FCC 312 Schedule S	FEDERAL COMMUNICATIONS COMMISSION SATELLITE SPACE STATION AUTHORIZATIONS (Technical and Operational Description)	Page 1: General, Frequency Bands, and GSO Orbit

S1. GENERAL INFORMATION Complete for all satellite applications.

a. Space Station or Satellite Network Name: INTELSAT 709		e. Estimated Date of Placement into Service:	i Will the space station(s) operate on a Common Carrier Basis: N
b. Construction Commencement Date:		f. Estimated Lifetime of Satellite(s): Years	j. Number of transponders offered on a common carrier basis:
c. Construction Completion Date:		g. Total Number of Transponders: 42	k. Total Common Carrier Transponder Bandwidth: MHz
d1. Est Launch Date Begin:	d2. Est Launch Date End:	h. Total Transponder Bandwidth (no. transponders x Bandwidth) 2408 MHz	l. Orbit Type: Mark all boxes that apply: [X] GSO [ ] NGSO

S2. OPERATING FREQUENCY BANDS Identify the frequency range and transmit/receive mode for all frequency bands in which this station will oper
Also indicate the nature of service(s) for each frequency band.

Frequency Band Limits				e. T/R Mode	f. Nature of Service(s): List all that apply to this band
Lower Frequency (_Hz)		Upper Frequency (_Hz)			
a. Numeric	b. Unit (K/M/G)	c. Numeric	d. Unit (K/M/G)		
5925	M	6425	M	R	Fixed Satellite Service
14000	M	14500	M	R	Fixed Satellite Service
3700	M	4200	M	T	Fixed Satellite Service
10950	M	11200	M	T	Fixed Satellite Service
11450	M	11700	M	T	Fixed Satellite Service
12500	M	12750	M	T	Fixed Satellite Service
11700	M	11950	M	T	Fixed Satellite Service

S3. ORBITAL INFORMATION FOR GEOSTATIONARY SATELLITES ONLY:

a. Nominal Orbital Longitude (Degrees E/W): 54.85 E	b. Alternate Orbital Longitude (Degrees E/W):		c. Reason for orbital location selection: Replace the existing Intelsat 706 spacecraft.
Longitudinal Tolerance or E/W Station-Keeping: d. Toward West: 0.05 Degrees e. Toward East: 0.05 Degrees	f. Inclination Excursion or N/S Station-Keeping Tolerance: 0.05 Degrees	Range of orbital are in which adequate service can be provided (Optional): Degrees E/W g. Westernmost: h. Easternmost:	
i. Reason for service are selection (Optional):			

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S4. ORBITAL INFORMATION FOR NON-GEOSTATIONARY SATELLITES ONLY

S4a. Total Number of Satellites in Network or System:

S4b. Total Number of Orbital Planes in Network or System:

S4c. Celestial Reference Body (Earth, Sun, Moon, etc.):

S4d. Orbit Epoch Date:

For each Orbital Plane Provide:

(e) Orbital Plane No.	(f) No. of Satellites in Plane	(g) Inclination Angle (degrees)	(h) Orbital Period (Seconds)	(i) Apogee (km)	(j) Perigee (km)	(k) Right Ascension of the Ascending Node (Deg.)	(l) Argument of Perigee (Degrees)	Active Service Arc Range (Degrees)		
								(m) Begin Angle	(n) End Angle	(o) Other

S5. INITIAL SATELLITE PHASE ANGLE For each satellite in each orbital plane, provide the intital phase angle.

(a) Orbital Plane No.	(b) Satellite Number	(c) Initial Phase Angle (Degrees)

NO NGSO DATA FILED

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S6. SERVICE AREA CHARACTERISTICS for each service area provide:

(a) Service Area ID	(b) Type of Associated Station (Earth or Space)	(c) Service Area Diagram File Name (GXT File)	(d) Service Area Description. Provide list of geographic areas (state postal codes or ITU 3-ltr codes), satellites or Figure No. of Service Area Diagram.
1	S		Europe Middle East and Africa
2	S		Asia and Australia
3	S		Europe and Northern Africa
4	S		North Asia
5	S		Southern Africa
6	S		Australia and Indonesia
7	S		Europe and Northern Africa and Australia and Indonesia
8	S		North Asia and Southern Africa
9	S		Global

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S7. SPACE STATION ANTENNA BEAM CHARACTERISTICS For each antenna beam provide:

(a) Beam ID	(b) T/R Mode	Isotropic Antenna Gain		(e) Pointing Error (Degrees)	(f) Rotational Error (Degrees)	(g) Min. Cross-Polar Isolation (dB)	(h) Polarization Switchable? (Y/N)	(i) Polarization Alignment Rel. Equatorial Plane (Degrees)	(j) Service Area ID	Transmit			Receive				
		(c) Peak (dBi)	(d) Edge (dBi)							(k) Input Losses (dB)	(l) Effective Output Power (W)	(m) Max. EIRP (dBW)	(n) System Noice Temp (k)	(o) G/T Max. Gain Pt. (db/K)	(p) Min. Saturation Flux Density (dBW/m2)	Input Attenuator (dB)	
																(q) Max. Value	(r) Step Size
GAU	R	20.3	16.3	0.14	0.12		N		9					-7	-91.9	14	1
GBU	R	20.3	16.3	0.14	0.12		N		9					-7	-91.3	14	1
WHU	R	24.1	18.1	0.14	0.12		N		1					-3	-92.1	14	1
EHU	R	25.6	19.6	0.14	0.12		N		2					-1.5	-92.7	14	1
NWU	R	26.8	22.8	0.14	0.12		N		3					-0.5	-92.4	14	1
NEU	R	28.7	24.7	0.14	0.12		N		4					0.9	-91.9	14	1
SWU	R	27.9	23.9	0.14	0.12		N		5					1	-91.6	14	1
SEUL	R	27	23	0.14	0.12		N		6					0	-92.5	14	1
X1UL	R	23.9	19.9	0.14	0.12		N		7					-3.5	-91.7	14	1
X2UL	R	24.9	20.9	0.14	0.12		N		8					-2.5	-90.8	14	1
CAU	R	30.3	26.3	0.14	0.12		N		9					3	-94	14	1
CBU	R	30.3	26.3	0.14	0.12		N		9					3	-93.9	14	1
S1UL	R	36.9	32.9	0.14	0.12		N	0	9					9.5	-92.9	14	1
S2UL	R	34.8	30.8	0.14	0.12		N	90	9					7	-92.9	14	1
S2AU	R	32.9	28.9	0.14	0.12		N	90	9					5	-93.1	14	1
S3UL	R	37.8	33.8	0.14	0.12		N	0	9					10	-91.8	14	1
S3XU	R	37.8	33.8	0.14	0.12		N	90	9					10	-91.8	14	1
CMD	R	8.3	5.7	0.14	0.12		N		9					-28.5	-107.4		
GAD	T	20.5	16.5	0.14	0.12		N		9			29.5					
GBD	T	20.5	16.5	0.14	0.12		N		9			30.5					
WHD	T	23.8	17.8	0.14	0.12		N		1			36.8					
EHD	T	27.5	21.5	0.14	0.12		N		2			38.3					
NWD	T	28.5	24.5	0.14	0.12		N		3			35.9					
NED	T	30.7	26.7	0.14	0.12		N		4			38.4					
SWD	T	28.5	24.5	0.14	0.12		N		5			36.7					
SEDL	T	28.1	24.1	0.14	0.12		N		6			38.5					
CAD	T	27.5	23.5	0.14	0.12		N		9			36.3					
CBD	T	27.5	23.5	0.14	0.12		N		9			36.8					
S1DL	T	36.2	32.2	0.14	0.12		N	90	9			50.1					

S2DL	T	34.5	30.5	0.14	0.12		N	0	9			49.1					
S2AD	T	32.7	28.7	0.14	0.12		N	0	9			47.2					
S3DL	T	36.6	32.6	0.14	0.12		N	90	9			50.5					
S3XD	T	36.6	32.6	0.14	0.12		N	0	9			50.5					
TLM	T	16.5	13.9	0.14	0.12		N		9			8.2					
TLM	T	-5.3	-6.3	0.14	0.12		N		9			0.7					
BNK1	T	16.7	14.1	0.14	0.12		N		9			8					
BNK2	T	36.2	26.2	0.14	0.12		N	90	9			20.2					
BNK3	T	34.5	24.5	0.14	0.12		N	0	9			20.1					
BNK4	T	32.7	22.7	0.14	0.12		N	0	9			18.3					
BNK5	T	36.6	26.6	0.14	0.12		N	90	9			19.8					
BNK6	T	36.6	26.6	0.14	0.12		N	90	9			19.8					
BNC	T	10.7	8.1	0.14	0.12		N	90	9			11.8					

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S8. ANTENNA BEAM DIAGRAMS For each beam pattern provide the reference to the graphic image and numerical data:
Also provide the power flux density levels in each beam that result from the emission with the highest power flux density.

(a) Beam ID	(b) T/R Mode	(c) Co-or Cross Polar Mode ("C" or" X")	(d) GSO Ref. Orbital Longitude (Deg. E/W)	(e) NGSO Antenna Gain Contour Description (Figure/Table/ Exhibit)	(f) GSO Antenna Gain Contour Data (GXT File)	Max. Power Flux Density (dBW/M2/Hz) At Angle of Arrival above horizontal (for emission with highest PFD)				
						(g) 5 Deg	(h) 10 Deg	(i) 15 Deg	(j) 20 Deg	(k) 25 Deg
GAU	R	C	54.85		gaul.gxt					
GBU	R	C	54.85		gbul.gxt					
WHU	R	C	54.85		whul.gxt					
EHU	R	C	54.85		ehul.gxt					
NWU	R	C	54.85		nwul.gxt					
NEU	R	C	54.85		neul.gxt					
SWU	R	C	54.85		swul.gxt					
SEUL	R	C	54.85		seul.gxt					
X1UL	R	C	54.85		x1ul.gxt					
X2UL	R	C	54.85		x2ul.gxt					
CAU	R	C	54.85		caul.gxt					
CBU	R	C	54.85		cbul.gxt					
S1UL	R	C	54.85		s1ul.gxt					
S2UL	R	C	54.85		s2ul.gxt					
S2AU	R	C	54.85		s2au.gxt					
S3UL	R	C	54.85		s3ul.gxt					
S3XU	R	C	54.85		s3xu.gxt					
CMD	R	C	54.85		cmd.gxt					
GAD	T	C	54.85		gadl.gxt	-163.8	-163.7	-163.5	-163.4	-163.3
GBD	T	C	54.85		gbdl.gxt	-162.8	-162.7	-162.5	-164.5	-162.3
WHD	T	C	54.85		whdl.gxt	-156.5	-156.4	-156.2	-156.1	-156
EHD	T	C	54.85		ehdl.gxt	-155	-154.9	-154.7	-154.6	-154.5
NWD	T	C	54.85		nwdl.gxt	-157.4	-157.3	-157.1	-157	-156.9
NED	T	C	54.85		nedl.gxt	-154.9	-154.8	-154.6	-154.5	-154.4
SWD	T	C	54.85		swdl.gxt	-156.6	-156.5	-156.3	-156.2	-156.1
SEDL	T	C	54.85		sedl.gxt	-154.8	-154.7	-154.5	-154.4	-154.3
CAD	T	C	54.85		cadl.gxt	-157	-156.9	-156.7	-156.6	-156.5
CBD	T	C	54.85		cbdl.gxt	-156.5	-156.4	-156.2	-156.1	-156

S1DL	T	C	54.85		s1dl.gxt	-150	-147.5	-145	-142.8	-142.7
S2DL	T	C	54.85		s2dl.gxt	-150	-147.5	-145	-143.8	-143.7
S2AD	T	C	54.85		s2ad.gxt	-150	-147.5	-145.8	-145.7	-145.6
S3DL	T	C	54.85		s3dl.gxt	-150	-147.5	-145	-142.5	-142.3
S3XD	T	C	54.85		s3xd.gxt	-150	-147.5	-145	-142.5	-142.3
TLM	T	C	54.85		tlmo.gxt	-173	-172.9	-172.8	-172.7	-172.6
TLM	T	C	54.85		tlmb.gxt	-180.5	-180.4	-180.3	-180.2	-180.1
BNK1	T	C	54.85		bnk1.gxt	-163.2	-163.1	-163	-162.9	-162.8
BNK2	T	C	54.85		bnk2.gxt	-151	-150.9	-150.8	-150.7	-150.6
BNK3	T	C	54.85		bnk3.gxt	-151.1	-151	-150.9	-150.8	-150.7
BNK4	T	C	54.85		bnk4.gxt	-152.9	-152.8	-152.7	-152.6	-152.5
BNK5	T	C	54.85		bnk5.gxt	-151.4	-151.3	-151.2	-151.1	-151
BNK6	T	C	54.85		bnk6.gxt	-151.4	-151.3	-151.2	-151.1	-151
BNC	T	C	54.85		bnc.gxt	-159.4	-159.3	-159.2	-159.1	-159

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S9. SPACE STATION CHANNELS For each frequency channel provide:

(a) Channel No.	(B) Assigned Bandwidth (kHz)	(c) T/R Mode	(d) Center Frequency (MHz)	(e) Polarization (H, V, L, R)	(f) TTC or Comm Channel (T or C)
AUA	36000	R	6280	L	C
AUB	36000	R	6320	L	C
AUC	36000	R	6360	L	C
AUD	41000	R	6402.5	L	C
BUA	36000	R	6280	R	C
BUB	36000	R	6320	R	C
BUC	36000	R	6360	R	C
BUD	41000	R	6402.5	R	C
CUA	36000	R	6280	L	C
CUB	36000	R	6320	L	C
CUC	36000	R	6360	L	C
CUD	41000	R	6402.5	L	C
DUA	36000	R	6280	R	C
DUB	36000	R	6320	R	C
DUC	36000	R	6360	R	C
DUD	41000	R	6402.5	R	C
EU1	77000	R	5967.5	L	C
EU2	72000	R	6050	L	C
EU3	34000	R	6111	L	C
EU4	34000	R	6149	L	C
EU5	72000	R	6130	L	C
EU6	72000	R	6220	L	C
EUA	36000	R	6280	L	C
FU1	77000	R	5967.5	L	C
FU2	72000	R	6050	L	C
FU3	34000	R	6111	L	C
FU4	34000	R	6149	L	C
FU5	72000	R	6130	L	C
FU6	72000	R	6220	L	C
FUA	36000	R	6280	L	C

S10. SPACE STATION TRANSPONDERS For each transponder provide:

(a) Transponder ID	(b) Transponder Gain (dB)	Receive Band		Transmit Band	
		(c) Channel No.	(d) Beam ID	(e) Channel No.	(f) Beam ID
AAAA	117.9	AUA	GAUL	ADA	GADL
AABB	117.9	AUB	GAUL	ADB	GADL
AACC	117.9	AUC	GAUL	ADC	GADL
AADD	117.9	AUD	GAUL	ADD	GADL
ACAA	117.7	AUA	GAUL	CDA	CADL
ACBB	117.7	AUB	GAUL	CDB	CADL
ACCC	117.7	AUC	GAUL	CDC	CADL
ACDD	117.7	AUD	GAUL	CDD	CADL
AEAA	121.9	AUA	GAUL	EDA	WHDL
BBAA	118.3	BUA	GBUL	BDA	GBDL
BBBB	118.3	BUB	GBUL	BDB	GBDL
BBCC	118.3	BUC	GBUL	BDC	GBDL
BBDD	118.3	BUD	GBUL	BDD	GBDL
BDAA	117.6	BUA	GBUL	DDA	CBDL
BDBB	117.6	BUB	GBUL	DDB	CBDL
BDCC	117.6	BUC	GBUL	DDC	CBDL
BDDD	117.6	BUD	GBUL	DDD	CBDL
BFAA	119.1	BUA	GBUL	FDA	EHDL
CCAA	109.8	CUA	CAUL	CDA	CADL
CCBB	109.8	CUB	CAUL	CDB	CADL
CCCC	109.8	CUC	CAUL	CDC	CADL
CCDD	109.8	CUD	CAUL	CDD	CADL
CAAA	110	CUA	CAUL	ADA	GADL
CABB	110	CUB	CAUL	ADB	GADL
CACC	110	CUC	CAUL	ADC	GADL
CADD	110	CUD	CAUL	ADD	GADL
CEAA	114	CUA	CAUL	EDA	WHDL
DDAA	110.2	DUA	CBUL	DDA	CBDL
DDBB	110.2	DUB	CBUL	DDB	CBDL
DDCC	110.2	DUC	CBUL	DDC	CBDL

GU1	77000	R	5967.5	R	C
GU2	72000	R	6050	R	C
GU3	34000	R	6111	R	C
GU4	34000	R	6149	R	C
GU5	72000	R	6130	R	C
GU6	72000	R	6220	R	C
GUA	36000	R	6280	R	C
JU1	77000	R	5967.5	R	C
JU2	72000	R	6050	R	C
JU3	34000	R	6111	R	C
JU4	34000	R	6149	R	C
JU5	72000	R	6130	R	C
JU6	72000	R	6220	R	C
JUA	36000	R	6280	R	C
HU1	77000	R	5967.5	R	C
HU2	72000	R	6050	R	C
HU3	34000	R	6111	R	C
HU4	34000	R	6149	R	C
HU5	72000	R	6130	R	C
HU6	72000	R	6220	R	C
HUA	36000	R	6280	R	C
IU1	77000	R	5967.5	R	C
IU2	72000	R	6050	R	C
IU3	34000	R	6111	R	C
IU4	34000	R	6149	R	C
IU5	72000	R	6130	R	C
IU6	72000	R	6220	R	C
IUA	36000	R	6280	R	C
KU1	77000	R	5967.5	R	C
KU2	72000	R	6050	R	C
KU3	34000	R	6111	R	C
KU4	34000	R	6149	R	C
KU5	72000	R	6130	R	C
KU6	72000	R	6220	R	C
KUA	36000	R	6280	R	C
LU1	77000	R	5967.5	R	C
LU2	72000	R	6050	R	C
LU3	34000	R	6111	R	C
LU4	34000	R	6149	R	C

DDDD	110.2	DUD	CBUL	DDD	CBDL
DAAA	110.9	DUA	CBUL	ADA	GBDL
DABB	110.9	DUB	CBUL	ADB	GBDL
DACC	110.9	DUC	CBUL	ADC	GBDL
DADD	110.9	DUD	CBUL	ADD	GBDL
DEAA	111.7	DUA	CBUL	EDA	EHDL
EE11	118.3	EU1	WHUL	ED1	WHDL
EE22	118.3	EU2	WHUL	ED2	WHDL
EE33	118.3	EU3	WHUL	ED3	WHDL
EE44	118.3	EU4	WHUL	ED4	WHDL
EE55	118.3	EU5	WHUL	ED5	WHDL
EE66	118.3	EU6	WHUL	ED6	WHDL
EEAA	118.3	EUA	WHUL	EDA	WHDL
EF11	116.1	EU1	WHUL	FD1	EHDL
EF22	116.1	EU2	WHUL	FD2	EHDL
EF33	116.1	EU3	WHUL	FD3	EHDL
EF44	116.1	EU4	WHUL	FD4	EHDL
EF55	116.1	EU5	WHUL	FD5	EHDL
EF66	116.1	EU6	WHUL	FD6	EHDL
EFAA	116.1	EUA	WHUL	FDA	EHDL
EG11	112.7	EU1	WHUL	GD1	NWDL
EG22	112.7	EU2	WHUL	GD2	NWDL
EG33	112.7	EU3	WHUL	GD3	NWDL
EG44	112.7	EU4	WHUL	GD4	NWDL
EG55	112.7	EU5	WHUL	GD5	NWDL
EG66	112.7	EU6	WHUL	GD6	NWDL
EGAA	112.7	EUA	WHUL	GDA	NWDL
EJ11	115.7	EU1	WHUL	JD1	SEDL
EJ22	115.7	EU2	WHUL	JD2	SEDL
EJ33	115.7	EU3	WHUL	JD3	SEDL
EJ44	115.7	EU4	WHUL	JD4	SEDL
EJ55	115.7	EU5	WHUL	JD5	SEDL
EJ66	115.7	EU6	WHUL	JD6	SEDL
EJAA	115.7	EUA	WHUL	JDA	SEDL
EH11	113	EU1	WHUL	HD1	NEDL
EH22	113	EU2	WHUL	HD2	NEDL
EH33	113	EU3	WHUL	HD3	NEDL
EH44	113	EU4	WHUL	HD4	NEDL
EH55	113	EU5	WHUL	HD5	NEDL

LU5	72000	R	6130	R	C
LU6	72000	R	6220	R	C
LUA	36000	R	6280	R	C
SU1	77000	R	14042.5	H	C
SU2	72000	R	14125	H	C
SU3	34000	R	14186	H	C
SU4	34000	R	14224	H	C
SU5	72000	R	14205	H	C
SU6	112000	R	14314	H	C
SU7	112000	R	14438	H	C
UU1	77000	R	14042.5	V	C
UU2	72000	R	14125	V	C
UU3	34000	R	14186	V	C
UU4	34000	R	14224	V	C
UU5	72000	R	14205	V	C
UU6	112000	R	14314	V	C
UU7	112000	R	14438	V	C
YU1	77000	R	14042.5	V	C
YU2	72000	R	14125	V	C
YU3	34000	R	14186	V	C
YU4	34000	R	14224	V	C
YU5	72000	R	14205	V	C
YU6	112000	R	14314	V	C
YU7	112000	R	14438	V	C
WU1	77000	R	14042.5	H	C
WU2	72000	R	14125	H	C
WU3	34000	R	14186	H	C
WU4	34000	R	14224	H	C
WU5	72000	R	14205	H	C
WU6	112000	R	14314	H	C
WU7	112000	R	14438	H	C
XU1	77000	R	14042.5	V	C
XU2	72000	R	14125	V	C
XU3	34000	R	14186	V	C
XU4	34000	R	14224	V	C
XU5	72000	R	14205	V	C
XU6	112000	R	14314	V	C
XU7	112000	R	14438	V	C
SUC	72000	R	14295	H	C

EH66	113	EU6	WHUL	HD6	NEDL
EHAA	113	EUA	WHUL	HDA	NEDL
EI11	113.5	EU1	WHUL	ID1	SWDL
EI22	113.5	EU2	WHUL	ID2	SWDL
EI33	113.5	EU3	WHUL	ID3	SWDL
EI44	113.5	EU4	WHUL	ID4	SWDL
EI55	113.5	EU5	WHUL	ID5	SWDL
EI66	113.5	EU6	WHUL	ID6	SWDL
EIAA	113.5	EUA	WHUL	IDA	SWDL
EAAA	114.3	EUA	WHUL	ADA	GADL
ECAA	114.1	EUA	WHUL	CDA	CADL
FF11	115.2	FU1	EHUL	FD1	EHDL
FF22	115.2	FU2	EHUL	FD2	EHDL
FF33	115.2	FU3	EHUL	FD3	EHDL
FF44	115.2	FU4	EHUL	FD4	EHDL
FF55	115.2	FU5	EHUL	FD5	EHDL
FF66	115.2	FU6	EHUL	FD6	EHDL
FFAA	115.2	FUA	EHUL	FDA	EHDL
FE11	117.4	FU1	EHUL	ED1	WHDL
FE22	117.4	FU2	EHUL	ED2	WHDL
FE33	117.4	FU3	EHUL	ED3	WHDL
FE44	117.4	FU4	EHUL	ED4	WHDL
FE55	117.4	FU5	EHUL	ED5	WHDL
FE66	117.4	FU6	EHUL	ED6	WHDL
FEAA	117.4	FUA	EHUL	EDA	WHDL
FG11	111.8	FU1	EHUL	GD1	NWDL
FG22	111.8	FU2	EHUL	GD2	NWDL
FG33	111.8	FU3	EHUL	GD3	NWDL
FG44	111.8	FU4	EHUL	GD4	NWDL
FG55	111.8	FU5	EHUL	GD5	NWDL
FG66	111.8	FU6	EHUL	GD6	NWDL
FGAA	111.8	FUA	EHUL	GDA	NWDL
FJ11	114.8	FU1	EHUL	JD1	SEDL
FJ22	114.8	FU2	EHUL	JD2	SEDL
FJ33	114.8	FU3	EHUL	JD3	SEDL
FJ44	114.8	FU4	EHUL	JD4	SEDL
FJ55	114.8	FU5	EHUL	JD5	SEDL
FJ66	114.8	FU6	EHUL	JD6	SEDL
FJAA	114.8	FUA	EHUL	JDA	SEDL

UUC	72000	R	14295	V	C
YUC	72000	R	14295	V	C
WUC	72000	R	14295	H	C
XUC	72000	R	14295	V	C
ADA	36000	T	4055	R	C
ADB	36000	T	4095	R	C
ADC	36000	T	4135	R	C
ADD	41000	T	4177.5	R	C
CDA	36000	T	4055	R	C
CDB	36000	T	4095	R	C
CDC	36000	T	4135	R	C
CDD	41000	T	4177.5	R	C
EDA	36000	T	4055	R	C
BDA	36000	T	4055	L	C
BDB	36000	T	4095	L	C
BDC	36000	T	4135	L	C
BDD	41000	T	4177.5	L	C
DDA	36000	T	4055	L	C
DDB	36000	T	4095	L	C
DDC	36000	T	4135	L	C
DDD	41000	T	4177.5	L	C
FDA	36000	T	4055	R	C
ED1	77000	T	3742.5	R	C
ED2	72000	T	3825	R	C
ED3	34000	T	3886	R	C
ED4	34000	T	3924	R	C
ED5	72000	T	3905	R	C
ED6	72000	T	3995	R	C
FD1	77000	T	3742.5	R	C
FD2	72000	T	3825	R	C
FD3	34000	T	3886	R	C
FD4	34000	T	3924	R	C
FD5	72000	T	3905	R	C
FD6	72000	T	3995	R	C
GD1	77000	T	3742.5	L	C
GD2	72000	T	3825	L	C
GD3	34000	T	3886	L	C
GD4	34000	T	3924	L	C
GD5	72000	T	3905	L	C

FH11	112.1	FU1	EHUL	HD1	NEDL
FH22	112.1	FU2	EHUL	HD2	NEDL
FH33	112.1	FU3	EHUL	HD3	NEDL
FH44	112.1	FU4	EHUL	HD4	NEDL
FH55	112.1	FU5	EHUL	HD5	NEDL
FH66	112.1	FU6	EHUL	HD6	NEDL
FHAA	112.1	FUA	EHUL	HDA	NEDL
FI11	112.6	FU1	EHUL	ID1	SWDL
FI22	112.6	FU2	EHUL	ID2	SWDL
FI33	112.6	FU3	EHUL	ID3	SWDL
FI44	112.6	FU4	EHUL	ID4	SWDL
FI55	112.6	FU5	EHUL	ID5	SWDL
FI66	112.6	FU6	EHUL	ID6	SWDL
FIAA	112.6	FUA	EHUL	IDA	SWDL
FBAA	114.4	FUA	EHUL	BDA	GBDL
FDAA	113.7	FUA	EHUL	DDA	CBDL
GG11	110.3	GU1	NWUL	GD1	NWDL
GG22	110.3	GU2	NWUL	GD2	NWDL
GG33	110.3	GU3	NWUL	GD3	NWDL
GG44	110.3	GU4	NWUL	GD4	NWDL
GG55	110.3	GU5	NWUL	GD5	NWDL
GG66	110.3	GU6	NWUL	GD6	NWDL
GGAA	110.3	GUA	NWUL	GDA	NWDL
GJ11	113.3	GU1	NWUL	JD1	SEDL
GJ22	113.3	GU2	NWUL	JD2	SEDL
GJ33	113.3	GU3	NWUL	JD3	SEDL
GJ44	113.3	GU4	NWUL	JD4	SEDL
GJ55	113.3	GU5	NWUL	JD5	SEDL
GJ66	113.3	GU6	NWUL	JD6	SEDL
GJAA	113.3	GUA	NWUL	JDA	SEDL
GH11	110.6	GU1	NWUL	HD1	NEDL
GH22	110.6	GU2	NWUL	HD2	NEDL
GH33	110.6	GU3	NWUL	HD3	NEDL
GH44	110.6	GU4	NWUL	HD4	NEDL
GH55	110.6	GU5	NWUL	HD5	NEDL
GH66	110.6	GU6	NWUL	HD6	NEDL
GHAA	110.6	GUA	NWUL	HDA	NEDL
GI11	111.1	GU1	NWUL	ID1	SWDL
GI22	111.1	GU2	NWUL	ID2	SWDL

GD6	72000	T	3995	L	C
GDA	36000	T	4055	L	C
JD1	77000	T	3742.5	L	C
JD2	72000	T	3825	L	C
JD3	34000	T	3886	L	C
JD4	34000	T	3924	L	C
JD5	72000	T	3905	L	C
JD6	72000	T	3995	L	C
JDA	36000	T	4055	L	C
HD1	77000	T	3742.5	L	C
HD2	72000	T	3825	L	C
HD3	34000	T	3886	L	C
HD4	34000	T	3924	L	C
HD5	72000	T	3905	L	C
HD6	72000	T	3995	L	C
HDA	36000	T	4055	L	C
ID1	77000	T	3742.5	L	C
ID2	72000	T	3825	L	C
ID3	34000	T	3886	L	C
ID4	34000	T	3924	L	C
ID5	72000	T	3905	L	C
ID6	72000	T	3995	L	C
IDA	36000	T	4055	L	C
S1D1	77000	T	10992.5	V	C
S1D2	72000	T	11075	V	C
S1D3	34000	T	11136	V	C
S1D4	34000	T	11174	V	C
S1D5	72000	T	11155	V	C
S1D6	112000	T	11514	V	C
S1D7	112000	T	11638	V	C
U1D1	77000	T	10992.5	H	C
U1D2	72000	T	11075	H	C
U1D3	34000	T	11136	H	C
U1D4	34000	T	11174	H	C
U1D5	72000	T	11155	H	C
U1D6	112000	T	11514	H	C
U1D7	112000	T	11638	H	C
Y1D1	77000	T	10992.5	H	C
Y1D2	72000	T	11075	H	C

GI33	111.1	GU3	NWUL	ID3	SWDL
GI44	111.1	GU4	NWUL	ID4	SWDL
GI55	111.1	GU5	NWUL	ID5	SWDL
GI66	111.1	GU6	NWUL	ID6	SWDL
GIAA	111.1	GUA	NWUL	IDA	SWDL
GE11	115.9	GU1	NWUL	ED1	WHDL
GE22	115.9	GU2	NWUL	ED2	WHDL
GE33	115.9	GU3	NWUL	ED3	WHDL
GE44	115.9	GU4	NWUL	ED4	WHDL
GE55	115.9	GU5	NWUL	ED5	WHDL
GE66	115.9	GU6	NWUL	ED6	WHDL
GEAA	115.9	GUA	NWUL	EDA	WHDL
GF11	113.7	GU1	NWUL	FD1	EHDL
GF22	113.7	GU2	NWUL	FD2	EHDL
GF33	113.7	GU3	NWUL	FD3	EHDL
GF44	113.7	GU4	NWUL	FD4	EHDL
GF55	113.7	GU5	NWUL	FD5	EHDL
GF66	113.7	GU6	NWUL	FD6	EHDL
GFAA	113.7	GUA	NWUL	FDA	EHDL
JG11	110.2	JU1	SEUL	GD1	NWDL
JG22	110.2	JU2	SEUL	GD2	NWDL
JG33	110.2	JU3	SEUL	GD3	NWDL
JG44	110.2	JU4	SEUL	GD4	NWDL
JG55	110.2	JU5	SEUL	GD5	NWDL
JG66	110.2	JU6	SEUL	GD6	NWDL
JGAA	110.2	JUA	SEUL	GDA	NWDL
JJ11	113.2	JU1	SEUL	JD1	SEDL
JJ22	113.2	JU2	SEUL	JD2	SEDL
JJ33	113.2	JU3	SEUL	JD3	SEDL
JJ44	113.2	JU4	SEUL	JD4	SEDL
JJ55	113.2	JU5	SEUL	JD5	SEDL
JJ66	113.2	JU6	SEUL	JD6	SEDL
JJAA	113.2	JUA	SEUL	JDA	SEDL
JH11	110.5	JU1	SEUL	HD1	NEDL
JH22	110.5	JU2	SEUL	HD2	NEDL
JH33	110.5	JU3	SEUL	HD3	NEDL
JH44	110.5	JU4	SEUL	HD4	NEDL
JH55	110.5	JU5	SEUL	HD5	NEDL
JH66	110.5	JU6	SEUL	HD6	NEDL

Y1D3	34000	T	11136	H	C
Y1D4	34000	T	11174	H	C
Y1D5	72000	T	11155	H	C
Y1D6	112000	T	11514	H	C
Y1D7	112000	T	11638	H	C
W1D1	77000	T	10992.5	V	C
W1D2	72000	T	11075	V	C
W1D3	34000	T	11136	V	C
W1D4	34000	T	11174	V	C
W1D5	72000	T	11155	V	C
W1D6	112000	T	11514	V	C
W1D7	112000	T	11638	V	C
X1D1	77000	T	10992.5	H	C
X1D2	72000	T	11075	H	C
X1D3	34000	T	11136	H	C
X1D4	34000	T	11174	H	C
X1D5	72000	T	11155	H	C
X1D6	112000	T	11514	H	C
X1D7	112000	T	11638	H	C
S2D1	77000	T	12547.5	V	C
S2D2	72000	T	12630	V	C
S2D3	34000	T	12691	V	C
S2D4	34000	T	12729	V	C
S2D5	72000	T	12710	V	C
S2D6	112000	T	11514	V	C
S2D7	112000	T	11638	V	C
U2D1	77000	T	12547.5	H	C
U2D2	72000	T	12630	H	C
U2D3	34000	T	12691	H	C
U2D4	34000	T	12729	H	C
U2D5	72000	T	12710	H	C
U2D6	112000	T	11514	H	C
U2D7	112000	T	11638	H	C
Y2D1	77000	T	12547.5	H	C
Y2D2	72000	T	12630	H	C
Y2D3	34000	T	12691	H	C
Y2D4	34000	T	12729	H	C
Y2D5	72000	T	12710	H	C
Y2D6	112000	T	11514	H	C

JHAA	110.5	JUA	SEUL	HDA	NEDL
JI11	111	JU1	SEUL	ID1	SWDL
JI22	111	JU2	SEUL	ID2	SWDL
JI33	111	JU3	SEUL	ID3	SWDL
JI44	111	JU4	SEUL	ID4	SWDL
JI55	111	JU5	SEUL	ID5	SWDL
JI66	111	JU6	SEUL	ID6	SWDL
JIAA	111	JUA	SEUL	IDA	SWDL
JE11	115.8	JU1	SEUL	ED1	WHDL
JE22	115.8	JU2	SEUL	ED2	WHDL
JE33	115.8	JU3	SEUL	ED3	WHDL
JE44	115.8	JU4	SEUL	ED4	WHDL
JE55	115.8	JU5	SEUL	ED5	WHDL
JE66	115.8	JU6	SEUL	ED6	WHDL
JEAA	115.8	JUA	SEUL	EDA	WHDL
JF11	113.6	JU1	SEUL	FD1	EHDL
JF22	113.6	JU2	SEUL	FD2	EHDL
JF33	113.6	JU3	SEUL	FD3	EHDL
JF44	113.6	JU4	SEUL	FD4	EHDL
JF55	113.6	JU5	SEUL	FD5	EHDL
JF66	113.6	JU6	SEUL	FD6	EHDL
JFAA	113.6	JUA	SEUL	FDA	EHDL
HG11	107.9	HU1	NEUL	GD1	NWDL
HG22	107.9	HU2	NEUL	GD2	NWDL
HG33	107.9	HU3	NEUL	GD3	NWDL
HG44	107.9	HU4	NEUL	GD4	NWDL
HG55	107.9	HU5	NEUL	GD5	NWDL
HG66	107.9	HU6	NEUL	GD6	NWDL
HGAA	107.9	HUA	NEUL	GDA	NWDL
HJ11	110.9	HU1	NEUL	JD1	SEDL
HJ22	110.9	HU2	NEUL	JD2	SEDL
HJ33	110.9	HU3	NEUL	JD3	SEDL
HJ44	110.9	HU4	NEUL	JD4	SEDL
HJ55	110.9	HU5	NEUL	JD5	SEDL
HJ66	110.9	HU6	NEUL	JD6	SEDL
HJAA	110.9	HUA	NEUL	JDA	SEDL
HH11	108.2	HU1	NEUL	HD1	NEDL
HH22	108.2	HU2	NEUL	HD2	NEDL
HH33	108.2	HU3	NEUL	HD3	NEDL

Y2D7	112000	T	11638	H	C
W2D1	77000	T	12547.5	V	C
W2D2	72000	T	12630	V	C
W2D3	34000	T	12691	V	C
W2D4	34000	T	12729	V	C
W2D5	72000	T	12710	V	C
W2D6	112000	T	11514	V	C
W2D7	112000	T	11638	V	C
X2D1	77000	T	12547.5	H	C
X2D2	72000	T	12630	H	C
X2D3	34000	T	12691	H	C
X2D4	34000	T	12729	H	C
X2D5	72000	T	12710	H	C
X2D6	112000	T	11514	H	C
X2D7	112000	T	11638	H	C
S3D1	77000	T	11747.5	V	C
S3D2	72000	T	11830	V	C
S3D3	34000	T	11891	V	C
S3D4	34000	T	11929	V	C
S3D5	72000	T	11910	V	C
S3D6	112000	T	11514	V	C
S3D7	112000	T	11638	V	C
U3D1	77000	T	11747.5	H	C
U3D2	72000	T	11830	H	C
U3D3	34000	T	11891	H	C
U3D4	34000	T	11929	H	C
U3D5	72000	T	11910	H	C
U3D6	112000	T	11514	H	C
U3D7	112000	T	11638	H	C
Y3D1	77000	T	11747.5	H	C
Y3D2	72000	T	11830	H	C
Y3D3	34000	T	11891	H	C
Y3D4	34000	T	11929	H	C
Y3D5	72000	T	11910	H	C
Y3D6	112000	T	11514	H	C
Y3D7	112000	T	11638	H	C
W3D1	77000	T	11747.5	V	C
W3D2	72000	T	11830	V	C
W3D3	34000	T	11891	V	C

HH44	108.2	HU4	NEUL	HD4	NEDL
HH55	108.2	HU5	NEUL	HD5	NEDL
HH66	108.2	HU6	NEUL	HD6	NEDL
HHAA	108.2	HUA	NEUL	HDA	NEDL
HI11	108.7	HU1	NEUL	ID1	SWDL
HI22	108.7	HU2	NEUL	ID2	SWDL
HI33	108.7	HU3	NEUL	ID3	SWDL
HI44	108.7	HU4	NEUL	ID4	SWDL
HI55	108.7	HU5	NEUL	ID5	SWDL
HI66	108.7	HU6	NEUL	ID6	SWDL
HIAA	108.7	HUA	NEUL	IDA	SWDL
HE11	113.5	HU1	NEUL	ED1	WHDL
HE22	113.5	HU2	NEUL	ED2	WHDL
HE33	113.5	HU3	NEUL	ED3	WHDL
HE44	113.5	HU4	NEUL	ED4	WHDL
HE55	113.5	HU5	NEUL	ED5	WHDL
HE66	113.5	HU6	NEUL	ED6	WHDL
HEAA	113.5	HUA	NEUL	EDA	WHDL
HF11	111.3	HU1	NEUL	FD1	EHDL
HF22	111.3	HU2	NEUL	FD2	EHDL
HF33	111.3	HU3	NEUL	FD3	EHDL
HF44	111.3	HU4	NEUL	FD4	EHDL
HF55	111.3	HU5	NEUL	FD5	EHDL
HF66	111.3	HU6	NEUL	FD6	EHDL
HFAA	111.3	HUA	NEUL	FDA	EHDL
IG11	108.4	IU1	SWUL	GD1	NWDL
IG22	108.4	IU2	SWUL	GD2	NWDL
IG33	108.4	IU3	SWUL	GD3	NWDL
IG44	108.4	IU4	SWUL	GD4	NWDL
IG55	108.4	IU5	SWUL	GD5	NWDL
IG66	108.4	IU6	SWUL	GD6	NWDL
IGAA	108.4	IUA	SWUL	GDA	NWDL
IJ11	111.4	IU1	SWUL	JD1	SEDL
IJ22	111.4	IU2	SWUL	JD2	SEDL
IJ33	111.4	IU3	SWUL	JD3	SEDL
IJ44	111.4	IU4	SWUL	JD4	SEDL
IJ55	111.4	IU5	SWUL	JD5	SEDL
IJ66	111.4	IU6	SWUL	JD6	SEDL
IJAA	111.4	IUA	SWUL	JDA	SEDL

W3D4	34000	T	11929	V	C
W3D5	72000	T	11910	V	C
W3D6	112000	T	11514	V	C
W3D7	112000	T	11638	V	C
X3D1	77000	T	11747.5	H	C
X3D2	72000	T	11830	H	C
X3D3	34000	T	11891	H	C
X3D4	34000	T	11929	H	C
X3D5	72000	T	11910	H	C
X3D6	112000	T	11514	H	C
X3D7	112000	T	11638	H	C
S1DC	72000	T	11495	V	C
U1DC	72000	T	11495	H	C
Y1DC	72000	T	11495	H	C
W1DC	72000	T	11495	V	C
X1DC	72000	T	11495	H	C
S2DC	72000	T	11495	V	C
U2DC	72000	T	11495	H	C
Y2DC	72000	T	11495	H	C
W2DC	72000	T	11495	V	C
X2DC	72000	T	11495	H	C
S3DC	72000	T	11495	V	C
U3DC	72000	T	11495	H	C
Y3DC	72000	T	11495	H	C
W3DC	72000	T	11495	V	C
X3DC	72000	T	11495	H	C
CMD1	1000	R	6173.7	L	T
CMD2	1000	R	6176.3	L	T
TLM1	500	T	3947.5	R	T
TLM2	500	T	3952.5	R	T
TLM3	500	T	3948	R	T
TLM4	500	T	3952	R	T
BC1	25	T	3950	V	T
BK1	25	T	11198	R	T
BK2	25	T	11452	R	T
BK3	25	T	11701	V	T
BK4	25	T	11701	H	T
BK5	25	T	11701	H	T
BK6	25	T	11701	V	T

IH11	108.7	IU1	SWUL	HD1	NEDL
IH22	108.7	IU2	SWUL	HD2	NEDL
IH33	108.7	IU3	SWUL	HD3	NEDL
IH44	108.7	IU4	SWUL	HD4	NEDL
IH55	108.7	IU5	SWUL	HD5	NEDL
IH66	108.7	IU6	SWUL	HD6	NEDL
IHAA	108.7	IUA	SWUL	HDA	NEDL
II11	109.2	IU1	SWUL	ID1	SWDL
II22	109.2	IU2	SWUL	ID2	SWDL
II33	109.2	IU3	SWUL	ID3	SWDL
II44	109.2	IU4	SWUL	ID4	SWDL
II55	109.2	IU5	SWUL	ID5	SWDL
II66	109.2	IU6	SWUL	ID6	SWDL
IIAA	109.2	IUA	SWUL	IDA	SWDL
IE11	114	IU1	SWUL	ED1	WHDL
IE22	114	IU2	SWUL	ED2	WHDL
IE33	114	IU3	SWUL	ED3	WHDL
IE44	114	IU4	SWUL	ED4	WHDL
IE55	114	IU5	SWUL	ED5	WHDL
IE66	114	IU6	SWUL	ED6	WHDL
IEAA	114	IUA	SWUL	EDA	WHDL
IF11	111.8	IU1	SWUL	FD1	EHDL
IF22	111.8	IU2	SWUL	FD2	EHDL
IF33	111.8	IU3	SWUL	FD3	EHDL
IF44	111.8	IU4	SWUL	FD4	EHDL
IF55	111.8	IU5	SWUL	FD5	EHDL
IF66	111.8	IU6	SWUL	FD6	EHDL
IFAA	111.8	IUA	SWUL	FDA	EHDL
KG11	112.5	KU1	X1UL	GD1	NWDL
KG22	112.5	KU2	X1UL	GD2	NWDL
KG33	112.5	KU3	X1UL	GD3	NWDL
KG44	112.5	KU4	X1UL	GD4	NWDL
KG55	112.5	KU5	X1UL	GD5	NWDL
KG66	112.5	KU6	X1UL	GD6	NWDL
KGAA	112.5	KUA	X1UL	GDA	NWDL
KJ11	115.5	KU1	X1UL	JD1	SEDL
KJ22	115.5	KU2	X1UL	JD2	SEDL
KJ33	115.5	KU3	X1UL	JD3	SEDL
KJ44	115.5	KU4	X1UL	JD4	SEDL

BK7	25	T	11701	H	T
BK8	25	T	12501	V	T
BK9	25	T	12501	H	T
BK10	25	T	12501	H	T
BK11	25	T	12501	V	T
BK12	25	T	12501	H	T

KJ55	115.5	KU5	X1UL	JD5	SEDL
KJ66	115.5	KU6	X1UL	JD6	SEDL
KJAA	115.5	KUA	X1UL	JDA	SEDL
KH11	112.8	KU1	X1UL	HD1	NEDL
KH22	112.8	KU2	X1UL	HD2	NEDL
KH33	112.8	KU3	X1UL	HD3	NEDL
KH44	112.8	KU4	X1UL	HD4	NEDL
KH55	112.8	KU5	X1UL	HD5	NEDL
KH66	112.8	KU6	X1UL	HD6	NEDL
KHAA	112.8	KUA	X1UL	HDA	NEDL
KI11	113.3	KU1	X1UL	ID1	SWDL
KI22	113.3	KU2	X1UL	ID2	SWDL
KI33	113.3	KU3	X1UL	ID3	SWDL
KI44	113.3	KU4	X1UL	ID4	SWDL
KI55	113.3	KU5	X1UL	ID5	SWDL
KI66	113.3	KU6	X1UL	ID6	SWDL
KIAA	113.3	KUA	X1UL	IDA	SWDL
KE11	118.1	KU1	X1UL	ED1	WHDL
KE22	118.1	KU2	X1UL	ED2	WHDL
KE33	118.1	KU3	X1UL	ED3	WHDL
KE44	118.1	KU4	X1UL	ED4	WHDL
KE55	118.1	KU5	X1UL	ED5	WHDL
KE66	118.1	KU6	X1UL	ED6	WHDL
KEAA	118.1	KUA	X1UL	EDA	WHDL
KF11	115.9	KU1	X1UL	FD1	EHDL
KF22	115.9	KU2	X1UL	FD2	EHDL
KF33	115.9	KU3	X1UL	FD3	EHDL
KF44	115.9	KU4	X1UL	FD4	EHDL
KF55	115.9	KU5	X1UL	FD5	EHDL
KF66	115.9	KU6	X1UL	FD6	EHDL
KFAA	115.9	KUA	X1UL	FDA	EHDL
LG11	110.6	LU1	X2UL	GD1	NWDL
LG22	110.6	LU2	X2UL	GD2	NWDL
LG33	110.6	LU3	X2UL	GD3	NWDL
LG44	110.6	LU4	X2UL	GD4	NWDL
LG55	110.6	LU5	X2UL	GD5	NWDL
LG66	110.6	LU6	X2UL	GD6	NWDL
LGAA	110.6	LUA	X2UL	GDA	NWDL
LJ11	113.6	LU1	X2UL	JD1	SEDL

LJ22	113.6	LU2	X2UL	JD2	SEDL
LJ33	113.6	LU3	X2UL	JD3	SEDL
LJ44	113.6	LU4	X2UL	JD4	SEDL
LJ55	113.6	LU5	X2UL	JD5	SEDL
LJ66	113.6	LU6	X2UL	JD6	SEDL
LJAA	113.6	LUA	X2UL	JDA	SEDL
LH11	110.9	LU1	X2UL	HD1	NEDL
LH22	110.9	LU2	X2UL	HD2	NEDL
LH33	110.9	LU3	X2UL	HD3	NEDL
LH44	110.9	LU4	X2UL	HD4	NEDL
LH55	110.9	LU5	X2UL	HD5	NEDL
LH66	110.9	LU6	X2UL	HD6	NEDL
LHAA	110.9	LUA	X2UL	HDA	NEDL
LI11	111.4	LU1	X2UL	ID1	SWDL
LI22	111.4	LU2	X2UL	ID2	SWDL
LI33	111.4	LU3	X2UL	ID3	SWDL
LI44	111.4	LU4	X2UL	ID4	SWDL
LI55	111.4	LU5	X2UL	ID5	SWDL
LI66	111.4	LU6	X2UL	ID6	SWDL
LIAA	111.4	LUA	X2UL	IDA	SWDL
LE11	116.2	LU1	X2UL	ED1	WHDL
LE22	116.2	LU2	X2UL	ED2	WHDL
LE33	116.2	LU3	X2UL	ED3	WHDL
LE44	116.2	LU4	X2UL	ED4	WHDL
LE55	116.2	LU5	X2UL	ED5	WHDL
LE66	116.2	LU6	X2UL	ED6	WHDL
LEAA	116.2	LUA	X2UL	EDA	WHDL
LF11	114	LU1	X2UL	FD1	EHDL
LF22	114	LU2	X2UL	FD2	EHDL
LF33	114	LU3	X2UL	FD3	EHDL
LF44	114	LU4	X2UL	FD4	EHDL
LF55	114	LU5	X2UL	FD5	EHDL
LF66	114	LU6	X2UL	FD6	EHDL
LFAA	114	LUA	X2UL	FDA	EHDL
SS11	114.4	SU1	S1UL	S1D1	S1DL
SS12	114.4	SU2	S1UL	S1D2	S1DL
SS13	114.4	SU3	S1UL	S1D3	S1DL
SS14	114.4	SU4	S1UL	S1D4	S1DL
SS15	114.4	SU5	S1UL	S1D5	S1DL

SS16	114.4	SU6	S1UL	S1D6	S1DL
SS17	114.4	SU7	S1UL	S1D7	S1DL
SU11	115.1	SU1	S1UL	U1D1	S2DL
SU12	115.1	SU2	S1UL	U1D2	S2DL
SU13	115.1	SU3	S1UL	U1D3	S2DL
SU14	115.1	SU4	S1UL	U1D4	S2DL
SU15	115.1	SU5	S1UL	U1D5	S2DL
SU16	115.1	SU6	S1UL	U1D6	S2DL
SU17	115.1	SU7	S1UL	U1D7	S2DL
SY11	115	SU1	S1UL	Y1D1	S2AD
SY12	115	SU2	S1UL	Y1D2	S2AD
SY13	115	SU3	S1UL	Y1D3	S2AD
SY14	115	SU4	S1UL	Y1D4	S2AD
SY15	115	SU5	S1UL	Y1D5	S2AD
SY16	115	SU6	S1UL	Y1D6	S2AD
SY17	115	SU7	S1UL	Y1D7	S2AD
SW11	114.4	SU1	S1UL	W1D1	S3DL
SW12	114.4	SU2	S1UL	W1D2	S3DL
SW13	114.4	SU3	S1UL	W1D3	S3DL
SW14	114.4	SU4	S1UL	W1D4	S3DL
SW15	114.4	SU5	S1UL	W1D5	S3DL
SW16	114.4	SU6	S1UL	W1D6	S3DL
SW17	114.4	SU7	S1UL	W1D7	S3DL
SX11	114.4	SU1	S1UL	X1D1	S3XD
SX12	114.4	SU2	S1UL	X1D2	S3XD
SX13	114.4	SU3	S1UL	X1D3	S3XD
SX14	114.4	SU4	S1UL	X1D4	S3XD
SX15	114.4	SU5	S1UL	X1D5	S3XD
SX16	114.4	SU6	S1UL	X1D6	S3XD
SX17	114.4	SU7	S1UL	X1D7	S3XD
US11	116.5	UU1	S2UL	S1D1	S1DL
US12	116.5	UU2	S2UL	S1D2	S1DL
US13	116.5	UU3	S2UL	S1D3	S1DL
US14	116.5	UU4	S2UL	S1D4	S1DL
US15	116.5	UU5	S2UL	S1D5	S1DL
US16	116.5	UU6	S2UL	S1D6	S1DL
US17	116.5	UU7	S2UL	S1D7	S1DL
UU11	117.2	UU1	S2UL	U1D1	S2DL
UU12	117.2	UU2	S2UL	U1D2	S2DL

UU13	117.2	UU3	S2UL	U1D3	S2DL
UU14	117.2	UU4	S2UL	U1D4	S2DL
UU15	117.2	UU5	S2UL	U1D5	S2DL
UU16	117.2	UU6	S2UL	U1D6	S2DL
UU17	117.2	UU7	S2UL	U1D7	S2DL
UY11	117.1	UU1	S2UL	Y1D1	S2AD
UY12	117.1	UU2	S2UL	Y1D2	S2AD
UY13	117.1	UU3	S2UL	Y1D3	S2AD
UY14	117.1	UU4	S2UL	Y1D4	S2AD
UY15	117.1	UU5	S2UL	Y1D5	S2AD
UY16	117.1	UU6	S2UL	Y1D6	S2AD
UY17	117.1	UU7	S2UL	Y1D7	S2AD
UW11	116.5	UU1	S2UL	W1D1	S3DL
UW12	116.5	UU2	S2UL	W1D2	S3DL
UW13	116.5	UU3	S2UL	W1D3	S3DL
UW14	116.5	UU4	S2UL	W1D4	S3DL
UW15	116.5	UU5	S2UL	W1D5	S3DL
UW16	116.5	UU6	S2UL	W1D6	S3DL
UW17	116.5	UU7	S2UL	W1D7	S3DL
UX11	116.5	UU1	S2UL	X1D1	S3XD
UX12	116.5	UU2	S2UL	X1D2	S3XD
UX13	116.5	UU3	S2UL	X1D3	S3XD
UX14	116.5	UU4	S2UL	X1D4	S3XD
UX15	116.5	UU5	S2UL	X1D5	S3XD
UX16	116.5	UU6	S2UL	X1D6	S3XD
UX17	116.5	UU7	S2UL	X1D7	S3XD
YS11	118.6	YU1	S2AU	S1D1	S1DL
YS12	118.6	YU2	S2AU	S1D2	S1DL
YS13	118.6	YU3	S2AU	S1D3	S1DL
YS14	118.6	YU4	S2AU	S1D4	S1DL
YS15	118.6	YU5	S2AU	S1D5	S1DL
YS16	118.6	YU6	S2AU	S1D6	S1DL
YS17	118.6	YU7	S2AU	S1D7	S1DL
YU11	119.3	YU1	S2AU	U1D1	S2DL
YU12	119.3	YU2	S2AU	U1D2	S2DL
YU13	119.3	YU3	S2AU	U1D3	S2DL
YU14	119.3	YU4	S2AU	U1D4	S2DL
YU15	119.3	YU5	S2AU	U1D5	S2DL
YU16	119.3	YU6	S2AU	U1D6	S2DL

YU17	119.3	YU7	S2AU	U1D7	S2DL
YY11	119.2	YU1	S2AU	Y1D1	S2AD
YY12	119.2	YU2	S2AU	Y1D2	S2AD
YY13	119.2	YU3	S2AU	Y1D3	S2AD
YY14	119.2	YU4	S2AU	Y1D4	S2AD
YY15	119.2	YU5	S2AU	Y1D5	S2AD
YY16	119.2	YU6	S2AU	Y1D6	S2AD
YY17	119.2	YU7	S2AU	Y1D7	S2AD
YW11	118.6	YU1	S2AU	W1D1	S3DL
YW12	118.6	YU2	S2AU	W1D2	S3DL
YW13	118.6	YU3	S2AU	W1D3	S3DL
YW14	118.6	YU4	S2AU	W1D4	S3DL
YW15	118.6	YU5	S2AU	W1D5	S3DL
YW16	118.6	YU6	S2AU	W1D6	S3DL
YW17	118.6	YU7	S2AU	W1D7	S3DL
YX11	118.6	YU1	S2AU	X1D1	S3XD
YX12	118.6	YU2	S2AU	X1D2	S3XD
YX13	118.6	YU3	S2AU	X1D3	S3XD
YX14	118.6	YU4	S2AU	X1D4	S3XD
YX15	118.6	YU5	S2AU	X1D5	S3XD
YX16	118.6	YU6	S2AU	X1D6	S3XD
YX17	118.6	YU7	S2AU	X1D7	S3XD
WS11	112.4	WU1	S3UL	S1D1	S1DL
WS12	112.4	WU2	S3UL	S1D2	S1DL
WS13	112.4	WU3	S3UL	S1D3	S1DL
WS14	112.4	WU4	S3UL	S1D4	S1DL
WS15	112.4	WU5	S3UL	S1D5	S1DL
WS16	112.4	WU6	S3UL	S1D6	S1DL
WS17	112.4	WU7	S3UL	S1D7	S1DL
WU11	113.1	WU1	S3UL	U1D1	S2DL
WU12	113.1	WU2	S3UL	U1D2	S2DL
WU13	113.1	WU3	S3UL	U1D3	S2DL
WU14	113.1	WU4	S3UL	U1D4	S2DL
WU15	113.1	WU5	S3UL	U1D5	S2DL
WU16	113.1	WU6	S3UL	U1D6	S2DL
WU17	113.1	WU7	S3UL	U1D7	S2DL
WY11	113	WU1	S3UL	Y1D1	S2AD
WY12	113	WU2	S3UL	Y1D2	S2AD
WY13	113	WU3	S3UL	Y1D3	S2AD

WY14	113	WU4	S3UL	Y1D4	S2AD
WY15	113	WU5	S3UL	Y1D5	S2AD
WY16	113	WU6	S3UL	Y1D6	S2AD
WY17	113	WU7	S3UL	Y1D7	S2AD
WW11	112.4	WU1	S3UL	W1D1	S3DL
WW12	112.4	WU2	S3UL	W1D2	S3DL
WW13	112.4	WU3	S3UL	W1D3	S3DL
WW14	112.4	WU4	S3UL	W1D4	S3DL
WW15	112.4	WU5	S3UL	W1D5	S3DL
WW16	112.4	WU6	S3UL	W1D6	S3DL
WW17	112.4	WU7	S3UL	W1D7	S3DL
XS11	112.4	XU1	S3XU	S1D1	S1DL
XS12	112.4	XU2	S3XU	S1D2	S1DL
XS13	112.4	XU3	S3XU	S1D3	S1DL
XS14	112.4	XU4	S3XU	S1D4	S1DL
XS15	112.4	XU5	S3XU	S1D5	S1DL
XS16	112.4	XU6	S3XU	S1D6	S1DL
XS17	112.4	XU7	S3XU	S1D7	S1DL
XU11	113.1	XU1	S3XU	U1D1	S2DL
XU12	113.1	XU2	S3XU	U1D2	S2DL
XU13	113.1	XU3	S3XU	U1D3	S2DL
XU14	113.1	XU4	S3XU	U1D4	S2DL
XU15	113.1	XU5	S3XU	U1D5	S2DL
XU16	113.1	XU6	S3XU	U1D6	S2DL
XU17	113.1	XU7	S3XU	U1D7	S2DL
XY11	113	XU1	S3XU	Y1D1	S2AD
XY12	113	XU2	S3XU	Y1D2	S2AD
XY13	113	XU3	S3XU	Y1D3	S2AD
XY14	113	XU4	S3XU	Y1D4	S2AD
XY15	113	XU5	S3XU	Y1D5	S2AD
XY16	113	XU6	S3XU	Y1D6	S2AD
XY17	113	XU7	S3XU	Y1D7	S2AD
XX11	112.4	XU1	S3XU	X1D1	S3XD
XX12	112.4	XU2	S3XU	X1D2	S3XD
XX13	112.4	XU3	S3XU	X1D3	S3XD
XX14	112.4	XU4	S3XU	X1D4	S3XD
XX15	112.4	XU5	S3XU	X1D5	S3XD
XX16	112.4	XU6	S3XU	X1D6	S3XD
XX17	112.4	XU7	S3XU	X1D7	S3XD

SS21	114.4	SU1	S1UL	S2D1	S1DL
SS22	114.4	SU2	S1UL	S2D2	S1DL
SS23	114.4	SU3	S1UL	S2D3	S1DL
SS24	114.4	SU4	S1UL	S2D4	S1DL
SS25	114.4	SU5	S1UL	S2D5	S1DL
SS26	114.4	SU6	S1UL	S2D6	S1DL
SS27	114.4	SU7	S1UL	S2D7	S1DL
SU21	115.1	SU1	S1UL	U2D1	S2DL
SU22	115.1	SU2	S1UL	U2D2	S2DL
SU23	115.1	SU3	S1UL	U2D3	S2DL
SU24	115.1	SU4	S1UL	U2D4	S2DL
SU25	115.1	SU5	S1UL	U2D5	S2DL
SU26	115.1	SU6	S1UL	U2D6	S2DL
SU27	115.1	SU7	S1UL	U2D7	S2DL
SY21	115	SU1	S1UL	Y2D1	S2AD
SY22	115	SU2	S1UL	Y2D2	S2AD
SY23	115	SU3	S1UL	Y2D3	S2AD
SY24	115	SU4	S1UL	Y2D4	S2AD
SY25	115	SU5	S1UL	Y2D5	S2AD
SY26	115	SU6	S1UL	Y2D6	S2AD
SY27	115	SU7	S1UL	Y2D7	S2AD
SW21	114.4	SU1	S1UL	W2D1	S3DL
SW22	114.4	SU2	S1UL	W2D2	S3DL
SW23	114.4	SU3	S1UL	W2D3	S3DL
SW24	114.4	SU4	S1UL	W2D4	S3DL
SW25	114.4	SU5	S1UL	W2D5	S3DL
SW26	114.4	SU6	S1UL	W2D6	S3DL
SW27	114.4	SU7	S1UL	W2D7	S3DL
SX21	114.4	SU1	S1UL	X2D1	S3XD
SX22	114.4	SU2	S1UL	X2D2	S3XD
SX23	114.4	SU3	S1UL	X2D3	S3XD
SX24	114.4	SU4	S1UL	X2D4	S3XD
SX25	114.4	SU5	S1UL	X2D5	S3XD
SX26	114.4	SU6	S1UL	X2D6	S3XD
SX27	114.4	SU7	S1UL	X2D7	S3XD
US21	116.5	UU1	S2UL	S2D1	S1DL
US22	116.5	UU2	S2UL	S2D2	S1DL
US23	116.5	UU3	S2UL	S2D3	S1DL
US24	116.5	UU4	S2UL	S2D4	S1DL

US25	116.5	UU5	S2UL	S2D5	S1DL
US26	116.5	UU6	S2UL	S2D6	S1DL
US27	116.5	UU7	S2UL	S2D7	S1DL
UU21	117.2	UU1	S2UL	U2D1	S2DL
UU22	117.2	UU2	S2UL	U2D2	S2DL
UU23	117.2	UU3	S2UL	U2D3	S2DL
UU24	117.2	UU4	S2UL	U2D4	S2DL
UU25	117.2	UU5	S2UL	U2D5	S2DL
UU26	117.2	UU6	S2UL	U2D6	S2DL
UU27	117.2	UU7	S2UL	U2D7	S2DL
UY21	117.1	UU1	S2UL	Y2D1	S2AD
UY22	117.1	UU2	S2UL	Y2D2	S2AD
UY23	117.1	UU3	S2UL	Y2D3	S2AD
UY24	117.1	UU4	S2UL	Y2D4	S2AD
UY25	117.1	UU5	S2UL	Y2D5	S2AD
UY26	117.1	UU6	S2UL	Y2D6	S2AD
UY27	117.1	UU7	S2UL	Y2D7	S2AD
UW21	116.5	UU1	S2UL	W2D1	S3DL
UW22	116.5	UU2	S2UL	W2D2	S3DL
UW23	116.5	UU3	S2UL	W2D3	S3DL
UW24	116.5	UU4	S2UL	W2D4	S3DL
UW25	116.5	UU5	S2UL	W2D5	S3DL
UW26	116.5	UU6	S2UL	W2D6	S3DL
UW27	116.5	UU7	S2UL	W2D7	S3DL
UX21	116.5	UU1	S2UL	X2D1	S3XD
UX22	116.5	UU2	S2UL	X2D2	S3XD
UX23	116.5	UU3	S2UL	X2D3	S3XD
UX24	116.5	UU4	S2UL	X2D4	S3XD
UX25	116.5	UU5	S2UL	X2D5	S3XD
UX26	116.5	UU6	S2UL	X2D6	S3XD
UX27	116.5	UU7	S2UL	X2D7	S3XD
YS21	118.6	YU1	S2AU	S2D1	S1DL
YS22	118.6	YU2	S2AU	S2D2	S1DL
YS23	118.6	YU3	S2AU	S2D3	S1DL
YS24	118.6	YU4	S2AU	S2D4	S1DL
YS25	118.6	YU5	S2AU	S2D5	S1DL
YS26	118.6	YU6	S2AU	S2D6	S1DL
YS27	118.6	YU7	S2AU	S2D7	S1DL
YU21	119.3	YU1	S2AU	U2D1	S2DL

YU22	119.3	YU2	S2AU	U2D2	S2DL
YU23	119.3	YU3	S2AU	U2D3	S2DL
YU24	119.3	YU4	S2AU	U2D4	S2DL
YU25	119.3	YU5	S2AU	U2D5	S2DL
YU26	119.3	YU6	S2AU	U2D6	S2DL
YU27	119.3	YU7	S2AU	U2D7	S2DL
YY21	119.2	YU1	S2AU	Y2D1	S2AD
YY22	119.2	YU2	S2AU	Y2D2	S2AD
YY23	119.2	YU3	S2AU	Y2D3	S2AD
YY24	119.2	YU4	S2AU	Y2D4	S2AD
YY25	119.2	YU5	S2AU	Y2D5	S2AD
YY26	119.2	YU6	S2AU	Y2D6	S2AD
YY27	119.2	YU7	S2AU	Y2D7	S2AD
YW21	118.6	YU1	S2AU	W2D1	S3DL
YW22	118.6	YU2	S2AU	W2D2	S3DL
YW23	118.6	YU3	S2AU	W2D3	S3DL
YW24	118.6	YU4	S2AU	W2D4	S3DL
YW25	118.6	YU5	S2AU	W2D5	S3DL
YW26	118.6	YU6	S2AU	W2D6	S3DL
YW27	118.6	YU7	S2AU	W2D7	S3DL
YX21	118.6	YU1	S2AU	X2D1	S3XD
YX22	118.6	YU2	S2AU	X2D2	S3XD
YX23	118.6	YU3	S2AU	X2D3	S3XD
YX24	118.6	YU4	S2AU	X2D4	S3XD
YX25	118.6	YU5	S2AU	X2D5	S3XD
YX26	118.6	YU6	S2AU	X2D6	S3XD
YX27	118.6	YU7	S2AU	X2D7	S3XD
WS21	112.4	WU1	S3UL	S2D1	S1DL
WS22	112.4	WU2	S3UL	S2D2	S1DL
WS23	112.4	WU3	S3UL	S2D3	S1DL
WS24	112.4	WU4	S3UL	S2D4	S1DL
WS25	112.4	WU5	S3UL	S2D5	S1DL
WS26	112.4	WU6	S3UL	S2D6	S1DL
WS27	112.4	WU7	S3UL	S2D7	S1DL
WU21	113.1	WU1	S3UL	U2D1	S2DL
WU22	113.1	WU2	S3UL	U2D2	S2DL
WU23	113.1	WU3	S3UL	U2D3	S2DL
WU24	113.1	WU4	S3UL	U2D4	S2DL
WU25	113.1	WU5	S3UL	U2D5	S2DL

WU26	113.1	WU6	S3UL	U2D6	S2DL
WU27	113.1	WU7	S3UL	U2D7	S2DL
WY21	113	WU1	S3UL	Y2D1	S2AD
WY22	113	WU2	S3UL	Y2D2	S2AD
WY23	113	WU3	S3UL	Y2D3	S2AD
WY24	113	WU4	S3UL	Y2D4	S2AD
WY25	113	WU5	S3UL	Y2D5	S2AD
WY26	113	WU6	S3UL	Y2D6	S2AD
WY27	113	WU7	S3UL	Y2D7	S2AD
WW21	112.4	WU1	S3UL	W2D1	S3DL
WW22	112.4	WU2	S3UL	W2D2	S3DL
WW23	112.4	WU3	S3UL	W2D3	S3DL
WW24	112.4	WU4	S3UL	W2D4	S3DL
WW25	112.4	WU5	S3UL	W2D5	S3DL
WW26	112.4	WU6	S3UL	W2D6	S3DL
WW27	112.4	WU7	S3UL	W2D7	S3DL
XS21	112.4	XU1	S3XU	S2D1	S1DL
XS22	112.4	XU2	S3XU	S2D2	S1DL
XS23	112.4	XU3	S3XU	S2D3	S1DL
XS24	112.4	XU4	S3XU	S2D4	S1DL
XS25	112.4	XU5	S3XU	S2D5	S1DL
XS26	112.4	XU6	S3XU	S2D6	S1DL
XS27	112.4	XU7	S3XU	S2D7	S1DL
XU21	113.1	XU1	S3XU	U2D1	S2DL
XU22	113.1	XU2	S3XU	U2D2	S2DL
XU23	113.1	XU3	S3XU	U2D3	S2DL
XU24	113.1	XU4	S3XU	U2D4	S2DL
XU25	113.1	XU5	S3XU	U2D5	S2DL
XU26	113.1	XU6	S3XU	U2D6	S2DL
XU27	113.1	XU7	S3XU	U2D7	S2DL
XY21	113	XU1	S3XU	Y2D1	S2AD
XY22	113	XU2	S3XU	Y2D2	S2AD
XY23	113	XU3	S3XU	Y2D3	S2AD
XY24	113	XU4	S3XU	Y2D4	S2AD
XY25	113	XU5	S3XU	Y2D5	S2AD
XY26	113	XU6	S3XU	Y2D6	S2AD
XY27	113	XU7	S3XU	Y2D7	S2AD
XX21	112.4	XU1	S3XU	X2D1	S3XD
XX22	112.4	XU2	S3XU	X2D2	S3XD

XX23	112.4	XU3	S3XU	X2D3	S3XD
XX24	112.4	XU4	S3XU	X2D4	S3XD
XX25	112.4	XU5	S3XU	X2D5	S3XD
XX26	112.4	XU6	S3XU	X2D6	S3XD
XX27	112.4	XU7	S3XU	X2D7	S3XD
SS31	114.4	SU1	S1UL	S3D1	S1DL
SS32	114.4	SU2	S1UL	S3D2	S1DL
SS33	114.4	SU3	S1UL	S3D3	S1DL
SS34	114.4	SU4	S1UL	S3D4	S1DL
SS35	114.4	SU5	S1UL	S3D5	S1DL
SS36	114.4	SU6	S1UL	S3D6	S1DL
SS37	114.4	SU7	S1UL	S3D7	S1DL
SU31	115.1	SU1	S1UL	U3D1	S2DL
SU32	115.1	SU2	S1UL	U3D2	S2DL
SU33	115.1	SU3	S1UL	U3D3	S2DL
SU34	115.1	SU4	S1UL	U3D4	S2DL
SU35	115.1	SU5	S1UL	U3D5	S2DL
SU36	115.1	SU6	S1UL	U3D6	S2DL
SU37	115.1	SU7	S1UL	U3D7	S2DL
SY31	115	SU1	S1UL	Y3D1	S2AD
SY32	115	SU2	S1UL	Y3D2	S2AD
SY33	115	SU3	S1UL	Y3D3	S2AD
SY34	115	SU4	S1UL	Y3D4	S2AD
SY35	115	SU5	S1UL	Y3D5	S2AD
SY36	115	SU6	S1UL	Y3D6	S2AD
SY37	115	SU7	S1UL	Y3D7	S2AD
SW31	114.4	SU1	S1UL	W3D1	S3DL
SW32	114.4	SU2	S1UL	W3D2	S3DL
SW33	114.4	SU3	S1UL	W3D3	S3DL
SW34	114.4	SU4	S1UL	W3D4	S3DL
SW35	114.4	SU5	S1UL	W3D5	S3DL
SW36	114.4	SU6	S1UL	W3D6	S3DL
SW37	114.4	SU7	S1UL	W3D7	S3DL
SX31	114.4	SU1	S1UL	X3D1	S3XD
SX32	114.4	SU2	S1UL	X3D2	S3XD
SX33	114.4	SU3	S1UL	X3D3	S3XD
SX34	114.4	SU4	S1UL	X3D4	S3XD
SX35	114.4	SU5	S1UL	X3D5	S3XD
SX36	114.4	SU6	S1UL	X3D6	S3XD

SX37	114.4	SU7	S1UL	X3D7	S3XD
US31	116.5	UU1	S2UL	S3D1	S1DL
US32	116.5	UU2	S2UL	S3D2	S1DL
US33	116.5	UU3	S2UL	S3D3	S1DL
US34	116.5	UU4	S2UL	S3D4	S1DL
US35	116.5	UU5	S2UL	S3D5	S1DL
US36	116.5	UU6	S2UL	S3D6	S1DL
US37	116.5	UU7	S2UL	S3D7	S1DL
UU31	117.2	UU1	S2UL	U3D1	S2DL
UU32	117.2	UU2	S2UL	U3D2	S2DL
UU33	117.2	UU3	S2UL	U3D3	S2DL
UU34	117.2	UU4	S2UL	U3D4	S2DL
UU35	117.2	UU5	S2UL	U3D5	S2DL
UU36	117.2	UU6	S2UL	U3D6	S2DL
UU37	117.2	UU7	S2UL	U3D7	S2DL
UY31	117.1	UU1	S2UL	Y3D1	S2AD
UY32	117.1	UU2	S2UL	Y3D2	S2AD
UY33	117.1	UU3	S2UL	Y3D3	S2AD
UY34	117.1	UU4	S2UL	Y3D4	S2AD
UY35	117.1	UU5	S2UL	Y3D5	S2AD
UY36	117.1	UU6	S2UL	Y3D6	S2AD
UY37	117.1	UU7	S2UL	Y3D7	S2AD
UW31	116.5	UU1	S2UL	W3D1	S3DL
UW32	116.5	UU2	S2UL	W3D2	S3DL
UW33	116.5	UU3	S2UL	W3D3	S3DL
UW34	116.5	UU4	S2UL	W3D4	S3DL
UW35	116.5	UU5	S2UL	W3D5	S3DL
UW36	116.5	UU6	S2UL	W3D6	S3DL
UW37	116.5	UU7	S2UL	W3D7	S3DL
UX31	116.5	UU1	S2UL	X3D1	S3XD
UX32	116.5	UU2	S2UL	X3D2	S3XD
UX33	116.5	UU3	S2UL	X3D3	S3XD
UX34	116.5	UU4	S2UL	X3D4	S3XD
UX35	116.5	UU5	S2UL	X3D5	S3XD
UX36	116.5	UU6	S2UL	X3D6	S3XD
UX37	116.5	UU7	S2UL	X3D7	S3XD
YS31	118.6	YU1	S2AU	S3D1	S1DL
YS32	118.6	YU2	S2AU	S3D2	S1DL
YS33	118.6	YU3	S2AU	S3D3	S1DL

YS34	118.6	YU4	S2AU	S3D4	S1DL
YS35	118.6	YU5	S2AU	S3D5	S1DL
YS36	118.6	YU6	S2AU	S3D6	S1DL
YS37	118.6	YU7	S2AU	S3D7	S1DL
YU31	119.3	YU1	S2AU	U3D1	S2DL
YU32	119.3	YU2	S2AU	U3D2	S2DL
YU33	119.3	YU3	S2AU	U3D3	S2DL
YU34	119.3	YU4	S2AU	U3D4	S2DL
YU35	119.3	YU5	S2AU	U3D5	S2DL
YU36	119.3	YU6	S2AU	U3D6	S2DL
YU37	119.3	YU7	S2AU	U3D7	S2DL
YY31	119.2	YU1	S2AU	Y3D1	S2AD
YY32	119.2	YU2	S2AU	Y3D2	S2AD
YY33	119.2	YU3	S2AU	Y3D3	S2AD
YY34	119.2	YU4	S2AU	Y3D4	S2AD
YY35	119.2	YU5	S2AU	Y3D5	S2AD
YY36	119.2	YU6	S2AU	Y3D6	S2AD
YY37	119.2	YU7	S2AU	Y3D7	S2AD
YW31	118.6	YU1	S2AU	W3D1	S3DL
YW32	118.6	YU2	S2AU	W3D2	S3DL
YW33	118.6	YU3	S2AU	W3D3	S3DL
YW34	118.6	YU4	S2AU	W3D4	S3DL
YW35	118.6	YU5	S2AU	W3D5	S3DL
YW36	118.6	YU6	S2AU	W3D6	S3DL
YW37	118.6	YU7	S2AU	W3D7	S3DL
YX31	118.6	YU1	S2AU	X3D1	S3XD
YX32	118.6	YU2	S2AU	X3D2	S3XD
YX33	118.6	YU3	S2AU	X3D3	S3XD
YX34	118.6	YU4	S2AU	X3D4	S3XD
YX35	118.6	YU5	S2AU	X3D5	S3XD
YX36	118.6	YU6	S2AU	X3D6	S3XD
YX37	118.6	YU7	S2AU	X3D7	S3XD
WS31	112.4	WU1	S3UL	S3D1	S1DL
WS32	112.4	WU2	S3UL	S3D2	S1DL
WS33	112.4	WU3	S3UL	S3D3	S1DL
WS34	112.4	WU4	S3UL	S3D4	S1DL
WS35	112.4	WU5	S3UL	S3D5	S1DL
WS36	112.4	WU6	S3UL	S3D6	S1DL
WS37	112.4	WU7	S3UL	S3D7	S1DL

WU31	113.1	WU1	S3UL	U3D1	S2DL
WU32	113.1	WU2	S3UL	U3D2	S2DL
WU33	113.1	WU3	S3UL	U3D3	S2DL
WU34	113.1	WU4	S3UL	U3D4	S2DL
WU35	113.1	WU5	S3UL	U3D5	S2DL
WU36	113.1	WU6	S3UL	U3D6	S2DL
WU37	113.1	WU7	S3UL	U3D7	S2DL
WY31	113	WU1	S3UL	Y3D1	S2AD
WY32	113	WU2	S3UL	Y3D2	S2AD
WY33	113	WU3	S3UL	Y3D3	S2AD
WY34	113	WU4	S3UL	Y3D4	S2AD
WY35	113	WU5	S3UL	Y3D5	S2AD
WY36	113	WU6	S3UL	Y3D6	S2AD
WY37	113	WU7	S3UL	Y3D7	S2AD
WW31	112.4	WU1	S3UL	W3D1	S3DL
WW32	112.4	WU2	S3UL	W3D2	S3DL
WW33	112.4	WU3	S3UL	W3D3	S3DL
WW34	112.4	WU4	S3UL	W3D4	S3DL
WW35	112.4	WU5	S3UL	W3D5	S3DL
WW36	112.4	WU6	S3UL	W3D6	S3DL
WW37	112.4	WU7	S3UL	W3D7	S3DL
XS31	112.4	XU1	S3XU	S3D1	S1DL
XS32	112.4	XU2	S3XU	S3D2	S1DL
XS33	112.4	XU3	S3XU	S3D3	S1DL
XS34	112.4	XU4	S3XU	S3D4	S1DL
XS35	112.4	XU5	S3XU	S3D5	S1DL
XS36	112.4	XU6	S3XU	S3D6	S1DL
XS37	112.4	XU7	S3XU	S3D7	S1DL
XU31	113.1	XU1	S3XU	U3D1	S2DL
XU32	113.1	XU2	S3XU	U3D2	S2DL
XU33	113.1	XU3	S3XU	U3D3	S2DL
XU34	113.1	XU4	S3XU	U3D4	S2DL
XU35	113.1	XU5	S3XU	U3D5	S2DL
XU36	113.1	XU6	S3XU	U3D6	S2DL
XU37	113.1	XU7	S3XU	U3D7	S2DL
XY31	113	XU1	S3XU	Y3D1	S2AD
XY32	113	XU2	S3XU	Y3D2	S2AD
XY33	113	XU3	S3XU	Y3D3	S2AD
XY34	113	XU4	S3XU	Y3D4	S2AD

XY35	113	XU5	S3XU	Y3D5	S2AD
XY36	113	XU6	S3XU	Y3D6	S2AD
XY37	113	XU7	S3XU	Y3D7	S2AD
XX31	112.4	XU1	S3XU	X3D1	S3XD
XX32	112.4	XU2	S3XU	X3D2	S3XD
XX33	112.4	XU3	S3XU	X3D3	S3XD
XX34	112.4	XU4	S3XU	X3D4	S3XD
XX35	112.4	XU5	S3XU	X3D5	S3XD
XX36	112.4	XU6	S3XU	X3D6	S3XD
XX37	112.4	XU7	S3XU	X3D7	S3XD
ES11	119.2	EU1	WHUL	S1D1	S1DL
ES12	119.2	EU2	WHUL	S1D2	S1DL
ES13	119.2	EU3	WHUL	S1D3	S1DL
ES14	119.2	EU4	WHUL	S1D4	S1DL
ES15	119.2	EU5	WHUL	S1D5	S1DL
ES1C	119.2	EU6	WHUL	S1DC	S1DL
EU11	119.9	EU1	WHUL	U1D1	S2DL
EU12	119.9	EU2	WHUL	U1D2	S2DL
EU13	119.9	EU3	WHUL	U1D3	S2DL
EU14	119.9	EU4	WHUL	U1D4	S2DL
EU15	119.9	EU5	WHUL	U1D5	S2DL
EU1C	119.9	EU6	WHUL	U1DC	S2DL
EY11	119.8	EU1	WHUL	Y1D1	S2AD
EY12	119.8	EU2	WHUL	Y1D2	S2AD
EY13	119.8	EU3	WHUL	Y1D3	S2AD
EY14	119.8	EU4	WHUL	Y1D4	S2AD
EY15	119.8	EU5	WHUL	Y1D5	S2AD
EY1C	119.8	EU6	WHUL	Y1DC	S2AD
EW11	119.2	EU1	WHUL	W1D1	S3DL
EW12	119.2	EU2	WHUL	W1D2	S3DL
EW13	119.2	EU3	WHUL	W1D3	S3DL
EW14	119.2	EU4	WHUL	W1D4	S3DL
EW15	119.2	EU5	WHUL	W1D5	S3DL
EW1C	119.2	EU6	WHUL	W1DC	S3DL
EX11	119.2	EU1	WHUL	X1D1	S3XD
EX12	119.2	EU2	WHUL	X1D2	S3XD
EX13	119.2	EU3	WHUL	X1D3	S3XD
EX14	119.2	EU4	WHUL	X1D4	S3XD
EX15	119.2	EU5	WHUL	X1D5	S3XD

EX1C	119.2	EU6	WHUL	X1DC	S3XD
FS11	118.3	FU1	EHUL	S1D1	S1DL
FS12	118.3	FU2	EHUL	S1D2	S1DL
FS13	118.3	FU3	EHUL	S1D3	S1DL
FS14	118.3	FU4	EHUL	S1D4	S1DL
FS15	118.3	FU5	EHUL	S1D5	S1DL
FS1C	118.3	FU6	EHUL	S1DC	S1DL
FU11	119	FU1	EHUL	U1D1	S2DL
FU12	119	FU2	EHUL	U1D2	S2DL
FU13	119	FU3	EHUL	U1D3	S2DL
FU14	119	FU4	EHUL	U1D4	S2DL
FU15	119	FU5	EHUL	U1D5	S2DL
FU1C	119	FU6	EHUL	U1DC	S2DL
FY11	118.9	FU1	EHUL	Y1D1	S2AD
FY12	118.9	FU2	EHUL	Y1D2	S2AD
FY13	118.9	FU3	EHUL	Y1D3	S2AD
FY14	118.9	FU4	EHUL	Y1D4	S2AD
FY15	118.9	FU5	EHUL	Y1D5	S2AD
FY1C	118.9	FU6	EHUL	Y1DC	S2AD
FW11	118.3	FU1	EHUL	W1D1	S3DL
FW12	118.3	FU2	EHUL	W1D2	S3DL
FW13	118.3	FU3	EHUL	W1D3	S3DL
FW14	118.3	FU4	EHUL	W1D4	S3DL
FW15	118.3	FU5	EHUL	W1D5	S3DL
FW1C	118.3	FU6	EHUL	W1DC	S3DL
FX11	118.3	FU1	EHUL	X1D1	S3XD
FX12	118.3	FU2	EHUL	X1D2	S3XD
FX13	118.3	FU3	EHUL	X1D3	S3XD
FX14	118.3	FU4	EHUL	X1D4	S3XD
FX15	118.3	FU5	EHUL	X1D5	S3XD
FX1C	118.3	FU6	EHUL	X1DC	S3XD
GS11	116.8	GU1	NWUL	S1D1	S1DL
GS12	116.8	GU2	NWUL	S1D2	S1DL
GS13	116.8	GU3	NWUL	S1D3	S1DL
GS14	116.8	GU4	NWUL	S1D4	S1DL
GS15	116.8	GU5	NWUL	S1D5	S1DL
GS1C	116.8	GU6	NWUL	S1DC	S1DL
GU11	117.5	GU1	NWUL	U1D1	S2DL
GU12	117.5	GU2	NWUL	U1D2	S2DL

GU13	117.5	GU3	NWUL	U1D3	S2DL
GU14	117.5	GU4	NWUL	U1D4	S2DL
GU15	117.5	GU5	NWUL	U1D5	S2DL
GU1C	117.5	GU6	NWUL	U1DC	S2DL
GY11	117.4	GU1	NWUL	Y1D1	S2AD
GY12	117.4	GU2	NWUL	Y1D2	S2AD
GY13	117.4	GU3	NWUL	Y1D3	S2AD
GY14	117.4	GU4	NWUL	Y1D4	S2AD
GY15	117.4	GU5	NWUL	Y1D5	S2AD
GY1C	117.4	GU6	NWUL	Y1DC	S2AD
GW11	116.8	GU1	NWUL	W1D1	S3DL
GW12	116.8	GU2	NWUL	W1D2	S3DL
GW13	116.8	GU3	NWUL	W1D3	S3DL
GW14	116.8	GU4	NWUL	W1D4	S3DL
GW15	116.8	GU5	NWUL	W1D5	S3DL
GW1C	116.8	GU6	NWUL	W1DC	S3DL
GX11	116.8	GU1	NWUL	X1D1	S3XD
GX12	116.8	GU2	NWUL	X1D2	S3XD
GX13	116.8	GU3	NWUL	X1D3	S3XD
GX14	116.8	GU4	NWUL	X1D4	S3XD
GX15	116.8	GU5	NWUL	X1D5	S3XD
GX1C	116.8	GU6	NWUL	X1DC	S3XD
JS11	116.7	JU1	SEUL	S1D1	S1DL
JS12	116.7	JU2	SEUL	S1D2	S1DL
JS13	116.7	JU3	SEUL	S1D3	S1DL
JS14	116.7	JU4	SEUL	S1D4	S1DL
JS15	116.7	JU5	SEUL	S1D5	S1DL
JS1C	116.7	JU6	SEUL	S1DC	S1DL
JU11	117.4	JU1	SEUL	U1D1	S2DL
JU12	117.4	JU2	SEUL	U1D2	S2DL
JU13	117.4	JU3	SEUL	U1D3	S2DL
JU14	117.4	JU4	SEUL	U1D4	S2DL
JU15	117.4	JU5	SEUL	U1D5	S2DL
JU1C	117.4	JU6	SEUL	U1DC	S2DL
JY11	117.3	JU1	SEUL	Y1D1	S2AD
JY12	117.3	JU2	SEUL	Y1D2	S2AD
JY13	117.3	JU3	SEUL	Y1D3	S2AD
JY14	117.3	JU4	SEUL	Y1D4	S2AD
JY15	117.3	JU5	SEUL	Y1D5	S2AD

JY1C	117.3	JU6	SEUL	Y1DC	S2AD
JW11	116.7	JU1	SEUL	W1D1	S3DL
JW12	116.7	JU2	SEUL	W1D2	S3DL
JW13	116.7	JU3	SEUL	W1D3	S3DL
JW14	116.7	JU4	SEUL	W1D4	S3DL
JW15	116.7	JU5	SEUL	W1D5	S3DL
JW1C	116.7	JU6	SEUL	W1DC	S3DL
JX11	116.7	JU1	SEUL	X1D1	S3XD
JX12	116.7	JU2	SEUL	X1D2	S3XD
JX13	116.7	JU3	SEUL	X1D3	S3XD
JX14	116.7	JU4	SEUL	X1D4	S3XD
JX15	116.7	JU5	SEUL	X1D5	S3XD
JX1C	116.7	JU6	SEUL	X1DC	S3XD
HS11	114.4	HU1	NEUL	S1D1	S1DL
HS12	114.4	HU2	NEUL	S1D2	S1DL
HS13	114.4	HU3	NEUL	S1D3	S1DL
HS14	114.4	HU4	NEUL	S1D4	S1DL
HS15	114.4	HU5	NEUL	S1D5	S1DL
HS1C	114.4	HU6	NEUL	S1DC	S1DL
HU11	115.1	HU1	NEUL	U1D1	S2DL
HU12	115.1	HU2	NEUL	U1D2	S2DL
HU13	115.1	HU3	NEUL	U1D3	S2DL
HU14	115.1	HU4	NEUL	U1D4	S2DL
HU15	115.1	HU5	NEUL	U1D5	S2DL
HU1C	115.1	HU6	NEUL	U1DC	S2DL
HY11	115	HU1	NEUL	Y1D1	S2AD
HY12	115	HU2	NEUL	Y1D2	S2AD
HY13	115	HU3	NEUL	Y1D3	S2AD
HY14	115	HU4	NEUL	Y1D4	S2AD
HY15	115	HU5	NEUL	Y1D5	S2AD
HY1C	115	HU6	NEUL	Y1DC	S2AD
HW11	114.4	HU1	NEUL	W1D1	S3DL
HW12	114.4	HU2	NEUL	W1D2	S3DL
HW13	114.4	HU3	NEUL	W1D3	S3DL
HW14	114.4	HU4	NEUL	W1D4	S3DL
HW15	114.4	HU5	NEUL	W1D5	S3DL
HW1C	114.4	HU6	NEUL	W1DC	S3DL
HX11	114.4	HU1	NEUL	X1D1	S3XD
HX12	114.4	HU2	NEUL	X1D2	S3XD

HX13	114.4	HU3	NEUL	X1D3	S3XD
HX14	114.4	HU4	NEUL	X1D4	S3XD
HX15	114.4	HU5	NEUL	X1D5	S3XD
HX1C	114.4	HU6	NEUL	X1DC	S3XD
IS11	114.9	IU1	SWUL	S1D1	S1DL
IS12	114.9	IU2	SWUL	S1D2	S1DL
IS13	114.9	IU3	SWUL	S1D3	S1DL
IS14	114.9	IU4	SWUL	S1D4	S1DL
IS15	114.9	IU5	SWUL	S1D5	S1DL
IS1C	114.9	IU6	SWUL	S1DC	S1DL
IU11	115.6	IU1	SWUL	U1D1	S2DL
IU12	115.6	IU2	SWUL	U1D2	S2DL
IU13	115.6	IU3	SWUL	U1D3	S2DL
IU14	115.6	IU4	SWUL	U1D4	S2DL
IU15	115.6	IU5	SWUL	U1D5	S2DL
IU1C	115.6	IU6	SWUL	U1DC	S2DL
IY11	115.5	IU1	SWUL	Y1D1	S2AD
IY12	115.5	IU2	SWUL	Y1D2	S2AD
IY13	115.5	IU3	SWUL	Y1D3	S2AD
IY14	115.5	IU4	SWUL	Y1D4	S2AD
IY15	115.5	IU5	SWUL	Y1D5	S2AD
IY1C	115.5	IU6	SWUL	Y1DC	S2AD
IW11	114.9	IU1	SWUL	W1D1	S3DL
IW12	114.9	IU2	SWUL	W1D2	S3DL
IW13	114.9	IU3	SWUL	W1D3	S3DL
IW14	114.9	IU4	SWUL	W1D4	S3DL
IW15	114.9	IU5	SWUL	W1D5	S3DL
IW1C	114.9	IU6	SWUL	W1DC	S3DL
IX11	114.9	IU1	SWUL	X1D1	S3XD
IX12	114.9	IU2	SWUL	X1D2	S3XD
IX13	114.9	IU3	SWUL	X1D3	S3XD
IX14	114.9	IU4	SWUL	X1D4	S3XD
IX15	114.9	IU5	SWUL	X1D5	S3XD
IX1C	114.9	IU6	SWUL	X1DC	S3XD
KS11	119	KU1	X1UL	S1D1	S1DL
KS12	119	KU2	X1UL	S1D2	S1DL
KS13	119	KU3	X1UL	S1D3	S1DL
KS14	119	KU4	X1UL	S1D4	S1DL
KS15	119	KU5	X1UL	S1D5	S1DL

KS1C	119	KU6	X1UL	S1DC	S1DL
KU11	119.7	KU1	X1UL	U1D1	S2DL
KU12	119.7	KU2	X1UL	U1D2	S2DL
KU13	119.7	KU3	X1UL	U1D3	S2DL
KU14	119.7	KU4	X1UL	U1D4	S2DL
KU15	119.7	KU5	X1UL	U1D5	S2DL
KU1C	119.7	KU6	X1UL	U1DC	S2DL
KY11	119.6	KU1	X1UL	Y1D1	S2AD
KY12	119.6	KU2	X1UL	Y1D2	S2AD
KY13	119.6	KU3	X1UL	Y1D3	S2AD
KY14	119.6	KU4	X1UL	Y1D4	S2AD
KY15	119.6	KU5	X1UL	Y1D5	S2AD
KY1C	119.6	KU6	X1UL	Y1DC	S2AD
KW11	119	KU1	X1UL	W1D1	S3DL
KW12	119	KU2	X1UL	W1D2	S3DL
KW13	119	KU3	X1UL	W1D3	S3DL
KW14	119	KU4	X1UL	W1D4	S3DL
KW15	119	KU5	X1UL	W1D5	S3DL
KW1C	119	KU6	X1UL	W1DC	S3DL
KX11	119	KU1	X1UL	X1D1	S3XD
KX12	119	KU2	X1UL	X1D2	S3XD
KX13	119	KU3	X1UL	X1D3	S3XD
KX14	119	KU4	X1UL	X1D4	S3XD
KX15	119	KU5	X1UL	X1D5	S3XD
KX1C	119	KU6	X1UL	X1DC	S3XD
LS11	117.1	LU1	X2UL	S1D1	S1DL
LS12	117.1	LU2	X2UL	S1D2	S1DL
LS13	117.1	LU3	X2UL	S1D3	S1DL
LS14	117.1	LU4	X2UL	S1D4	S1DL
LS15	117.1	LU5	X2UL	S1D5	S1DL
LS1C	117.1	LU6	X2UL	S1DC	S1DL
LU11	117.8	LU1	X2UL	U1D1	S2DL
LU12	117.8	LU2	X2UL	U1D2	S2DL
LU13	117.8	LU3	X2UL	U1D3	S2DL
LU14	117.8	LU4	X2UL	U1D4	S2DL
LU15	117.8	LU5	X2UL	U1D5	S2DL
LU1C	117.8	LU6	X2UL	U1DC	S2DL
LY11	117.7	LU1	X2UL	Y1D1	S2AD
LY12	117.7	LU2	X2UL	Y1D2	S2AD

LY13	117.7	LU3	X2UL	Y1D3	S2AD
LY14	117.7	LU4	X2UL	Y1D4	S2AD
LY15	117.7	LU5	X2UL	Y1D5	S2AD
LY1C	117.7	LU6	X2UL	Y1DC	S2AD
LW11	117.1	LU1	X2UL	W1D1	S3DL
LW12	117.1	LU2	X2UL	W1D2	S3DL
LW13	117.1	LU3	X2UL	W1D3	S3DL
LW14	117.1	LU4	X2UL	W1D4	S3DL
LW15	117.1	LU5	X2UL	W1D5	S3DL
LW1C	117.1	LU6	X2UL	W1DC	S3DL
LX11	117.1	LU1	X2UL	X1D1	S3XD
LX12	117.1	LU2	X2UL	X1D2	S3XD
LX13	117.1	LU3	X2UL	X1D3	S3XD
LX14	117.1	LU4	X2UL	X1D4	S3XD
LX15	117.1	LU5	X2UL	X1D5	S3XD
LX1C	117.1	LU6	X2UL	X1DC	S3XD
ES21	119.2	EU1	WHUL	S2D1	S1DL
ES22	119.2	EU2	WHUL	S2D2	S1DL
ES23	119.2	EU3	WHUL	S2D3	S1DL
ES24	119.2	EU4	WHUL	S2D4	S1DL
ES25	119.2	EU5	WHUL	S2D5	S1DL
ES2C	119.2	EU6	WHUL	S2DC	S1DL
EU21	119.9	EU1	WHUL	U2D1	S2DL
EU22	119.9	EU2	WHUL	U2D2	S2DL
EU23	119.9	EU3	WHUL	U2D3	S2DL
EU24	119.9	EU4	WHUL	U2D4	S2DL
EU25	119.9	EU5	WHUL	U2D5	S2DL
EU2C	119.9	EU6	WHUL	U2DC	S2DL
EY21	119.8	EU1	WHUL	Y2D1	S2AD
EY22	119.8	EU2	WHUL	Y2D2	S2AD
EY23	119.8	EU3	WHUL	Y2D3	S2AD
EY24	119.8	EU4	WHUL	Y2D4	S2AD
EY25	119.8	EU5	WHUL	Y2D5	S2AD
EY2C	119.8	EU6	WHUL	Y2DC	S2AD
EW21	119.2	EU1	WHUL	W2D1	S3DL
EW22	119.2	EU2	WHUL	W2D2	S3DL
EW23	119.2	EU3	WHUL	W2D3	S3DL
EW24	119.2	EU4	WHUL	W2D4	S3DL
EW25	119.2	EU5	WHUL	W2D5	S3DL

EW2C	119.2	EU6	WHUL	W2DC	S3DL
EX21	119.2	EU1	WHUL	X2D1	S3XD
EX22	119.2	EU2	WHUL	X2D2	S3XD
EX23	119.2	EU3	WHUL	X2D3	S3XD
EX24	119.2	EU4	WHUL	X2D4	S3XD
EX25	119.2	EU5	WHUL	X2D5	S3XD
EX2C	119.2	EU6	WHUL	X2DC	S3XD
FS21	118.3	FU1	EHUL	S2D1	S1DL
FS22	118.3	FU2	EHUL	S2D2	S1DL
FS23	118.3	FU3	EHUL	S2D3	S1DL
FS24	118.3	FU4	EHUL	S2D4	S1DL
FS25	118.3	FU5	EHUL	S2D5	S1DL
FS2C	118.3	FU6	EHUL	S2DC	S1DL
FU21	119	FU1	EHUL	U2D1	S2DL
FU22	119	FU2	EHUL	U2D2	S2DL
FU23	119	FU3	EHUL	U2D3	S2DL
FU24	119	FU4	EHUL	U2D4	S2DL
FU25	119	FU5	EHUL	U2D5	S2DL
FU2C	119	FU6	EHUL	U2DC	S2DL
FY21	118.9	FU1	EHUL	Y2D1	S2AD
FY22	118.9	FU2	EHUL	Y2D2	S2AD
FY23	118.9	FU3	EHUL	Y2D3	S2AD
FY24	118.9	FU4	EHUL	Y2D4	S2AD
FY25	118.9	FU5	EHUL	Y2D5	S2AD
FY2C	118.9	FU6	EHUL	Y2DC	S2AD
FW21	118.3	FU1	EHUL	W2D1	S3DL
FW22	118.3	FU2	EHUL	W2D2	S3DL
FW23	118.3	FU3	EHUL	W2D3	S3DL
FW24	118.3	FU4	EHUL	W2D4	S3DL
FW25	118.3	FU5	EHUL	W2D5	S3DL
FW2C	118.3	FU6	EHUL	W2DC	S3DL
FX21	118.3	FU1	EHUL	X2D1	S3XD
FX22	118.3	FU2	EHUL	X2D2	S3XD
FX23	118.3	FU3	EHUL	X2D3	S3XD
FX24	118.3	FU4	EHUL	X2D4	S3XD
FX25	118.3	FU5	EHUL	X2D5	S3XD
FX2C	118.3	FU6	EHUL	X2DC	S3XD
GS21	116.8	GU1	NWUL	S2D1	S1DL
GS22	116.8	GU2	NWUL	S2D2	S1DL

GS23	116.8	GU3	NWUL	S2D3	S1DL
GS24	116.8	GU4	NWUL	S2D4	S1DL
GS25	116.8	GU5	NWUL	S2D5	S1DL
GS2C	116.8	GU6	NWUL	S2DC	S1DL
GU21	117.5	GU1	NWUL	U2D1	S2DL
GU22	117.5	GU2	NWUL	U2D2	S2DL
GU23	117.5	GU3	NWUL	U2D3	S2DL
GU24	117.5	GU4	NWUL	U2D4	S2DL
GU25	117.5	GU5	NWUL	U2D5	S2DL
GU2C	117.5	GU6	NWUL	U2DC	S2DL
GY21	117.4	GU1	NWUL	Y2D1	S2AD
GY22	117.4	GU2	NWUL	Y2D2	S2AD
GY23	117.4	GU3	NWUL	Y2D3	S2AD
GY24	117.4	GU4	NWUL	Y2D4	S2AD
GY25	117.4	GU5	NWUL	Y2D5	S2AD
GY2C	117.4	GU6	NWUL	Y2DC	S2AD
GW21	116.8	GU1	NWUL	W2D1	S3DL
GW22	116.8	GU2	NWUL	W2D2	S3DL
GW23	116.8	GU3	NWUL	W2D3	S3DL
GW24	116.8	GU4	NWUL	W2D4	S3DL
GW25	116.8	GU5	NWUL	W2D5	S3DL
GW2C	116.8	GU6	NWUL	W2DC	S3DL
GX21	116.8	GU1	NWUL	X2D1	S3XD
GX22	116.8	GU2	NWUL	X2D2	S3XD
GX23	116.8	GU3	NWUL	X2D3	S3XD
GX24	116.8	GU4	NWUL	X2D4	S3XD
GX25	116.8	GU5	NWUL	X2D5	S3XD
GX2C	116.8	GU6	NWUL	X2DC	S3XD
JS21	116.7	JU1	SEUL	S2D1	S1DL
JS22	116.7	JU2	SEUL	S2D2	S1DL
JS23	116.7	JU3	SEUL	S2D3	S1DL
JS24	116.7	JU4	SEUL	S2D4	S1DL
JS25	116.7	JU5	SEUL	S2D5	S1DL
JS2C	116.7	JU6	SEUL	S2DC	S1DL
JU21	117.4	JU1	SEUL	U2D1	S2DL
JU22	117.4	JU2	SEUL	U2D2	S2DL
JU23	117.4	JU3	SEUL	U2D3	S2DL
JU24	117.4	JU4	SEUL	U2D4	S2DL
JU25	117.4	JU5	SEUL	U2D5	S2DL

JU2C	117.4	JU6	SEUL	U2DC	S2DL
JY21	117.3	JU1	SEUL	Y2D1	S2AD
JY22	117.3	JU2	SEUL	Y2D2	S2AD
JY23	117.3	JU3	SEUL	Y2D3	S2AD
JY24	117.3	JU4	SEUL	Y2D4	S2AD
JY25	117.3	JU5	SEUL	Y2D5	S2AD
JY2C	117.3	JU6	SEUL	Y2DC	S2AD
JW21	116.7	JU1	SEUL	W2D1	S3DL
JW22	116.7	JU2	SEUL	W2D2	S3DL
JW23	116.7	JU3	SEUL	W2D3	S3DL
JW24	116.7	JU4	SEUL	W2D4	S3DL
JW25	116.7	JU5	SEUL	W2D5	S3DL
JW2C	116.7	JU6	SEUL	W2DC	S3DL
JX21	116.7	JU1	SEUL	X2D1	S3XD
JX22	116.7	JU2	SEUL	X2D2	S3XD
JX23	116.7	JU3	SEUL	X2D3	S3XD
JX24	116.7	JU4	SEUL	X2D4	S3XD
JX25	116.7	JU5	SEUL	X2D5	S3XD
JX2C	116.7	JU6	SEUL	X2DC	S3XD
HS21	114.4	HU1	NEUL	S2D1	S1DL
HS22	114.4	HU2	NEUL	S2D2	S1DL
HS23	114.4	HU3	NEUL	S2D3	S1DL
HS24	114.4	HU4	NEUL	S2D4	S1DL
HS25	114.4	HU5	NEUL	S2D5	S1DL
HS2C	114.4	HU6	NEUL	S2DC	S1DL
HU21	115.1	HU1	NEUL	U2D1	S2DL
HU22	115.1	HU2	NEUL	U2D2	S2DL
HU23	115.1	HU3	NEUL	U2D3	S2DL
HU24	115.1	HU4	NEUL	U2D4	S2DL
HU25	115.1	HU5	NEUL	U2D5	S2DL
HU2C	115.1	HU6	NEUL	U2DC	S2DL
HY21	115	HU1	NEUL	Y2D1	S2AD
HY22	115	HU2	NEUL	Y2D2	S2AD
HY23	115	HU3	NEUL	Y2D3	S2AD
HY24	115	HU4	NEUL	Y2D4	S2AD
HY25	115	HU5	NEUL	Y2D5	S2AD
HY2C	115	HU6	NEUL	Y2DC	S2AD
HW21	114.4	HU1	NEUL	W2D1	S3DL
HW22	114.4	HU2	NEUL	W2D2	S3DL

HW23	114.4	HU3	NEUL	W2D3	S3DL
HW24	114.4	HU4	NEUL	W2D4	S3DL
HW25	114.4	HU5	NEUL	W2D5	S3DL
HW2C	114.4	HU6	NEUL	W2DC	S3DL
HX21	114.4	HU1	NEUL	X2D1	S3XD
HX22	114.4	HU2	NEUL	X2D2	S3XD
HX23	114.4	HU3	NEUL	X2D3	S3XD
HX24	114.4	HU4	NEUL	X2D4	S3XD
HX25	114.4	HU5	NEUL	X2D5	S3XD
HX2C	114.4	HU6	NEUL	X2DC	S3XD
IS21	114.9	IU1	SWUL	S2D1	S1DL
IS22	114.9	IU2	SWUL	S2D2	S1DL
IS23	114.9	IU3	SWUL	S2D3	S1DL
IS24	114.9	IU4	SWUL	S2D4	S1DL
IS25	114.9	IU5	SWUL	S2D5	S1DL
IS2C	114.9	IU6	SWUL	S2DC	S1DL
IU21	115.6	IU1	SWUL	U2D1	S2DL
IU22	115.6	IU2	SWUL	U2D2	S2DL
IU23	115.6	IU3	SWUL	U2D3	S2DL
IU24	115.6	IU4	SWUL	U2D4	S2DL
IU25	115.6	IU5	SWUL	U2D5	S2DL
IU2C	115.6	IU6	SWUL	U2DC	S2DL
IY21	115.5	IU1	SWUL	Y2D1	S2AD
IY22	115.5	IU2	SWUL	Y2D2	S2AD
IY23	115.5	IU3	SWUL	Y2D3	S2AD
IY24	115.5	IU4	SWUL	Y2D4	S2AD
IY25	115.5	IU5	SWUL	Y2D5	S2AD
IY2C	115.5	IU6	SWUL	Y2DC	S2AD
IW21	114.9	IU1	SWUL	W2D1	S3DL
IW22	114.9	IU2	SWUL	W2D2	S3DL
IW23	114.9	IU3	SWUL	W2D3	S3DL
IW24	114.9	IU4	SWUL	W2D4	S3DL
IW25	114.9	IU5	SWUL	W2D5	S3DL
IW2C	114.9	IU6	SWUL	W2DC	S3DL
IX21	114.9	IU1	SWUL	X2D1	S3XD
IX22	114.9	IU2	SWUL	X2D2	S3XD
IX23	114.9	IU3	SWUL	X2D3	S3XD
IX24	114.9	IU4	SWUL	X2D4	S3XD
IX25	114.9	IU5	SWUL	X2D5	S3XD

IX2C	114.9	IU6	SWUL	X2DC	S3XD
KS21	119	KU1	X1UL	S2D1	S1DL
KS22	119	KU2	X1UL	S2D2	S1DL
KS23	119	KU3	X1UL	S2D3	S1DL
KS24	119	KU4	X1UL	S2D4	S1DL
KS25	119	KU5	X1UL	S2D5	S1DL
KS2C	119	KU6	X1UL	S2DC	S1DL
KU21	119.7	KU1	X1UL	U2D1	S2DL
KU22	119.7	KU2	X1UL	U2D2	S2DL
KU23	119.7	KU3	X1UL	U2D3	S2DL
KU24	119.7	KU4	X1UL	U2D4	S2DL
KU25	119.7	KU5	X1UL	U2D5	S2DL
KU2C	119.7	KU6	X1UL	U2DC	S2DL
KY21	119.6	KU1	X1UL	Y2D1	S2AD
KY22	119.6	KU2	X1UL	Y2D2	S2AD
KY23	119.6	KU3	X1UL	Y2D3	S2AD
KY24	119.6	KU4	X1UL	Y2D4	S2AD
KY25	119.6	KU5	X1UL	Y2D5	S2AD
KY2C	119.6	KU6	X1UL	Y2DC	S2AD
KW21	119	KU1	X1UL	W2D1	S3DL
KW22	119	KU2	X1UL	W2D2	S3DL
KW23	119	KU3	X1UL	W2D3	S3DL
KW24	119	KU4	X1UL	W2D4	S3DL
KW25	119	KU5	X1UL	W2D5	S3DL
KW2C	119	KU6	X1UL	W2DC	S3DL
KX21	119	KU1	X1UL	X2D1	S3XD
KX22	119	KU2	X1UL	X2D2	S3XD
KX23	119	KU3	X1UL	X2D3	S3XD
KX24	119	KU4	X1UL	X2D4	S3XD
KX25	119	KU5	X1UL	X2D5	S3XD
KX2C	119	KU6	X1UL	X2DC	S3XD
LS21	117.1	LU1	X2UL	S2D1	S1DL
LS22	117.1	LU2	X2UL	S2D2	S1DL
LS23	117.1	LU3	X2UL	S2D3	S1DL
LS24	117.1	LU4	X2UL	S2D4	S1DL
LS25	117.1	LU5	X2UL	S2D5	S1DL
LS2C	117.1	LU6	X2UL	S2DC	S1DL
LU21	117.8	LU1	X2UL	U2D1	S2DL
LU22	117.8	LU2	X2UL	U2D2	S2DL

LU23	117.8	LU3	X2UL	U2D3	S2DL
LU24	117.8	LU4	X2UL	U2D4	S2DL
LU25	117.8	LU5	X2UL	U2D5	S2DL
LU2C	117.8	LU6	X2UL	U2DC	S2DL
LY21	117.7	LU1	X2UL	Y2D1	S2AD
LY22	117.7	LU2	X2UL	Y2D2	S2AD
LY23	117.7	LU3	X2UL	Y2D3	S2AD
LY24	117.7	LU4	X2UL	Y2D4	S2AD
LY25	117.7	LU5	X2UL	Y2D5	S2AD
LY2C	117.7	LU6	X2UL	Y2DC	S2AD
LW21	117.1	LU1	X2UL	W2D1	S3DL
LW22	117.1	LU2	X2UL	W2D2	S3DL
LW23	117.1	LU3	X2UL	W2D3	S3DL
LW24	117.1	LU4	X2UL	W2D4	S3DL
LW25	117.1	LU5	X2UL	W2D5	S3DL
LW2C	117.1	LU6	X2UL	W2DC	S3DL
LX21	117.1	LU1	X2UL	X2D1	S3XD
LX22	117.1	LU2	X2UL	X2D2	S3XD
LX23	117.1	LU3	X2UL	X2D3	S3XD
LX24	117.1	LU4	X2UL	X2D4	S3XD
LX25	117.1	LU5	X2UL	X2D5	S3XD
LX2C	117.1	LU6	X2UL	X2DC	S3XD
ES31	119.2	EU1	WHUL	S3D1	S1DL
ES32	119.2	EU2	WHUL	S3D2	S1DL
ES33	119.2	EU3	WHUL	S3D3	S1DL
ES34	119.2	EU4	WHUL	S3D4	S1DL
ES35	119.2	EU5	WHUL	S3D5	S1DL
ES3C	119.2	EU6	WHUL	S3DC	S1DL
EU31	119.9	EU1	WHUL	U3D1	S2DL
EU32	119.9	EU2	WHUL	U3D2	S2DL
EU33	119.9	EU3	WHUL	U3D3	S2DL
EU34	119.9	EU4	WHUL	U3D4	S2DL
EU35	119.9	EU5	WHUL	U3D5	S2DL
EU3C	119.9	EU6	WHUL	U3DC	S2DL
EY31	119.8	EU1	WHUL	Y3D1	S2AD
EY32	119.8	EU2	WHUL	Y3D2	S2AD
EY33	119.8	EU3	WHUL	Y3D3	S2AD
EY34	119.8	EU4	WHUL	Y3D4	S2AD
EY35	119.8	EU5	WHUL	Y3D5	S2AD

EY3C	119.8	EU6	WHUL	Y3DC	S2AD
EW31	119.2	EU1	WHUL	W3D1	S3DL
EW32	119.2	EU2	WHUL	W3D2	S3DL
EW33	119.2	EU3	WHUL	W3D3	S3DL
EW34	119.2	EU4	WHUL	W3D4	S3DL
EW35	119.2	EU5	WHUL	W3D5	S3DL
EW3C	119.2	EU6	WHUL	W3DC	S3DL
EX31	119.2	EU1	WHUL	X3D1	S3XD
EX32	119.2	EU2	WHUL	X3D2	S3XD
EX33	119.2	EU3	WHUL	X3D3	S3XD
EX34	119.2	EU4	WHUL	X3D4	S3XD
EX35	119.2	EU5	WHUL	X3D5	S3XD
EX3C	119.2	EU6	WHUL	X3DC	S3XD
FS31	118.3	FU1	EHUL	S3D1	S1DL
FS32	118.3	FU2	EHUL	S3D2	S1DL
FS33	118.3	FU3	EHUL	S3D3	S1DL
FS34	118.3	FU4	EHUL	S3D4	S1DL
FS35	118.3	FU5	EHUL	S3D5	S1DL
FS3C	118.3	FU6	EHUL	S3DC	S1DL
FU31	119	FU1	EHUL	U3D1	S2DL
FU32	119	FU2	EHUL	U3D2	S2DL
FU33	119	FU3	EHUL	U3D3	S2DL
FU34	119	FU4	EHUL	U3D4	S2DL
FU35	119	FU5	EHUL	U3D5	S2DL
FU3C	119	FU6	EHUL	U3DC	S2DL
FY31	118.9	FU1	EHUL	Y3D1	S2AD
FY32	118.9	FU2	EHUL	Y3D2	S2AD
FY33	118.9	FU3	EHUL	Y3D3	S2AD
FY34	118.9	FU4	EHUL	Y3D4	S2AD
FY35	118.9	FU5	EHUL	Y3D5	S2AD
FY3C	118.9	FU6	EHUL	Y3DC	S2AD
FW31	118.3	FU1	EHUL	W3D1	S3DL
FW32	118.3	FU2	EHUL	W3D2	S3DL
FW33	118.3	FU3	EHUL	W3D3	S3DL
FW34	118.3	FU4	EHUL	W3D4	S3DL
FW35	118.3	FU5	EHUL	W3D5	S3DL
FW3C	118.3	FU6	EHUL	W3DC	S3DL
FX31	118.3	FU1	EHUL	X3D1	S3XD
FX32	118.3	FU2	EHUL	X3D2	S3XD

FX33	118.3	FU3	EHUL	X3D3	S3XD
FX34	118.3	FU4	EHUL	X3D4	S3XD
FX35	118.3	FU5	EHUL	X3D5	S3XD
FX3C	118.3	FU6	EHUL	X3DC	S3XD
GS31	116.8	GU1	NWUL	S3D1	S1DL
GS32	116.8	GU2	NWUL	S3D2	S1DL
GS33	116.8	GU3	NWUL	S3D3	S1DL
GS34	116.8	GU4	NWUL	S3D4	S1DL
GS35	116.8	GU5	NWUL	S3D5	S1DL
GS3C	116.8	GU6	NWUL	S3DC	S1DL
GU31	117.5	GU1	NWUL	U3D1	S2DL
GU32	117.5	GU2	NWUL	U3D2	S2DL
GU33	117.5	GU3	NWUL	U3D3	S2DL
GU34	117.5	GU4	NWUL	U3D4	S2DL
GU35	117.5	GU5	NWUL	U3D5	S2DL
GU3C	117.5	GU6	NWUL	U3DC	S2DL
GY31	117.4	GU1	NWUL	Y3D1	S2AD
GY32	117.4	GU2	NWUL	Y3D2	S2AD
GY33	117.4	GU3	NWUL	Y3D3	S2AD
GY34	117.4	GU4	NWUL	Y3D4	S2AD
GY35	117.4	GU5	NWUL	Y3D5	S2AD
GY3C	117.4	GU6	NWUL	Y3DC	S2AD
GW31	116.8	GU1	NWUL	W3D1	S3DL
GW32	116.8	GU2	NWUL	W3D2	S3DL
GW33	116.8	GU3	NWUL	W3D3	S3DL
GW34	116.8	GU4	NWUL	W3D4	S3DL
GW35	116.8	GU5	NWUL	W3D5	S3DL
GW3C	116.8	GU6	NWUL	W3DC	S3DL
GX31	116.8	GU1	NWUL	X3D1	S3XD
GX32	116.8	GU2	NWUL	X3D2	S3XD
GX33	116.8	GU3	NWUL	X3D3	S3XD
GX34	116.8	GU4	NWUL	X3D4	S3XD
GX35	116.8	GU5	NWUL	X3D5	S3XD
GX3C	116.8	GU6	NWUL	X3DC	S3XD
JS31	116.7	JU1	SEUL	S3D1	S1DL
JS32	116.7	JU2	SEUL	S3D2	S1DL
JS33	116.7	JU3	SEUL	S3D3	S1DL
JS34	116.7	JU4	SEUL	S3D4	S1DL
JS35	116.7	JU5	SEUL	S3D5	S1DL

JS3C	116.7	JU6	SEUL	S3DC	S1DL
JU31	117.4	JU1	SEUL	U3D1	S2DL
JU32	117.4	JU2	SEUL	U3D2	S2DL
JU33	117.4	JU3	SEUL	U3D3	S2DL
JU34	117.4	JU4	SEUL	U3D4	S2DL
JU35	117.4	JU5	SEUL	U3D5	S2DL
JU3C	117.4	JU6	SEUL	U3DC	S2DL
JY31	117.3	JU1	SEUL	Y3D1	S2AD
JY32	117.3	JU2	SEUL	Y3D2	S2AD
JY33	117.3	JU3	SEUL	Y3D3	S2AD
JY34	117.3	JU4	SEUL	Y3D4	S2AD
JY35	117.3	JU5	SEUL	Y3D5	S2AD
JY3C	117.3	JU6	SEUL	Y3DC	S2AD
JW31	116.7	JU1	SEUL	W3D1	S3DL
JW32	116.7	JU2	SEUL	W3D2	S3DL
JW33	116.7	JU3	SEUL	W3D3	S3DL
JW34	116.7	JU4	SEUL	W3D4	S3DL
JW35	116.7	JU5	SEUL	W3D5	S3DL
JW3C	116.7	JU6	SEUL	W3DC	S3DL
JX31	116.7	JU1	SEUL	X3D1	S3XD
JX32	116.7	JU2	SEUL	X3D2	S3XD
JX33	116.7	JU3	SEUL	X3D3	S3XD
JX34	116.7	JU4	SEUL	X3D4	S3XD
JX35	116.7	JU5	SEUL	X3D5	S3XD
JX3C	116.7	JU6	SEUL	X3DC	S3XD
HS31	114.4	HU1	NEUL	S3D1	S1DL
HS32	114.4	HU2	NEUL	S3D2	S1DL
HS33	114.4	HU3	NEUL	S3D3	S1DL
HS34	114.4	HU4	NEUL	S3D4	S1DL
HS35	114.4	HU5	NEUL	S3D5	S1DL
HS3C	114.4	HU6	NEUL	S3DC	S1DL
HU31	115.1	HU1	NEUL	U3D1	S2DL
HU32	115.1	HU2	NEUL	U3D2	S2DL
HU33	115.1	HU3	NEUL	U3D3	S2DL
HU34	115.1	HU4	NEUL	U3D4	S2DL
HU35	115.1	HU5	NEUL	U3D5	S2DL
HU3C	115.1	HU6	NEUL	U3DC	S2DL
HY31	115	HU1	NEUL	Y3D1	S2AD
HY32	115	HU2	NEUL	Y3D2	S2AD

HY33	115	HU3	NEUL	Y3D3	S2AD
HY34	115	HU4	NEUL	Y3D4	S2AD
HY35	115	HU5	NEUL	Y3D5	S2AD
HY3C	115	HU6	NEUL	Y3DC	S2AD
HW31	114.4	HU1	NEUL	W3D1	S3DL
HW32	114.4	HU2	NEUL	W3D2	S3DL
HW33	114.4	HU3	NEUL	W3D3	S3DL
HW34	114.4	HU4	NEUL	W3D4	S3DL
HW35	114.4	HU5	NEUL	W3D5	S3DL
HW3C	114.4	HU6	NEUL	W3DC	S3DL
HX31	114.4	HU1	NEUL	X3D1	S3XD
HX32	114.4	HU2	NEUL	X3D2	S3XD
HX33	114.4	HU3	NEUL	X3D3	S3XD
HX34	114.4	HU4	NEUL	X3D4	S3XD
HX35	114.4	HU5	NEUL	X3D5	S3XD
HX3C	114.4	HU6	NEUL	X3DC	S3XD
IS31	114.9	IU1	SWUL	S3D1	S1DL
IS32	114.9	IU2	SWUL	S3D2	S1DL
IS33	114.9	IU3	SWUL	S3D3	S1DL
IS34	114.9	IU4	SWUL	S3D4	S1DL
IS35	114.9	IU5	SWUL	S3D5	S1DL
IS3C	114.9	IU6	SWUL	S3DC	S1DL
IU31	115.6	IU1	SWUL	U3D1	S2DL
IU32	115.6	IU2	SWUL	U3D2	S2DL
IU33	115.6	IU3	SWUL	U3D3	S2DL
IU34	115.6	IU4	SWUL	U3D4	S2DL
IU35	115.6	IU5	SWUL	U3D5	S2DL
IU3C	115.6	IU6	SWUL	U3DC	S2DL
IY31	115.5	IU1	SWUL	Y3D1	S2AD
IY32	115.5	IU2	SWUL	Y3D2	S2AD
IY33	115.5	IU3	SWUL	Y3D3	S2AD
IY34	115.5	IU4	SWUL	Y3D4	S2AD
IY35	115.5	IU5	SWUL	Y3D5	S2AD
IY3C	115.5	IU6	SWUL	Y3DC	S2AD
IW31	114.9	IU1	SWUL	W3D1	S3DL
IW32	114.9	IU2	SWUL	W3D2	S3DL
IW33	114.9	IU3	SWUL	W3D3	S3DL
IW34	114.9	IU4	SWUL	W3D4	S3DL
IW35	114.9	IU5	SWUL	W3D5	S3DL

IW3C	114.9	IU6	SWUL	W3DC	S3DL
IX31	114.9	IU1	SWUL	X3D1	S3XD
IX32	114.9	IU2	SWUL	X3D2	S3XD
IX33	114.9	IU3	SWUL	X3D3	S3XD
IX34	114.9	IU4	SWUL	X3D4	S3XD
IX35	114.9	IU5	SWUL	X3D5	S3XD
IX3C	114.9	IU6	SWUL	X3DC	S3XD
KS31	119	KU1	X1UL	S3D1	S1DL
KS32	119	KU2	X1UL	S3D2	S1DL
KS33	119	KU3	X1UL	S3D3	S1DL
KS34	119	KU4	X1UL	S3D4	S1DL
KS35	119	KU5	X1UL	S3D5	S1DL
KS3C	119	KU6	X1UL	S3DC	S1DL
KU31	119.7	KU1	X1UL	U3D1	S2DL
KU32	119.7	KU2	X1UL	U3D2	S2DL
KU33	119.7	KU3	X1UL	U3D3	S2DL
KU34	119.7	KU4	X1UL	U3D4	S2DL
KU35	119.7	KU5	X1UL	U3D5	S2DL
KU3C	119.7	KU6	X1UL	U3DC	S2DL
KY31	119.6	KU1	X1UL	Y3D1	S2AD
KY32	119.6	KU2	X1UL	Y3D2	S2AD
KY33	119.6	KU3	X1UL	Y3D3	S2AD
KY34	119.6	KU4	X1UL	Y3D4	S2AD
KY35	119.6	KU5	X1UL	Y3D5	S2AD
KY3C	119.6	KU6	X1UL	Y3DC	S2AD
KW31	119	KU1	X1UL	W3D1	S3DL
KW32	119	KU2	X1UL	W3D2	S3DL
KW33	119	KU3	X1UL	W3D3	S3DL
KW34	119	KU4	X1UL	W3D4	S3DL
KW35	119	KU5	X1UL	W3D5	S3DL
KW3C	119	KU6	X1UL	W3DC	S3DL
KX31	119	KU1	X1UL	X3D1	S3XD
KX32	119	KU2	X1UL	X3D2	S3XD
KX33	119	KU3	X1UL	X3D3	S3XD
KX34	119	KU4	X1UL	X3D4	S3XD
KX35	119	KU5	X1UL	X3D5	S3XD
KX3C	119	KU6	X1UL	X3DC	S3XD
LS31	117.1	LU1	X2UL	S3D1	S1DL
LS32	117.1	LU2	X2UL	S3D2	S1DL

LS33	117.1	LU3	X2UL	S3D3	S1DL
LS34	117.1	LU4	X2UL	S3D4	S1DL
LS35	117.1	LU5	X2UL	S3D5	S1DL
LS3C	117.1	LU6	X2UL	S3DC	S1DL
LU31	117.8	LU1	X2UL	U3D1	S2DL
LU32	117.8	LU2	X2UL	U3D2	S2DL
LU33	117.8	LU3	X2UL	U3D3	S2DL
LU34	117.8	LU4	X2UL	U3D4	S2DL
LU35	117.8	LU5	X2UL	U3D5	S2DL
LU3C	117.8	LU6	X2UL	U3DC	S2DL
LY31	117.7	LU1	X2UL	Y3D1	S2AD
LY32	117.7	LU2	X2UL	Y3D2	S2AD
LY33	117.7	LU3	X2UL	Y3D3	S2AD
LY34	117.7	LU4	X2UL	Y3D4	S2AD
LY35	117.7	LU5	X2UL	Y3D5	S2AD
LY3C	117.7	LU6	X2UL	Y3DC	S2AD
LW31	117.1	LU1	X2UL	W3D1	S3DL
LW32	117.1	LU2	X2UL	W3D2	S3DL
LW33	117.1	LU3	X2UL	W3D3	S3DL
LW34	117.1	LU4	X2UL	W3D4	S3DL
LW35	117.1	LU5	X2UL	W3D5	S3DL
LW3C	117.1	LU6	X2UL	W3DC	S3DL
LX31	117.1	LU1	X2UL	X3D1	S3XD
LX32	117.1	LU2	X2UL	X3D2	S3XD
LX33	117.1	LU3	X2UL	X3D3	S3XD
LX34	117.1	LU4	X2UL	X3D4	S3XD
LX35	117.1	LU5	X2UL	X3D5	S3XD
LX3C	117.1	LU6	X2UL	X3DC	S3XD
SE11	113.5	SU1	S1UL	ED1	WHDL
SE22	113.5	SU2	S1UL	ED2	WHDL
SE33	113.5	SU3	S1UL	ED3	WHDL
SE44	113.5	SU4	S1UL	ED4	WHDL
SE55	113.5	SU5	S1UL	ED5	WHDL
SEC6	113.5	SUC	S1UL	ED6	WHDL
SF11	111.3	SU1	S1UL	FD1	EHDL
SF22	111.3	SU2	S1UL	FD2	EHDL
SF33	111.3	SU3	S1UL	FD3	EHDL
SF44	111.3	SU4	S1UL	FD4	EHDL
SF55	111.3	SU5	S1UL	FD5	EHDL

SFC6	111.3	SUC	S1UL	FD6	EHDL
SG11	107.9	SU1	S1UL	GD1	NWDL
SG22	107.9	SU2	S1UL	GD2	NWDL
SG33	107.9	SU3	S1UL	GD3	NWDL
SG44	107.9	SU4	S1UL	GD4	NWDL
SG55	107.9	SU5	S1UL	GD5	NWDL
SGC6	107.9	SUC	S1UL	GD6	NWDL
SJ11	110.9	SU1	S1UL	JD1	SEDL
SJ22	110.9	SU2	S1UL	JD2	SEDL
SJ33	110.9	SU3	S1UL	JD3	SEDL
SJ44	110.9	SU4	S1UL	JD4	SEDL
SJ55	110.9	SU5	S1UL	JD5	SEDL
SJC6	110.9	SUC	S1UL	JD6	SEDL
SH11	108.2	SU1	S1UL	HD1	NEDL
SH22	108.2	SU2	S1UL	HD2	NEDL
SH33	108.2	SU3	S1UL	HD3	NEDL
SH44	108.2	SU4	S1UL	HD4	NEDL
SH55	108.2	SU5	S1UL	HD5	NEDL
SHC6	108.2	SUC	S1UL	HD6	NEDL
SI11	108.7	SU1	S1UL	ID1	SWDL
SI22	108.7	SU2	S1UL	ID2	SWDL
SI33	108.7	SU3	S1UL	ID3	SWDL
SI44	108.7	SU4	S1UL	ID4	SWDL
SI55	108.7	SU5	S1UL	ID5	SWDL
SIC6	108.7	SUC	S1UL	ID6	SWDL
UE11	115.6	UU1	S2UL	ED1	WHDL
UE22	115.6	UU2	S2UL	ED2	WHDL
UE33	115.6	UU3	S2UL	ED3	WHDL
UE44	115.6	UU4	S2UL	ED4	WHDL
UE55	115.6	UU5	S2UL	ED5	WHDL
UEC6	115.6	UUC	S2UL	ED6	WHDL
UF11	113.4	UU1	S2UL	FD1	EHDL
UF22	113.4	UU2	S2UL	FD2	EHDL
UF33	113.4	UU3	S2UL	FD3	EHDL
UF44	113.4	UU4	S2UL	FD4	EHDL
UF55	113.4	UU5	S2UL	FD5	EHDL
UFC6	113.4	UUC	S2UL	FD6	EHDL
UG11	110	UU1	S2UL	GD1	NWDL
UG22	110	UU2	S2UL	GD2	NWDL

UG33	110	UU3	S2UL	GD3	NWDL
UG44	110	UU4	S2UL	GD4	NWDL
UG55	110	UU5	S2UL	GD5	NWDL
UGC6	110	UUC	S2UL	GD6	NWDL
UJ11	113	UU1	S2UL	JD1	SEDL
UJ22	113	UU2	S2UL	JD2	SEDL
UJ33	113	UU3	S2UL	JD3	SEDL
UJ44	113	UU4	S2UL	JD4	SEDL
UJ55	113	UU5	S2UL	JD5	SEDL
UJC6	113	UUC	S2UL	JD6	SEDL
UH11	110.3	UU1	S2UL	HD1	NEDL
UH22	110.3	UU2	S2UL	HD2	NEDL
UH33	110.3	UU3	S2UL	HD3	NEDL
UH44	110.3	UU4	S2UL	HD4	NEDL
UH55	110.3	UU5	S2UL	HD5	NEDL
UHC6	110.3	UUC	S2UL	HD6	NEDL
UI11	110.8	UU1	S2UL	ID1	SWDL
UI22	110.8	UU2	S2UL	ID2	SWDL
UI33	110.8	UU3	S2UL	ID3	SWDL
UI44	110.8	UU4	S2UL	ID4	SWDL
UI55	110.8	UU5	S2UL	ID5	SWDL
UIC6	110.8	UUC	S2UL	ID6	SWDL
YE11	117.7	YU1	S2AU	ED1	WHDL
YE22	117.7	YU2	S2AU	ED2	WHDL
YE33	117.7	YU3	S2AU	ED3	WHDL
YE44	117.7	YU4	S2AU	ED4	WHDL
YE55	117.7	YU5	S2AU	ED5	WHDL
YEC6	117.7	YUC	S2AU	ED6	WHDL
YF11	115.5	YU1	S2AU	FD1	EHDL
YF22	115.5	YU2	S2AU	FD2	EHDL
YF33	115.5	YU3	S2AU	FD3	EHDL
YF44	115.5	YU4	S2AU	FD4	EHDL
YF55	115.5	YU5	S2AU	FD5	EHDL
YFC6	115.5	YUC	S2AU	FD6	EHDL
YG11	112.1	YU1	S2AU	GD1	NWDL
YG22	112.1	YU2	S2AU	GD2	NWDL
YG33	112.1	YU3	S2AU	GD3	NWDL
YG44	112.1	YU4	S2AU	GD4	NWDL
YG55	112.1	YU5	S2AU	GD5	NWDL

YGC6	112.1	YUC	S2AU	GD6	NWDL
YJ11	115.1	YU1	S2AU	JD1	SEDL
YJ22	115.1	YU2	S2AU	JD2	SEDL
YJ33	115.1	YU3	S2AU	JD3	SEDL
YJ44	115.1	YU4	S2AU	JD4	SEDL
YJ55	115.1	YU5	S2AU	JD5	SEDL
YJC6	115.1	YUC	S2AU	JD6	SEDL
YH11	112.4	YU1	S2AU	HD1	NEDL
YH22	112.4	YU2	S2AU	HD2	NEDL
YH33	112.4	YU3	S2AU	HD3	NEDL
YH44	112.4	YU4	S2AU	HD4	NEDL
YH55	112.4	YU5	S2AU	HD5	NEDL
YHC6	112.4	YUC	S2AU	HD6	NEDL
YI11	112.9	YU1	S2AU	ID1	SWDL
YI22	112.9	YU2	S2AU	ID2	SWDL
YI33	112.9	YU3	S2AU	ID3	SWDL
YI44	112.9	YU4	S2AU	ID4	SWDL
YI55	112.9	YU5	S2AU	ID5	SWDL
YIC6	112.9	YUC	S2AU	ID6	SWDL
WE11	111.5	WU1	S3UL	ED1	WHDL
WE22	111.5	WU2	S3UL	ED2	WHDL
WE33	111.5	WU3	S3UL	ED3	WHDL
WE44	111.5	WU4	S3UL	ED4	WHDL
WE55	111.5	WU5	S3UL	ED5	WHDL
WEC6	111.5	WUC	S3UL	ED6	WHDL
WF11	109.3	WU1	S3UL	FD1	EHDL
WF22	109.3	WU2	S3UL	FD2	EHDL
WF33	109.3	WU3	S3UL	FD3	EHDL
WF44	109.3	WU4	S3UL	FD4	EHDL
WF55	109.3	WU5	S3UL	FD5	EHDL
WFC6	109.3	WUC	S3UL	FD6	EHDL
WG11	105.9	WU1	S3UL	GD1	NWDL
WG22	105.9	WU2	S3UL	GD2	NWDL
WG33	105.9	WU3	S3UL	GD3	NWDL
WG44	105.9	WU4	S3UL	GD4	NWDL
WG55	105.9	WU5	S3UL	GD5	NWDL
WGC6	105.9	WUC	S3UL	GD6	NWDL
WJ11	108.9	WU1	S3UL	JD1	SEDL
WJ22	108.9	WU2	S3UL	JD2	SEDL

WJ33	108.9	WU3	S3UL	JD3	SEDL
WJ44	108.9	WU4	S3UL	JD4	SEDL
WJ55	108.9	WU5	S3UL	JD5	SEDL
WJC6	108.9	WUC	S3UL	JD6	SEDL
WH11	106.2	WU1	S3UL	HD1	NEDL
WH22	106.2	WU2	S3UL	HD2	NEDL
WH33	106.2	WU3	S3UL	HD3	NEDL
WH44	106.2	WU4	S3UL	HD4	NEDL
WH55	106.2	WU5	S3UL	HD5	NEDL
WHC6	106.2	WUC	S3UL	HD6	NEDL
WI11	106.7	WU1	S3UL	ID1	SWDL
WI22	106.7	WU2	S3UL	ID2	SWDL
WI33	106.7	WU3	S3UL	ID3	SWDL
WI44	106.7	WU4	S3UL	ID4	SWDL
WI55	106.7	WU5	S3UL	ID5	SWDL
WIC6	106.7	WUC	S3UL	ID6	SWDL
XE11	111.5	XU1	S3XU	ED1	WHDL
XE22	111.5	XU2	S3XU	ED2	WHDL
XE33	111.5	XU3	S3XU	ED3	WHDL
XE44	111.5	XU4	S3XU	ED4	WHDL
XE55	111.5	XU5	S3XU	ED5	WHDL
XEC6	111.5	XUC	S3XU	ED6	WHDL
XF11	109.3	XU1	S3XU	FD1	EHDL
XF22	109.3	XU2	S3XU	FD2	EHDL
XF33	109.3	XU3	S3XU	FD3	EHDL
XF44	109.3	XU4	S3XU	FD4	EHDL
XF55	109.3	XU5	S3XU	FD5	EHDL
XFC6	109.3	XUC	S3XU	FD6	EHDL
XG11	105.9	XU1	S3XU	GD1	NWDL
XG22	105.9	XU2	S3XU	GD2	NWDL
XG33	105.9	XU3	S3XU	GD3	NWDL
XG44	105.9	XU4	S3XU	GD4	NWDL
XG55	105.9	XU5	S3XU	GD5	NWDL
XGC6	105.9	XUC	S3XU	GD6	NWDL
XJ11	108.9	XU1	S3XU	JD1	SEDL
XJ22	108.9	XU2	S3XU	JD2	SEDL
XJ33	108.9	XU3	S3XU	JD3	SEDL
XJ44	108.9	XU4	S3XU	JD4	SEDL
XJ55	108.9	XU5	S3XU	JD5	SEDL

XJC6	108.9	XUC	S3XU	JD6	SEDL
XH11	106.2	XU1	S3XU	HD1	NEDL
XH22	106.2	XU2	S3XU	HD2	NEDL
XH33	106.2	XU3	S3XU	HD3	NEDL
XH44	106.2	XU4	S3XU	HD4	NEDL
XH55	106.2	XU5	S3XU	HD5	NEDL
XHC6	106.2	XUC	S3XU	HD6	NEDL
XI11	106.7	XU1	S3XU	ID1	SWDL
XI22	106.7	XU2	S3XU	ID2	SWDL
XI33	106.7	XU3	S3XU	ID3	SWDL
XI44	106.7	XU4	S3XU	ID4	SWDL
XI55	106.7	XU5	S3XU	ID5	SWDL
XIC6	106.7	XUC	S3XU	ID6	SWDL

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S11. DIGITAL MODULATION PARAMETERS For each digital emission provide:

(a) Digital Mod. ID	(b) Emission Designator	(c) Assigned Bandwidth (kHz)	(d) No. of Phases	(e)Uncoded Data Rate (kbps)	(f) FEC Error Correction Coding Rate	(g) CDMA Processing Gain (dB)	(h) Total C/N Performance Objective (dB)	(i) Single Entry C/I Objective (dB)
D1	36M0G7W	36000	4	24575	0.5		3.4	12
D2	10M3G7W	10300	4	6000	0.5		3.9	14.3
D3	100KG7W	100	4	64	0.5		3	13.5
D4	112MG7W	112000	4	76436	0.5		3.4	15.9
D5	1M45G7W	1450	2	512	0.5		3.4	14
D6	400KG7W	400	2	128	0.5		3.4	13.4
D7	77M0G7W	77000	4	52500	0.5		3.4	13.1
D8	34M0G7W	34000	4	23204	0.5		3.4	14.3

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S12. ANALOG MODULATION PARAMETERS For each analog emission provide:

(a) Analog Mod. ID	(b) Emission Designator	(c) Assigned Bandwidth (kHz)	(d) Signal Type	(e) Channels per Carrier	Multi-channel Telephony				(j) Video Standard NTSC, PAL, etc.	(k) Video Noise-Weighting (dB)	(l) Video and SCPC/FM Modulation Index	(m) SCPC/FM Compander, Preemphasis, and Noise Weighting (dB)	(n) Total C/N Performance Objective (dB)	(o) Single Entry C/I Objective (dB)
					(f) Ave. Companded Talker Level (dBm0)	(g) Bottom Baseband Freq. (MHz)	(h) Top Baseband Freq. (MHz)	(i) RMS Modulation Index						
A1	36M0F3F	36000	TV/FM	1					PAL	15.6	1.5		10	21.1
A2	30M0F3F	30000	TV/FM	1					PAL	15.6	1.5		10	15.8

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S13. TYPICAL EMISSIONS For each planned type of emission provide:

Associated Transponder ID Range		Modulation ID		(e) Carriers per Transponder	(f) Carrier Spacing (kHz)	(g)Noise Budget Reference (Table No.)	(h) Energy Dispersal Bandwidth (kHz)	Receive Band (Assoc. Transmit Stn)			Transmit Band (This Space Station)			
								(i)Assoc. Stn. Max. Antenna Gain (dBi)	Assoc. Station Transmit Power (dBW)		EIRP (dBW)		(n) Max. Power Flux Density (dBW/m2/Hz)	(o)Assoc. Stn Rec. G/T (dB/K)
(a) Start	(b) End	(c) Digital (Table S11)	(d) Analog (Table S12)						(j) Min.	(k) Max.	(l) Min.	(m) Max.		
AAA	XIC6		A1	1		IS-709_Link_B	4000	58.4	19.6	23.6	25.5	29.5	-162.6	33
AAA	XIC6	D1		1		S13_SCHEDUL		58.4	12.6	16.6	25.5	29.5	-171.4	26.2
AAA	XIC6	D2		2	10300	S13_SCHEDUL		58.4	5.7	9.7	18.3	22.3	-172.1	26.6
AAA	XIC6	D3		259	100	S13_SCHEDUL		58.4	-14.7	-10.7	-2.2	1.8	-173.1	26.6
AAA	XIC6		A1	1		S13_SCHEDUL	4000	56.4	19.6	23.6	30.8	36.8	-155.3	28.4
AAA	XIC6	D1		1		S13_SCHEDUL		52.8	12	16	23.5	29.5	-171.4	34.5
AAA	XIC6	D2		3	10300	S13_SCHEDUL		58.4	6.2	10.2	17.1	23.1	-171.3	28.4
AAA	XIC6	D3		360	100	S13_SCHEDUL		58.4	-14.2	-10.2	-3.3	2.7	-172.2	28.4
AAA	XIC6		A1	1		S13_SCHEDUL	4000	56.4	19.6	23.6	32.3	36.3	-155.8	26.6
AAA	XIC6	D1		1		S13_SCHEDUL		55.4	12.2	16.2	25.8	29.8	-171.1	26.2
AAA	XIC6	D2		3	10300	S13_SCHEDUL		58.4	4.9	8.9	19.3	23.3	-171.1	26.6
AAA	XIC6	D3		360	100	S13_SCHEDUL		56.4	-13.6	-9.6	-1.2	2.8	-172.1	26.6
AAA	XIC6		A1	1		S13_SCHEDUL	4000	58.4	18.8	24.8	25.5	29.5	-162.6	33
AAA	XIC6	D1		1		S13_SCHEDUL		55.4	10.8	16.8	25.2	29.2	-171.7	26.6
AAA	XIC6	D2		2	10300	S13_SCHEDUL		58.4	4	10	18.4	22.4	-172	26.6
AAA	XIC6	D3		250	100	S13_SCHEDUL		58.4	-16.4	-10.4	-2	2	-172.9	26.6
AAA	XIC6		A1	1		S13_SCHEDUL	4000	56.4	17.8	23.8	30.8	36.8	-155.3	28.4
AAA	XIC6	D1		1		S13_SCHEDUL		58.4	10.8	16.8	23.7	29.7	-171.2	28.4
AAA	XIC6	D2		3	10300	S13_SCHEDUL		58.4	3.2	9.2	16.9	22.9	-171.5	29.4
AAA	XIC6	D3		360	100	S13_SCHEDUL		58.4	-16.6	-10.6	-3	3	-171.9	28.4
AAA	XIC6		A1	1		S13_SCHEDUL	4000	58.4	17.8	23.8	31.9	35.9	-156.2	26.6
AAA	XIC6	D1		1		S13_SCHEDUL		58.4	9.8	15.8	25.8	29.8	-171.1	26.2
AAA	XIC6	D2		3	10300	S13_SCHEDUL		58.4	4.3	10.3	19.1	23.1	-171.3	26.6
AAA	XIC6	D3		360	100	S13_SCHEDUL		58.4	-15.7	-9.7	-0.9	3.1	-171.8	26.2
AAA	XIC6		A1	1		S13_SCHEDUL	4000	58.4	17.8	23.8	32.3	36.3	-155.8	26.6
AAA	XIC6	D1		1		S13_SCHEDUL		58.4	9.4	15.4	25.8	29.8	-171.1	26.2
AAA	XIC6	D2		3	10300	S13_SCHEDUL		58.4	4	10	19.2	23.2	-171.2	26.6
AAA	XIC6	D3		360	100	S13_SCHEDUL		58.4	-16	-10	-0.8	3.2	-171.7	26.2
AAA	XIC6		A1	1		S13_SCHEDUL	4000	58.4	18.5	22.5	25.5	29.5	-162.6	33

AAA	XIC6	D1		1		S13_SCHEDUL		56.4	12.5	16.5	25.5	29.5	-171.4	26.2
AAA	XIC6	D2		2	10300	S13_SCHEDUL		58.4	5.9	9.9	18.6	22.6	-171.8	26.2
AAA	XIC6	D3		240	100	S13_SCHEDUL		58.4	-14.5	-10.5	-1.8	2.2	-172.7	26.2
AAA	XIC6		A1	1		S13_SCHEDUL	4000	54.1	19.8	23.8	30.8	36.8	-155.3	28.4
AAA	XIC6	D1		1		S13_SCHEDUL		54.1	11.8	15.8	23.7	29.7	-171.2	28.4
AAA	XIC6	D2		3	10300	S13_SCHEDUL		56.4	6.3	10.3	17.3	23.3	-171.1	28.4
AAA	XIC6	D3		360	100	S13_SCHEDUL		56.4	-14.2	-10.2	-3.2	2.8	-172.1	28.4
AAA	XIC6		A1	1		S13_SCHEDUL	4000	55.4	19	23	30.8	36.8	-155.3	28.4
AAA	XIC6	D1		1		S13_SCHEDUL		58.4	12	16	23.7	29.7	-171.2	26.6
AAA	XIC6	D2		3	10300	S13_SCHEDUL		58.4	4.7	8.7	17.2	23.2	-171.2	28.4
AAA	XIC6	D3		360	100	S13_SCHEDUL		58.4	-15.7	-11.7	-3.3	2.7	-172.2	28.4
AAA	XIC6		A1	1		S13_SCHEDUL	4000	56.4	20	24	31.9	35.9	-156.2	26.6
AAA	XIC6	D1		1		S13_SCHEDUL		54.1	12.3	16.3	25.8	29.8	-171.1	26.2
AAA	XIC6	D2		3	10300	S13_SCHEDUL		58.4	5.7	9.7	19.3	23.3	-171.1	26.2
AAA	XIC6	D3		360	100	S13_SCHEDUL		58.4	-14.8	-10.8	-1.2	2.8	-172.1	26.2
AAA	XIC6		A1	1		S13_SCHEDUL	4000	58.4	18.5	22.5	32.3	36.3	-155.8	26.2
AAA	XIC6	D1		1		S13_SCHEDUL		54.1	12.3	16.3	25.7	29.7	-171.2	26.2
AAA	XIC6	D2		3	10300	S13_SCHEDUL		58.4	5.8	9.8	19.3	23.3	-171.1	26.2
AAA	XIC6	D3		360	100	S13_SCHEDUL		58.4	-14.6	-10.6	-1.1	2.9	-172	26.2
AAA	XIC6	D4		1		S13_SCHEDUL		56.9	18.9	22.9	43.2	47.2	-158.6	25
AAA	XIC6		A1	3	36000	S13_SCHEDUL	4000	56.9	13.5	17.5	32.9	36.9	-155.2	38
AAA	XIC6	D2		10	10300	S13_SCHEDUL		56.9	-0.7	3.3	23.7	27.7	-166.7	33.1
AAA	XIC6	D5		51	1450	S13_SCHEDUL		56.9	-3.5	0.5	21	25	-162	26.7
AAA	XIC6	D6		280	400	S13_SCHEDUL		49.7	-7.8	-3.8	9.4	13.4	-167.6	33.1
AAA	XIC6	D3		1120	100	S13_SCHEDUL		56.9	-21	-17	3.4	7.4	-167.5	33.1
AAA	XIC6		A1	2	36000	S13_SCHEDUL	4000	55.4	17.7	23.7	35.2	39.2	-152.9	38
AAA	XIC6	D7		1		S13_SCHEDUL		58.4	13.8	19.8	43.2	47.2	-157	25
AAA	XIC6	D2		7	10300	S13_SCHEDUL		58.4	4	10	29.6	33.6	-160.8	26.7
AAA	XIC6	D3		770	100	S13_SCHEDUL		58.4	-16.3	-10.3	9.2	13.2	-161.7	26.7
AAA	XIC6		A1	2	36000	S13_SCHEDUL	4000	58.4	13.6	17.6	35	39	-153.1	41.9
AAA	XIC6	D7		1		S13_SCHEDUL		58.4	15	19	43.2	47.2	-157	22.3
AAA	XIC6	D2		5	10300	S13_SCHEDUL		58.4	4.7	8.7	31	35	-159.4	25
AAA	XIC6	D3		552	100	S13_SCHEDUL		58.4	-15.6	-11.6	10.7	14.7	-160.2	25
AAA	XIC6		A2	1		S13_SCHEDUL	4000	56.9	19.9	23.9	30.8	36.8	-155.3	26.6
AAA	XIC6	D8		1		S13_SCHEDUL		56.9	13.8	17.8	23.6	29.6	-171	28.4
AAA	XIC6	D2		3	10300	S13_SCHEDUL		56.9	9.2	13.2	16.2	22.2	-172.2	28.4
AAA	XIC6	D3		340	100	S13_SCHEDUL		56.9	-11.1	-7.1	-4.1	1.9	-173	28.4
AAA	XIC6		A2	1		S13_SCHEDUL	4000	56.9	19.9	23.9	31.9	35.9	-156.2	26.2
AAA	XIC6	D8		1		S13_SCHEDUL		56.9	14.5	18.5	25.4	29.4	-171.2	26.6

AAA	XIC6	D2		3	10300	S13_SCHEDUL		56.9	9.5	13.5	18.6	22.6	-171.8	26.2
AAA	XIC6	D3		340	100	S13_SCHEDUL		56.9	-10.7	-6.7	-1.6	2.4	-172.5	26.2

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S14. Is the space station(s) controlled and monitored remotely? If Yes, provide the location and telephone number of the TT and C control point(s): #Error

Remote Control (TT C) Location(s):

S14a: Street Address: 3400 INTERNATIONAL DRIVE			
S14b. City: WASHINGTON	S14c. County:	S14d. State/Country DC	S14e. Zip Code: 20008
S14f. Telephone Number: 202 944-7701	S14g. Call Sign of Control Station (if appropriate):		

S15. SPACECRAFT PHYSICAL CHARACTERISTICS:

S16. SPACECRAFT ELECTRICAL CHARACTERISTICS:

S17. CERTIFICATIONS:

a. Are the power flux density limits of § 25.208 met?:		**YES**	#	**NO**	#	**N/A**
b. Are the appropriate service area coverage requirements of § 25.143(b)(ii) and (iii), or § 25.145(c)(1) and (2) met?		**YES**	#	**NO**	#	**N/A**
c. Are the frequency tolerances of § 25.202(e) and the out-of-band emission limits of § 25.202(f)(1), (2) and (3) met?		**YES**	#	**NO**	#	**N/A**

In addition to the information required in this Form, the space station applicant is required to provide all the information specified in Section 25.114 of the Commission's rules, 47 C.F.R § 25.114.