1.999
-284	0.00	9.68	YY	10	SLV	13.40	13.40	8324.61	18418.50	2.213
-284	0.00	9.68	YY	10	SLV	13.40	13.40	-9000.69	-18418.50	2.046
-284	0.00	9.68	YY	13	SLV	13.40	13.40	3957.97	18418.50	4.654
-284	0.00	9.68	YY	13	SLV	13.40	13.40	-2014.34	-18418.50	9.144
-284	0.00	9.68	YY	16	SLV	13.40	13.40	-1303.59	-18418.50	14.129
-284	0.00	9.68	YY	16	SLV	13.40	13.40	3247.22	18418.50	5.672
-284	0.00	9.68	YY	19	SLV	13.40	13.40	9847.69	18418.50	1.870
-284	0.00	9.68	YY	19	SLV	13.40	13.40	-7904.06	-18418.50	2.330
-284	0.00	9.68	YY	22	SLV	13.40	13.40	9634.47	18418.50	1.912
-284	0.00	9.68	YY	22	SLV	13.40	13.40	-7690.83	-18418.50	2.395
-284	0.00	9.68	YY	25	SLU	13.40	13.40	46.26	18418.50	398.132
-284	0.00	9.68	YY	26	SLU	13.40	13.40	-2.72	-18418.50	*****
-284	0.00	9.68	YY	27	SLU	13.40	13.40	621.79	18418.50	29.622
-284	0.00	9.68	YY	28	SLU	13.40	13.40	-578.25	-18418.50	31.852
9	0.00	6.28	YY	2	SLD	13.40	13.40	6591.95	21356.90	3.240
9	0.00	6.28	YY	2	SLD	13.40	13.40	242.28	21356.90	88.152
9	0.00	6.28	YY	5	SLD	13.40	13.40	-299.09	-21356.90	71.406
9	0.00	6.28	YY	5	SLD	13.40	13.40	5065.32	21356.90	4.216
9	0.00	6.28	YY	8	SLD	13.40	13.40	12218.70	21356.90	1.748
9	0.00	6.28	YY	8	SLD	13.40	13.40	-7452.51	-21356.90	2.866
9	0.00	6.28	YY	11	SLD	13.40	13.40	12071.00	21356.90	1.769
9	0.00	6.28	YY	11	SLD	13.40	13.40	-7304.72	-21356.90	2.924
9	0.00	6.28	YY	14	SLD	13.40	13.40	5365.33	21356.90	3.981
9	0.00	6.28	YY	14	SLD	13.40	13.40	-984.34	-21356.90	21.697
9	0.00	6.28	YY	17	SLD	13.40	13.40	-491.71	-21356.90	43.434
9	0.00	6.28	YY	17	SLD	13.40	13.40	4872.70	21356.90	4.383
9	0.00	6.28	YY	20	SLD	13.40	13.40	12026.10	21356.90	1.776
9	0.00	6.28	YY	20	SLD	13.40	13.40	-7645.13	-21356.90	2.794
9	0.00	6.28	YY	23	SLD	13.40	13.40	11878.30	21356.90	1.798

9	0.00	6.28	YY	23	SLD	13.40	13.40	-7497.34	-21356.90	2.849
-284	0.00	9.68	YY	2	SLD	13.40	13.40	4082.73	21356.90	5.231
-284	0.00	9.68	YY	2	SLD	13.40	13.40	-1470.66	-21356.90	14.522
-284	0.00	9.68	YY	5	SLD	13.40	13.40	-2462.86	-21356.90	8.672
-284	0.00	9.68	YY	5	SLD	13.40	13.40	1668.10	21356.90	12.803
-284	0.00	9.68	YY	8	SLD	13.40	13.40	7779.59	21356.90	2.745
-284	0.00	9.68	YY	8	SLD	13.40	13.40	-8574.35	-21356.90	2.491
-284	0.00	9.68	YY	11	SLD	13.40	13.40	7566.23	21356.90	2.823
-284	0.00	9.68	YY	11	SLD	13.40	13.40	-8360.98	-21356.90	2.554
-284	0.00	9.68	YY	14	SLD	13.40	13.40	3690.02	21356.90	5.788
-284	0.00	9.68	YY	14	SLD	13.40	13.40	-1863.36	-21356.90	11.461
-284	0.00	9.68	YY	17	SLD	13.40	13.40	-1152.15	-21356.90	18.537
-284	0.00	9.68	YY	17	SLD	13.40	13.40	2978.81	21356.90	7.170
-284	0.00	9.68	YY	20	SLD	13.40	13.40	9090.30	21356.90	2.349
-284	0.00	9.68	YY	20	SLD	13.40	13.40	-7263.64	-21356.90	2.940
-284	0.00	9.68	YY	23	SLD	13.40	13.40	8876.93	21356.90	2.406
-284	0.00	9.68	YY	23	SLD	13.40	13.40	-7050.27	-21356.90	3.029
-390	5.50	15.55	YY	1	SLV	13.40	13.40	5958.52	18418.50	3.091
-390	5.50	15.55	YY	1	SLV	13.40	13.40	3605.74	18418.50	5.108
-390	5.50	15.55	YY	4	SLV	13.40	13.40	4338.23	18418.50	4.246
-390	5.50	15.55	YY	4	SLV	13.40	13.40	5226.03	18418.50	3.524
-390	5.50	15.55	YY	7	SLV	13.40	13.40	7592.49	18418.50	2.426
-390	5.50	15.55	YY	7	SLV	13.40	13.40	1971.78	18418.50	9.341
-390	5.50	15.55	YY	10	SLV	13.40	13.40	7372.74	18418.50	2.498
-390	5.50	15.55	YY	10	SLV	13.40	13.40	2191.52	18418.50	8.404
-390	5.50	15.55	YY	13	SLV	13.40	13.40	5898.77	18418.50	3.122
-390	5.50	15.55	YY	13	SLV	13.40	13.40	3545.99	18418.50	5.194
-390	5.50	15.55	YY	16	SLV	13.40	13.40	4278.48	18418.50	4.305
-390	5.50	15.55	YY	16	SLV	13.40	13.40	5166.28	18418.50	3.565
-390	5.50	15.55	YY	19	SLV	13.40	13.40	7532.74	18418.50	2.445
-390	5.50	15.55	YY	19	SLV	13.40	13.40	1912.02	18418.50	9.633
-390	5.50	15.55	YY	22	SLV	13.40	13.40	7312.99	18418.50	2.519
-390	5.50	15.55	YY	22	SLV	13.40	13.40	2131.77	18418.50	8.640
-390	5.50	15.55	YY	25	SLU	13.40	13.40	6226.56	18418.50	2.958
-390	5.50	15.55	YY	26	SLU	13.40	13.40	6176.08	18418.50	2.982
-390	5.50	15.55	YY	27	SLU	13.40	13.40	6098.43	18418.50	3.020
-390	5.50	15.55	YY	28	SLU	13.40	13.40	6304.20	18418.50	2.922
-390	5.50	15.55	YY	2	SLD	13.40	13.40	4276.20	21356.90	4.994
-390	5.50	15.55	YY	2	SLD	13.40	13.40	2052.09	21356.90	10.407
-390	5.50	15.55	YY	5	SLD	13.40	13.40	4412.39	21356.90	4.840
-390	5.50	15.55	YY	5	SLD	13.40	13.40	5170.57	21356.90	4.130
-390	5.50	15.55	YY	8	SLD	13.40	13.40	7386.66	21356.90	2.891
-390	5.50	15.55	YY	8	SLD	13.40	13.40	2196.30	21356.90	9.724
-390	5.50	15.55	YY	11	SLD	13.40	13.40	7166.77	21356.90	2.980
-390	5.50	15.55	YY	11	SLD	13.40	13.40	2416.19	21356.90	8.839
-390	5.50	15.55	YY	14	SLD	13.40	13.40	5843.74	21356.90	3.655
-390	5.50	15.55	YY	14	SLD	13.40	13.40	3619.63	21356.90	5.900
-390	5.50	15.55	YY	17	SLD	13.40	13.40	4352.60	21356.90	4.907
-390	5.50	15.55	YY	17	SLD	13.40	13.40	5110.77	21356.90	4.179
-390	5.50	15.55	YY	20	SLD	13.40	13.40	7326.86	21356.90	2.915
-390	5.50	15.55	YY	20	SLD	13.40	13.40	2136.51	21356.90	9.996
-390	5.50	15.55	YY	23	SLD	13.40	13.40	7106.97	21356.90	3.005
-390	5.50	15.55	YY	23	SLD	13.40	13.40	2356.40	21356.90	9.063
-391	8.25	15.55	YY	1	SLV	13.40	13.40	6155.33	18418.50	2.992
-391	8.25	15.55	YY	1	SLV	13.40	13.40	3808.71	18418.50	4.836
-391	8.25	15.55	YY	4	SLV	13.40	13.40	4652.90	18418.50	3.958
-391	8.25	15.55	YY	4	SLV	13.40	13.40	5311.14	18418.50	3.468
-391	8.25	15.55	YY	7	SLV	13.40	13.40	7612.70	18418.50	2.419
-391	8.25	15.55	YY	7	SLV	13.40	13.40	2351.35	18418.50	7.833
-391	8.25	15.55	YY	10	SLV	13.40	13.40	7359.44	18418.50	2.503
-391	8.25	15.55	YY	10	SLV	13.40	13.40	2604.60	18418.50	7.072
-391	8.25	15.55	YY	13	SLV	13.40	13.40	6002.93	18418.50	3.068
-391	8.25	15.55	YY	13	SLV	13.40	13.40	3656.31	18418.50	5.037
-391	8.25	15.55	YY	16	SLV	13.40	13.40	4500.50	18418.50	4.093
-391	8.25	15.55	YY	16	SLV	13.40	13.40	5158.74	18418.50	3.570
-391	8.25	15.55	YY	19	SLV	13.40	13.40	7460.29	18418.50	2.469
-391	8.25	15.55	YY	19	SLV	13.40	13.40	2198.94	18418.50	8.376
-391	8.25	15.55	YY	22	SLV	13.40	13.40	7207.03	18418.50	2.556
-391	8.25	15.55	YY	22	SLV	13.40	13.40	2452.20	18418.50	7.511
-391	8.25	15.55	YY	25	SLU	13.40	13.40	6443.51	18418.50	2.858
-391	8.25	15.55	YY	26	SLU	13.40	13.40	6501.69	18418.50	2.833
-391	8.25	15.55	YY	27	SLU	13.40	13.40	6358.71	18418.50	2.897
-391	8.25	15.55	YY	28	SLU	13.40	13.40	6586.49	18418.50	2.796
-391	8.25	15.55	YY	2	SLD	13.40	13.40	4570.08	21356.90	4.673
-391	8.25	15.55	YY	2	SLD	13.40	13.40	2342.67	21356.90	9.117
-391	8.25	15.55	YY	5	SLD	13.40	13.40	4735.21	21356.90	4.510
-391	8.25	15.55	YY	5	SLD	13.40	13.40	5273.15	21356.90	4.050
-391	8.25	15.55	YY	8	SLD	13.40	13.40	7435.34	21356.90	2.872
-391	8.25	15.55	YY	8	SLD	13.40	13.40	2573.02	21356.90	8.300
-391	8.25	15.55	YY	11	SLD	13.40	13.40	7181.92	21356.90	2.974
-391	8.25	15.55	YY	11	SLD	13.40	13.40	2826.44	21356.90	7.556

-391	8.25	15.55	YY	14	SLD	13.40	13.40	5965.38	21356.90	3.580
-391	8.25	15.55	YY	14	SLD	13.40	13.40	3737.97	21356.90	5.714
-391	8.25	15.55	YY	17	SLD	13.40	13.40	4582.71	21356.90	4.660
-391	8.25	15.55	YY	17	SLD	13.40	13.40	5120.65	21356.90	4.171
-391	8.25	15.55	YY	20	SLD	13.40	13.40	7282.84	21356.90	2.933
-391	8.25	15.55	YY	20	SLD	13.40	13.40	2420.51	21356.90	8.823
-391	8.25	15.55	YY	23	SLD	13.40	13.40	7029.42	21356.90	3.038
-391	8.25	15.55	YY	23	SLD	13.40	13.40	2673.94	21356.90	7.987
-393	12.00	15.55	YY	1	SLV	13.40	13.40	6103.76	18418.50	3.018
-393	12.00	15.55	YY	1	SLV	13.40	13.40	3681.88	18418.50	5.002
-393	12.00	15.55	YY	4	SLV	13.40	13.40	4572.70	18418.50	4.028
-393	12.00	15.55	YY	4	SLV	13.40	13.40	5212.95	18418.50	3.533
-393	12.00	15.55	YY	7	SLV	13.40	13.40	7578.22	18418.50	2.430
-393	12.00	15.55	YY	7	SLV	13.40	13.40	2207.43	18418.50	8.344
-393	12.00	15.55	YY	10	SLV	13.40	13.40	7310.97	18418.50	2.519
-393	12.00	15.55	YY	10	SLV	13.40	13.40	2474.67	18418.50	7.443
-393	12.00	15.55	YY	13	SLV	13.40	13.40	6016.99	18418.50	3.061
-393	12.00	15.55	YY	13	SLV	13.40	13.40	3595.11	18418.50	5.123
-393	12.00	15.55	YY	16	SLV	13.40	13.40	4485.92	18418.50	4.106
-393	12.00	15.55	YY	16	SLV	13.40	13.40	5126.17	18418.50	3.593
-393	12.00	15.55	YY	19	SLV	13.40	13.40	7491.44	18418.50	2.459
-393	12.00	15.55	YY	19	SLV	13.40	13.40	2120.65	18418.50	8.685
-393	12.00	15.55	YY	22	SLV	13.40	13.40	7224.20	18418.50	2.550
-393	12.00	15.55	YY	22	SLV	13.40	13.40	2387.90	18418.50	7.713
-393	12.00	15.55	YY	25	SLU	13.40	13.40	6337.80	18418.50	2.906
-393	12.00	15.55	YY	26	SLU	13.40	13.40	6399.19	18418.50	2.878
-393	12.00	15.55	YY	27	SLU	13.40	13.40	6254.29	18418.50	2.945
-393	12.00	15.55	YY	28	SLU	13.40	13.40	6482.71	18418.50	2.841
-393	12.00	15.55	YY	2	SLD	13.40	13.40	4513.70	21356.90	4.732
-393	12.00	15.55	YY	2	SLD	13.40	13.40	2213.28	21356.90	9.649
-393	12.00	15.55	YY	5	SLD	13.40	13.40	4649.68	21356.90	4.593
-393	12.00	15.55	YY	5	SLD	13.40	13.40	5167.31	21356.90	4.133
-393	12.00	15.55	YY	8	SLD	13.40	13.40	7390.58	21356.90	2.890
-393	12.00	15.55	YY	8	SLD	13.40	13.40	2426.41	21356.90	8.802
-393	12.00	15.55	YY	11	SLD	13.40	13.40	7123.16	21356.90	2.998
-393	12.00	15.55	YY	11	SLD	13.40	13.40	2693.83	21356.90	7.928
-393	12.00	15.55	YY	14	SLD	13.40	13.40	5971.88	21356.90	3.576
-393	12.00	15.55	YY	14	SLD	13.40	13.40	3671.46	21356.90	5.817
-393	12.00	15.55	YY	17	SLD	13.40	13.40	4562.85	21356.90	4.681
-393	12.00	15.55	YY	17	SLD	13.40	13.40	5080.48	21356.90	4.204
-393	12.00	15.55	YY	20	SLD	13.40	13.40	7303.75	21356.90	2.924
-393	12.00	15.55	YY	20	SLD	13.40	13.40	2339.58	21356.90	9.129
-393	12.00	15.55	YY	23	SLD	13.40	13.40	7036.33	21356.90	3.035
-393	12.00	15.55	YY	23	SLD	13.40	13.40	2607.00	21356.90	8.192
-395	15.75	15.55	YY	1	SLV	13.40	13.40	6083.48	18418.50	3.028
-395	15.75	15.55	YY	1	SLV	13.40	13.40	3625.18	18418.50	5.081
-395	15.75	15.55	YY	4	SLV	13.40	13.40	4544.80	18418.50	4.053
-395	15.75	15.55	YY	4	SLV	13.40	13.40	5163.85	18418.50	3.567
-395	15.75	15.55	YY	7	SLV	13.40	13.40	7556.73	18418.50	2.437
-395	15.75	15.55	YY	7	SLV	13.40	13.40	2151.93	18418.50	8.559
-395	15.75	15.55	YY	10	SLV	13.40	13.40	7280.85	18418.50	2.530
-395	15.75	15.55	YY	10	SLV	13.40	13.40	2427.81	18418.50	7.586
-395	15.75	15.55	YY	13	SLV	13.40	13.40	6063.41	18418.50	3.038
-395	15.75	15.55	YY	13	SLV	13.40	13.40	3605.11	18418.50	5.109
-395	15.75	15.55	YY	16	SLV	13.40	13.40	4524.73	18418.50	4.071
-395	15.75	15.55	YY	16	SLV	13.40	13.40	5143.78	18418.50	3.581
-395	15.75	15.55	YY	19	SLV	13.40	13.40	7536.66	18418.50	2.444
-395	15.75	15.55	YY	19	SLV	13.40	13.40	2131.85	18418.50	8.640
-395	15.75	15.55	YY	22	SLV	13.40	13.40	7260.77	18418.50	2.537
-395	15.75	15.55	YY	22	SLV	13.40	13.40	2407.74	18418.50	7.650
-395	15.75	15.55	YY	25	SLU	13.40	13.40	6355.45	18418.50	2.898
-395	15.75	15.55	YY	26	SLU	13.40	13.40	6418.82	18418.50	2.869
-395	15.75	15.55	YY	27	SLU	13.40	13.40	6274.58	18418.50	2.935
-395	15.75	15.55	YY	28	SLU	13.40	13.40	6499.69	18418.50	2.834
-395	15.75	15.55	YY	2	SLD	13.40	13.40	4495.83	21356.90	4.750
-395	15.75	15.55	YY	2	SLD	13.40	13.40	2159.58	21356.90	9.889
-395	15.75	15.55	YY	5	SLD	13.40	13.40	4628.57	21356.90	4.614
-395	15.75	15.55	YY	5	SLD	13.40	13.40	5124.38	21356.90	4.168
-395	15.75	15.55	YY	8	SLD	13.40	13.40	7374.56	21356.90	2.896
-395	15.75	15.55	YY	8	SLD	13.40	13.40	2378.39	21356.90	8.980
-395	15.75	15.55	YY	11	SLD	13.40	13.40	7098.50	21356.90	3.009
-395	15.75	15.55	YY	11	SLD	13.40	13.40	2654.45	21356.90	8.046
-395	15.75	15.55	YY	14	SLD	13.40	13.40	6024.52	21356.90	3.545
-395	15.75	15.55	YY	14	SLD	13.40	13.40	3688.26	21356.90	5.791
-395	15.75	15.55	YY	17	SLD	13.40	13.40	4608.48	21356.90	4.634
-395	15.75	15.55	YY	17	SLD	13.40	13.40	5104.30	21356.90	4.184
-395	15.75	15.55	YY	20	SLD	13.40	13.40	7354.48	21356.90	2.904
-395	15.75	15.55	YY	20	SLD	13.40	13.40	2358.30	21356.90	9.056
-395	15.75	15.55	YY	23	SLD	13.40	13.40	7078.41	21356.90	3.017
-395	15.75	15.55	YY	23	SLD	13.40	13.40	2634.37	21356.90	8.107
-397	19.50	15.55	YY	1	SLV	13.40	13.40	5885.82	18418.50	3.129

-397	19.50	15.55	YY	1	SLV	13.40	13.40	3552.54	18418.50	5.185
-397	19.50	15.55	YY	4	SLV	13.40	13.40	4294.90	18418.50	4.288
-397	19.50	15.55	YY	4	SLV	13.40	13.40	5143.46	18418.50	3.581
-397	19.50	15.55	YY	7	SLV	13.40	13.40	7482.07	18418.50	2.462
-397	19.50	15.55	YY	7	SLV	13.40	13.40	1956.30	18418.50	9.415
-397	19.50	15.55	YY	10	SLV	13.40	13.40	7259.36	18418.50	2.537
-397	19.50	15.55	YY	10	SLV	13.40	13.40	2179.00	18418.50	8.453
-397	19.50	15.55	YY	13	SLV	13.40	13.40	5931.33	18418.50	3.105
-397	19.50	15.55	YY	13	SLV	13.40	13.40	3598.05	18418.50	5.119
-397	19.50	15.55	YY	16	SLV	13.40	13.40	4340.41	18418.50	4.244
-397	19.50	15.55	YY	16	SLV	13.40	13.40	5188.97	18418.50	3.550
-397	19.50	15.55	YY	19	SLV	13.40	13.40	7527.57	18418.50	2.447
-397	19.50	15.55	YY	19	SLV	13.40	13.40	2001.80	18418.50	9.201
-397	19.50	15.55	YY	22	SLV	13.40	13.40	7304.87	18418.50	2.521
-397	19.50	15.55	YY	22	SLV	13.40	13.40	2224.51	18418.50	8.280
-397	19.50	15.55	YY	25	SLU	13.40	13.40	6178.80	18418.50	2.981
-397	19.50	15.55	YY	26	SLU	13.40	13.40	6229.96	18418.50	2.956
-397	19.50	15.55	YY	27	SLU	13.40	13.40	6104.60	18418.50	3.017
-397	19.50	15.55	YY	28	SLU	13.40	13.40	6304.16	18418.50	2.922
-397	19.50	15.55	YY	2	SLD	13.40	13.40	4222.30	21356.90	5.058
-397	19.50	15.55	YY	2	SLD	13.40	13.40	2015.34	21356.90	10.597
-397	19.50	15.55	YY	5	SLD	13.40	13.40	4372.22	21356.90	4.885
-397	19.50	15.55	YY	5	SLD	13.40	13.40	5093.50	21356.90	4.193
-397	19.50	15.55	YY	8	SLD	13.40	13.40	7284.48	21356.90	2.932
-397	19.50	15.55	YY	8	SLD	13.40	13.40	2181.24	21356.90	9.791
-397	19.50	15.55	YY	11	SLD	13.40	13.40	7061.63	21356.90	3.024
-397	19.50	15.55	YY	11	SLD	13.40	13.40	2404.09	21356.90	8.884
-397	19.50	15.55	YY	14	SLD	13.40	13.40	5881.87	21356.90	3.631
-397	19.50	15.55	YY	14	SLD	13.40	13.40	3674.92	21356.90	5.812
-397	19.50	15.55	YY	17	SLD	13.40	13.40	4417.76	21356.90	4.834
-397	19.50	15.55	YY	17	SLD	13.40	13.40	5139.04	21356.90	4.156
-397	19.50	15.55	YY	20	SLD	13.40	13.40	7330.02	21356.90	2.914
-397	19.50	15.55	YY	20	SLD	13.40	13.40	2226.78	21356.90	9.591
-397	19.50	15.55	YY	23	SLD	13.40	13.40	7107.17	21356.90	3.005
-397	19.50	15.55	YY	23	SLD	13.40	13.40	2449.63	21356.90	8.718
-399	23.25	15.55	YY	1	SLV	13.40	13.40	6049.01	18418.50	3.045
-399	23.25	15.55	YY	1	SLV	13.40	13.40	2736.29	18418.50	6.731
-399	23.25	15.55	YY	4	SLV	13.40	13.40	3928.50	18418.50	4.688
-399	23.25	15.55	YY	4	SLV	13.40	13.40	4856.79	18418.50	3.792
-399	23.25	15.55	YY	7	SLV	13.40	13.40	8105.65	18418.50	2.272
-399	23.25	15.55	YY	7	SLV	13.40	13.40	679.64	18418.50	27.100
-399	23.25	15.55	YY	10	SLV	13.40	13.40	7747.99	18418.50	2.377
-399	23.25	15.55	YY	10	SLV	13.40	13.40	1037.30	18418.50	17.756
-399	23.25	15.55	YY	13	SLV	13.40	13.40	6232.88	18418.50	2.955
-399	23.25	15.55	YY	13	SLV	13.40	13.40	2920.17	18418.50	6.307
-399	23.25	15.55	YY	16	SLV	13.40	13.40	4112.38	18418.50	4.479
-399	23.25	15.55	YY	16	SLV	13.40	13.40	5040.67	18418.50	3.654
-399	23.25	15.55	YY	19	SLV	13.40	13.40	8289.53	18418.50	2.222
-399	23.25	15.55	YY	19	SLV	13.40	13.40	863.52	18418.50	21.330
-399	23.25	15.55	YY	22	SLV	13.40	13.40	7931.87	18418.50	2.322
-399	23.25	15.55	YY	22	SLV	13.40	13.40	1221.18	18418.50	15.083
-399	23.25	15.55	YY	25	SLU	13.40	13.40	5875.46	18418.50	3.135
-399	23.25	15.55	YY	26	SLU	13.40	13.40	5803.83	18418.50	3.174
-399	23.25	15.55	YY	27	SLU	13.40	13.40	5779.12	18418.50	3.187
-399	23.25	15.55	YY	28	SLU	13.40	13.40	5900.17	18418.50	3.122
-399	23.25	15.55	YY	2	SLD	13.40	13.40	4203.73	21356.90	5.080
-399	23.25	15.55	YY	2	SLD	13.40	13.40	1059.24	21356.90	20.163
-399	23.25	15.55	YY	5	SLD	13.40	13.40	4026.00	21356.90	5.305
-399	23.25	15.55	YY	5	SLD	13.40	13.40	4784.52	21356.90	4.464
-399	23.25	15.55	YY	8	SLD	13.40	13.40	7836.72	21356.90	2.725
-399	23.25	15.55	YY	8	SLD	13.40	13.40	973.80	21356.90	21.931
-399	23.25	15.55	YY	11	SLD	13.40	13.40	7478.82	21356.90	2.856
-399	23.25	15.55	YY	11	SLD	13.40	13.40	1331.70	21356.90	16.037
-399	23.25	15.55	YY	14	SLD	13.40	13.40	6161.50	21356.90	3.466
-399	23.25	15.55	YY	14	SLD	13.40	13.40	3017.01	21356.90	7.079
-399	23.25	15.55	YY	17	SLD	13.40	13.40	4210.00	21356.90	5.073
-399	23.25	15.55	YY	17	SLD	13.40	13.40	4968.52	21356.90	4.298
-399	23.25	15.55	YY	20	SLD	13.40	13.40	8020.72	21356.90	2.663
-399	23.25	15.55	YY	20	SLD	13.40	13.40	1157.80	21356.90	18.446
-399	23.25	15.55	YY	23	SLD	13.40	13.40	7662.82	21356.90	2.787
-399	23.25	15.55	YY	23	SLD	13.40	13.40	1515.70	21356.90	14.091
-325	1.75	14.35	YY	1	SLV	13.40	13.40	1550.32	18418.50	11.880
-325	1.75	14.35	YY	1	SLV	13.40	13.40	-206.08	-18418.50	89.375
-325	1.75	14.35	YY	4	SLV	13.40	13.40	245.93	18418.50	74.894
-325	1.75	14.35	YY	4	SLV	13.40	13.40	1098.31	18418.50	16.770
-325	1.75	14.35	YY	7	SLV	13.40	13.40	2913.91	18418.50	6.321
-325	1.75	14.35	YY	7	SLV	13.40	13.40	-1569.67	-18418.50	11.734
-325	1.75	14.35	YY	10	SLV	13.40	13.40	2778.31	18418.50	6.629
-325	1.75	14.35	YY	10	SLV	13.40	13.40	-1434.07	-18418.50	12.844
-325	1.75	14.35	YY	13	SLV	13.40	13.40	1251.60	18418.50	14.716
-325	1.75	14.35	YY	13	SLV	13.40	13.40	-504.80	-18418.50	36.487

-325	1.75	14.35	YY	16	SLV	13.40	13.40	-52.79	-18418.50	348.908
-325	1.75	14.35	YY	16	SLV	13.40	13.40	799.60	18418.50	23.035
-325	1.75	14.35	YY	19	SLV	13.40	13.40	2615.19	18418.50	7.043
-325	1.75	14.35	YY	19	SLV	13.40	13.40	-1868.39	-18418.50	9.858
-325	1.75	14.35	YY	22	SLV	13.40	13.40	2479.59	18418.50	7.428
-325	1.75	14.35	YY	22	SLV	13.40	13.40	-1732.78	-18418.50	10.629
-325	1.75	14.35	YY	25	SLU	13.40	13.40	716.67	18418.50	25.700
-325	1.75	14.35	YY	26	SLU	13.40	13.40	747.83	18418.50	24.629
-325	1.75	14.35	YY	27	SLU	13.40	13.40	583.41	18418.50	31.570
-325	1.75	14.35	YY	28	SLU	13.40	13.40	881.09	18418.50	20.904
-325	1.75	14.35	YY	2	SLD	13.40	13.40	1026.70	21356.90	20.802
-325	1.75	14.35	YY	2	SLD	13.40	13.40	-626.03	-21356.90	34.115
-325	1.75	14.35	YY	5	SLD	13.40	13.40	324.85	21356.90	65.745
-325	1.75	14.35	YY	5	SLD	13.40	13.40	1072.97	21356.90	19.905
-325	1.75	14.35	YY	8	SLD	13.40	13.40	2767.46	21356.90	7.717
-325	1.75	14.35	YY	8	SLD	13.40	13.40	-1369.64	-21356.90	15.593
-325	1.75	14.35	YY	11	SLD	13.40	13.40	2631.77	21356.90	8.115
-325	1.75	14.35	YY	11	SLD	13.40	13.40	-1233.95	-21356.90	17.308
-325	1.75	14.35	YY	14	SLD	13.40	13.40	1226.36	21356.90	17.415
-325	1.75	14.35	YY	14	SLD	13.40	13.40	-426.37	-21356.90	50.090
-325	1.75	14.35	YY	17	SLD	13.40	13.40	25.93	21356.90	823.522
-325	1.75	14.35	YY	17	SLD	13.40	13.40	774.05	21356.90	27.591
-325	1.75	14.35	YY	20	SLD	13.40	13.40	2468.54	21356.90	8.652
-325	1.75	14.35	YY	20	SLD	13.40	13.40	-1668.56	-21356.90	12.800
-325	1.75	14.35	YY	23	SLD	13.40	13.40	2332.85	21356.90	9.155
-325	1.75	14.35	YY	23	SLD	13.40	13.40	-1532.87	-21356.90	13.933
-326	4.50	14.35	YY	1	SLV	13.40	13.40	467.20	18418.50	39.423
-326	4.50	14.35	YY	1	SLV	13.40	13.40	-1156.87	-18418.50	15.921
-326	4.50	14.35	YY	4	SLV	13.40	13.40	-1096.19	-18418.50	16.802
-326	4.50	14.35	YY	4	SLV	13.40	13.40	406.52	18418.50	45.307
-326	4.50	14.35	YY	7	SLV	13.40	13.40	2269.92	18418.50	8.114
-326	4.50	14.35	YY	7	SLV	13.40	13.40	-2959.58	-18418.50	6.223
-326	4.50	14.35	YY	10	SLV	13.40	13.40	2251.71	18418.50	8.180
-326	4.50	14.35	YY	10	SLV	13.40	13.40	-2941.38	-18418.50	6.262
-326	4.50	14.35	YY	13	SLV	13.40	13.40	255.61	18418.50	72.056
-326	4.50	14.35	YY	13	SLV	13.40	13.40	-1368.45	-18418.50	13.459
-326	4.50	14.35	YY	16	SLV	13.40	13.40	-1307.77	-18418.50	14.084
-326	4.50	14.35	YY	16	SLV	13.40	13.40	194.93	18418.50	94.486
-326	4.50	14.35	YY	19	SLV	13.40	13.40	2058.33	18418.50	8.948
-326	4.50	14.35	YY	19	SLV	13.40	13.40	-3171.17	-18418.50	5.808
-326	4.50	14.35	YY	22	SLV	13.40	13.40	2040.13	18418.50	9.028
-326	4.50	14.35	YY	22	SLV	13.40	13.40	-3152.97	-18418.50	5.842
-326	4.50	14.35	YY	25	SLU	13.40	13.40	-648.35	-18418.50	28.409
-326	4.50	14.35	YY	26	SLU	13.40	13.40	-652.53	-18418.50	28.227
-326	4.50	14.35	YY	27	SLU	13.40	13.40	-829.33	-18418.50	22.209
-326	4.50	14.35	YY	28	SLU	13.40	13.40	-471.55	-18418.50	39.060
-326	4.50	14.35	YY	2	SLD	13.40	13.40	-35.75	-21356.90	597.460
-326	4.50	14.35	YY	2	SLD	13.40	13.40	-1535.24	-21356.90	13.911
-326	4.50	14.35	YY	5	SLD	13.40	13.40	-1014.02	-21356.90	21.062
-326	4.50	14.35	YY	5	SLD	13.40	13.40	364.03	21356.90	58.668
-326	4.50	14.35	YY	8	SLD	13.40	13.40	2082.07	21356.90	10.258
-326	4.50	14.35	YY	8	SLD	13.40	13.40	-2732.06	-21356.90	7.817
-326	4.50	14.35	YY	11	SLD	13.40	13.40	2063.85	21356.90	10.348
-326	4.50	14.35	YY	11	SLD	13.40	13.40	-2713.84	-21356.90	7.870
-326	4.50	14.35	YY	14	SLD	13.40	13.40	213.02	21356.90	100.256
-326	4.50	14.35	YY	14	SLD	13.40	13.40	-1286.47	-21356.90	16.601
-326	4.50	14.35	YY	17	SLD	13.40	13.40	-1225.75	-21356.90	17.424
-326	4.50	14.35	YY	17	SLD	13.40	13.40	152.31	21356.90	140.224
-326	4.50	14.35	YY	20	SLD	13.40	13.40	1870.34	21356.90	11.419
-326	4.50	14.35	YY	20	SLD	13.40	13.40	-2943.78	-21356.90	7.255
-326	4.50	14.35	YY	23	SLD	13.40	13.40	1852.13	21356.90	11.531
-326	4.50	14.35	YY	23	SLD	13.40	13.40	-2925.57	-21356.90	7.300
-329	8.25	14.35	YY	1	SLV	13.40	13.40	-59.12	-18418.50	311.527
-329	8.25	14.35	YY	1	SLV	13.40	13.40	-1731.34	-18418.50	10.638
-329	8.25	14.35	YY	4	SLV	13.40	13.40	-1681.95	-18418.50	10.951
-329	8.25	14.35	YY	4	SLV	13.40	13.40	-108.51	-18418.50	169.734
-329	8.25	14.35	YY	7	SLV	13.40	13.40	1816.89	18418.50	10.137
-329	8.25	14.35	YY	7	SLV	13.40	13.40	-3607.36	-18418.50	5.106
-329	8.25	14.35	YY	10	SLV	13.40	13.40	1802.07	18418.50	10.221
-329	8.25	14.35	YY	10	SLV	13.40	13.40	-3592.54	-18418.50	5.127
-329	8.25	14.35	YY	13	SLV	13.40	13.40	-174.94	-18418.50	105.282
-329	8.25	14.35	YY	13	SLV	13.40	13.40	-1847.17	-18418.50	9.971
-329	8.25	14.35	YY	16	SLV	13.40	13.40	-1797.77	-18418.50	10.245
-329	8.25	14.35	YY	16	SLV	13.40	13.40	-224.34	-18418.50	82.103
-329	8.25	14.35	YY	19	SLV	13.40	13.40	1701.07	18418.50	10.828
-329	8.25	14.35	YY	19	SLV	13.40	13.40	-3723.18	-18418.50	4.947
-329	8.25	14.35	YY	22	SLV	13.40	13.40	1686.25	18418.50	10.923
-329	8.25	14.35	YY	22	SLV	13.40	13.40	-3708.36	-18418.50	4.967
-329	8.25	14.35	YY	25	SLU	13.40	13.40	-1306.63	-18418.50	14.096
-329	8.25	14.35	YY	26	SLU	13.40	13.40	-1310.04	-18418.50	14.060
-329	8.25	14.35	YY	27	SLU	13.40	13.40	-1494.38	-18418.50	12.325

-329	8.25	14.35	YY	28	SLU	13.40	13.40	-1122.29	-18418.50	16.412
-329	8.25	14.35	YY	2	SLD	13.40	13.40	-508.62	-21356.90	41.990
-329	8.25	14.35	YY	2	SLD	13.40	13.40	-2051.52	-21356.90	10.410
-329	8.25	14.35	YY	5	SLD	13.40	13.40	-1588.78	-21356.90	13.442
-329	8.25	14.35	YY	5	SLD	13.40	13.40	-144.73	-21356.90	147.566
-329	8.25	14.35	YY	8	SLD	13.40	13.40	1629.79	21356.90	13.104
-329	8.25	14.35	YY	8	SLD	13.40	13.40	-3363.30	-21356.90	6.350
-329	8.25	14.35	YY	11	SLD	13.40	13.40	1614.96	21356.90	13.224
-329	8.25	14.35	YY	11	SLD	13.40	13.40	-3348.47	-21356.90	6.378
-329	8.25	14.35	YY	14	SLD	13.40	13.40	-211.20	-21356.90	101.121
-329	8.25	14.35	YY	14	SLD	13.40	13.40	-1754.10	-21356.90	12.175
-329	8.25	14.35	YY	17	SLD	13.40	13.40	-1704.68	-21356.90	12.528
-329	8.25	14.35	YY	17	SLD	13.40	13.40	-260.62	-21356.90	81.945
-329	8.25	14.35	YY	20	SLD	13.40	13.40	1513.89	21356.90	14.107
-329	8.25	14.35	YY	20	SLD	13.40	13.40	-3479.19	-21356.90	6.138
-329	8.25	14.35	YY	23	SLD	13.40	13.40	1499.06	21356.90	14.247
-329	8.25	14.35	YY	23	SLD	13.40	13.40	-3464.37	-21356.90	6.165
-334	13.00	14.35	YY	1	SLV	13.40	13.40	-251.72	-18418.50	73.170
-334	13.00	14.35	YY	1	SLV	13.40	13.40	-1889.32	-18418.50	9.749
-334	13.00	14.35	YY	4	SLV	13.40	13.40	-1876.33	-18418.50	9.816
-334	13.00	14.35	YY	4	SLV	13.40	13.40	-264.71	-18418.50	69.580
-334	13.00	14.35	YY	7	SLV	13.40	13.40	1639.10	18418.50	11.237
-334	13.00	14.35	YY	7	SLV	13.40	13.40	-3780.14	-18418.50	4.872
-334	13.00	14.35	YY	10	SLV	13.40	13.40	1635.21	18418.50	11.264
-334	13.00	14.35	YY	10	SLV	13.40	13.40	-3776.25	-18418.50	4.877
-334	13.00	14.35	YY	13	SLV	13.40	13.40	-261.39	-18418.50	70.463
-334	13.00	14.35	YY	13	SLV	13.40	13.40	-1898.99	-18418.50	9.699
-334	13.00	14.35	YY	16	SLV	13.40	13.40	-1886.00	-18418.50	9.766
-334	13.00	14.35	YY	16	SLV	13.40	13.40	-274.38	-18418.50	67.128
-334	13.00	14.35	YY	19	SLV	13.40	13.40	1629.43	18418.50	11.304
-334	13.00	14.35	YY	19	SLV	13.40	13.40	-3789.81	-18418.50	4.860
-334	13.00	14.35	YY	22	SLV	13.40	13.40	1625.54	18418.50	11.331
-334	13.00	14.35	YY	22	SLV	13.40	13.40	-3785.92	-18418.50	4.865
-334	13.00	14.35	YY	25	SLU	13.40	13.40	-1508.37	-18418.50	12.211
-334	13.00	14.35	YY	26	SLU	13.40	13.40	-1507.48	-18418.50	12.218
-334	13.00	14.35	YY	27	SLU	13.40	13.40	-1694.53	-18418.50	10.869
-334	13.00	14.35	YY	28	SLU	13.40	13.40	-1321.32	-18418.50	13.940
-334	13.00	14.35	YY	2	SLD	13.40	13.40	-705.29	-21356.90	30.281
-334	13.00	14.35	YY	2	SLD	13.40	13.40	-2213.40	-21356.90	9.649
-334	13.00	14.35	YY	5	SLD	13.40	13.40	-1790.97	-21356.90	11.925
-334	13.00	14.35	YY	5	SLD	13.40	13.40	-308.86	-21356.90	69.148
-334	13.00	14.35	YY	8	SLD	13.40	13.40	1443.89	21356.90	14.791
-334	13.00	14.35	YY	8	SLD	13.40	13.40	-3543.72	-21356.90	6.027
-334	13.00	14.35	YY	11	SLD	13.40	13.40	1439.99	21356.90	14.831
-334	13.00	14.35	YY	11	SLD	13.40	13.40	-3539.82	-21356.90	6.033
-334	13.00	14.35	YY	14	SLD	13.40	13.40	-305.54	-21356.90	69.900
-334	13.00	14.35	YY	14	SLD	13.40	13.40	-1813.64	-21356.90	11.776
-334	13.00	14.35	YY	17	SLD	13.40	13.40	-1800.65	-21356.90	11.861
-334	13.00	14.35	YY	17	SLD	13.40	13.40	-318.53	-21356.90	67.048
-334	13.00	14.35	YY	20	SLD	13.40	13.40	1434.21	21356.90	14.891
-334	13.00	14.35	YY	20	SLD	13.40	13.40	-3553.39	-21356.90	6.010
-334	13.00	14.35	YY	23	SLD	13.40	13.40	1430.31	21356.90	14.932
-334	13.00	14.35	YY	23	SLD	13.40	13.40	-3549.50	-21356.90	6.017
-337	16.75	14.35	YY	1	SLV	13.40	13.40	-172.05	-18418.50	107.055
-337	16.75	14.35	YY	1	SLV	13.40	13.40	-1827.44	-18418.50	10.079
-337	16.75	14.35	YY	4	SLV	13.40	13.40	-1777.50	-18418.50	10.362
-337	16.75	14.35	YY	4	SLV	13.40	13.40	-221.99	-18418.50	82.971
-337	16.75	14.35	YY	7	SLV	13.40	13.40	1683.51	18418.50	10.941
-337	16.75	14.35	YY	7	SLV	13.40	13.40	-3683.00	-18418.50	5.001
-337	16.75	14.35	YY	10	SLV	13.40	13.40	1668.52	18418.50	11.039
-337	16.75	14.35	YY	10	SLV	13.40	13.40	-3668.02	-18418.50	5.021
-337	16.75	14.35	YY	13	SLV	13.40	13.40	-71.69	-18418.50	256.905
-337	16.75	14.35	YY	13	SLV	13.40	13.40	-1727.09	-18418.50	10.665
-337	16.75	14.35	YY	16	SLV	13.40	13.40	-1677.15	-18418.50	10.982
-337	16.75	14.35	YY	16	SLV	13.40	13.40	-121.63	-18418.50	151.426
-337	16.75	14.35	YY	19	SLV	13.40	13.40	1783.86	18418.50	10.325
-337	16.75	14.35	YY	19	SLV	13.40	13.40	-3582.64	-18418.50	5.141
-337	16.75	14.35	YY	22	SLV	13.40	13.40	1768.88	18418.50	10.413
-337	16.75	14.35	YY	22	SLV	13.40	13.40	-3567.66	-18418.50	5.163
-337	16.75	14.35	YY	25	SLU	13.40	13.40	-1304.50	-18418.50	14.119
-337	16.75	14.35	YY	26	SLU	13.40	13.40	-1301.06	-18418.50	14.157
-337	16.75	14.35	YY	27	SLU	13.40	13.40	-1487.56	-18418.50	12.382
-337	16.75	14.35	YY	28	SLU	13.40	13.40	-1118.00	-18418.50	16.474
-337	16.75	14.35	YY	2	SLD	13.40	13.40	-620.66	-21356.90	34.410
-337	16.75	14.35	YY	2	SLD	13.40	13.40	-2148.12	-21356.90	9.942
-337	16.75	14.35	YY	5	SLD	13.40	13.40	-1684.85	-21356.90	12.676
-337	16.75	14.35	YY	5	SLD	13.40	13.40	-257.33	-21356.90	82.993
-337	16.75	14.35	YY	8	SLD	13.40	13.40	1498.89	21356.90	14.249
-337	16.75	14.35	YY	8	SLD	13.40	13.40	-3441.08	-21356.90	6.206
-337	16.75	14.35	YY	11	SLD	13.40	13.40	1483.90	21356.90	14.392
-337	16.75	14.35	YY	11	SLD	13.40	13.40	-3426.09	-21356.90	6.234

-337	16.75	14.35	YY	14	SLD	13.40	13.40	-106.94	-21356.90	199.705
-337	16.75	14.35	YY	14	SLD	13.40	13.40	-1634.41	-21356.90	13.067
-337	16.75	14.35	YY	17	SLD	13.40	13.40	-1584.44	-21356.90	13.479
-337	16.75	14.35	YY	17	SLD	13.40	13.40	-156.91	-21356.90	136.105
-337	16.75	14.35	YY	20	SLD	13.40	13.40	1599.31	21356.90	13.354
-337	16.75	14.35	YY	20	SLD	13.40	13.40	-3340.66	-21356.90	6.393
-337	16.75	14.35	YY	23	SLD	13.40	13.40	1584.32	21356.90	13.480
-337	16.75	14.35	YY	23	SLD	13.40	13.40	-3325.67	-21356.90	6.422
-340	20.50	14.35	YY	1	SLV	13.40	13.40	249.14	18418.50	73.928
-340	20.50	14.35	YY	1	SLV	13.40	13.40	-1331.56	-18418.50	13.832
-340	20.50	14.35	YY	4	SLV	13.40	13.40	-1261.58	-18418.50	14.600
-340	20.50	14.35	YY	4	SLV	13.40	13.40	179.16	18418.50	102.805
-340	20.50	14.35	YY	7	SLV	13.40	13.40	1987.16	18418.50	9.269
-340	20.50	14.35	YY	7	SLV	13.40	13.40	-3069.58	-18418.50	6.000
-340	20.50	14.35	YY	10	SLV	13.40	13.40	1966.16	18418.50	9.368
-340	20.50	14.35	YY	10	SLV	13.40	13.40	-3048.59	-18418.50	6.042
-340	20.50	14.35	YY	13	SLV	13.40	13.40	441.25	18418.50	41.742
-340	20.50	14.35	YY	13	SLV	13.40	13.40	-1139.46	-18418.50	16.164
-340	20.50	14.35	YY	16	SLV	13.40	13.40	-1069.48	-18418.50	17.222
-340	20.50	14.35	YY	16	SLV	13.40	13.40	371.27	18418.50	49.610
-340	20.50	14.35	YY	19	SLV	13.40	13.40	2179.26	18418.50	8.452
-340	20.50	14.35	YY	19	SLV	13.40	13.40	-2877.48	-18418.50	6.401
-340	20.50	14.35	YY	22	SLV	13.40	13.40	2158.27	18418.50	8.534
-340	20.50	14.35	YY	22	SLV	13.40	13.40	-2856.48	-18418.50	6.448
-340	20.50	14.35	YY	25	SLU	13.40	13.40	-647.70	-18418.50	28.437
-340	20.50	14.35	YY	26	SLU	13.40	13.40	-642.88	-18418.50	28.650
-340	20.50	14.35	YY	27	SLU	13.40	13.40	-819.49	-18418.50	22.476
-340	20.50	14.35	YY	28	SLU	13.40	13.40	-471.08	-18418.50	39.098
-340	20.50	14.35	YY	2	SLD	13.40	13.40	-244.73	-21356.90	87.267
-340	20.50	14.35	YY	2	SLD	13.40	13.40	-1705.07	-21356.90	12.525
-340	20.50	14.35	YY	5	SLD	13.40	13.40	-1181.82	-21356.90	18.071
-340	20.50	14.35	YY	5	SLD	13.40	13.40	138.47	21356.90	154.232
-340	20.50	14.35	YY	8	SLD	13.40	13.40	1806.02	21356.90	11.825
-340	20.50	14.35	YY	8	SLD	13.40	13.40	-2849.37	-21356.90	7.495
-340	20.50	14.35	YY	11	SLD	13.40	13.40	1785.02	21356.90	11.965
-340	20.50	14.35	YY	11	SLD	13.40	13.40	-2828.36	-21356.90	7.551
-340	20.50	14.35	YY	14	SLD	13.40	13.40	400.73	21356.90	53.295
-340	20.50	14.35	YY	14	SLD	13.40	13.40	-1059.61	-21356.90	20.156
-340	20.50	14.35	YY	17	SLD	13.40	13.40	-989.58	-21356.90	21.582
-340	20.50	14.35	YY	17	SLD	13.40	13.40	330.70	21356.90	64.580
-340	20.50	14.35	YY	20	SLD	13.40	13.40	1998.25	21356.90	10.688
-340	20.50	14.35	YY	20	SLD	13.40	13.40	-2657.14	-21356.90	8.038
-340	20.50	14.35	YY	23	SLD	13.40	13.40	1977.25	21356.90	10.801
-340	20.50	14.35	YY	23	SLD	13.40	13.40	-2636.13	-21356.90	8.102
-341	23.25	14.35	YY	1	SLV	13.40	13.40	945.91	18418.50	19.472
-341	23.25	14.35	YY	1	SLV	13.40	13.40	-931.05	-18418.50	19.782
-341	23.25	14.35	YY	4	SLV	13.40	13.40	-388.65	-18418.50	47.391
-341	23.25	14.35	YY	4	SLV	13.40	13.40	403.51	18418.50	45.646
-341	23.25	14.35	YY	7	SLV	13.40	13.40	2313.06	18418.50	7.963
-341	23.25	14.35	YY	7	SLV	13.40	13.40	-2298.20	-18418.50	8.014
-341	23.25	14.35	YY	10	SLV	13.40	13.40	2150.34	18418.50	8.565
-341	23.25	14.35	YY	10	SLV	13.40	13.40	-2135.48	-18418.50	8.625
-341	23.25	14.35	YY	13	SLV	13.40	13.40	1251.83	18418.50	14.713
-341	23.25	14.35	YY	13	SLV	13.40	13.40	-625.13	-18418.50	29.464
-341	23.25	14.35	YY	16	SLV	13.40	13.40	-82.73	-18418.50	222.642
-341	23.25	14.35	YY	16	SLV	13.40	13.40	709.43	18418.50	25.962
-341	23.25	14.35	YY	19	SLV	13.40	13.40	2618.98	18418.50	7.033
-341	23.25	14.35	YY	19	SLV	13.40	13.40	-1992.27	-18418.50	9.245
-341	23.25	14.35	YY	22	SLV	13.40	13.40	2456.26	18418.50	7.499
-341	23.25	14.35	YY	22	SLV	13.40	13.40	-1829.55	-18418.50	10.067
-341	23.25	14.35	YY	25	SLU	13.40	13.40	273.35	18418.50	67.381
-341	23.25	14.35	YY	26	SLU	13.40	13.40	235.97	18418.50	78.055
-341	23.25	14.35	YY	27	SLU	13.40	13.40	100.31	18418.50	183.615
-341	23.25	14.35	YY	28	SLU	13.40	13.40	409.01	18418.50	45.032
-341	23.25	14.35	YY	2	SLD	13.40	13.40	596.39	21356.90	35.810
-341	23.25	14.35	YY	2	SLD	13.40	13.40	-1174.56	-21356.90	18.183
-341	23.25	14.35	YY	5	SLD	13.40	13.40	-310.07	-21356.90	68.877
-341	23.25	14.35	YY	5	SLD	13.40	13.40	375.37	21356.90	56.896
-341	23.25	14.35	YY	8	SLD	13.40	13.40	2161.06	21356.90	9.883
-341	23.25	14.35	YY	8	SLD	13.40	13.40	-2095.76	-21356.90	10.191
-341	23.25	14.35	YY	11	SLD	13.40	13.40	1998.23	21356.90	10.688
-341	23.25	14.35	YY	11	SLD	13.40	13.40	-1932.93	-21356.90	11.049
-341	23.25	14.35	YY	14	SLD	13.40	13.40	1224.24	21356.90	17.445
-341	23.25	14.35	YY	14	SLD	13.40	13.40	-546.71	-21356.90	39.065
-341	23.25	14.35	YY	17	SLD	13.40	13.40	-3.95	-21356.90	*****
-341	23.25	14.35	YY	17	SLD	13.40	13.40	681.49	21356.90	31.339
-341	23.25	14.35	YY	20	SLD	13.40	13.40	2467.18	21356.90	8.656
-341	23.25	14.35	YY	20	SLD	13.40	13.40	-1789.64	-21356.90	11.934
-341	23.25	14.35	YY	23	SLD	13.40	13.40	2304.35	21356.90	9.268
-341	23.25	14.35	YY	23	SLD	13.40	13.40	-1626.81	-21356.90	13.128
-69	8.25	0.00	YY	1	SLV	13.40	13.40	5928.99	18418.50	3.107

-69	8.25	0.00	YY	1	SLV	13.40	13.40	3582.38	18418.50	5.141
-69	8.25	0.00	YY	4	SLV	13.40	13.40	4426.56	18418.50	4.161
-69	8.25	0.00	YY	4	SLV	13.40	13.40	5084.80	18418.50	3.622
-69	8.25	0.00	YY	7	SLV	13.40	13.40	7386.36	18418.50	2.494
-69	8.25	0.00	YY	7	SLV	13.40	13.40	2125.01	18418.50	8.667
-69	8.25	0.00	YY	10	SLV	13.40	13.40	7133.10	18418.50	2.582
-69	8.25	0.00	YY	10	SLV	13.40	13.40	2378.27	18418.50	7.745
-69	8.25	0.00	YY	13	SLV	13.40	13.40	6081.40	18418.50	3.029
-69	8.25	0.00	YY	13	SLV	13.40	13.40	3734.78	18418.50	4.932
-69	8.25	0.00	YY	16	SLV	13.40	13.40	4578.97	18418.50	4.022
-69	8.25	0.00	YY	16	SLV	13.40	13.40	5237.21	18418.50	3.517
-69	8.25	0.00	YY	19	SLV	13.40	13.40	7538.76	18418.50	2.443
-69	8.25	0.00	YY	19	SLV	13.40	13.40	2277.41	18418.50	8.087
-69	8.25	0.00	YY	22	SLV	13.40	13.40	7285.51	18418.50	2.528
-69	8.25	0.00	YY	22	SLV	13.40	13.40	2530.67	18418.50	7.278
-69	8.25	0.00	YY	25	SLU	13.40	13.40	6193.68	18418.50	2.974
-69	8.25	0.00	YY	26	SLU	13.40	13.40	6251.86	18418.50	2.946
-69	8.25	0.00	YY	27	SLU	13.40	13.40	6336.65	18418.50	2.907
-69	8.25	0.00	YY	28	SLU	13.40	13.40	6108.88	18418.50	3.015
-128	8.25	1.20	YY	1	SLV	13.40	13.40	-289.94	-18418.50	63.525
-128	8.25	1.20	YY	1	SLV	13.40	13.40	-1962.16	-18418.50	9.387
-128	8.25	1.20	YY	4	SLV	13.40	13.40	-1912.77	-18418.50	9.629
-128	8.25	1.20	YY	4	SLV	13.40	13.40	-339.33	-18418.50	54.278
-128	8.25	1.20	YY	7	SLV	13.40	13.40	1586.07	18418.50	11.613
-128	8.25	1.20	YY	7	SLV	13.40	13.40	-3838.18	-18418.50	4.799
-128	8.25	1.20	YY	10	SLV	13.40	13.40	1571.25	18418.50	11.722
-128	8.25	1.20	YY	10	SLV	13.40	13.40	-3823.36	-18418.50	4.817
-128	8.25	1.20	YY	13	SLV	13.40	13.40	-174.12	-18418.50	105.779
-128	8.25	1.20	YY	13	SLV	13.40	13.40	-1846.34	-18418.50	9.976
-128	8.25	1.20	YY	16	SLV	13.40	13.40	-1796.95	-18418.50	10.250
-128	8.25	1.20	YY	16	SLV	13.40	13.40	-223.51	-18418.50	82.404
-128	8.25	1.20	YY	19	SLV	13.40	13.40	1701.89	18418.50	10.822
-128	8.25	1.20	YY	19	SLV	13.40	13.40	-3722.36	-18418.50	4.948
-128	8.25	1.20	YY	22	SLV	13.40	13.40	1687.08	18418.50	10.917
-128	8.25	1.20	YY	22	SLV	13.40	13.40	-3707.54	-18418.50	4.968
-128	8.25	1.20	YY	25	SLU	13.40	13.40	-1695.24	-18418.50	10.865
-128	8.25	1.20	YY	26	SLU	13.40	13.40	-1698.65	-18418.50	10.843
-128	8.25	1.20	YY	27	SLU	13.40	13.40	-1510.90	-18418.50	12.190
-128	8.25	1.20	YY	28	SLU	13.40	13.40	-1882.99	-18418.50	9.782
-128	8.25	1.20	YY	2	SLD	13.40	13.40	-796.76	-21356.90	26.805
-128	8.25	1.20	YY	2	SLD	13.40	13.40	-2339.66	-21356.90	9.128
-128	8.25	1.20	YY	5	SLD	13.40	13.40	-1876.93	-21356.90	11.379
-128	8.25	1.20	YY	5	SLD	13.40	13.40	-432.87	-21356.90	49.338
-128	8.25	1.20	YY	8	SLD	13.40	13.40	1341.64	21356.90	15.919
-128	8.25	1.20	YY	8	SLD	13.40	13.40	-3651.44	-21356.90	5.849
-128	8.25	1.20	YY	11	SLD	13.40	13.40	1326.81	21356.90	16.096
-128	8.25	1.20	YY	11	SLD	13.40	13.40	-3636.62	-21356.90	5.873
-128	8.25	1.20	YY	14	SLD	13.40	13.40	-267.56	-21356.90	79.823
-128	8.25	1.20	YY	14	SLD	13.40	13.40	-1810.45	-21356.90	11.796
-128	8.25	1.20	YY	17	SLD	13.40	13.40	-1761.03	-21356.90	12.128
-128	8.25	1.20	YY	17	SLD	13.40	13.40	-316.98	-21356.90	67.377
-128	8.25	1.20	YY	20	SLD	13.40	13.40	1457.54	21356.90	14.653
-128	8.25	1.20	YY	20	SLD	13.40	13.40	-3535.55	-21356.90	6.041
-128	8.25	1.20	YY	23	SLD	13.40	13.40	1442.71	21356.90	14.803
-128	8.25	1.20	YY	23	SLD	13.40	13.40	-3520.72	-21356.90	6.066
-69	8.25	0.00	YY	2	SLD	13.40	13.40	4306.83	21356.90	4.959
-69	8.25	0.00	YY	2	SLD	13.40	13.40	2079.42	21356.90	10.271
-69	8.25	0.00	YY	5	SLD	13.40	13.40	4471.97	21356.90	4.776
-69	8.25	0.00	YY	5	SLD	13.40	13.40	5009.91	21356.90	4.263
-69	8.25	0.00	YY	8	SLD	13.40	13.40	7172.10	21356.90	2.978
-69	8.25	0.00	YY	8	SLD	13.40	13.40	2309.78	21356.90	9.246
-69	8.25	0.00	YY	11	SLD	13.40	13.40	6918.68	21356.90	3.087
-69	8.25	0.00	YY	11	SLD	13.40	13.40	2563.20	21356.90	8.332
-69	8.25	0.00	YY	14	SLD	13.40	13.40	6007.15	21356.90	3.555
-69	8.25	0.00	YY	14	SLD	13.40	13.40	3779.74	21356.90	5.650
-69	8.25	0.00	YY	17	SLD	13.40	13.40	4624.48	21356.90	4.618
-69	8.25	0.00	YY	17	SLD	13.40	13.40	5162.41	21356.90	4.137
-69	8.25	0.00	YY	20	SLD	13.40	13.40	7324.61	21356.90	2.916
-69	8.25	0.00	YY	20	SLD	13.40	13.40	2462.28	21356.90	8.674
-69	8.25	0.00	YY	23	SLD	13.40	13.40	7071.19	21356.90	3.020
-69	8.25	0.00	YY	23	SLD	13.40	13.40	2715.70	21356.90	7.864
-71	12.00	0.00	YY	1	SLV	13.40	13.40	5966.05	18418.50	3.087
-71	12.00	0.00	YY	1	SLV	13.40	13.40	3544.17	18418.50	5.197
-71	12.00	0.00	YY	4	SLV	13.40	13.40	4434.99	18418.50	4.153
-71	12.00	0.00	YY	4	SLV	13.40	13.40	5075.24	18418.50	3.629
-71	12.00	0.00	YY	7	SLV	13.40	13.40	7440.51	18418.50	2.475
-71	12.00	0.00	YY	7	SLV	13.40	13.40	2069.72	18418.50	8.899
-71	12.00	0.00	YY	10	SLV	13.40	13.40	7173.26	18418.50	2.568
-71	12.00	0.00	YY	10	SLV	13.40	13.40	2336.96	18418.50	7.881
-71	12.00	0.00	YY	13	SLV	13.40	13.40	6052.83	18418.50	3.043
-71	12.00	0.00	YY	13	SLV	13.40	13.40	3630.95	18418.50	5.073

-71	12.00	0.00	YY	16	SLV	13.40	13.40	4521.77	18418.50	4.073
-71	12.00	0.00	YY	16	SLV	13.40	13.40	5162.01	18418.50	3.568
-71	12.00	0.00	YY	19	SLV	13.40	13.40	7527.28	18418.50	2.447
-71	12.00	0.00	YY	19	SLV	13.40	13.40	2156.50	18418.50	8.541
-71	12.00	0.00	YY	22	SLV	13.40	13.40	7260.04	18418.50	2.537
-71	12.00	0.00	YY	22	SLV	13.40	13.40	2423.74	18418.50	7.599
-71	12.00	0.00	YY	25	SLU	13.40	13.40	6165.67	18418.50	2.987
-71	12.00	0.00	YY	26	SLU	13.40	13.40	6227.05	18418.50	2.958
-71	12.00	0.00	YY	27	SLU	13.40	13.40	6310.57	18418.50	2.919
-71	12.00	0.00	YY	28	SLU	13.40	13.40	6082.15	18418.50	3.028
-133	13.00	1.20	YY	1	SLV	13.40	13.40	-344.01	-18418.50	53.541
-133	13.00	1.20	YY	1	SLV	13.40	13.40	-1981.60	-18418.50	9.295
-133	13.00	1.20	YY	4	SLV	13.40	13.40	-1968.61	-18418.50	9.356
-133	13.00	1.20	YY	4	SLV	13.40	13.40	-356.99	-18418.50	51.593
-133	13.00	1.20	YY	7	SLV	13.40	13.40	1546.82	18418.50	11.907
-133	13.00	1.20	YY	7	SLV	13.40	13.40	-3872.43	-18418.50	4.756
-133	13.00	1.20	YY	10	SLV	13.40	13.40	1542.93	18418.50	11.937
-133	13.00	1.20	YY	10	SLV	13.40	13.40	-3868.53	-18418.50	4.761
-133	13.00	1.20	YY	13	SLV	13.40	13.40	-334.34	-18418.50	55.090
-133	13.00	1.20	YY	13	SLV	13.40	13.40	-1971.93	-18418.50	9.340
-133	13.00	1.20	YY	16	SLV	13.40	13.40	-1958.94	-18418.50	9.402
-133	13.00	1.20	YY	16	SLV	13.40	13.40	-347.32	-18418.50	53.030
-133	13.00	1.20	YY	19	SLV	13.40	13.40	1556.49	18418.50	11.833
-133	13.00	1.20	YY	19	SLV	13.40	13.40	-3862.76	-18418.50	4.768
-133	13.00	1.20	YY	22	SLV	13.40	13.40	1552.60	18418.50	11.863
-133	13.00	1.20	YY	22	SLV	13.40	13.40	-3858.86	-18418.50	4.773
-133	13.00	1.20	YY	25	SLU	13.40	13.40	-1787.58	-18418.50	10.304
-133	13.00	1.20	YY	26	SLU	13.40	13.40	-1786.69	-18418.50	10.309
-133	13.00	1.20	YY	27	SLU	13.40	13.40	-1600.53	-18418.50	11.508
-133	13.00	1.20	YY	28	SLU	13.40	13.40	-1973.74	-18418.50	9.332
-133	13.00	1.20	YY	2	SLD	13.40	13.40	-838.71	-21356.90	25.464
-133	13.00	1.20	YY	2	SLD	13.40	13.40	-2346.82	-21356.90	9.100
-133	13.00	1.20	YY	5	SLD	13.40	13.40	-1924.39	-21356.90	11.098
-133	13.00	1.20	YY	5	SLD	13.40	13.40	-442.28	-21356.90	48.289
-133	13.00	1.20	YY	8	SLD	13.40	13.40	1310.47	21356.90	16.297
-133	13.00	1.20	YY	8	SLD	13.40	13.40	-3677.14	-21356.90	5.808
-133	13.00	1.20	YY	11	SLD	13.40	13.40	1306.57	21356.90	16.346
-133	13.00	1.20	YY	11	SLD	13.40	13.40	-3673.24	-21356.90	5.814
-133	13.00	1.20	YY	14	SLD	13.40	13.40	-419.61	-21356.90	50.898
-133	13.00	1.20	YY	14	SLD	13.40	13.40	-1927.71	-21356.90	11.079
-133	13.00	1.20	YY	17	SLD	13.40	13.40	-1914.72	-21356.90	11.154
-133	13.00	1.20	YY	17	SLD	13.40	13.40	-432.60	-21356.90	49.369
-133	13.00	1.20	YY	20	SLD	13.40	13.40	1320.14	21356.90	16.178
-133	13.00	1.20	YY	20	SLD	13.40	13.40	-3667.46	-21356.90	5.823
-133	13.00	1.20	YY	23	SLD	13.40	13.40	1316.25	21356.90	16.226
-133	13.00	1.20	YY	23	SLD	13.40	13.40	-3663.56	-21356.90	5.830
-71	12.00	0.00	YY	2	SLD	13.40	13.40	4350.57	21356.90	4.909
-71	12.00	0.00	YY	2	SLD	13.40	13.40	2050.15	21356.90	10.417
-71	12.00	0.00	YY	5	SLD	13.40	13.40	4486.56	21356.90	4.760
-71	12.00	0.00	YY	5	SLD	13.40	13.40	5004.19	21356.90	4.268
-71	12.00	0.00	YY	8	SLD	13.40	13.40	7227.46	21356.90	2.955
-71	12.00	0.00	YY	8	SLD	13.40	13.40	2263.29	21356.90	9.436
-71	12.00	0.00	YY	11	SLD	13.40	13.40	6960.04	21356.90	3.069
-71	12.00	0.00	YY	11	SLD	13.40	13.40	2530.71	21356.90	8.439
-71	12.00	0.00	YY	14	SLD	13.40	13.40	5982.42	21356.90	3.570
-71	12.00	0.00	YY	14	SLD	13.40	13.40	3682.00	21356.90	5.800
-71	12.00	0.00	YY	17	SLD	13.40	13.40	4573.39	21356.90	4.670
-71	12.00	0.00	YY	17	SLD	13.40	13.40	5091.02	21356.90	4.195
-71	12.00	0.00	YY	20	SLD	13.40	13.40	7314.29	21356.90	2.920
-71	12.00	0.00	YY	20	SLD	13.40	13.40	2350.12	21356.90	9.088
-71	12.00	0.00	YY	23	SLD	13.40	13.40	7046.87	21356.90	3.031
-71	12.00	0.00	YY	23	SLD	13.40	13.40	2617.54	21356.90	8.159
-73	15.75	0.00	YY	1	SLV	13.40	13.40	5989.99	18418.50	3.075
-73	15.75	0.00	YY	1	SLV	13.40	13.40	3531.69	18418.50	5.215
-73	15.75	0.00	YY	4	SLV	13.40	13.40	4451.32	18418.50	4.138
-73	15.75	0.00	YY	4	SLV	13.40	13.40	5070.37	18418.50	3.633
-73	15.75	0.00	YY	7	SLV	13.40	13.40	7463.25	18418.50	2.468
-73	15.75	0.00	YY	7	SLV	13.40	13.40	2058.44	18418.50	8.948
-73	15.75	0.00	YY	10	SLV	13.40	13.40	7187.36	18418.50	2.563
-73	15.75	0.00	YY	10	SLV	13.40	13.40	2334.33	18418.50	7.890
-73	15.75	0.00	YY	13	SLV	13.40	13.40	6010.07	18418.50	3.065
-73	15.75	0.00	YY	13	SLV	13.40	13.40	3551.77	18418.50	5.186
-73	15.75	0.00	YY	16	SLV	13.40	13.40	4471.39	18418.50	4.119
-73	15.75	0.00	YY	16	SLV	13.40	13.40	5090.44	18418.50	3.618
-73	15.75	0.00	YY	19	SLV	13.40	13.40	7483.32	18418.50	2.461
-73	15.75	0.00	YY	19	SLV	13.40	13.40	2078.51	18418.50	8.861
-73	15.75	0.00	YY	22	SLV	13.40	13.40	7207.43	18418.50	2.555
-73	15.75	0.00	YY	22	SLV	13.40	13.40	2354.40	18418.50	7.823
-73	15.75	0.00	YY	25	SLU	13.40	13.40	6107.37	18418.50	3.016
-73	15.75	0.00	YY	26	SLU	13.40	13.40	6170.75	18418.50	2.985
-73	15.75	0.00	YY	27	SLU	13.40	13.40	6251.61	18418.50	2.946

-73	15.75	0.00	YY	28	SLU	13.40	13.40	6026.51	18418.50	3.056
-136	16.75	1.20	YY	1	SLV	13.40	13.40	-186.18	-18418.50	98.930
-136	16.75	1.20	YY	1	SLV	13.40	13.40	-1841.57	-18418.50	10.002
-136	16.75	1.20	YY	4	SLV	13.40	13.40	-1791.63	-18418.50	10.280
-136	16.75	1.20	YY	4	SLV	13.40	13.40	-236.12	-18418.50	78.006
-136	16.75	1.20	YY	7	SLV	13.40	13.40	1669.38	18418.50	11.033
-136	16.75	1.20	YY	7	SLV	13.40	13.40	-3697.13	-18418.50	4.982
-136	16.75	1.20	YY	10	SLV	13.40	13.40	1654.39	18418.50	11.133
-136	16.75	1.20	YY	10	SLV	13.40	13.40	-3682.15	-18418.50	5.002
-136	16.75	1.20	YY	13	SLV	13.40	13.40	-286.53	-18418.50	64.281
-136	16.75	1.20	YY	13	SLV	13.40	13.40	-1941.93	-18418.50	9.485
-136	16.75	1.20	YY	16	SLV	13.40	13.40	-1891.99	-18418.50	9.735
-136	16.75	1.20	YY	16	SLV	13.40	13.40	-336.47	-18418.50	54.740
-136	16.75	1.20	YY	19	SLV	13.40	13.40	1569.02	18418.50	11.739
-136	16.75	1.20	YY	19	SLV	13.40	13.40	-3797.48	-18418.50	4.850
-136	16.75	1.20	YY	22	SLV	13.40	13.40	1554.04	18418.50	11.852
-136	16.75	1.20	YY	22	SLV	13.40	13.40	-3782.50	-18418.50	4.869
-136	16.75	1.20	YY	25	SLU	13.40	13.40	-1691.36	-18418.50	10.890
-136	16.75	1.20	YY	26	SLU	13.40	13.40	-1687.92	-18418.50	10.912
-136	16.75	1.20	YY	27	SLU	13.40	13.40	-1504.86	-18418.50	12.239
-136	16.75	1.20	YY	28	SLU	13.40	13.40	-1874.42	-18418.50	9.826
-73	15.75	0.00	YY	2	SLD	13.40	13.40	4365.79	21356.90	4.892
-73	15.75	0.00	YY	2	SLD	13.40	13.40	2029.53	21356.90	10.523
-73	15.75	0.00	YY	5	SLD	13.40	13.40	4498.52	21356.90	4.748
-73	15.75	0.00	YY	5	SLD	13.40	13.40	4994.34	21356.90	4.276
-73	15.75	0.00	YY	8	SLD	13.40	13.40	7244.52	21356.90	2.948
-73	15.75	0.00	YY	8	SLD	13.40	13.40	2248.34	21356.90	9.499
-73	15.75	0.00	YY	11	SLD	13.40	13.40	6968.45	21356.90	3.065
-73	15.75	0.00	YY	11	SLD	13.40	13.40	2524.41	21356.90	8.460
-73	15.75	0.00	YY	14	SLD	13.40	13.40	5934.64	21356.90	3.599
-73	15.75	0.00	YY	14	SLD	13.40	13.40	3598.39	21356.90	5.935
-73	15.75	0.00	YY	17	SLD	13.40	13.40	4518.61	21356.90	4.726
-73	15.75	0.00	YY	17	SLD	13.40	13.40	5014.42	21356.90	4.259
-73	15.75	0.00	YY	20	SLD	13.40	13.40	7264.60	21356.90	2.940
-73	15.75	0.00	YY	20	SLD	13.40	13.40	2268.43	21356.90	9.415
-73	15.75	0.00	YY	23	SLD	13.40	13.40	6988.54	21356.90	3.056
-73	15.75	0.00	YY	23	SLD	13.40	13.40	2544.49	21356.90	8.393
-136	16.75	1.20	YY	2	SLD	13.40	13.40	-691.72	-21356.90	30.875
-136	16.75	1.20	YY	2	SLD	13.40	13.40	-2219.18	-21356.90	9.624
-136	16.75	1.20	YY	5	SLD	13.40	13.40	-1755.91	-21356.90	12.163
-136	16.75	1.20	YY	5	SLD	13.40	13.40	-328.39	-21356.90	65.035
-136	16.75	1.20	YY	8	SLD	13.40	13.40	1427.83	21356.90	14.958
-136	16.75	1.20	YY	8	SLD	13.40	13.40	-3512.14	-21356.90	6.081
-136	16.75	1.20	YY	11	SLD	13.40	13.40	1412.84	21356.90	15.116
-136	16.75	1.20	YY	11	SLD	13.40	13.40	-3497.14	-21356.90	6.107
-136	16.75	1.20	YY	14	SLD	13.40	13.40	-378.84	-21356.90	56.375
-136	16.75	1.20	YY	14	SLD	13.40	13.40	-1906.30	-21356.90	11.203
-136	16.75	1.20	YY	17	SLD	13.40	13.40	-1856.33	-21356.90	11.505
-136	16.75	1.20	YY	17	SLD	13.40	13.40	-428.81	-21356.90	49.805
-136	16.75	1.20	YY	20	SLD	13.40	13.40	1327.41	21356.90	16.089
-136	16.75	1.20	YY	20	SLD	13.40	13.40	-3612.56	-21356.90	5.912
-136	16.75	1.20	YY	23	SLD	13.40	13.40	1312.42	21356.90	16.273
-136	16.75	1.20	YY	23	SLD	13.40	13.40	-3597.56	-21356.90	5.936
-75	19.50	0.00	YY	1	SLV	13.40	13.40	5885.74	18418.50	3.129
-75	19.50	0.00	YY	1	SLV	13.40	13.40	3552.46	18418.50	5.185
-75	19.50	0.00	YY	4	SLV	13.40	13.40	4294.82	18418.50	4.289
-75	19.50	0.00	YY	4	SLV	13.40	13.40	5143.38	18418.50	3.581
-75	19.50	0.00	YY	7	SLV	13.40	13.40	7481.99	18418.50	2.462
-75	19.50	0.00	YY	7	SLV	13.40	13.40	1956.22	18418.50	9.415
-75	19.50	0.00	YY	10	SLV	13.40	13.40	7259.28	18418.50	2.537
-75	19.50	0.00	YY	10	SLV	13.40	13.40	2178.92	18418.50	8.453
-75	19.50	0.00	YY	13	SLV	13.40	13.40	5840.23	18418.50	3.154
-75	19.50	0.00	YY	13	SLV	13.40	13.40	3506.96	18418.50	5.252
-75	19.50	0.00	YY	16	SLV	13.40	13.40	4249.31	18418.50	4.334
-75	19.50	0.00	YY	16	SLV	13.40	13.40	5097.87	18418.50	3.613
-75	19.50	0.00	YY	19	SLV	13.40	13.40	7436.48	18418.50	2.477
-75	19.50	0.00	YY	19	SLV	13.40	13.40	1910.71	18418.50	9.640
-75	19.50	0.00	YY	22	SLV	13.40	13.40	7213.77	18418.50	2.553
-75	19.50	0.00	YY	22	SLV	13.40	13.40	2133.42	18418.50	8.633
-75	19.50	0.00	YY	25	SLU	13.40	13.40	6024.71	18418.50	3.057
-75	19.50	0.00	YY	26	SLU	13.40	13.40	6075.87	18418.50	3.031
-75	19.50	0.00	YY	27	SLU	13.40	13.40	6150.07	18418.50	2.995
-75	19.50	0.00	YY	28	SLU	13.40	13.40	5950.51	18418.50	3.095
-139	20.50	1.20	YY	1	SLV	13.40	13.40	363.20	18418.50	50.712
-139	20.50	1.20	YY	1	SLV	13.40	13.40	-1217.51	-18418.50	15.128
-139	20.50	1.20	YY	4	SLV	13.40	13.40	-1147.53	-18418.50	16.051
-139	20.50	1.20	YY	4	SLV	13.40	13.40	293.22	18418.50	62.816
-139	20.50	1.20	YY	7	SLV	13.40	13.40	2101.21	18418.50	8.766
-139	20.50	1.20	YY	7	SLV	13.40	13.40	-2955.53	-18418.50	6.232
-139	20.50	1.20	YY	10	SLV	13.40	13.40	2080.22	18418.50	8.854
-139	20.50	1.20	YY	10	SLV	13.40	13.40	-2934.53	-18418.50	6.276

-139	20.50	1.20	YY	13	SLV	13.40	13.40	171.09	18418.50	107.653
-139	20.50	1.20	YY	13	SLV	13.40	13.40	-1409.61	-18418.50	13.066
-139	20.50	1.20	YY	16	SLV	13.40	13.40	-1339.63	-18418.50	13.749
-139	20.50	1.20	YY	16	SLV	13.40	13.40	101.11	18418.50	182.163
-139	20.50	1.20	YY	19	SLV	13.40	13.40	1909.11	18418.50	9.648
-139	20.50	1.20	YY	19	SLV	13.40	13.40	-3147.63	-18418.50	5.852
-139	20.50	1.20	YY	22	SLV	13.40	13.40	1888.11	18418.50	9.755
-139	20.50	1.20	YY	22	SLV	13.40	13.40	-3126.64	-18418.50	5.891
-139	20.50	1.20	YY	25	SLU	13.40	13.40	-911.51	-18418.50	20.207
-139	20.50	1.20	YY	26	SLU	13.40	13.40	-906.69	-18418.50	20.314
-139	20.50	1.20	YY	27	SLU	13.40	13.40	-734.89	-18418.50	25.063
-139	20.50	1.20	YY	28	SLU	13.40	13.40	-1083.30	-18418.50	17.002
-75	19.50	0.00	YY	2	SLD	13.40	13.40	4199.55	21356.90	5.086
-75	19.50	0.00	YY	2	SLD	13.40	13.40	1992.59	21356.90	10.718
-75	19.50	0.00	YY	5	SLD	13.40	13.40	4349.47	21356.90	4.910
-75	19.50	0.00	YY	5	SLD	13.40	13.40	5070.75	21356.90	4.212
-75	19.50	0.00	YY	8	SLD	13.40	13.40	7261.73	21356.90	2.941
-75	19.50	0.00	YY	8	SLD	13.40	13.40	2158.49	21356.90	9.894
-75	19.50	0.00	YY	11	SLD	13.40	13.40	7038.88	21356.90	3.034
-75	19.50	0.00	YY	11	SLD	13.40	13.40	2381.34	21356.90	8.968
-75	19.50	0.00	YY	14	SLD	13.40	13.40	5768.05	21356.90	3.703
-75	19.50	0.00	YY	14	SLD	13.40	13.40	3561.09	21356.90	5.997
-75	19.50	0.00	YY	17	SLD	13.40	13.40	4303.93	21356.90	4.962
-75	19.50	0.00	YY	17	SLD	13.40	13.40	5025.21	21356.90	4.250
-75	19.50	0.00	YY	20	SLD	13.40	13.40	7216.19	21356.90	2.960
-75	19.50	0.00	YY	20	SLD	13.40	13.40	2112.95	21356.90	10.108
-75	19.50	0.00	YY	23	SLD	13.40	13.40	6993.34	21356.90	3.054
-75	19.50	0.00	YY	23	SLD	13.40	13.40	2335.80	21356.90	9.143
-139	20.50	1.20	YY	2	SLD	13.40	13.40	-169.41	-21356.90	126.064
-139	20.50	1.20	YY	2	SLD	13.40	13.40	-1629.75	-21356.90	13.104
-139	20.50	1.20	YY	5	SLD	13.40	13.40	-1106.50	-21356.90	19.301
-139	20.50	1.20	YY	5	SLD	13.40	13.40	213.79	21356.90	99.896
-139	20.50	1.20	YY	8	SLD	13.40	13.40	1881.34	21356.90	11.352
-139	20.50	1.20	YY	8	SLD	13.40	13.40	-2774.05	-21356.90	7.699
-139	20.50	1.20	YY	11	SLD	13.40	13.40	1860.33	21356.90	11.480
-139	20.50	1.20	YY	11	SLD	13.40	13.40	-2753.04	-21356.90	7.758
-139	20.50	1.20	YY	14	SLD	13.40	13.40	91.59	21356.90	233.189
-139	20.50	1.20	YY	14	SLD	13.40	13.40	-1368.75	-21356.90	15.603
-139	20.50	1.20	YY	17	SLD	13.40	13.40	-1298.73	-21356.90	16.445
-139	20.50	1.20	YY	17	SLD	13.40	13.40	21.56	21356.90	990.581
-139	20.50	1.20	YY	20	SLD	13.40	13.40	1689.11	21356.90	12.644
-139	20.50	1.20	YY	20	SLD	13.40	13.40	-2966.28	-21356.90	7.200
-139	20.50	1.20	YY	23	SLD	13.40	13.40	1668.10	21356.90	12.803
-139	20.50	1.20	YY	23	SLD	13.40	13.40	-2945.27	-21356.90	7.251
-77	23.25	0.00	YY	1	SLV	13.40	13.40	6176.21	18418.50	2.982
-77	23.25	0.00	YY	1	SLV	13.40	13.40	2863.50	18418.50	6.432
-77	23.25	0.00	YY	4	SLV	13.40	13.40	4055.71	18418.50	4.541
-77	23.25	0.00	YY	4	SLV	13.40	13.40	4984.00	18418.50	3.696
-77	23.25	0.00	YY	7	SLV	13.40	13.40	8232.86	18418.50	2.237
-77	23.25	0.00	YY	7	SLV	13.40	13.40	806.85	18418.50	22.828
-77	23.25	0.00	YY	10	SLV	13.40	13.40	7875.20	18418.50	2.339
-77	23.25	0.00	YY	10	SLV	13.40	13.40	1164.51	18418.50	15.817
-77	23.25	0.00	YY	13	SLV	13.40	13.40	5992.34	18418.50	3.074
-77	23.25	0.00	YY	13	SLV	13.40	13.40	2679.62	18418.50	6.874
-77	23.25	0.00	YY	16	SLV	13.40	13.40	3871.83	18418.50	4.757
-77	23.25	0.00	YY	16	SLV	13.40	13.40	4800.12	18418.50	3.837
-77	23.25	0.00	YY	19	SLV	13.40	13.40	8048.98	18418.50	2.288
-77	23.25	0.00	YY	19	SLV	13.40	13.40	622.97	18418.50	29.566
-77	23.25	0.00	YY	22	SLV	13.40	13.40	7691.32	18418.50	2.395
-77	23.25	0.00	YY	22	SLV	13.40	13.40	980.63	18418.50	18.782
-77	23.25	0.00	YY	25	SLU	13.40	13.40	5683.85	18418.50	3.240
-77	23.25	0.00	YY	26	SLU	13.40	13.40	5612.22	18418.50	3.282
-77	23.25	0.00	YY	27	SLU	13.40	13.40	5708.56	18418.50	3.226
-77	23.25	0.00	YY	28	SLU	13.40	13.40	5587.51	18418.50	3.296
-140	23.25	1.20	YY	1	SLV	13.40	13.40	1145.01	18418.50	16.086
-140	23.25	1.20	YY	1	SLV	13.40	13.40	-731.96	-18418.50	25.163
-140	23.25	1.20	YY	4	SLV	13.40	13.40	-189.55	-18418.50	97.168
-140	23.25	1.20	YY	4	SLV	13.40	13.40	602.60	18418.50	30.565
-140	23.25	1.20	YY	7	SLV	13.40	13.40	2512.15	18418.50	7.332
-140	23.25	1.20	YY	7	SLV	13.40	13.40	-2099.10	-18418.50	8.774
-140	23.25	1.20	YY	10	SLV	13.40	13.40	2349.43	18418.50	7.840
-140	23.25	1.20	YY	10	SLV	13.40	13.40	-1936.38	-18418.50	9.512
-140	23.25	1.20	YY	13	SLV	13.40	13.40	839.08	18418.50	21.951
-140	23.25	1.20	YY	13	SLV	13.40	13.40	-1037.88	-18418.50	17.746
-140	23.25	1.20	YY	16	SLV	13.40	13.40	-495.48	-18418.50	37.173
-140	23.25	1.20	YY	16	SLV	13.40	13.40	296.68	18418.50	62.082
-140	23.25	1.20	YY	19	SLV	13.40	13.40	2206.23	18418.50	8.348
-140	23.25	1.20	YY	19	SLV	13.40	13.40	-2405.02	-18418.50	7.658
-140	23.25	1.20	YY	22	SLV	13.40	13.40	2043.51	18418.50	9.013
-140	23.25	1.20	YY	22	SLV	13.40	13.40	-2242.30	-18418.50	8.214
-140	23.25	1.20	YY	25	SLU	13.40	13.40	-87.82	-18418.50	209.730

-140	23.25	1.20	YY	26	SLU	13.40	13.40	-125.20	-18418.50	147.113
-140	23.25	1.20	YY	27	SLU	13.40	13.40	47.84	18418.50	385.014
-140	23.25	1.20	YY	28	SLU	13.40	13.40	-260.86	-18418.50	70.607
-77	23.25	0.00	YY	2	SLD	13.40	13.40	4302.83	21356.90	4.963
-77	23.25	0.00	YY	2	SLD	13.40	13.40	1158.34	21356.90	18.438
-77	23.25	0.00	YY	5	SLD	13.40	13.40	4125.10	21356.90	5.177
-77	23.25	0.00	YY	5	SLD	13.40	13.40	4883.62	21356.90	4.373
-77	23.25	0.00	YY	8	SLD	13.40	13.40	7935.82	21356.90	2.691
-77	23.25	0.00	YY	8	SLD	13.40	13.40	1072.90	21356.90	19.906
-77	23.25	0.00	YY	11	SLD	13.40	13.40	7577.92	21356.90	2.818
-77	23.25	0.00	YY	11	SLD	13.40	13.40	1430.80	21356.90	14.927
-77	23.25	0.00	YY	14	SLD	13.40	13.40	5892.61	21356.90	3.624
-77	23.25	0.00	YY	14	SLD	13.40	13.40	2748.12	21356.90	7.771
-77	23.25	0.00	YY	17	SLD	13.40	13.40	3941.11	21356.90	5.419
-77	23.25	0.00	YY	17	SLD	13.40	13.40	4699.62	21356.90	4.544
-77	23.25	0.00	YY	20	SLD	13.40	13.40	7751.82	21356.90	2.755
-77	23.25	0.00	YY	20	SLD	13.40	13.40	888.91	21356.90	24.026
-77	23.25	0.00	YY	23	SLD	13.40	13.40	7393.92	21356.90	2.888
-77	23.25	0.00	YY	23	SLD	13.40	13.40	1246.80	21356.90	17.129
-140	23.25	1.20	YY	2	SLD	13.40	13.40	742.48	21356.90	28.764
-140	23.25	1.20	YY	2	SLD	13.40	13.40	-1028.47	-21356.90	20.766
-140	23.25	1.20	YY	5	SLD	13.40	13.40	-163.99	-21356.90	130.237
-140	23.25	1.20	YY	5	SLD	13.40	13.40	521.46	21356.90	40.956
-140	23.25	1.20	YY	8	SLD	13.40	13.40	2307.15	21356.90	9.257
-140	23.25	1.20	YY	8	SLD	13.40	13.40	-1949.67	-21356.90	10.954
-140	23.25	1.20	YY	11	SLD	13.40	13.40	2144.32	21356.90	9.960
-140	23.25	1.20	YY	11	SLD	13.40	13.40	-1786.85	-21356.90	11.952
-140	23.25	1.20	YY	14	SLD	13.40	13.40	758.09	21356.90	28.172
-140	23.25	1.20	YY	14	SLD	13.40	13.40	-1012.86	-21356.90	21.086
-140	23.25	1.20	YY	17	SLD	13.40	13.40	-470.11	-21356.90	45.430
-140	23.25	1.20	YY	17	SLD	13.40	13.40	215.34	21356.90	99.179
-140	23.25	1.20	YY	20	SLD	13.40	13.40	2001.02	21356.90	10.673
-140	23.25	1.20	YY	20	SLD	13.40	13.40	-2255.79	-21356.90	9.468
-140	23.25	1.20	YY	23	SLD	13.40	13.40	1838.20	21356.90	11.618
-140	23.25	1.20	YY	23	SLD	13.40	13.40	-2092.97	-21356.90	10.204
11	25.00	9.97	YY	1	SLV	13.40	13.40	5689.25	18418.50	3.237
11	25.00	9.97	YY	1	SLV	13.40	13.40	-1023.96	-18418.50	17.988
11	25.00	9.97	YY	4	SLV	13.40	13.40	-433.10	-18418.50	42.527
11	25.00	9.97	YY	4	SLV	13.40	13.40	5098.40	18418.50	3.613
11	25.00	9.97	YY	7	SLV	13.40	13.40	12625.20	18418.50	1.459
11	25.00	9.97	YY	7	SLV	13.40	13.40	-7959.90	-18418.50	2.314
11	25.00	9.97	YY	10	SLV	13.40	13.40	12447.90	18418.50	1.480
11	25.00	9.97	YY	10	SLV	13.40	13.40	-7782.65	-18418.50	2.367
11	25.00	9.97	YY	13	SLV	13.40	13.40	5638.17	18418.50	3.267
11	25.00	9.97	YY	13	SLV	13.40	13.40	-1075.04	-18418.50	17.133
11	25.00	9.97	YY	16	SLV	13.40	13.40	-484.19	-18418.50	38.040
11	25.00	9.97	YY	16	SLV	13.40	13.40	5047.31	18418.50	3.649
11	25.00	9.97	YY	19	SLV	13.40	13.40	12574.10	18418.50	1.465
11	25.00	9.97	YY	19	SLV	13.40	13.40	-8010.99	-18418.50	2.299
11	25.00	9.97	YY	22	SLV	13.40	13.40	12396.90	18418.50	1.486
11	25.00	9.97	YY	22	SLV	13.40	13.40	-7833.73	-18418.50	2.351
11	25.00	9.97	YY	25	SLU	13.40	13.40	2853.79	18418.50	6.454
11	25.00	9.97	YY	26	SLU	13.40	13.40	2869.10	18418.50	6.420
11	25.00	9.97	YY	27	SLU	13.40	13.40	2889.79	18418.50	6.374
11	25.00	9.97	YY	28	SLU	13.40	13.40	2833.11	18418.50	6.501
11	25.00	9.97	YY	2	SLD	13.40	13.40	6386.40	21356.90	3.344
11	25.00	9.97	YY	2	SLD	13.40	13.40	160.74	21356.90	132.863
11	25.00	9.97	YY	5	SLD	13.40	13.40	-192.35	-21356.90	111.028
11	25.00	9.97	YY	5	SLD	13.40	13.40	4850.82	21356.90	4.403
11	25.00	9.97	YY	8	SLD	13.40	13.40	11808.60	21356.90	1.809
11	25.00	9.97	YY	8	SLD	13.40	13.40	-7150.15	-21356.90	2.987
11	25.00	9.97	YY	11	SLD	13.40	13.40	11631.20	21356.90	1.836
11	25.00	9.97	YY	11	SLD	13.40	13.40	-6972.78	-21356.90	3.063
11	25.00	9.97	YY	14	SLD	13.40	13.40	5390.94	21356.90	3.962
11	25.00	9.97	YY	14	SLD	13.40	13.40	-834.72	-21356.90	25.586
11	25.00	9.97	YY	17	SLD	13.40	13.40	-243.47	-21356.90	87.717
11	25.00	9.97	YY	17	SLD	13.40	13.40	4799.70	21356.90	4.450
11	25.00	9.97	YY	20	SLD	13.40	13.40	11757.50	21356.90	1.816
11	25.00	9.97	YY	20	SLD	13.40	13.40	-7201.27	-21356.90	2.966
11	25.00	9.97	YY	23	SLD	13.40	13.40	11580.10	21356.90	1.844
11	25.00	9.97	YY	23	SLD	13.40	13.40	-7023.90	-21356.90	3.041
-68	5.50	0.00	YY	1	SLV	13.40	13.40	5852.00	18418.50	3.147
-68	5.50	0.00	YY	1	SLV	13.40	13.40	3499.22	18418.50	5.264
-68	5.50	0.00	YY	4	SLV	13.40	13.40	4231.71	18418.50	4.352
-68	5.50	0.00	YY	4	SLV	13.40	13.40	5119.51	18418.50	3.598
-68	5.50	0.00	YY	7	SLV	13.40	13.40	7485.97	18418.50	2.460
-68	5.50	0.00	YY	7	SLV	13.40	13.40	1865.25	18418.50	9.875
-68	5.50	0.00	YY	10	SLV	13.40	13.40	7266.22	18418.50	2.535
-68	5.50	0.00	YY	10	SLV	13.40	13.40	2085.00	18418.50	8.834
-68	5.50	0.00	YY	13	SLV	13.40	13.40	5911.76	18418.50	3.116
-68	5.50	0.00	YY	13	SLV	13.40	13.40	3558.98	18418.50	5.175

-68	5.50	0.00	YY	16	SLV	13.40	13.40	4291.47	18418.50	4.292
-68	5.50	0.00	YY	16	SLV	13.40	13.40	5179.27	18418.50	3.556
-68	5.50	0.00	YY	19	SLV	13.40	13.40	7545.72	18418.50	2.441
-68	5.50	0.00	YY	19	SLV	13.40	13.40	1925.01	18418.50	9.568
-68	5.50	0.00	YY	22	SLV	13.40	13.40	7325.98	18418.50	2.514
-68	5.50	0.00	YY	22	SLV	13.40	13.40	2144.76	18418.50	8.588
-68	5.50	0.00	YY	25	SLU	13.40	13.40	6068.48	18418.50	3.035
-68	5.50	0.00	YY	26	SLU	13.40	13.40	6018.00	18418.50	3.061
-68	5.50	0.00	YY	27	SLU	13.40	13.40	6146.13	18418.50	2.997
-68	5.50	0.00	YY	28	SLU	13.40	13.40	5940.36	18418.50	3.101
-125	4.50	1.20	YY	1	SLV	13.40	13.40	175.67	18418.50	104.845
-125	4.50	1.20	YY	1	SLV	13.40	13.40	-1448.39	-18418.50	12.717
-125	4.50	1.20	YY	4	SLV	13.40	13.40	-1387.71	-18418.50	13.273
-125	4.50	1.20	YY	4	SLV	13.40	13.40	115.00	18418.50	160.168
-125	4.50	1.20	YY	7	SLV	13.40	13.40	1978.39	18418.50	9.310
-125	4.50	1.20	YY	7	SLV	13.40	13.40	-3251.11	-18418.50	5.665
-125	4.50	1.20	YY	10	SLV	13.40	13.40	1960.19	18418.50	9.396
-125	4.50	1.20	YY	10	SLV	13.40	13.40	-3232.91	-18418.50	5.697
-125	4.50	1.20	YY	13	SLV	13.40	13.40	387.26	18418.50	47.561
-125	4.50	1.20	YY	13	SLV	13.40	13.40	-1236.80	-18418.50	14.892
-125	4.50	1.20	YY	16	SLV	13.40	13.40	-1176.13	-18418.50	15.660
-125	4.50	1.20	YY	16	SLV	13.40	13.40	326.58	18418.50	56.398
-125	4.50	1.20	YY	19	SLV	13.40	13.40	2189.98	18418.50	8.410
-125	4.50	1.20	YY	19	SLV	13.40	13.40	-3039.52	-18418.50	6.060
-125	4.50	1.20	YY	22	SLV	13.40	13.40	2171.77	18418.50	8.481
-125	4.50	1.20	YY	22	SLV	13.40	13.40	-3021.32	-18418.50	6.096
-125	4.50	1.20	YY	25	SLU	13.40	13.40	-918.54	-18418.50	20.052
-125	4.50	1.20	YY	26	SLU	13.40	13.40	-922.73	-18418.50	19.961
-125	4.50	1.20	YY	27	SLU	13.40	13.40	-741.74	-18418.50	24.831
-125	4.50	1.20	YY	28	SLU	13.40	13.40	-1099.53	-18418.50	16.751
-68	5.50	0.00	YY	2	SLD	13.40	13.40	4146.35	21356.90	5.151
-68	5.50	0.00	YY	2	SLD	13.40	13.40	1922.24	21356.90	11.110
-68	5.50	0.00	YY	5	SLD	13.40	13.40	4282.55	21356.90	4.987
-68	5.50	0.00	YY	5	SLD	13.40	13.40	5040.72	21356.90	4.237
-68	5.50	0.00	YY	8	SLD	13.40	13.40	7256.81	21356.90	2.943
-68	5.50	0.00	YY	8	SLD	13.40	13.40	2066.46	21356.90	10.335
-68	5.50	0.00	YY	11	SLD	13.40	13.40	7036.92	21356.90	3.035
-68	5.50	0.00	YY	11	SLD	13.40	13.40	2286.35	21356.90	9.341
-68	5.50	0.00	YY	14	SLD	13.40	13.40	5833.48	21356.90	3.661
-68	5.50	0.00	YY	14	SLD	13.40	13.40	3609.37	21356.90	5.917
-68	5.50	0.00	YY	17	SLD	13.40	13.40	4342.34	21356.90	4.918
-68	5.50	0.00	YY	17	SLD	13.40	13.40	5100.51	21356.90	4.187
-68	5.50	0.00	YY	20	SLD	13.40	13.40	7316.60	21356.90	2.919
-68	5.50	0.00	YY	20	SLD	13.40	13.40	2126.25	21356.90	10.044
-68	5.50	0.00	YY	23	SLD	13.40	13.40	7096.71	21356.90	3.009
-68	5.50	0.00	YY	23	SLD	13.40	13.40	2346.14	21356.90	9.103
-125	4.50	1.20	YY	2	SLD	13.40	13.40	-367.22	-21356.90	58.159
-125	4.50	1.20	YY	2	SLD	13.40	13.40	-1866.71	-21356.90	11.441
-125	4.50	1.20	YY	5	SLD	13.40	13.40	-1345.49	-21356.90	15.873
-125	4.50	1.20	YY	5	SLD	13.40	13.40	32.56	21356.90	655.897
-125	4.50	1.20	YY	8	SLD	13.40	13.40	1750.60	21356.90	12.200
-125	4.50	1.20	YY	8	SLD	13.40	13.40	-3063.53	-21356.90	6.971
-125	4.50	1.20	YY	11	SLD	13.40	13.40	1732.38	21356.90	12.328
-125	4.50	1.20	YY	11	SLD	13.40	13.40	-3045.31	-21356.90	7.013
-125	4.50	1.20	YY	14	SLD	13.40	13.40	305.01	21356.90	70.021
-125	4.50	1.20	YY	14	SLD	13.40	13.40	-1194.49	-21356.90	17.880
-125	4.50	1.20	YY	17	SLD	13.40	13.40	-1133.77	-21356.90	18.837
-125	4.50	1.20	YY	17	SLD	13.40	13.40	244.29	21356.90	87.425
-125	4.50	1.20	YY	20	SLD	13.40	13.40	1962.32	21356.90	10.884
-125	4.50	1.20	YY	20	SLD	13.40	13.40	-2851.80	-21356.90	7.489
-125	4.50	1.20	YY	23	SLD	13.40	13.40	1944.11	21356.90	10.986
-125	4.50	1.20	YY	23	SLD	13.40	13.40	-2833.59	-21356.90	7.537
-66	1.75	0.00	YY	1	SLV	13.40	13.40	6339.71	18418.50	2.905
-66	1.75	0.00	YY	1	SLV	13.40	13.40	3052.90	18418.50	6.033
-66	1.75	0.00	YY	4	SLV	13.40	13.40	4175.55	18418.50	4.411
-66	1.75	0.00	YY	4	SLV	13.40	13.40	5217.05	18418.50	3.530
-66	1.75	0.00	YY	7	SLV	13.40	13.40	8471.63	18418.50	2.174
-66	1.75	0.00	YY	7	SLV	13.40	13.40	920.97	18418.50	19.999
-66	1.75	0.00	YY	10	SLV	13.40	13.40	8134.83	18418.50	2.264
-66	1.75	0.00	YY	10	SLV	13.40	13.40	1257.77	18418.50	14.644
-66	1.75	0.00	YY	13	SLV	13.40	13.40	6517.92	18418.50	2.826
-66	1.75	0.00	YY	13	SLV	13.40	13.40	3231.10	18418.50	5.700
-66	1.75	0.00	YY	16	SLV	13.40	13.40	4353.76	18418.50	4.230
-66	1.75	0.00	YY	16	SLV	13.40	13.40	5395.26	18418.50	3.414
-66	1.75	0.00	YY	19	SLV	13.40	13.40	8649.84	18418.50	2.129
-66	1.75	0.00	YY	19	SLV	13.40	13.40	1099.18	18418.50	16.756
-66	1.75	0.00	YY	22	SLV	13.40	13.40	8313.04	18418.50	2.216
-66	1.75	0.00	YY	22	SLV	13.40	13.40	1435.98	18418.50	12.826
-66	1.75	0.00	YY	25	SLU	13.40	13.40	6095.92	18418.50	3.021
-66	1.75	0.00	YY	26	SLU	13.40	13.40	6164.67	18418.50	2.988
-66	1.75	0.00	YY	27	SLU	13.40	13.40	6186.74	18418.50	2.977

-66	1.75	0.00	YY	28	SLU	13.40	13.40	6073.86	18418.50	3.032
-124	1.75	1.20	YY	1	SLV	13.40	13.40	1148.15	18418.50	16.042
-124	1.75	1.20	YY	1	SLV	13.40	13.40	-608.26	-18418.50	30.281
-124	1.75	1.20	YY	4	SLV	13.40	13.40	-156.25	-18418.50	117.880
-124	1.75	1.20	YY	4	SLV	13.40	13.40	696.14	18418.50	26.458
-124	1.75	1.20	YY	7	SLV	13.40	13.40	2511.73	18418.50	7.333
-124	1.75	1.20	YY	7	SLV	13.40	13.40	-1971.85	-18418.50	9.341
-124	1.75	1.20	YY	10	SLV	13.40	13.40	2376.13	18418.50	7.751
-124	1.75	1.20	YY	10	SLV	13.40	13.40	-1836.24	-18418.50	10.031
-124	1.75	1.20	YY	13	SLV	13.40	13.40	1446.86	18418.50	12.730
-124	1.75	1.20	YY	13	SLV	13.40	13.40	-309.54	-18418.50	59.503
-124	1.75	1.20	YY	16	SLV	13.40	13.40	142.47	18418.50	129.280
-124	1.75	1.20	YY	16	SLV	13.40	13.40	994.85	18418.50	18.514
-124	1.75	1.20	YY	19	SLV	13.40	13.40	2810.45	18418.50	6.554
-124	1.75	1.20	YY	19	SLV	13.40	13.40	-1673.13	-18418.50	11.008
-124	1.75	1.20	YY	22	SLV	13.40	13.40	2674.85	18418.50	6.886
-124	1.75	1.20	YY	22	SLV	13.40	13.40	-1537.53	-18418.50	11.979
-124	1.75	1.20	YY	25	SLU	13.40	13.40	366.89	18418.50	50.201
-124	1.75	1.20	YY	26	SLU	13.40	13.40	398.04	18418.50	46.273
-124	1.75	1.20	YY	27	SLU	13.40	13.40	531.31	18418.50	34.666
-124	1.75	1.20	YY	28	SLU	13.40	13.40	233.63	18418.50	78.837
-66	1.75	0.00	YY	2	SLD	13.40	13.40	4291.22	21356.90	4.977
-66	1.75	0.00	YY	2	SLD	13.40	13.40	1176.17	21356.90	18.158
-66	1.75	0.00	YY	5	SLD	13.40	13.40	4249.87	21356.90	5.025
-66	1.75	0.00	YY	5	SLD	13.40	13.40	5118.14	21356.90	4.173
-66	1.75	0.00	YY	8	SLD	13.40	13.40	8171.94	21356.90	2.613
-66	1.75	0.00	YY	8	SLD	13.40	13.40	1196.07	21356.90	17.856
-66	1.75	0.00	YY	11	SLD	13.40	13.40	7834.93	21356.90	2.726
-66	1.75	0.00	YY	11	SLD	13.40	13.40	1533.08	21356.90	13.931
-66	1.75	0.00	YY	14	SLD	13.40	13.40	6419.85	21356.90	3.327
-66	1.75	0.00	YY	14	SLD	13.40	13.40	3304.81	21356.90	6.462
-66	1.75	0.00	YY	17	SLD	13.40	13.40	4428.19	21356.90	4.823
-66	1.75	0.00	YY	17	SLD	13.40	13.40	5296.47	21356.90	4.032
-66	1.75	0.00	YY	20	SLD	13.40	13.40	8350.27	21356.90	2.558
-66	1.75	0.00	YY	20	SLD	13.40	13.40	1374.39	21356.90	15.539
-66	1.75	0.00	YY	23	SLD	13.40	13.40	8013.25	21356.90	2.665
-66	1.75	0.00	YY	23	SLD	13.40	13.40	1711.41	21356.90	12.479
-124	1.75	1.20	YY	2	SLD	13.40	13.40	572.80	21356.90	37.285
-124	1.75	1.20	YY	2	SLD	13.40	13.40	-1079.93	-21356.90	19.776
-124	1.75	1.20	YY	5	SLD	13.40	13.40	-129.05	-21356.90	165.489
-124	1.75	1.20	YY	5	SLD	13.40	13.40	619.07	21356.90	34.499
-124	1.75	1.20	YY	8	SLD	13.40	13.40	2313.56	21356.90	9.231
-124	1.75	1.20	YY	8	SLD	13.40	13.40	-1823.54	-21356.90	11.712
-124	1.75	1.20	YY	11	SLD	13.40	13.40	2177.87	21356.90	9.806
-124	1.75	1.20	YY	11	SLD	13.40	13.40	-1687.85	-21356.90	12.653
-124	1.75	1.20	YY	14	SLD	13.40	13.40	1370.28	21356.90	15.586
-124	1.75	1.20	YY	14	SLD	13.40	13.40	-282.44	-21356.90	75.615
-124	1.75	1.20	YY	17	SLD	13.40	13.40	169.86	21356.90	125.733
-124	1.75	1.20	YY	17	SLD	13.40	13.40	917.98	21356.90	23.265
-124	1.75	1.20	YY	20	SLD	13.40	13.40	2612.47	21356.90	8.175
-124	1.75	1.20	YY	20	SLD	13.40	13.40	-1524.63	-21356.90	14.008
-124	1.75	1.20	YY	23	SLD	13.40	13.40	2476.78	21356.90	8.623
-124	1.75	1.20	YY	23	SLD	13.40	13.40	-1388.94	-21356.90	15.376
8	25.00	5.58	YY	1	SLV	13.40	13.40	5656.70	18418.50	3.256
8	25.00	5.58	YY	1	SLV	13.40	13.40	-1056.49	-18418.50	17.434
8	25.00	5.58	YY	4	SLV	13.40	13.40	-465.65	-18418.50	39.555
8	25.00	5.58	YY	4	SLV	13.40	13.40	5065.86	18418.50	3.636
8	25.00	5.58	YY	7	SLV	13.40	13.40	12592.60	18418.50	1.463
8	25.00	5.58	YY	7	SLV	13.40	13.40	-7992.43	-18418.50	2.304
8	25.00	5.58	YY	10	SLV	13.40	13.40	12415.40	18418.50	1.484
8	25.00	5.58	YY	10	SLV	13.40	13.40	-7815.18	-18418.50	2.357
8	25.00	5.58	YY	13	SLV	13.40	13.40	5707.79	18418.50	3.227
8	25.00	5.58	YY	13	SLV	13.40	13.40	-1005.39	-18418.50	18.320
8	25.00	5.58	YY	16	SLV	13.40	13.40	-414.55	-18418.50	44.430
8	25.00	5.58	YY	16	SLV	13.40	13.40	5116.95	18418.50	3.600
8	25.00	5.58	YY	19	SLV	13.40	13.40	12643.70	18418.50	1.457
8	25.00	5.58	YY	19	SLV	13.40	13.40	-7941.34	-18418.50	2.319
8	25.00	5.58	YY	22	SLV	13.40	13.40	12466.50	18418.50	1.477
8	25.00	5.58	YY	22	SLV	13.40	13.40	-7764.08	-18418.50	2.372
8	25.00	5.58	YY	25	SLU	13.40	13.40	2916.50	18418.50	6.315
8	25.00	5.58	YY	26	SLU	13.40	13.40	2931.81	18418.50	6.282
8	25.00	5.58	YY	27	SLU	13.40	13.40	2895.81	18418.50	6.360
8	25.00	5.58	YY	28	SLU	13.40	13.40	2952.50	18418.50	6.238
8	25.00	5.58	YY	2	SLD	13.40	13.40	6363.06	21356.90	3.356
8	25.00	5.58	YY	2	SLD	13.40	13.40	137.42	21356.90	155.411
8	25.00	5.58	YY	5	SLD	13.40	13.40	-215.70	-21356.90	99.013
8	25.00	5.58	YY	5	SLD	13.40	13.40	4827.49	21356.90	4.424
8	25.00	5.58	YY	8	SLD	13.40	13.40	11785.30	21356.90	1.812
8	25.00	5.58	YY	8	SLD	13.40	13.40	-7173.47	-21356.90	2.977
8	25.00	5.58	YY	11	SLD	13.40	13.40	11607.90	21356.90	1.840
8	25.00	5.58	YY	11	SLD	13.40	13.40	-6996.11	-21356.90	3.053

8	25.00	5.58	YY	14	SLD	13.40	13.40	5469.84	21356.90	3.904
8	25.00	5.58	YY	14	SLD	13.40	13.40	-755.80	-21356.90	28.258
8	25.00	5.58	YY	17	SLD	13.40	13.40	-164.57	-21356.90	129.774
8	25.00	5.58	YY	17	SLD	13.40	13.40	4878.62	21356.90	4.378
8	25.00	5.58	YY	20	SLD	13.40	13.40	11836.40	21356.90	1.804
8	25.00	5.58	YY	20	SLD	13.40	13.40	-7122.35	-21356.90	2.999
8	25.00	5.58	YY	23	SLD	13.40	13.40	11659.00	21356.90	1.832
8	25.00	5.58	YY	23	SLD	13.40	13.40	-6944.98	-21356.90	3.075

Stato Limite Ultimo - Verifica a taglio del calcestruzzo

Nodo	X	Y	DV	CC	TCC	AfE S	AfE I	Vsdu	Vrdu
	<m>	<m>				<cmq>	<cmq>	<kg>	<kg>
-387	0.75	15.55	XX	2	SLD	13.40	13.40	19452.10	24056.70
-387	0.75	15.55	XX	2	SLD	13.40	13.40	19452.10	24056.70
-387	0.75	15.55	XX	5	SLD	13.40	13.40	14051.10	24056.70
-387	0.75	15.55	XX	5	SLD	13.40	13.40	14051.10	24056.70
-387	0.75	15.55	XX	8	SLD	13.40	13.40	15808.20	24056.70
-387	0.75	15.55	XX	8	SLD	13.40	13.40	15808.20	24056.70
-387	0.75	15.55	XX	11	SLD	13.40	13.40	11886.50	24056.70
-387	0.75	15.55	XX	11	SLD	13.40	13.40	11886.50	24056.70
-387	0.75	15.55	XX	14	SLD	13.40	13.40	15989.50	24056.70
-387	0.75	15.55	XX	14	SLD	13.40	13.40	15989.50	24056.70
-387	0.75	15.55	XX	17	SLD	13.40	13.40	13066.80	24056.70
-387	0.75	15.55	XX	17	SLD	13.40	13.40	13066.80	24056.70
-387	0.75	15.55	XX	20	SLD	13.40	13.40	14823.90	24056.70
-387	0.75	15.55	XX	20	SLD	13.40	13.40	14823.90	24056.70
-387	0.75	15.55	XX	23	SLD	13.40	13.40	10902.20	24056.70
-387	0.75	15.55	XX	23	SLD	13.40	13.40	10902.20	24056.70
-160	1.25	5.08	XX	2	SLD	13.40	13.40	8377.38	24056.70
-160	1.25	5.08	XX	2	SLD	13.40	13.40	8377.38	24056.70
-160	1.25	5.08	XX	5	SLD	13.40	13.40	8714.74	24056.70
-160	1.25	5.08	XX	5	SLD	13.40	13.40	8714.74	24056.70
-160	1.25	5.08	XX	8	SLD	13.40	13.40	14999.70	24056.70
-160	1.25	5.08	XX	8	SLD	13.40	13.40	14999.70	24056.70
-160	1.25	5.08	XX	11	SLD	13.40	13.40	14243.60	24056.70
-160	1.25	5.08	XX	11	SLD	13.40	13.40	14243.60	24056.70
-160	1.25	5.08	XX	14	SLD	13.40	13.40	10080.00	24056.70
-160	1.25	5.08	XX	14	SLD	13.40	13.40	10080.00	24056.70
-160	1.25	5.08	XX	17	SLD	13.40	13.40	7559.59	24056.70
-160	1.25	5.08	XX	17	SLD	13.40	13.40	7559.59	24056.70
-160	1.25	5.08	XX	20	SLD	13.40	13.40	13844.60	24056.70
-160	1.25	5.08	XX	20	SLD	13.40	13.40	13844.60	24056.70
-160	1.25	5.08	XX	23	SLD	13.40	13.40	13088.50	24056.70
-160	1.25	5.08	XX	23	SLD	13.40	13.40	13088.50	24056.70
-389	4.50	15.55	XX	2	SLD	13.40	13.40	18734.40	24056.70
-389	4.50	15.55	XX	2	SLD	13.40	13.40	18734.40	24056.70
-389	4.50	15.55	XX	5	SLD	13.40	13.40	16394.70	24056.70
-389	4.50	15.55	XX	5	SLD	13.40	13.40	16394.70	24056.70
-389	4.50	15.55	XX	8	SLD	13.40	13.40	15364.00	24056.70
-389	4.50	15.55	XX	8	SLD	13.40	13.40	15364.00	24056.70
-389	4.50	15.55	XX	11	SLD	13.40	13.40	12054.00	24056.70
-389	4.50	15.55	XX	11	SLD	13.40	13.40	12054.00	24056.70
-389	4.50	15.55	XX	14	SLD	13.40	13.40	16771.20	24056.70
-389	4.50	15.55	XX	14	SLD	13.40	13.40	16771.20	24056.70
-389	4.50	15.55	XX	17	SLD	13.40	13.40	15464.60	24056.70
-389	4.50	15.55	XX	17	SLD	13.40	13.40	15464.60	24056.70
-389	4.50	15.55	XX	20	SLD	13.40	13.40	14433.90	24056.70
-389	4.50	15.55	XX	20	SLD	13.40	13.40	14433.90	24056.70
-389	4.50	15.55	XX	23	SLD	13.40	13.40	11123.90	24056.70
-389	4.50	15.55	XX	23	SLD	13.40	13.40	11123.90	24056.70
-391	8.25	15.55	XX	2	SLD	13.40	13.40	19555.60	24056.70
-391	8.25	15.55	XX	2	SLD	13.40	13.40	19555.60	24056.70
-391	8.25	15.55	XX	5	SLD	13.40	13.40	16796.90	24056.70
-391	8.25	15.55	XX	5	SLD	13.40	13.40	16796.90	24056.70
-391	8.25	15.55	XX	8	SLD	13.40	13.40	15475.80	24056.70
-391	8.25	15.55	XX	8	SLD	13.40	13.40	15475.80	24056.70
-391	8.25	15.55	XX	11	SLD	13.40	13.40	12373.40	24056.70
-391	8.25	15.55	XX	11	SLD	13.40	13.40	12373.40	24056.70
-391	8.25	15.55	XX	14	SLD	13.40	13.40	16956.70	24056.70
-391	8.25	15.55	XX	14	SLD	13.40	13.40	16956.70	24056.70
-391	8.25	15.55	XX	17	SLD	13.40	13.40	15896.00	24056.70
-391	8.25	15.55	XX	17	SLD	13.40	13.40	15896.00	24056.70
-391	8.25	15.55	XX	20	SLD	13.40	13.40	14574.80	24056.70
-391	8.25	15.55	XX	20	SLD	13.40	13.40	14574.80	24056.70
-391	8.25	15.55	XX	23	SLD	13.40	13.40	11472.40	24056.70
-391	8.25	15.55	XX	23	SLD	13.40	13.40	11472.40	24056.70
-393	12.00	15.55	XX	2	SLD	13.40	13.40	19667.80	24056.70
-393	12.00	15.55	XX	2	SLD	13.40	13.40	19667.80	24056.70
-393	12.00	15.55	XX	5	SLD	13.40	13.40	16945.20	24056.70
-393	12.00	15.55	XX	5	SLD	13.40	13.40	16945.20	24056.70

-67	4.50	0.00 XX	11 SLD	13.40	13.40	11157.40	24056.70
-67	4.50	0.00 XX	11 SLD	13.40	13.40	11157.40	24056.70
-67	4.50	0.00 XX	14 SLD	13.40	13.40	17734.90	24056.70
-67	4.50	0.00 XX	14 SLD	13.40	13.40	17734.90	24056.70
-67	4.50	0.00 XX	17 SLD	13.40	13.40	16428.30	24056.70
-67	4.50	0.00 XX	17 SLD	13.40	13.40	16428.30	24056.70
-67	4.50	0.00 XX	20 SLD	13.40	13.40	15397.60	24056.70
-67	4.50	0.00 XX	20 SLD	13.40	13.40	15397.60	24056.70
-67	4.50	0.00 XX	23 SLD	13.40	13.40	12087.60	24056.70
-67	4.50	0.00 XX	23 SLD	13.40	13.40	12087.60	24056.70
-65	0.75	0.00 XX	2 SLD	13.40	13.40	18496.50	24056.70
-65	0.75	0.00 XX	2 SLD	13.40	13.40	18496.50	24056.70
-65	0.75	0.00 XX	5 SLD	13.40	13.40	13095.60	24056.70
-65	0.75	0.00 XX	5 SLD	13.40	13.40	13095.60	24056.70
-65	0.75	0.00 XX	8 SLD	13.40	13.40	14852.60	24056.70
-65	0.75	0.00 XX	8 SLD	13.40	13.40	14852.60	24056.70
-65	0.75	0.00 XX	11 SLD	13.40	13.40	10930.90	24056.70
-65	0.75	0.00 XX	11 SLD	13.40	13.40	10930.90	24056.70
-65	0.75	0.00 XX	14 SLD	13.40	13.40	17002.50	24056.70
-65	0.75	0.00 XX	14 SLD	13.40	13.40	17002.50	24056.70
-65	0.75	0.00 XX	17 SLD	13.40	13.40	14079.80	24056.70
-65	0.75	0.00 XX	17 SLD	13.40	13.40	14079.80	24056.70
-65	0.75	0.00 XX	20 SLD	13.40	13.40	15836.90	24056.70
-65	0.75	0.00 XX	20 SLD	13.40	13.40	15836.90	24056.70
-65	0.75	0.00 XX	23 SLD	13.40	13.40	11915.20	24056.70
-65	0.75	0.00 XX	23 SLD	13.40	13.40	11915.20	24056.70
-177	25.48	5.58 XX	2 SLD	13.40	13.40	9430.43	24056.70
-177	25.48	5.58 XX	2 SLD	13.40	13.40	9430.43	24056.70
-177	25.48	5.58 XX	5 SLD	13.40	13.40	6367.14	24056.70
-177	25.48	5.58 XX	5 SLD	13.40	13.40	6367.14	24056.70
-177	25.48	5.58 XX	8 SLD	13.40	13.40	11935.80	24056.70
-177	25.48	5.58 XX	8 SLD	13.40	13.40	11935.80	24056.70
-177	25.48	5.58 XX	11 SLD	13.40	13.40	11057.20	24056.70
-177	25.48	5.58 XX	11 SLD	13.40	13.40	11057.20	24056.70
-177	25.48	5.58 XX	14 SLD	13.40	13.40	9318.47	24056.70
-177	25.48	5.58 XX	14 SLD	13.40	13.40	9318.47	24056.70
-177	25.48	5.58 XX	17 SLD	13.40	13.40	6389.95	24056.70
-177	25.48	5.58 XX	17 SLD	13.40	13.40	6389.95	24056.70
-177	25.48	5.58 XX	20 SLD	13.40	13.40	11958.60	24056.70
-177	25.48	5.58 XX	20 SLD	13.40	13.40	11958.60	24056.70
-177	25.48	5.58 XX	23 SLD	13.40	13.40	11080.00	24056.70
-177	25.48	5.58 XX	23 SLD	13.40	13.40	11080.00	24056.70
-404	1.75	15.95 YY	2 SLD	13.40	13.40	7226.64	24056.70
-404	1.75	15.95 YY	2 SLD	13.40	13.40	7226.64	24056.70
-404	1.75	15.95 YY	5 SLD	13.40	13.40	8590.14	24056.70
-404	1.75	15.95 YY	5 SLD	13.40	13.40	8590.14	24056.70
-404	1.75	15.95 YY	8 SLD	13.40	13.40	11453.40	24056.70
-404	1.75	15.95 YY	8 SLD	13.40	13.40	11453.40	24056.70
-404	1.75	15.95 YY	11 SLD	13.40	13.40	11179.90	24056.70
-404	1.75	15.95 YY	11 SLD	13.40	13.40	11179.90	24056.70
-404	1.75	15.95 YY	14 SLD	13.40	13.40	9822.90	24056.70
-404	1.75	15.95 YY	14 SLD	13.40	13.40	9822.90	24056.70
-404	1.75	15.95 YY	17 SLD	13.40	13.40	8911.33	24056.70
-404	1.75	15.95 YY	17 SLD	13.40	13.40	8911.33	24056.70
-404	1.75	15.95 YY	20 SLD	13.40	13.40	11774.60	24056.70
-404	1.75	15.95 YY	20 SLD	13.40	13.40	11774.60	24056.70
-404	1.75	15.95 YY	23 SLD	13.40	13.40	11501.10	24056.70
-404	1.75	15.95 YY	23 SLD	13.40	13.40	11501.10	24056.70
-180	0.00	5.88 YY	2 SLD	13.40	13.40	15115.60	24056.70
-180	0.00	5.88 YY	2 SLD	13.40	13.40	15115.60	24056.70
-180	0.00	5.88 YY	5 SLD	13.40	13.40	11359.80	24056.70
-180	0.00	5.88 YY	5 SLD	13.40	13.40	11359.80	24056.70
-180	0.00	5.88 YY	8 SLD	13.40	13.40	21973.30	24056.70
-180	0.00	5.88 YY	8 SLD	13.40	13.40	21973.30	24056.70
-180	0.00	5.88 YY	11 SLD	13.40	13.40	21476.20	24056.70
-180	0.00	5.88 YY	11 SLD	13.40	13.40	21476.20	24056.70
-180	0.00	5.88 YY	14 SLD	13.40	13.40	10990.40	24056.70
-180	0.00	5.88 YY	14 SLD	13.40	13.40	10990.40	24056.70
-180	0.00	5.88 YY	17 SLD	13.40	13.40	9333.46	24056.70
-180	0.00	5.88 YY	17 SLD	13.40	13.40	9333.46	24056.70
-180	0.00	5.88 YY	20 SLD	13.40	13.40	19947.00	24056.70
-180	0.00	5.88 YY	20 SLD	13.40	13.40	19947.00	24056.70
-180	0.00	5.88 YY	23 SLD	13.40	13.40	19449.90	24056.70
-180	0.00	5.88 YY	23 SLD	13.40	13.40	19449.90	24056.70
-407	5.50	15.95 YY	2 SLD	13.40	13.40	8097.96	24056.70
-407	5.50	15.95 YY	2 SLD	13.40	13.40	8097.96	24056.70
-407	5.50	15.95 YY	5 SLD	13.40	13.40	9122.53	24056.70
-407	5.50	15.95 YY	5 SLD	13.40	13.40	9122.53	24056.70
-407	5.50	15.95 YY	8 SLD	13.40	13.40	10729.20	24056.70
-407	5.50	15.95 YY	8 SLD	13.40	13.40	10729.20	24056.70
-407	5.50	15.95 YY	11 SLD	13.40	13.40	10436.10	24056.70

-420	23.25	15.95	YY	14	SLD	13.40	13.40	9147.41	24056.70
-420	23.25	15.95	YY	14	SLD	13.40	13.40	9147.41	24056.70
-420	23.25	15.95	YY	17	SLD	13.40	13.40	8278.29	24056.70
-420	23.25	15.95	YY	17	SLD	13.40	13.40	8278.29	24056.70
-420	23.25	15.95	YY	20	SLD	13.40	13.40	11036.50	24056.70
-420	23.25	15.95	YY	20	SLD	13.40	13.40	11036.50	24056.70
-420	23.25	15.95	YY	23	SLD	13.40	13.40	10775.80	24056.70
-420	23.25	15.95	YY	23	SLD	13.40	13.40	10775.80	24056.70
-51	9.25	-0.40	YY	2	SLD	13.40	13.40	8299.54	24056.70
-51	9.25	-0.40	YY	2	SLD	13.40	13.40	8299.54	24056.70
-51	9.25	-0.40	YY	5	SLD	13.40	13.40	9382.52	24056.70
-51	9.25	-0.40	YY	5	SLD	13.40	13.40	9382.52	24056.70
-51	9.25	-0.40	YY	8	SLD	13.40	13.40	10567.60	24056.70
-51	9.25	-0.40	YY	8	SLD	13.40	13.40	10567.60	24056.70
-51	9.25	-0.40	YY	11	SLD	13.40	13.40	10216.90	24056.70
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-51	9.25	-0.40	YY	14	SLD	13.40	13.40	10128.00	24056.70
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-51	9.25	-0.40	YY	17	SLD	13.40	13.40	9392.29	24056.70
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-51	9.25	-0.40	YY	23	SLD	13.40	13.40	10226.70	24056.70
-51	9.25	-0.40	YY	23	SLD	13.40	13.40	10226.70	24056.70
-52	12.00	-0.40	YY	2	SLD	13.40	13.40	8117.31	24056.70
-52	12.00	-0.40	YY	2	SLD	13.40	13.40	8117.31	24056.70
-52	12.00	-0.40	YY	5	SLD	13.40	13.40	9211.68	24056.70
-52	12.00	-0.40	YY	5	SLD	13.40	13.40	9211.68	24056.70
-52	12.00	-0.40	YY	8	SLD	13.40	13.40	10343.40	24056.70
-52	12.00	-0.40	YY	8	SLD	13.40	13.40	10343.40	24056.70
-52	12.00	-0.40	YY	11	SLD	13.40	13.40	9984.52	24056.70
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-52	12.00	-0.40	YY	14	SLD	13.40	13.40	9846.41	24056.70
-52	12.00	-0.40	YY	14	SLD	13.40	13.40	9846.41	24056.70
-52	12.00	-0.40	YY	17	SLD	13.40	13.40	9130.87	24056.70
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-52	12.00	-0.40	YY	20	SLD	13.40	13.40	10262.60	24056.70
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-52	12.00	-0.40	YY	23	SLD	13.40	13.40	9903.72	24056.70
-52	12.00	-0.40	YY	23	SLD	13.40	13.40	9903.72	24056.70
-55	15.75	-0.40	YY	2	SLD	13.40	13.40	8325.93	24056.70
-55	15.75	-0.40	YY	2	SLD	13.40	13.40	8325.93	24056.70
-55	15.75	-0.40	YY	5	SLD	13.40	13.40	9402.83	24056.70
-55	15.75	-0.40	YY	5	SLD	13.40	13.40	9402.83	24056.70
-55	15.75	-0.40	YY	8	SLD	13.40	13.40	10597.60	24056.70
-55	15.75	-0.40	YY	8	SLD	13.40	13.40	10597.60	24056.70
-55	15.75	-0.40	YY	11	SLD	13.40	13.40	10247.40	24056.70
-55	15.75	-0.40	YY	11	SLD	13.40	13.40	10247.40	24056.70
-55	15.75	-0.40	YY	14	SLD	13.40	13.40	10126.00	24056.70
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-55	15.75	-0.40	YY	17	SLD	13.40	13.40	9386.00	24056.70
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-55	15.75	-0.40	YY	20	SLD	13.40	13.40	10580.80	24056.70
-55	15.75	-0.40	YY	20	SLD	13.40	13.40	10580.80	24056.70
-55	15.75	-0.40	YY	23	SLD	13.40	13.40	10230.60	24056.70
-55	15.75	-0.40	YY	23	SLD	13.40	13.40	10230.60	24056.70
-58	19.50	-0.40	YY	2	SLD	13.40	13.40	8199.83	24056.70
-58	19.50	-0.40	YY	2	SLD	13.40	13.40	8199.83	24056.70
-58	19.50	-0.40	YY	5	SLD	13.40	13.40	9193.02	24056.70
-58	19.50	-0.40	YY	5	SLD	13.40	13.40	9193.02	24056.70
-58	19.50	-0.40	YY	8	SLD	13.40	13.40	10828.20	24056.70
-58	19.50	-0.40	YY	8	SLD	13.40	13.40	10828.20	24056.70
-58	19.50	-0.40	YY	11	SLD	13.40	13.40	10538.00	24056.70
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-58	19.50	-0.40	YY	14	SLD	13.40	13.40	10188.50	24056.70
-58	19.50	-0.40	YY	14	SLD	13.40	13.40	10188.50	24056.70
-58	19.50	-0.40	YY	17	SLD	13.40	13.40	9277.52	24056.70
-58	19.50	-0.40	YY	17	SLD	13.40	13.40	9277.52	24056.70
-58	19.50	-0.40	YY	20	SLD	13.40	13.40	10912.70	24056.70
-58	19.50	-0.40	YY	20	SLD	13.40	13.40	10912.70	24056.70
-58	19.50	-0.40	YY	23	SLD	13.40	13.40	10622.50	24056.70
-58	19.50	-0.40	YY	23	SLD	13.40	13.40	10622.50	24056.70
-61	23.25	-0.40	YY	2	SLD	13.40	13.40	7253.80	24056.70
-61	23.25	-0.40	YY	2	SLD	13.40	13.40	7253.80	24056.70
-61	23.25	-0.40	YY	5	SLD	13.40	13.40	8466.83	24056.70
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-61	23.25	-0.40	YY	8	SLD	13.40	13.40	11225.10	24056.70
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-61	23.25	-0.40	YY	11	SLD	13.40	13.40	10964.30	24056.70
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-61	23.25	-0.40	YY	14	SLD	13.40	13.40	9638.69	24056.70

-61	23.25	-0.40	YY	14	SLD	13.40	13.40	9638.69	24056.70
-61	23.25	-0.40	YY	17	SLD	13.40	13.40	8769.58	24056.70
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-61	23.25	-0.40	YY	20	SLD	13.40	13.40	11527.80	24056.70
-61	23.25	-0.40	YY	20	SLD	13.40	13.40	11527.80	24056.70
-61	23.25	-0.40	YY	23	SLD	13.40	13.40	11267.10	24056.70
-61	23.25	-0.40	YY	23	SLD	13.40	13.40	11267.10	24056.70
-308	25.00	10.48	YY	2	SLD	13.40	13.40	13027.80	24056.70
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-308	25.00	10.48	YY	5	SLD	13.40	13.40	10453.50	24056.70
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-308	25.00	10.48	YY	11	SLD	13.40	13.40	19192.20	24056.70
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-308	25.00	10.48	YY	14	SLD	13.40	13.40	10289.10	24056.70
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-308	25.00	10.48	YY	20	SLD	13.40	13.40	17927.70	24056.70
-308	25.00	10.48	YY	20	SLD	13.40	13.40	17927.70	24056.70
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-308	25.00	10.48	YY	23	SLD	13.40	13.40	17456.20	24056.70
-48	5.50	-0.40	YY	2	SLD	13.40	13.40	8255.68	24056.70
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-48	5.50	-0.40	YY	5	SLD	13.40	13.40	9280.25	24056.70
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-48	5.50	-0.40	YY	11	SLD	13.40	13.40	10593.80	24056.70
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-48	5.50	-0.40	YY	17	SLD	13.40	13.40	9193.41	24056.70
-48	5.50	-0.40	YY	17	SLD	13.40	13.40	9193.41	24056.70
-48	5.50	-0.40	YY	20	SLD	13.40	13.40	10800.10	24056.70
-48	5.50	-0.40	YY	20	SLD	13.40	13.40	10800.10	24056.70
-48	5.50	-0.40	YY	23	SLD	13.40	13.40	10507.00	24056.70
-48	5.50	-0.40	YY	23	SLD	13.40	13.40	10507.00	24056.70
-45	1.75	-0.40	YY	2	SLD	13.40	13.40	7740.92	24056.70
-45	1.75	-0.40	YY	2	SLD	13.40	13.40	7740.92	24056.70
-45	1.75	-0.40	YY	5	SLD	13.40	13.40	9104.41	24056.70
-45	1.75	-0.40	YY	5	SLD	13.40	13.40	9104.41	24056.70
-45	1.75	-0.40	YY	8	SLD	13.40	13.40	11967.70	24056.70
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-45	1.75	-0.40	YY	17	SLD	13.40	13.40	8783.23	24056.70
-45	1.75	-0.40	YY	17	SLD	13.40	13.40	8783.23	24056.70
-45	1.75	-0.40	YY	20	SLD	13.40	13.40	11646.50	24056.70
-45	1.75	-0.40	YY	20	SLD	13.40	13.40	11646.50	24056.70
-45	1.75	-0.40	YY	23	SLD	13.40	13.40	11373.00	24056.70
-45	1.75	-0.40	YY	23	SLD	13.40	13.40	11373.00	24056.70
-164	25.00	5.08	YY	2	SLD	13.40	13.40	11800.70	24056.70
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-164	25.00	5.08	YY	5	SLD	13.40	13.40	9226.30	24056.70
-164	25.00	5.08	YY	5	SLD	13.40	13.40	9226.30	24056.70
-164	25.00	5.08	YY	8	SLD	13.40	13.40	18436.50	24056.70
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-164	25.00	5.08	YY	11	SLD	13.40	13.40	17965.10	24056.70
-164	25.00	5.08	YY	11	SLD	13.40	13.40	17965.10	24056.70
-164	25.00	5.08	YY	14	SLD	13.40	13.40	12533.90	24056.70
-164	25.00	5.08	YY	14	SLD	13.40	13.40	12533.90	24056.70
-164	25.00	5.08	YY	17	SLD	13.40	13.40	10962.30	24056.70
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-164	25.00	5.08	YY	20	SLD	13.40	13.40	20172.50	24056.70
-164	25.00	5.08	YY	20	SLD	13.40	13.40	20172.50	24056.70
-164	25.00	5.08	YY	23	SLD	13.40	13.40	19701.00	24056.70
-164	25.00	5.08	YY	23	SLD	13.40	13.40	19701.00	24056.70

Stato Limite Esercizio - Ferri longitudinali - Verifiche armatura esistente

Nodo	X	Y	DV	CC	TCC	AfE S	AfE I	Mom	σ_c	σ_f
	<m>	<m>				<cmq>	<cmq>	<kgm>	<kg/cmq>	<kg/cmq>
-388	1.75	15.55	XX	29	SLE R	13.40	13.40	-2021.74	9.93	444.57
-388	1.75	15.55	XX	30	SLE R	13.40	13.40	-2764.24	13.57	607.85
-388	1.75	15.55	XX	31	SLE R	13.40	13.40	-2318.94	11.39	509.93
-388	1.75	15.55	XX	32	SLE R	13.40	13.40	-2467.04	12.11	542.49
-388	1.75	15.55	XX	37	SLE Q	13.40	13.40	-1704.80	8.37	

-388	1.75	15.55 XX	38 SLE Q	13.40	13.40	-2447.30	12.02	
-388	1.75	15.55 XX	39 SLE Q	13.40	13.40	-2002.00	9.83	
-388	1.75	15.55 XX	40 SLE Q	13.40	13.40	-2150.09	10.56	
9	0.00	6.28 XX	29 SLE R	13.40	13.40	2063.74	10.13	453.81
9	0.00	6.28 XX	30 SLE R	13.40	13.40	2036.07	10.00	447.72
9	0.00	6.28 XX	31 SLE R	13.40	13.40	1991.36	9.78	437.89
9	0.00	6.28 XX	32 SLE R	13.40	13.40	2108.44	10.35	463.64
9	0.00	6.28 XX	37 SLE Q	13.40	13.40	1958.06	9.61	
9	0.00	6.28 XX	38 SLE Q	13.40	13.40	1930.39	9.48	
9	0.00	6.28 XX	39 SLE Q	13.40	13.40	1885.69	9.26	
9	0.00	6.28 XX	40 SLE Q	13.40	13.40	2002.76	9.83	
-260	1.25	9.13 XX	29 SLE R	13.40	13.40	-1686.20	8.28	370.79
-260	1.25	9.13 XX	30 SLE R	13.40	13.40	-1824.22	8.96	401.14
-260	1.25	9.13 XX	31 SLE R	13.40	13.40	-1735.14	8.52	381.55
-260	1.25	9.13 XX	32 SLE R	13.40	13.40	-1775.28	8.72	390.38
-260	1.25	9.13 XX	37 SLE Q	13.40	13.40	-1581.31	7.76	
-260	1.25	9.13 XX	38 SLE Q	13.40	13.40	-1719.33	8.44	
-260	1.25	9.13 XX	39 SLE Q	13.40	13.40	-1630.25	8.01	
-260	1.25	9.13 XX	40 SLE Q	13.40	13.40	-1670.39	8.20	
-387	0.75	15.55 XX	29 SLE R	13.40	13.40	739.28	3.63	162.57
-387	0.75	15.55 XX	30 SLE R	13.40	13.40	1346.02	6.61	295.99
-387	0.75	15.55 XX	31 SLE R	13.40	13.40	1048.94	5.15	230.66
-387	0.75	15.55 XX	32 SLE R	13.40	13.40	1036.37	5.09	227.89
-387	0.75	15.55 XX	37 SLE Q	13.40	13.40	441.94	2.17	
-387	0.75	15.55 XX	38 SLE Q	13.40	13.40	1048.68	5.15	
-387	0.75	15.55 XX	39 SLE Q	13.40	13.40	751.60	3.69	
-387	0.75	15.55 XX	40 SLE Q	13.40	13.40	739.03	3.63	
-389	4.50	15.55 XX	29 SLE R	13.40	13.40	3331.64	16.36	732.61
-389	4.50	15.55 XX	30 SLE R	13.40	13.40	4116.54	20.21	905.21
-389	4.50	15.55 XX	31 SLE R	13.40	13.40	3676.59	18.05	808.47
-389	4.50	15.55 XX	32 SLE R	13.40	13.40	3771.58	18.52	829.36
-389	4.50	15.55 XX	37 SLE Q	13.40	13.40	2851.24	14.00	
-389	4.50	15.55 XX	38 SLE Q	13.40	13.40	3636.14	17.85	
-389	4.50	15.55 XX	39 SLE Q	13.40	13.40	3196.20	15.69	
-389	4.50	15.55 XX	40 SLE Q	13.40	13.40	3291.19	16.16	
-391	8.25	15.55 XX	29 SLE R	13.40	13.40	2121.34	10.42	466.48
-391	8.25	15.55 XX	30 SLE R	13.40	13.40	3072.67	15.09	675.67
-391	8.25	15.55 XX	31 SLE R	13.40	13.40	2583.19	12.68	568.03
-391	8.25	15.55 XX	32 SLE R	13.40	13.40	2610.82	12.82	574.11
-391	8.25	15.55 XX	37 SLE Q	13.40	13.40	1856.37	9.12	
-391	8.25	15.55 XX	38 SLE Q	13.40	13.40	2807.70	13.79	
-391	8.25	15.55 XX	39 SLE Q	13.40	13.40	2318.22	11.38	
-391	8.25	15.55 XX	40 SLE Q	13.40	13.40	2345.85	11.52	
-393	12.00	15.55 XX	29 SLE R	13.40	13.40	1297.76	6.37	285.37
-393	12.00	15.55 XX	30 SLE R	13.40	13.40	2269.45	11.14	499.04
-393	12.00	15.55 XX	31 SLE R	13.40	13.40	1774.37	8.71	390.18
-393	12.00	15.55 XX	32 SLE R	13.40	13.40	1792.84	8.80	394.24
-393	12.00	15.55 XX	37 SLE Q	13.40	13.40	1139.03	5.59	
-393	12.00	15.55 XX	38 SLE Q	13.40	13.40	2110.72	10.36	
-393	12.00	15.55 XX	39 SLE Q	13.40	13.40	1615.64	7.93	
-393	12.00	15.55 XX	40 SLE Q	13.40	13.40	1634.11	8.02	
-396	16.75	15.55 XX	29 SLE R	13.40	13.40	2223.45	10.92	488.93
-396	16.75	15.55 XX	30 SLE R	13.40	13.40	1271.57	6.24	279.61
-396	16.75	15.55 XX	31 SLE R	13.40	13.40	1746.78	8.58	384.11
-396	16.75	15.55 XX	32 SLE R	13.40	13.40	1748.24	8.58	384.43
-395	15.75	15.55 XX	37 SLE Q	13.40	13.40	1063.11	5.22	
-395	15.75	15.55 XX	38 SLE Q	13.40	13.40	2037.58	10.01	
-395	15.75	15.55 XX	39 SLE Q	13.40	13.40	1540.44	7.56	
-395	15.75	15.55 XX	40 SLE Q	13.40	13.40	1560.26	7.66	
-398	20.50	15.55 XX	29 SLE R	13.40	13.40	3666.54	18.00	806.26
-398	20.50	15.55 XX	30 SLE R	13.40	13.40	2878.88	14.14	633.05
-398	20.50	15.55 XX	31 SLE R	13.40	13.40	3231.79	15.87	710.66
-398	20.50	15.55 XX	32 SLE R	13.40	13.40	3313.63	16.27	728.65
-398	20.50	15.55 XX	37 SLE Q	13.40	13.40	3180.07	15.62	
-398	20.50	15.55 XX	38 SLE Q	13.40	13.40	2392.40	11.75	
-398	20.50	15.55 XX	39 SLE Q	13.40	13.40	2745.32	13.48	
-398	20.50	15.55 XX	40 SLE Q	13.40	13.40	2827.15	13.88	
-400	24.25	15.55 XX	29 SLE R	13.40	13.40	533.84	2.62	117.39
-400	24.25	15.55 XX	30 SLE R	13.40	13.40	-58.85	0.29	12.94
-400	24.25	15.55 XX	31 SLE R	13.40	13.40	235.81	1.16	51.85
-400	24.25	15.55 XX	32 SLE R	13.40	13.40	239.18	1.17	52.60
-399	23.25	15.55 XX	29 SLE R	13.40	13.40	-2276.78	11.18	500.65
-399	23.25	15.55 XX	30 SLE R	13.40	13.40	-1526.10	7.49	335.58
-399	23.25	15.55 XX	31 SLE R	13.40	13.40	-1837.61	9.02	404.08
-399	23.25	15.55 XX	32 SLE R	13.40	13.40	-1965.27	9.65	432.16
-399	23.25	15.55 XX	37 SLE Q	13.40	13.40	-1933.38	9.49	
-399	23.25	15.55 XX	38 SLE Q	13.40	13.40	-1182.69	5.81	
-399	23.25	15.55 XX	39 SLE Q	13.40	13.40	-1494.20	7.34	
-399	23.25	15.55 XX	40 SLE Q	13.40	13.40	-1621.87	7.96	
-390	5.50	15.55 XX	29 SLE R	13.40	13.40	536.66	2.64	118.01
-390	5.50	15.55 XX	30 SLE R	13.40	13.40	-440.06	2.16	96.77

-390	5.50	15.55 XX	31 SLE R	13.40	13.40	53.83	0.26	11.84
-390	5.50	15.55 XX	32 SLE R	13.40	13.40	42.77	0.21	9.41
-390	5.50	15.55 XX	37 SLE Q	13.40	13.40	515.94	2.53	
-390	5.50	15.55 XX	38 SLE Q	13.40	13.40	-460.78	2.26	
-390	5.50	15.55 XX	39 SLE Q	13.40	13.40	33.11	0.16	
-390	5.50	15.55 XX	40 SLE Q	13.40	13.40	22.05	0.11	
-331	9.25	14.35 XX	29 SLE R	13.40	13.40	-263.19	1.29	57.88
-331	9.25	14.35 XX	30 SLE R	13.40	13.40	-257.07	1.26	56.53
-331	9.25	14.35 XX	31 SLE R	13.40	13.40	-250.23	1.23	55.02
-331	9.25	14.35 XX	32 SLE R	13.40	13.40	-270.03	1.33	59.38
-331	9.25	14.35 XX	37 SLE Q	13.40	13.40	-260.65	1.28	
-331	9.25	14.35 XX	38 SLE Q	13.40	13.40	-254.52	1.25	
-331	9.25	14.35 XX	39 SLE Q	13.40	13.40	-247.69	1.22	
-331	9.25	14.35 XX	40 SLE Q	13.40	13.40	-267.49	1.31	
-332	12.00	14.35 XX	29 SLE R	13.40	13.40	-261.37	1.28	57.48
-332	12.00	14.35 XX	30 SLE R	13.40	13.40	-266.86	1.31	58.68
-332	12.00	14.35 XX	31 SLE R	13.40	13.40	-254.12	1.25	55.88
-332	12.00	14.35 XX	32 SLE R	13.40	13.40	-274.11	1.35	60.28
-332	12.00	14.35 XX	37 SLE Q	13.40	13.40	-259.34	1.27	
-332	12.00	14.35 XX	38 SLE Q	13.40	13.40	-264.82	1.30	
-332	12.00	14.35 XX	39 SLE Q	13.40	13.40	-252.08	1.24	
-332	12.00	14.35 XX	40 SLE Q	13.40	13.40	-272.08	1.34	
-335	15.75	14.35 XX	29 SLE R	13.40	13.40	-262.69	1.29	57.76
-335	15.75	14.35 XX	30 SLE R	13.40	13.40	-268.82	1.32	59.11
-335	15.75	14.35 XX	31 SLE R	13.40	13.40	-255.98	1.26	56.29
-335	15.75	14.35 XX	32 SLE R	13.40	13.40	-275.53	1.35	60.59
-335	15.75	14.35 XX	37 SLE Q	13.40	13.40	-260.12	1.28	
-335	15.75	14.35 XX	38 SLE Q	13.40	13.40	-266.25	1.31	
-335	15.75	14.35 XX	39 SLE Q	13.40	13.40	-253.41	1.24	
-335	15.75	14.35 XX	40 SLE Q	13.40	13.40	-272.96	1.34	
-338	19.50	14.35 XX	29 SLE R	13.40	13.40	-341.83	1.68	75.17
-338	19.50	14.35 XX	30 SLE R	13.40	13.40	-351.94	1.73	77.39
-338	19.50	14.35 XX	31 SLE R	13.40	13.40	-338.74	1.66	74.49
-338	19.50	14.35 XX	32 SLE R	13.40	13.40	-355.03	1.74	78.07
-338	19.50	14.35 XX	37 SLE Q	13.40	13.40	-333.56	1.64	
-338	19.50	14.35 XX	38 SLE Q	13.40	13.40	-343.67	1.69	
-338	19.50	14.35 XX	39 SLE Q	13.40	13.40	-330.47	1.62	
-338	19.50	14.35 XX	40 SLE Q	13.40	13.40	-346.76	1.70	
-400	24.25	15.55 XX	37 SLE Q	13.40	13.40	291.69	1.43	
-400	24.25	15.55 XX	38 SLE Q	13.40	13.40	-301.00	1.48	
-400	24.25	15.55 XX	39 SLE Q	13.40	13.40	-6.34	0.03	
-400	24.25	15.55 XX	40 SLE Q	13.40	13.40	-2.96	0.01	
-69	8.25	0.00 XX	29 SLE R	13.40	13.40	2097.94	10.30	461.33
-69	8.25	0.00 XX	30 SLE R	13.40	13.40	3049.27	14.97	670.52
-69	8.25	0.00 XX	31 SLE R	13.40	13.40	2587.42	12.71	568.96
-69	8.25	0.00 XX	32 SLE R	13.40	13.40	2559.79	12.57	562.89
-69	8.25	0.00 XX	37 SLE Q	13.40	13.40	1832.97	9.00	
-69	8.25	0.00 XX	38 SLE Q	13.40	13.40	2784.30	13.67	
-69	8.25	0.00 XX	39 SLE Q	13.40	13.40	2322.45	11.40	
-69	8.25	0.00 XX	40 SLE Q	13.40	13.40	2294.82	11.27	
-130	9.25	1.20 XX	37 SLE Q	13.40	13.40	-241.52	1.19	
-130	9.25	1.20 XX	38 SLE Q	13.40	13.40	-235.39	1.16	
-130	9.25	1.20 XX	39 SLE Q	13.40	13.40	-248.35	1.22	
-130	9.25	1.20 XX	40 SLE Q	13.40	13.40	-228.56	1.12	
-130	9.25	1.20 XX	29 SLE R	13.40	13.40	-244.06	1.20	53.67
-130	9.25	1.20 XX	30 SLE R	13.40	13.40	-237.93	1.17	52.32
-130	9.25	1.20 XX	31 SLE R	13.40	13.40	-250.89	1.23	55.17
-130	9.25	1.20 XX	32 SLE R	13.40	13.40	-231.10	1.13	50.82
-71	12.00	0.00 XX	29 SLE R	13.40	13.40	1283.21	6.30	282.17
-71	12.00	0.00 XX	30 SLE R	13.40	13.40	2254.90	11.07	495.84
-71	12.00	0.00 XX	31 SLE R	13.40	13.40	1778.29	8.73	391.04
-71	12.00	0.00 XX	32 SLE R	13.40	13.40	1759.82	8.64	386.98
-71	12.00	0.00 XX	37 SLE Q	13.40	13.40	1124.49	5.52	
-71	12.00	0.00 XX	38 SLE Q	13.40	13.40	2096.17	10.29	
-71	12.00	0.00 XX	39 SLE Q	13.40	13.40	1619.57	7.95	
-71	12.00	0.00 XX	40 SLE Q	13.40	13.40	1601.09	7.86	
-131	12.00	1.20 XX	29 SLE R	13.40	13.40	-244.17	1.20	53.69
-131	12.00	1.20 XX	30 SLE R	13.40	13.40	-249.65	1.23	54.90
-131	12.00	1.20 XX	31 SLE R	13.40	13.40	-256.91	1.26	56.49
-131	12.00	1.20 XX	32 SLE R	13.40	13.40	-236.91	1.16	52.10
-131	12.00	1.20 XX	37 SLE Q	13.40	13.40	-242.14	1.19	
-131	12.00	1.20 XX	38 SLE Q	13.40	13.40	-247.62	1.22	
-131	12.00	1.20 XX	39 SLE Q	13.40	13.40	-254.88	1.25	
-131	12.00	1.20 XX	40 SLE Q	13.40	13.40	-234.88	1.15	
-74	16.75	0.00 XX	29 SLE R	13.40	13.40	2217.96	10.89	487.72
-74	16.75	0.00 XX	30 SLE R	13.40	13.40	1266.07	6.22	278.40
-74	16.75	0.00 XX	31 SLE R	13.40	13.40	1742.75	8.56	383.22
-74	16.75	0.00 XX	32 SLE R	13.40	13.40	1741.28	8.55	382.90
-73	15.75	0.00 XX	37 SLE Q	13.40	13.40	1044.95	5.13	
-73	15.75	0.00 XX	38 SLE Q	13.40	13.40	2019.41	9.92	
-73	15.75	0.00 XX	39 SLE Q	13.40	13.40	1542.09	7.57	

-73	15.75	0.00 XX	40 SLE Q	13.40	13.40	1522.27	7.47	
-134	15.75	1.20 XX	29 SLE R	13.40	13.40	-243.71	1.20	53.59
-134	15.75	1.20 XX	30 SLE R	13.40	13.40	-249.84	1.23	54.94
-134	15.75	1.20 XX	31 SLE R	13.40	13.40	-256.55	1.26	56.41
-134	15.75	1.20 XX	32 SLE R	13.40	13.40	-237.00	1.16	52.11
-134	15.75	1.20 XX	37 SLE Q	13.40	13.40	-241.14	1.18	
-134	15.75	1.20 XX	38 SLE Q	13.40	13.40	-247.27	1.21	
-134	15.75	1.20 XX	39 SLE Q	13.40	13.40	-253.98	1.25	
-134	15.75	1.20 XX	40 SLE Q	13.40	13.40	-234.43	1.15	
-76	20.50	0.00 XX	29 SLE R	13.40	13.40	3616.10	17.76	795.16
-76	20.50	0.00 XX	30 SLE R	13.40	13.40	2828.43	13.89	621.96
-76	20.50	0.00 XX	31 SLE R	13.40	13.40	3263.18	16.02	717.56
-76	20.50	0.00 XX	32 SLE R	13.40	13.40	3181.35	15.62	699.57
-76	20.50	0.00 XX	37 SLE Q	13.40	13.40	3129.62	15.37	
-76	20.50	0.00 XX	38 SLE Q	13.40	13.40	2341.95	11.50	
-76	20.50	0.00 XX	39 SLE Q	13.40	13.40	2776.70	13.63	
-76	20.50	0.00 XX	40 SLE Q	13.40	13.40	2694.87	13.23	
-137	19.50	1.20 XX	29 SLE R	13.40	13.40	-326.93	1.61	71.89
-137	19.50	1.20 XX	30 SLE R	13.40	13.40	-337.04	1.65	74.11
-137	19.50	1.20 XX	31 SLE R	13.40	13.40	-340.13	1.67	74.79
-137	19.50	1.20 XX	32 SLE R	13.40	13.40	-323.84	1.59	71.21
-137	19.50	1.20 XX	37 SLE Q	13.40	13.40	-318.66	1.56	
-137	19.50	1.20 XX	38 SLE Q	13.40	13.40	-328.77	1.61	
-137	19.50	1.20 XX	39 SLE Q	13.40	13.40	-331.86	1.63	
-137	19.50	1.20 XX	40 SLE Q	13.40	13.40	-315.57	1.55	
-77	23.25	0.00 XX	29 SLE R	13.40	13.40	-2220.41	10.90	488.26
-77	23.25	0.00 XX	30 SLE R	13.40	13.40	-1469.72	7.22	323.19
-77	23.25	0.00 XX	31 SLE R	13.40	13.40	-1908.90	9.37	419.76
-77	23.25	0.00 XX	32 SLE R	13.40	13.40	-1781.23	8.75	391.69
-77	23.25	0.00 XX	37 SLE Q	13.40	13.40	-1877.00	9.22	
-77	23.25	0.00 XX	38 SLE Q	13.40	13.40	-1126.31	5.53	
-77	23.25	0.00 XX	39 SLE Q	13.40	13.40	-1565.49	7.69	
-77	23.25	0.00 XX	40 SLE Q	13.40	13.40	-1437.82	7.06	
-266	23.75	9.13 XX	29 SLE R	13.40	13.40	-1469.72	7.22	323.19
-266	23.75	9.13 XX	30 SLE R	13.40	13.40	-1348.90	6.62	296.62
-266	23.75	9.13 XX	31 SLE R	13.40	13.40	-1402.21	6.89	308.34
-266	23.75	9.13 XX	32 SLE R	13.40	13.40	-1416.41	6.96	311.46
-266	23.75	9.13 XX	37 SLE Q	13.40	13.40	-1378.03	6.77	
-266	23.75	9.13 XX	38 SLE Q	13.40	13.40	-1257.21	6.17	
-266	23.75	9.13 XX	39 SLE Q	13.40	13.40	-1310.52	6.44	
-266	23.75	9.13 XX	40 SLE Q	13.40	13.40	-1324.72	6.50	
11	25.00	9.97 XX	29 SLE R	13.40	13.40	2041.81	10.03	448.99
11	25.00	9.97 XX	30 SLE R	13.40	13.40	2064.98	10.14	454.08
11	25.00	9.97 XX	31 SLE R	13.40	13.40	2088.80	10.26	459.32
11	25.00	9.97 XX	32 SLE R	13.40	13.40	2017.98	9.91	443.75
11	25.00	9.97 XX	37 SLE Q	13.40	13.40	1934.97	9.50	
11	25.00	9.97 XX	38 SLE Q	13.40	13.40	1958.14	9.62	
11	25.00	9.97 XX	39 SLE Q	13.40	13.40	1981.97	9.73	
11	25.00	9.97 XX	40 SLE Q	13.40	13.40	1911.14	9.38	
-78	24.25	0.00 XX	29 SLE R	13.40	13.40	487.03	2.39	107.10
-78	24.25	0.00 XX	30 SLE R	13.40	13.40	-105.67	0.52	23.24
-78	24.25	0.00 XX	31 SLE R	13.40	13.40	192.37	0.94	42.30
-78	24.25	0.00 XX	32 SLE R	13.40	13.40	188.99	0.93	41.56
-78	24.25	0.00 XX	37 SLE Q	13.40	13.40	244.88	1.20	
-78	24.25	0.00 XX	38 SLE Q	13.40	13.40	-347.81	1.71	
-78	24.25	0.00 XX	39 SLE Q	13.40	13.40	-49.78	0.24	
-78	24.25	0.00 XX	40 SLE Q	13.40	13.40	-53.15	0.26	
-67	4.50	0.00 XX	29 SLE R	13.40	13.40	3270.66	16.06	719.21
-67	4.50	0.00 XX	30 SLE R	13.40	13.40	4055.56	19.91	891.80
-67	4.50	0.00 XX	31 SLE R	13.40	13.40	3710.61	18.22	815.95
-67	4.50	0.00 XX	32 SLE R	13.40	13.40	3615.62	17.75	795.06
-67	4.50	0.00 XX	37 SLE Q	13.40	13.40	2790.27	13.70	
-67	4.50	0.00 XX	38 SLE Q	13.40	13.40	3575.17	17.56	
-67	4.50	0.00 XX	39 SLE Q	13.40	13.40	3230.21	15.86	
-67	4.50	0.00 XX	40 SLE Q	13.40	13.40	3135.23	15.39	
-68	5.50	0.00 XX	29 SLE R	13.40	13.40	543.36	2.67	119.48
-68	5.50	0.00 XX	30 SLE R	13.40	13.40	-433.36	2.13	95.30
-68	5.50	0.00 XX	31 SLE R	13.40	13.40	49.47	0.24	10.88
-68	5.50	0.00 XX	32 SLE R	13.40	13.40	60.53	0.30	13.31
-68	5.50	0.00 XX	37 SLE Q	13.40	13.40	522.63	2.57	
-68	5.50	0.00 XX	38 SLE Q	13.40	13.40	-454.09	2.23	
-68	5.50	0.00 XX	39 SLE Q	13.40	13.40	28.74	0.14	
-68	5.50	0.00 XX	40 SLE Q	13.40	13.40	39.80	0.20	
-66	1.75	0.00 XX	29 SLE R	13.40	13.40	-1948.03	9.57	428.36
-66	1.75	0.00 XX	30 SLE R	13.40	13.40	-2690.53	13.21	591.64
-66	1.75	0.00 XX	31 SLE R	13.40	13.40	-2393.32	11.75	526.28
-66	1.75	0.00 XX	32 SLE R	13.40	13.40	-2245.23	11.02	493.72
-66	1.75	0.00 XX	37 SLE Q	13.40	13.40	-1631.08	8.01	
-66	1.75	0.00 XX	38 SLE Q	13.40	13.40	-2373.59	11.65	
-66	1.75	0.00 XX	39 SLE Q	13.40	13.40	-2076.38	10.20	
-66	1.75	0.00 XX	40 SLE Q	13.40	13.40	-1928.29	9.47	

-65	0.75	0.00 XX	29 SLE R	13.40	13.40	706.69	3.47	155.40
-65	0.75	0.00 XX	30 SLE R	13.40	13.40	1313.43	6.45	288.82
-65	0.75	0.00 XX	31 SLE R	13.40	13.40	1003.78	4.93	220.73
-65	0.75	0.00 XX	32 SLE R	13.40	13.40	1016.35	4.99	223.49
-65	0.75	0.00 XX	37 SLE Q	13.40	13.40	409.35	2.01	
-65	0.75	0.00 XX	38 SLE Q	13.40	13.40	1016.09	4.99	
-65	0.75	0.00 XX	39 SLE Q	13.40	13.40	706.44	3.47	
-65	0.75	0.00 XX	40 SLE Q	13.40	13.40	719.01	3.53	
-200	23.75	6.42 XX	29 SLE R	13.40	13.40	-1468.65	7.21	322.95
-200	23.75	6.42 XX	30 SLE R	13.40	13.40	-1347.83	6.62	296.38
-200	23.75	6.42 XX	31 SLE R	13.40	13.40	-1415.34	6.95	311.23
-200	23.75	6.42 XX	32 SLE R	13.40	13.40	-1401.14	6.88	308.11
-200	23.75	6.42 XX	37 SLE Q	13.40	13.40	-1376.96	6.76	
-200	23.75	6.42 XX	38 SLE Q	13.40	13.40	-1256.14	6.17	
-200	23.75	6.42 XX	39 SLE Q	13.40	13.40	-1323.65	6.50	
-200	23.75	6.42 XX	40 SLE Q	13.40	13.40	-1309.45	6.43	
8	25.00	5.58 XX	29 SLE R	13.40	13.40	2092.29	10.27	460.09
8	25.00	5.58 XX	30 SLE R	13.40	13.40	2115.46	10.39	465.18
8	25.00	5.58 XX	31 SLE R	13.40	13.40	2068.47	10.16	454.85
8	25.00	5.58 XX	32 SLE R	13.40	13.40	2139.28	10.50	470.42
8	25.00	5.58 XX	37 SLE Q	13.40	13.40	1985.46	9.75	
8	25.00	5.58 XX	38 SLE Q	13.40	13.40	2008.62	9.86	
8	25.00	5.58 XX	39 SLE Q	13.40	13.40	1961.63	9.63	
8	25.00	5.58 XX	40 SLE Q	13.40	13.40	2032.45	9.98	
-365	0.75	15.15 YY	29 SLE R	13.40	13.40	4863.19	23.88	1069.40
-365	0.75	15.15 YY	30 SLE R	13.40	13.40	4964.20	24.38	1091.61
-365	0.75	15.15 YY	31 SLE R	13.40	13.40	4805.17	23.59	1056.64
-365	0.75	15.15 YY	32 SLE R	13.40	13.40	5022.21	24.66	1104.36
-365	0.75	15.15 YY	37 SLE Q	13.40	13.40	4720.02	23.18	
-365	0.75	15.15 YY	38 SLE Q	13.40	13.40	4821.03	23.67	
-365	0.75	15.15 YY	39 SLE Q	13.40	13.40	4662.01	22.89	
-365	0.75	15.15 YY	40 SLE Q	13.40	13.40	4879.05	23.96	
9	0.00	6.28 YY	29 SLE R	13.40	13.40	2337.27	11.48	513.96
9	0.00	6.28 YY	30 SLE R	13.40	13.40	2324.45	11.41	511.14
9	0.00	6.28 YY	31 SLE R	13.40	13.40	2228.42	10.94	490.02
9	0.00	6.28 YY	32 SLE R	13.40	13.40	2433.29	11.95	535.07
9	0.00	6.28 YY	37 SLE Q	13.40	13.40	2127.53	10.45	
9	0.00	6.28 YY	38 SLE Q	13.40	13.40	2114.71	10.38	
9	0.00	6.28 YY	39 SLE Q	13.40	13.40	2018.69	9.91	
9	0.00	6.28 YY	40 SLE Q	13.40	13.40	2223.56	10.92	
-389	4.50	15.55 YY	29 SLE R	13.40	13.40	4711.30	23.13	1036.00
-389	4.50	15.55 YY	30 SLE R	13.40	13.40	4773.70	23.44	1049.72
-389	4.50	15.55 YY	31 SLE R	13.40	13.40	4636.01	22.76	1019.44
-389	4.50	15.55 YY	32 SLE R	13.40	13.40	4848.99	23.81	1066.27
-389	4.50	15.55 YY	37 SLE Q	13.40	13.40	4518.04	22.18	
-389	4.50	15.55 YY	38 SLE Q	13.40	13.40	4580.44	22.49	
-389	4.50	15.55 YY	39 SLE Q	13.40	13.40	4442.75	21.82	
-389	4.50	15.55 YY	40 SLE Q	13.40	13.40	4655.73	22.86	
-391	8.25	15.55 YY	29 SLE R	13.40	13.40	4737.57	23.26	1041.77
-391	8.25	15.55 YY	30 SLE R	13.40	13.40	4795.75	23.55	1054.57
-391	8.25	15.55 YY	31 SLE R	13.40	13.40	4652.77	22.85	1023.13
-391	8.25	15.55 YY	32 SLE R	13.40	13.40	4880.55	23.97	1073.21
-391	8.25	15.55 YY	37 SLE Q	13.40	13.40	4540.26	22.29	
-391	8.25	15.55 YY	38 SLE Q	13.40	13.40	4598.43	22.58	
-391	8.25	15.55 YY	39 SLE Q	13.40	13.40	4455.46	21.88	
-391	8.25	15.55 YY	40 SLE Q	13.40	13.40	4683.23	23.00	
-393	12.00	15.55 YY	29 SLE R	13.40	13.40	4647.02	22.82	1021.86
-393	12.00	15.55 YY	30 SLE R	13.40	13.40	4708.41	23.12	1035.36
-393	12.00	15.55 YY	31 SLE R	13.40	13.40	4563.50	22.41	1003.50
-393	12.00	15.55 YY	32 SLE R	13.40	13.40	4791.92	23.53	1053.73
-393	12.00	15.55 YY	37 SLE Q	13.40	13.40	4455.33	21.88	
-393	12.00	15.55 YY	38 SLE Q	13.40	13.40	4516.72	22.18	
-393	12.00	15.55 YY	39 SLE Q	13.40	13.40	4371.81	21.47	
-393	12.00	15.55 YY	40 SLE Q	13.40	13.40	4600.23	22.59	
-396	16.75	15.55 YY	29 SLE R	13.40	13.40	4740.48	23.28	1042.41
-396	16.75	15.55 YY	30 SLE R	13.40	13.40	4682.36	22.99	1029.63
-396	16.75	15.55 YY	31 SLE R	13.40	13.40	4599.33	22.58	1011.38
-396	16.75	15.55 YY	32 SLE R	13.40	13.40	4823.50	23.68	1060.67
-396	16.75	15.55 YY	37 SLE Q	13.40	13.40	4543.49	22.31	
-396	16.75	15.55 YY	38 SLE Q	13.40	13.40	4485.36	22.02	
-396	16.75	15.55 YY	39 SLE Q	13.40	13.40	4402.34	21.62	
-396	16.75	15.55 YY	40 SLE Q	13.40	13.40	4626.51	22.72	
-398	20.50	15.55 YY	29 SLE R	13.40	13.40	4709.88	23.13	1035.68
-398	20.50	15.55 YY	30 SLE R	13.40	13.40	4648.21	22.82	1022.12
-398	20.50	15.55 YY	31 SLE R	13.40	13.40	4577.33	22.48	1006.54
-398	20.50	15.55 YY	32 SLE R	13.40	13.40	4780.76	23.48	1051.27
-398	20.50	15.55 YY	37 SLE Q	13.40	13.40	4517.80	22.18	
-398	20.50	15.55 YY	38 SLE Q	13.40	13.40	4456.14	21.88	
-398	20.50	15.55 YY	39 SLE Q	13.40	13.40	4385.25	21.53	
-398	20.50	15.55 YY	40 SLE Q	13.40	13.40	4588.69	22.53	
-385	24.25	15.15 YY	29 SLE R	13.40	13.40	4319.60	21.21	949.86

-385	24.25	15.15	YY	30 SLE R	13.40	13.40	4212.81	20.69	926.38
-385	24.25	15.15	YY	31 SLE R	13.40	13.40	4143.75	20.35	911.19
-385	24.25	15.15	YY	32 SLE R	13.40	13.40	4388.66	21.55	965.05
-385	24.25	15.15	YY	37 SLE Q	13.40	13.40	4187.99	20.56	
-385	24.25	15.15	YY	38 SLE Q	13.40	13.40	4081.19	20.04	
-385	24.25	15.15	YY	39 SLE Q	13.40	13.40	4012.13	19.70	
-385	24.25	15.15	YY	40 SLE Q	13.40	13.40	4257.05	20.90	
-328	5.50	14.35	YY	29 SLE R	13.40	13.40	-504.99	2.48	111.04
-328	5.50	14.35	YY	30 SLE R	13.40	13.40	-505.50	2.48	111.16
-328	5.50	14.35	YY	31 SLE R	13.40	13.40	-683.93	3.36	150.39
-328	5.50	14.35	YY	32 SLE R	13.40	13.40	-326.56	1.60	71.81
-328	5.50	14.35	YY	37 SLE Q	13.40	13.40	-312.37	1.53	
-328	5.50	14.35	YY	38 SLE Q	13.40	13.40	-312.88	1.54	
-328	5.50	14.35	YY	39 SLE Q	13.40	13.40	-491.31	2.41	
-328	5.50	14.35	YY	40 SLE Q	13.40	13.40	-133.94	0.66	
-329	8.25	14.35	YY	29 SLE R	13.40	13.40	-978.72	4.81	215.22
-329	8.25	14.35	YY	30 SLE R	13.40	13.40	-982.13	4.82	215.97
-329	8.25	14.35	YY	31 SLE R	13.40	13.40	-1166.47	5.73	256.50
-329	8.25	14.35	YY	32 SLE R	13.40	13.40	-794.38	3.90	174.68
-329	8.25	14.35	YY	37 SLE Q	13.40	13.40	-723.67	3.55	
-329	8.25	14.35	YY	38 SLE Q	13.40	13.40	-727.07	3.57	
-329	8.25	14.35	YY	39 SLE Q	13.40	13.40	-911.41	4.48	
-329	8.25	14.35	YY	40 SLE Q	13.40	13.40	-539.32	2.65	
-332	12.00	14.35	YY	29 SLE R	13.40	13.40	-1143.80	5.62	251.52
-332	12.00	14.35	YY	30 SLE R	13.40	13.40	-1144.69	5.62	251.71
-332	12.00	14.35	YY	31 SLE R	13.40	13.40	-1330.83	6.53	292.64
-332	12.00	14.35	YY	32 SLE R	13.40	13.40	-957.66	4.70	210.59
-332	12.00	14.35	YY	37 SLE Q	13.40	13.40	-875.50	4.30	
-332	12.00	14.35	YY	38 SLE Q	13.40	13.40	-876.39	4.30	
-332	12.00	14.35	YY	39 SLE Q	13.40	13.40	-1062.53	5.22	
-332	12.00	14.35	YY	40 SLE Q	13.40	13.40	-689.36	3.38	
-337	16.75	14.35	YY	29 SLE R	13.40	13.40	-977.52	4.80	214.95
-337	16.75	14.35	YY	30 SLE R	13.40	13.40	-974.08	4.78	214.20
-337	16.75	14.35	YY	31 SLE R	13.40	13.40	-1160.58	5.70	255.21
-337	16.75	14.35	YY	32 SLE R	13.40	13.40	-791.02	3.88	173.94
-337	16.75	14.35	YY	37 SLE Q	13.40	13.40	-722.65	3.55	
-337	16.75	14.35	YY	38 SLE Q	13.40	13.40	-719.21	3.53	
-337	16.75	14.35	YY	39 SLE Q	13.40	13.40	-905.71	4.45	
-337	16.75	14.35	YY	40 SLE Q	13.40	13.40	-536.15	2.63	
-338	19.50	14.35	YY	29 SLE R	13.40	13.40	-503.81	2.47	110.79
-338	19.50	14.35	YY	30 SLE R	13.40	13.40	-502.48	2.47	110.49
-338	19.50	14.35	YY	31 SLE R	13.40	13.40	-676.66	3.32	148.79
-338	19.50	14.35	YY	32 SLE R	13.40	13.40	-329.63	1.62	72.48
-338	19.50	14.35	YY	37 SLE Q	13.40	13.40	-311.71	1.53	
-338	19.50	14.35	YY	38 SLE Q	13.40	13.40	-310.38	1.52	
-338	19.50	14.35	YY	39 SLE Q	13.40	13.40	-484.56	2.38	
-338	19.50	14.35	YY	40 SLE Q	13.40	13.40	-137.53	0.68	
-128	8.25	1.20	YY	29 SLE R	13.40	13.40	-1367.33	6.71	300.67
-128	8.25	1.20	YY	30 SLE R	13.40	13.40	-1370.73	6.73	301.42
-128	8.25	1.20	YY	31 SLE R	13.40	13.40	-1182.99	5.81	260.13
-128	8.25	1.20	YY	32 SLE R	13.40	13.40	-1555.08	7.64	341.95
-128	8.25	1.20	YY	37 SLE Q	13.40	13.40	-1112.27	5.46	
-128	8.25	1.20	YY	38 SLE Q	13.40	13.40	-1115.68	5.48	
-128	8.25	1.20	YY	39 SLE Q	13.40	13.40	-927.93	4.56	
-128	8.25	1.20	YY	40 SLE Q	13.40	13.40	-1300.02	6.38	
-131	12.00	1.20	YY	29 SLE R	13.40	13.40	-1422.98	6.99	312.91
-131	12.00	1.20	YY	30 SLE R	13.40	13.40	-1423.87	6.99	313.10
-131	12.00	1.20	YY	31 SLE R	13.40	13.40	-1236.84	6.07	271.98
-131	12.00	1.20	YY	32 SLE R	13.40	13.40	-1610.01	7.91	354.03
-131	12.00	1.20	YY	37 SLE Q	13.40	13.40	-1154.68	5.67	
-131	12.00	1.20	YY	38 SLE Q	13.40	13.40	-1155.57	5.67	
-131	12.00	1.20	YY	39 SLE Q	13.40	13.40	-968.54	4.76	
-131	12.00	1.20	YY	40 SLE Q	13.40	13.40	-1341.71	6.59	
-136	16.75	1.20	YY	29 SLE R	13.40	13.40	-1364.39	6.70	300.02
-136	16.75	1.20	YY	30 SLE R	13.40	13.40	-1360.94	6.68	299.27
-136	16.75	1.20	YY	31 SLE R	13.40	13.40	-1177.89	5.78	259.01
-136	16.75	1.20	YY	32 SLE R	13.40	13.40	-1547.44	7.60	340.28
-136	16.75	1.20	YY	37 SLE Q	13.40	13.40	-1109.51	5.45	
-136	16.75	1.20	YY	38 SLE Q	13.40	13.40	-1106.07	5.43	
-136	16.75	1.20	YY	39 SLE Q	13.40	13.40	-923.01	4.53	
-136	16.75	1.20	YY	40 SLE Q	13.40	13.40	-1292.57	6.35	
-76	20.50	0.00	YY	29 SLE R	13.40	13.40	4553.28	22.36	1001.25
-76	20.50	0.00	YY	30 SLE R	13.40	13.40	4491.62	22.06	987.69
-76	20.50	0.00	YY	31 SLE R	13.40	13.40	4624.17	22.71	1016.84
-76	20.50	0.00	YY	32 SLE R	13.40	13.40	4420.73	21.71	972.10
-137	19.50	1.20	YY	29 SLE R	13.40	13.40	-766.79	3.77	168.61
-137	19.50	1.20	YY	30 SLE R	13.40	13.40	-765.46	3.76	168.32
-137	19.50	1.20	YY	31 SLE R	13.40	13.40	-592.61	2.91	130.31
-137	19.50	1.20	YY	32 SLE R	13.40	13.40	-939.64	4.61	206.62
-76	20.50	0.00	YY	37 SLE Q	13.40	13.40	4361.21	21.41	
-76	20.50	0.00	YY	38 SLE Q	13.40	13.40	4299.54	21.11	

-76	20.50	0.00	YY	39	SLE	Q	13.40	13.40	4432.09	21.76	
-76	20.50	0.00	YY	40	SLE	Q	13.40	13.40	4228.65	20.76	
-137	19.50	1.20	YY	37	SLE	Q	13.40	13.40	-574.69	2.82	
-137	19.50	1.20	YY	38	SLE	Q	13.40	13.40	-573.37	2.82	
-137	19.50	1.20	YY	39	SLE	Q	13.40	13.40	-400.51	1.97	
-137	19.50	1.20	YY	40	SLE	Q	13.40	13.40	-747.54	3.67	
-77	23.25	0.00	YY	29	SLE	R	13.40	13.40	4091.48	20.09	899.70
-77	23.25	0.00	YY	30	SLE	R	13.40	13.40	4019.85	19.74	883.95
-77	23.25	0.00	YY	31	SLE	R	13.40	13.40	4116.19	20.21	905.13
-77	23.25	0.00	YY	32	SLE	R	13.40	13.40	3995.14	19.62	878.51
-77	23.25	0.00	YY	37	SLE	Q	13.40	13.40	3984.00	19.56	
-77	23.25	0.00	YY	38	SLE	Q	13.40	13.40	3912.37	19.21	
-77	23.25	0.00	YY	39	SLE	Q	13.40	13.40	4008.71	19.68	
-77	23.25	0.00	YY	40	SLE	Q	13.40	13.40	3887.66	19.09	
-140	23.25	1.20	YY	29	SLE	R	13.40	13.40	-141.11	0.69	31.03
-140	23.25	1.20	YY	30	SLE	R	13.40	13.40	-178.49	0.88	39.25
-140	23.25	1.20	YY	31	SLE	R	13.40	13.40	-5.46	0.03	1.20
-140	23.25	1.20	YY	32	SLE	R	13.40	13.40	-314.15	1.54	69.08
-140	23.25	1.20	YY	37	SLE	Q	13.40	13.40	-70.96	0.35	
-140	23.25	1.20	YY	38	SLE	Q	13.40	13.40	-108.34	0.53	
-140	23.25	1.20	YY	39	SLE	Q	13.40	13.40	64.69	0.32	
-140	23.25	1.20	YY	40	SLE	Q	13.40	13.40	-244.00	1.20	
-320	25.00	11.38	YY	29	SLE	R	13.40	13.40	-3218.58	15.80	707.75
-320	25.00	11.38	YY	30	SLE	R	13.40	13.40	-3066.33	15.06	674.27
-320	25.00	11.38	YY	31	SLE	R	13.40	13.40	-2924.99	14.36	643.19
-320	25.00	11.38	YY	32	SLE	R	13.40	13.40	-3359.93	16.50	738.83
-320	25.00	11.38	YY	37	SLE	Q	13.40	13.40	-3081.34	15.13	
-320	25.00	11.38	YY	38	SLE	Q	13.40	13.40	-2929.08	14.38	
-320	25.00	11.38	YY	39	SLE	Q	13.40	13.40	-2787.74	13.69	
-320	25.00	11.38	YY	40	SLE	Q	13.40	13.40	-3222.68	15.82	
-67	4.50	0.00	YY	29	SLE	R	13.40	13.40	4548.42	22.33	1000.18
-67	4.50	0.00	YY	30	SLE	R	13.40	13.40	4610.82	22.64	1013.90
-67	4.50	0.00	YY	31	SLE	R	13.40	13.40	4686.11	23.01	1030.46
-67	4.50	0.00	YY	32	SLE	R	13.40	13.40	4473.12	21.96	983.62
-127	5.50	1.20	YY	29	SLE	R	13.40	13.40	-774.98	3.81	170.42
-127	5.50	1.20	YY	30	SLE	R	13.40	13.40	-775.50	3.81	170.53
-127	5.50	1.20	YY	31	SLE	R	13.40	13.40	-596.55	2.93	131.18
-127	5.50	1.20	YY	32	SLE	R	13.40	13.40	-953.92	4.68	209.76
-67	4.50	0.00	YY	37	SLE	Q	13.40	13.40	4355.16	21.39	
-67	4.50	0.00	YY	38	SLE	Q	13.40	13.40	4417.56	21.69	
-67	4.50	0.00	YY	39	SLE	Q	13.40	13.40	4492.85	22.06	
-67	4.50	0.00	YY	40	SLE	Q	13.40	13.40	4279.87	21.02	
-127	5.50	1.20	YY	37	SLE	Q	13.40	13.40	-582.37	2.86	
-127	5.50	1.20	YY	38	SLE	Q	13.40	13.40	-582.88	2.86	
-127	5.50	1.20	YY	39	SLE	Q	13.40	13.40	-403.94	1.98	
-127	5.50	1.20	YY	40	SLE	Q	13.40	13.40	-761.31	3.74	
-80	0.75	0.40	YY	29	SLE	R	13.40	13.40	4525.22	22.22	995.08
-80	0.75	0.40	YY	30	SLE	R	13.40	13.40	4626.23	22.72	1017.29
-80	0.75	0.40	YY	31	SLE	R	13.40	13.40	4684.24	23.00	1030.05
-80	0.75	0.40	YY	32	SLE	R	13.40	13.40	4467.20	21.94	982.32
-80	0.75	0.40	YY	37	SLE	Q	13.40	13.40	4382.06	21.52	
-80	0.75	0.40	YY	38	SLE	Q	13.40	13.40	4483.07	22.01	
-80	0.75	0.40	YY	39	SLE	Q	13.40	13.40	4541.08	22.30	
-80	0.75	0.40	YY	40	SLE	Q	13.40	13.40	4324.04	21.23	
8	25.00	5.58	YY	29	SLE	R	13.40	13.40	2349.83	11.54	516.72
8	25.00	5.58	YY	30	SLE	R	13.40	13.40	2365.14	11.61	520.09
8	25.00	5.58	YY	31	SLE	R	13.40	13.40	2329.15	11.44	512.17
8	25.00	5.58	YY	32	SLE	R	13.40	13.40	2385.83	11.72	524.63
8	25.00	5.58	YY	37	SLE	Q	13.40	13.40	2135.30	10.48	
8	25.00	5.58	YY	38	SLE	Q	13.40	13.40	2150.61	10.56	
8	25.00	5.58	YY	39	SLE	Q	13.40	13.40	2114.61	10.38	
8	25.00	5.58	YY	40	SLE	Q	13.40	13.40	2171.29	10.66	
-69	8.25	0.00	YY	29	SLE	R	13.40	13.40	4487.74	22.04	986.84
-69	8.25	0.00	YY	30	SLE	R	13.40	13.40	4545.92	22.32	999.63
-69	8.25	0.00	YY	31	SLE	R	13.40	13.40	4630.71	22.74	1018.28
-69	8.25	0.00	YY	32	SLE	R	13.40	13.40	4402.94	21.62	968.19
-69	8.25	0.00	YY	37	SLE	Q	13.40	13.40	4290.42	21.07	
-69	8.25	0.00	YY	38	SLE	Q	13.40	13.40	4348.60	21.35	
-69	8.25	0.00	YY	39	SLE	Q	13.40	13.40	4433.40	21.77	
-69	8.25	0.00	YY	40	SLE	Q	13.40	13.40	4205.63	20.65	
-71	12.00	0.00	YY	29	SLE	R	13.40	13.40	4474.88	21.97	984.01
-71	12.00	0.00	YY	30	SLE	R	13.40	13.40	4536.27	22.27	997.51
-71	12.00	0.00	YY	31	SLE	R	13.40	13.40	4619.78	22.68	1015.87
-71	12.00	0.00	YY	32	SLE	R	13.40	13.40	4391.36	21.56	965.64
-71	12.00	0.00	YY	37	SLE	Q	13.40	13.40	4283.19	21.03	
-71	12.00	0.00	YY	38	SLE	Q	13.40	13.40	4344.58	21.33	
-71	12.00	0.00	YY	39	SLE	Q	13.40	13.40	4428.09	21.74	
-71	12.00	0.00	YY	40	SLE	Q	13.40	13.40	4199.67	20.62	
-74	16.75	0.00	YY	29	SLE	R	13.40	13.40	4493.08	22.06	988.01
-74	16.75	0.00	YY	30	SLE	R	13.40	13.40	4434.96	21.78	975.23
-74	16.75	0.00	YY	31	SLE	R	13.40	13.40	4576.10	22.47	1006.27

8	25.00	5.58	13 SLV	-2777.55	2.48	4.66	0.53	36631.20
8	25.00	5.58	14 SLD	-2577.20	2.48	4.66	0.53	36631.20
8	25.00	5.58	16 SLV	1234.80	2.48	4.66	0.57	36631.20
8	25.00	5.58	17 SLD	1437.76	2.48	4.66	0.57	36631.20
8	25.00	5.58	19 SLV	-7682.16	2.48	4.66	0.48	36631.20
8	25.00	5.58	20 SLD	-6978.06	2.48	4.66	0.49	36631.20
8	25.00	5.58	22 SLV	-6478.46	2.48	4.66	0.49	36631.20
8	25.00	5.58	23 SLD	-5773.58	2.48	4.66	0.50	36631.20
8	25.00	5.58	25 SLU	2278.55	2.48	4.66	0.72	36631.20
8	25.00	5.58	26 SLU	2283.18	2.48	4.66	0.72	36631.20
8	25.00	5.58	27 SLU	2360.54	2.48	4.66	0.72	36631.20
8	25.00	5.58	28 SLU	2201.19	2.48	4.66	0.73	36631.20
9	0.00	6.28	1 SLV	-3809.34	2.43	4.59	0.50	35892.70
9	0.00	6.28	2 SLD	-6896.00	2.43	4.59	0.42	35892.70
9	0.00	6.28	4 SLV	-602.97	2.43	4.59	0.53	35892.70
9	0.00	6.28	5 SLD	-311.86	2.43	4.59	0.54	35892.70
9	0.00	6.28	7 SLV	-11426.20	2.43	4.59	0.42	35892.70
9	0.00	6.28	8 SLD	-10439.80	2.43	4.59	0.43	35892.70
9	0.00	6.28	10 SLV	-10464.30	2.43	4.59	0.43	35892.70
9	0.00	6.28	11 SLD	-9477.30	2.43	4.59	0.44	35892.70
9	0.00	6.28	13 SLV	-3959.64	2.43	4.59	0.48	35892.70
9	0.00	6.28	14 SLD	-3670.70	2.43	4.59	0.49	35892.70
9	0.00	6.28	16 SLV	-753.27	2.43	4.59	0.52	35892.70
9	0.00	6.28	17 SLD	-462.25	2.43	4.59	0.52	35892.70
9	0.00	6.28	19 SLV	-11576.50	2.43	4.59	0.40	35892.70
9	0.00	6.28	20 SLD	-10590.20	2.43	4.59	0.41	35892.70
9	0.00	6.28	22 SLV	-10614.60	2.43	4.59	0.41	35892.70
9	0.00	6.28	23 SLD	-9627.69	2.43	4.59	0.42	35892.70
9	0.00	6.28	25 SLU	1616.32	2.43	4.59	0.70	35892.70
9	0.00	6.28	26 SLU	1598.67	2.43	4.59	0.70	35892.70
9	0.00	6.28	27 SLU	1630.31	2.43	4.59	0.69	35892.70
9	0.00	6.28	28 SLU	1584.67	2.43	4.59	0.71	35892.70
10	0.00	9.28	1 SLV	-3926.83	2.43	4.59	0.48	35892.60
10	0.00	9.28	2 SLD	-6997.23	2.43	4.59	0.40	35892.60
10	0.00	9.28	4 SLV	-720.46	2.43	4.59	0.51	35892.60
10	0.00	9.28	5 SLD	-413.10	2.43	4.59	0.51	35892.60
10	0.00	9.28	7 SLV	-11543.70	2.43	4.59	0.40	35892.60
10	0.00	9.28	8 SLD	-10541.10	2.43	4.59	0.41	35892.60
10	0.00	9.28	10 SLV	-10581.70	2.43	4.59	0.41	35892.60
10	0.00	9.28	11 SLD	-9578.53	2.43	4.59	0.42	35892.60
10	0.00	9.28	13 SLV	-3776.53	2.43	4.59	0.50	35892.60
10	0.00	9.28	14 SLD	-3471.14	2.43	4.59	0.50	35892.60
10	0.00	9.28	16 SLV	-570.16	2.43	4.59	0.53	35892.60
10	0.00	9.28	17 SLD	-262.70	2.43	4.59	0.53	35892.60
10	0.00	9.28	19 SLV	-11393.40	2.43	4.59	0.42	35892.60
10	0.00	9.28	20 SLD	-10390.70	2.43	4.59	0.43	35892.60
10	0.00	9.28	22 SLV	-10431.40	2.43	4.59	0.43	35892.60
10	0.00	9.28	23 SLD	-9428.14	2.43	4.59	0.44	35892.60
10	0.00	9.28	25 SLU	1727.26	2.43	4.59	0.69	35892.60
10	0.00	9.28	26 SLU	1709.62	2.43	4.59	0.69	35892.60
10	0.00	9.28	27 SLU	1695.62	2.43	4.59	0.70	35892.60
10	0.00	9.28	28 SLU	1741.26	2.43	4.59	0.68	35892.60
11	25.00	9.97	1 SLV	-2724.38	2.48	4.66	0.52	36631.20
11	25.00	9.97	2 SLD	-7145.38	2.48	4.66	0.41	36631.20
11	25.00	9.97	4 SLV	1287.97	2.48	4.66	0.57	36631.20
11	25.00	9.97	5 SLD	1517.42	2.48	4.66	0.57	36631.20
11	25.00	9.97	7 SLV	-7628.99	2.48	4.66	0.48	36631.20
11	25.00	9.97	8 SLD	-6898.41	2.48	4.66	0.48	36631.20
11	25.00	9.97	10 SLV	-6425.29	2.48	4.66	0.49	36631.20
11	25.00	9.97	11 SLD	-5693.92	2.48	4.66	0.50	36631.20
11	25.00	9.97	13 SLV	-2704.82	2.48	4.66	0.51	36631.20
11	25.00	9.97	14 SLD	-2477.97	2.48	4.66	0.51	36631.20
11	25.00	9.97	16 SLV	1307.53	2.48	4.66	0.56	36631.20
11	25.00	9.97	17 SLD	1536.99	2.48	4.66	0.56	36631.20
11	25.00	9.97	19 SLV	-7609.43	2.48	4.66	0.47	36631.20
11	25.00	9.97	20 SLD	-6878.84	2.48	4.66	0.48	36631.20
11	25.00	9.97	22 SLV	-6405.73	2.48	4.66	0.48	36631.20
11	25.00	9.97	23 SLD	-5674.35	2.48	4.66	0.49	36631.20
11	25.00	9.97	25 SLU	2458.32	2.48	4.66	0.72	36631.20
11	25.00	9.97	26 SLU	2462.95	2.48	4.66	0.71	36631.20
11	25.00	9.97	27 SLU	2380.96	2.48	4.66	0.72	36631.20
11	25.00	9.97	28 SLU	2540.31	2.48	4.66	0.71	36631.20

