

FEDERAL COMMUNICATIONS COMMISSION
SATELLITE SPACE STATION AUTHORIZATIONS
(Technical and Operational Description)

S1. GENERAL INFORMATION Complete for all satellite applications.

a. Space Station or Satellite Network Name: INTELSAT 705		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: ☒ 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): 29.5 W		b. Alternate Orbital Longitude (Degrees E/W):		c. Reason for orbital location selection: Provide service to the visible portions of North America and Asia, Africa, Europe and South America
Longitudinal Tolerance or E/W Station-Keeping:		f. Inclination Excursion or N/S Station-Keeping Tolerance:	Range of orbital are in which adequate service can be provided (Optional): Degrees E/W	
d. Toward West:	0.05 Degrees		g. Westernmost:	
e. Toward East:	0.05 Degrees	0.05 Degrees	h. Easternmost:	
i. Reason for service are selection (Optional):				

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Page 2: NGSO Orbits

S4. ORBITAL INFORMATION FOR NON-GEOSTATIONARY SATELLITES ONLY

S4a. Total Number of Satellites in Network or System:

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

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

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 initial phase angle.

(a) Orbital Plane No.	(b) Satellite Number	(c) Initial Phase Angle (Degrees)
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NO NGSO DATA FILED

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Page 3: Service Areas

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		North America and South America
2	S		Africa, Europe and Asia
3	S		North America, Central America and Northern South America
4	S		Europe, Northern Africa and Western Asia
5	S		Southern South America
6	S		Southern Africa
7	S		North America, Central America, Northern South America, Southern Africa
8	S		Southern South America, Europe, Northern Africa, Western Asia
9	S		Global

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Page 4: Antenna Beams

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 Iso- lation (dB)	(h) Polar- ization Switch- able? (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 Noise 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	-92.9	14	1
GBU	R	20.3	16.3	0.14	0.12		N		9					-7	-92.6	14	1
WHU	R	25.6	19.6	0.14	0.12		N		1					-1.5	-91.6	14	1
EHU	R	24.1	18.1	0.14	0.12		N		2					-3	-91.8	14	1
NWU	R	27	23	0.14	0.12		N		3					0	-91.8	14	1
NEU	R	27.9	23.9	0.14	0.12		N		4					1	-91	14	1
SWU	R	28.7	24.7	0.14	0.12		N		5					0.9	-91	14	1
SEUL	R	26.8	22.8	0.14	0.12		N		6					-0.5	-92.5	14	1
X1UL	R	23.9	19.9	0.14	0.12		N		7					-3.5	-91.3	14	1
X2UL	R	24.9	20.9	0.14	0.12		N		8					-2.5	-90.3	14	1
CAU	R	30.3	26.3	0.14	0.12		N		9					3	-95.4	14	1
CBU	R	30.3	26.3	0.14	0.12		N		9					3	-95.4	14	1
S1UL	R	36.9	32.9	0.14	0.12		N		09					9.5	-91.7	14	1
S2UL	R	34.8	30.8	0.14	0.12		N		909					7	-93.1	14	1
S2AU	R	32.9	28.9	0.14	0.12		N		909					5	-93.2	14	1
S3UL	R	37.8	33.8	0.14	0.12		N		09					10	-92.9	14	1
S3XU	R	37.8	33.8	0.14	0.12		N		909					10	-92.9	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	27.5	21.5	0.14	0.12		N		1			38.3					
EHD	T	23.8	17.8	0.14	0.12		N		2			36.8					
NWD	T	28.1	24.1	0.14	0.12		N		3			38.5					
NED	T	28.5	24.5	0.14	0.12		N		4			36.7					
SWD	T	30.7	26.7	0.14	0.12		N		5			38.4					
SEDL	T	28.2	24.2	0.14	0.12		N		6			37.9					
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		909			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	0	9			19.8					
BNC	T	10.7	8.1	0.14	0.12		N	90	9			11.8					

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Page 5: Beam Diagrams

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	-29.5		gaul.gxt					
GBU	R	C	-29.5		gbul.gxt					
WHU	R	C	-29.5		whul.gxt					
EHU	R	C	-29.5		ehul.gxt					
NWU	R	C	-29.5		nwul.gxt					
NEU	R	C	-29.5		neul.gxt					
SWU	R	C	-29.5		swul.gxt					
SEUL	R	C	-29.5		seul.gxt					
X1UL	R	C	-29.5		x1ul.gxt					
X2UL	R	C	-29.5		x2ul.gxt					
CAU	R	C	-29.5		caul.gxt					
CBU	R	C	-29.5		cbul.gxt					
S1UL	R	C	-29.5		s1ul.gxt					
S2UL	R	C	-29.5		s2ul.gxt					
S2AU	R	C	-29.5		s2au.gxt					
S3UL	R	C	-29.5		s3ul.gxt					
S3XU	R	C	-29.5		s3xu.gxt					
CMD	R	C	-29.5		cmd.gxt					
GAD	T	C	-29.5		gadl.gxt	-163.8	-163.7	-163.5	-163.4	-163.3
GBD	T	C	-29.5		gbdl.gxt	-162.8	-162.7	-162.5	-164.5	-162.3
WHD	T	C	-29.5		whdl.gxt	-155	-154.9	-154.7	-154.6	-154.5
EHD	T	C	-29.5		ehdl.gxt	-156.5	-156.4	-156.2	-156.1	-156
NWD	T	C	-29.5		nwdl.gxt	-154.8	-154.7	-154.5	-154.4	-154.3
NED	T	C	-29.5		nedl.gxt	-156.6	-156.5	-156.3	-156.2	-156.1
SWD	T	C	-29.5		swdl.gxt	-154.9	-154.8	-154.6	-154.5	-154.4
SEDL	T	C	-29.5		sedl.gxt	-155.4	-155.3	-155.1	-155	-154.9
CAD	T	C	-29.5		cadl.gxt	-157	-156.9	-156.7	-156.6	-156.5
CBD	T	C	-29.5		cbd1.gxt	-156.5	-156.4	-156.2	-156.1	-156

S1DL	T	C	-29.5		s1dl.gxt	-148	-145.5	-143	-142.8	-142.7
S2DL	T	C	-29.5		s2dl.gxt	-148	-145.5	-143.9	-143.8	-143.7
S2AD	T	C	-29.5		s2ad.gxt	-148	-146	-145.8	-145.7	-145.6
S3DL	T	C	-29.5		s3dl.gxt	-148	-145.5	-143	-142.4	-142.3
S3XD	T	C	-29.5		s3xd.gxt	-148	-145.5	-143	-142.4	-142.3
TLM	T	C	-29.5		tlmo.gxt	-173	-172.9	-172.8	-172.7	-172.6
TLM	T	C	-29.5		tlmb.gxt	-180.5	-180.4	-180.3	-180.2	-180.1
BNK1	T	C	-29.5		bnk1.gxt	-163.2	-163.1	-163	-162.9	-162.8
BNK2	T	C	-29.5		bnk2.gxt	-151	-150.9	-150.8	-150.7	-150.6
BNK3	T	C	-29.5		bnk3.gxt	-151.1	-151	-150.9	-150.8	-150.7
BNK4	T	C	-29.5		bnk4.gxt	-152.9	-152.8	-152.7	-152.6	-152.5
BNK5	T	C	-29.5		bnk5.gxt	-151.4	-151.3	-151.2	-151.1	-151
BNK6	T	C	-29.5		bnk6.gxt	-151.4	-151.3	-151.2	-151.1	-151
BNC	T	C	-29.5		bnc.gxt	-159.4	-159.3	-159.2	-159.1	-159

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Page 6: Channels and Transponders

S9. SPACE STATION CHANNELS For each frequency channel provide: S10. SPACE STATION TRANSPONDERS For each transponder 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

(a) Transponder ID	(b) Transponder Gain (dB)	Receive Band		Transmit Band	
		(c) Channel No.	(d) Beam ID	(e) Channel No.	(f) Beam ID
AAAA	118.9	AUA	GAUL	ADA	GADL
AABB	118.9	AUB	GAUL	ADB	GADL
AACC	118.9	AUC	GAUL	ADC	GADL
AADD	118.9	AUD	GAUL	ADD	GADL
ACAA	118.7	AUA	GAUL	CDA	CADL
ACBB	118.7	AUB	GAUL	CDB	CADL
ACCC	118.7	AUC	GAUL	CDC	CADL
ACDD	118.7	AUD	GAUL	CDD	CADL
AEAA	120.7	AUA	GAUL	EDA	WHDL
BBAA	119.6	BUA	GBUL	BDA	GBDL
BBBB	119.6	BUB	GBUL	BDB	GBDL
BBCC	119.6	BUC	GBUL	BDC	GBDL
BBDD	119.6	BUD	GBUL	BDD	GBDL
BDAA	118.9	BUA	GBUL	DDA	CBDL
BDBB	118.9	BUB	GBUL	ddb	CBDL
BDCC	118.9	BUC	GBUL	DDC	CBDL
BDDD	118.9	BUD	GBUL	DDD	CBDL
BFAA	122.6	BUA	GBUL	FDA	EHDl
CCAA	111.2	CUA	CAUL	CDA	CADL
CCBB	111.2	CUB	CAUL	CDB	CADL
CCCC	111.2	CUC	CAUL	CDC	CADL
CCDD	111.2	CUD	CAUL	CDD	CADL
CAAA	111.4	CUA	CAUL	ADA	GADL
CABB	111.4	CUB	CAUL	ADB	GADL
CACC	111.4	CUC	CAUL	ADC	GADL
CADD	111.4	CUD	CAUL	ADD	GADL
CEAA	113.2	CUA	CAUL	EDA	WHDL
DDAA	111.7	DUA	CBUL	DDA	CBDL
DDBB	111.7	DUB	CBUL	ddb	CBDL
DDCC	111.7	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	111.7	DUD	CBUL	DDD	CBDL
DAAA	112.4	DUA	CBUL	ADA	GBDL
DABB	112.4	DUB	CBUL	ADB	GBDL
DACC	112.4	DUC	CBUL	ADC	GBDL
DADD	112.4	DUD	CBUL	ADD	GBDL
DEAA	115.4	DUA	CBUL	EDA	EHDL
EE11	114.1	EU1	WHUL	ED1	WHDL
EE22	114.1	EU2	WHUL	ED2	WHDL
EE33	114.1	EU3	WHUL	ED3	WHDL
EE44	114.1	EU4	WHUL	ED4	WHDL
EE55	114.1	EU5	WHUL	ED5	WHDL
EE66	114.1	EU6	WHUL	ED6	WHDL
EEAA	114.1	EUA	WHUL	EDA	WHDL
EF11	116.3	EU1	WHUL	FD1	EHDL
EF22	116.3	EU2	WHUL	FD2	EHDL
EF33	116.3	EU3	WHUL	FD3	EHDL
EF44	116.3	EU4	WHUL	FD4	EHDL
EF55	116.3	EU5	WHUL	FD5	EHDL
EF66	116.3	EU6	WHUL	FD6	EHDL
EFAA	116.3	EUA	WHUL	FDA	EHDL
EG11	113.7	EU1	WHUL	GD1	NWDL
EG22	113.7	EU2	WHUL	GD2	NWDL
EG33	113.7	EU3	WHUL	GD3	NWDL
EG44	113.7	EU4	WHUL	GD4	NWDL
EG55	113.7	EU5	WHUL	GD5	NWDL
EG66	113.7	EU6	WHUL	GD6	NWDL
EGAA	113.7	EUA	WHUL	GDA	NWDL
EJ11	113	EU1	WHUL	JD1	SEDL
EJ22	113	EU2	WHUL	JD2	SEDL
EJ33	113	EU3	WHUL	JD3	SEDL
EJ44	113	EU4	WHUL	JD4	SEDL
EJ55	113	EU5	WHUL	JD5	SEDL
EJ66	113	EU6	WHUL	JD6	SEDL
EJAA	113	EUA	WHUL	JDA	SEDL
EH11	111.5	EU1	WHUL	HD1	NEDL
EH22	111.5	EU2	WHUL	HD2	NEDL
EH33	111.5	EU3	WHUL	HD3	NEDL
EH44	111.5	EU4	WHUL	HD4	NEDL
EH55	111.5	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	111.5	EU6	WHUL	HD6	NEDL
EHAA	111.5	EUA	WHUL	HDA	NEDL
EI11	111	EU1	WHUL	ID1	SWDL
EI22	111	EU2	WHUL	ID2	SWDL
EI33	111	EU3	WHUL	ID3	SWDL
EI44	111	EU4	WHUL	ID4	SWDL
EI55	111	EU5	WHUL	ID5	SWDL
EI66	111	EU6	WHUL	ID6	SWDL
EIAA	111	EUA	WHUL	IDA	SWDL
EA44	112.3	EUA	WHUL	ADA	GADL
ECAA	112.1	EUA	WHUL	CDA	CADL
FF11	118	FU1	EHUL	FD1	EHDL
FF22	118	FU2	EHUL	FD2	EHDL
FF33	118	FU3	EHUL	FD3	EHDL
FF44	118	FU4	EHUL	FD4	EHDL
FF55	118	FU5	EHUL	FD5	EHDL
FF66	118	FU6	EHUL	FD6	EHDL
FFAA	118	FUA	EHUL	FDA	EHDL
FE11	115.8	FU1	EHUL	ED1	WHDL
FE22	115.8	FU2	EHUL	ED2	WHDL
FE33	115.8	FU3	EHUL	ED3	WHDL
FE44	115.8	FU4	EHUL	ED4	WHDL
FE55	115.8	FU5	EHUL	ED5	WHDL
FE66	115.8	FU6	EHUL	ED6	WHDL
FEAA	115.8	FUA	EHUL	EDA	WHDL
FG11	115.4	FU1	EHUL	GD1	NWDL
FG22	115.4	FU2	EHUL	GD2	NWDL
FG33	115.4	FU3	EHUL	GD3	NWDL
FG44	115.4	FU4	EHUL	GD4	NWDL
FG55	115.4	FU5	EHUL	GD5	NWDL
FG66	115.4	FU6	EHUL	GD6	NWDL
FGAA	115.4	FUA	EHUL	GDA	NWDL
FJ11	114.7	FU1	EHUL	JD1	SEDL
FJ22	114.7	FU2	EHUL	JD2	SEDL
FJ33	114.7	FU3	EHUL	JD3	SEDL
FJ44	114.7	FU4	EHUL	JD4	SEDL
FJ55	114.7	FU5	EHUL	JD5	SEDL
FJ66	114.7	FU6	EHUL	JD6	SEDL
FJAA	114.7	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	113.2	FU1	EHUL	HD1	NEDL
FH22	113.2	FU2	EHUL	HD2	NEDL
FH33	113.2	FU3	EHUL	HD3	NEDL
FH44	113.2	FU4	EHUL	HD4	NEDL
FH55	113.2	FU5	EHUL	HD5	NEDL
FH66	113.2	FU6	EHUL	HD6	NEDL
FHAA	113.2	FUA	EHUL	HDA	NEDL
FI11	112.7	FU1	EHUL	ID1	SWDL
FI22	112.7	FU2	EHUL	ID2	SWDL
FI33	112.7	FU3	EHUL	ID3	SWDL
FI44	112.7	FU4	EHUL	ID4	SWDL
FI55	112.7	FU5	EHUL	ID5	SWDL
FI66	112.7	FU6	EHUL	ID6	SWDL
FIAA	112.7	FUA	EHUL	IDA	SWDL
FBAA	113	FUA	EHUL	BDA	GBDL
FDAA	114.3	FUA	EHUL	DDA	CBDL
GG11	112.5	GU1	NWUL	GD1	NWDL
GG22	112.5	GU2	NWUL	GD2	NWDL
GG33	112.5	GU3	NWUL	GD3	NWDL
GG44	112.5	GU4	NWUL	GD4	NWDL
GG55	112.5	GU5	NWUL	GD5	NWDL
GG66	112.5	GU6	NWUL	GD6	NWDL
GGAA	112.5	GUA	NWUL	GDA	NWDL
GJ11	111.8	GU1	NWUL	JD1	SEDL
GJ22	111.8	GU2	NWUL	JD2	SEDL
GJ33	111.8	GU3	NWUL	JD3	SEDL
GJ44	111.8	GU4	NWUL	JD4	SEDL
GJ55	111.8	GU5	NWUL	JD5	SEDL
GJ66	111.8	GU6	NWUL	JD6	SEDL
GJAA	111.8	GUA	NWUL	JDA	SEDL
GH11	110.3	GU1	NWUL	HD1	NEDL
GH22	110.3	GU2	NWUL	HD2	NEDL
GH33	110.3	GU3	NWUL	HD3	NEDL
GH44	110.3	GU4	NWUL	HD4	NEDL
GH55	110.3	GU5	NWUL	HD5	NEDL
GH66	110.3	GU6	NWUL	HD6	NEDL
GHAA	110.3	GUA	NWUL	HDA	NEDL
GI11	109.8	GU1	NWUL	ID1	SWDL
GI22	109.8	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	109.8	GU3	NWUL	ID3	SWDL
GI44	109.8	GU4	NWUL	ID4	SWDL
GI55	109.8	GU5	NWUL	ID5	SWDL
GI66	109.8	GU6	NWUL	ID6	SWDL
GIAA	109.8	GUA	NWUL	IDA	SWDL
GE11	112.9	GU1	NWUL	ED1	WHDL
GE22	112.9	GU2	NWUL	ED2	WHDL
GE33	112.9	GU3	NWUL	ED3	WHDL
GE44	112.9	GU4	NWUL	ED4	WHDL
GE55	112.9	GU5	NWUL	ED5	WHDL
GE66	112.9	GU6	NWUL	ED6	WHDL
GEAA	112.9	GUA	NWUL	EDA	WHDL
GF11	115.1	GU1	NWUL	FD1	EHDL
GF22	115.1	GU2	NWUL	FD2	EHDL
GF33	115.1	GU3	NWUL	FD3	EHDL
GF44	115.1	GU4	NWUL	FD4	EHDL
GF55	115.1	GU5	NWUL	FD5	EHDL
GF66	115.1	GU6	NWUL	FD6	EHDL
GFAA	115.1	GUA	NWUL	FDA	EHDL
JG11	113.4	JU1	SEUL	GD1	NWDL
JG22	113.4	JU2	SEUL	GD2	NWDL
JG33	113.4	JU3	SEUL	GD3	NWDL
JG44	113.4	JU4	SEUL	GD4	NWDL
JG55	113.4	JU5	SEUL	GD5	NWDL
JG66	113.4	JU6	SEUL	GD6	NWDL
JGAA	113.4	JUA	SEUL	GDA	NWDL
JJ11	112.7	JU1	SEUL	JD1	SEDL
JJ22	112.7	JU2	SEUL	JD2	SEDL
JJ33	112.7	JU3	SEUL	JD3	SEDL
JJ44	112.7	JU4	SEUL	JD4	SEDL
JJ55	112.7	JU5	SEUL	JD5	SEDL
JJ66	112.7	JU6	SEUL	JD6	SEDL
JJAA	112.7	JUA	SEUL	JDA	SEDL
JH11	111.2	JU1	SEUL	HD1	NEDL
JH22	111.2	JU2	SEUL	HD2	NEDL
JH33	111.2	JU3	SEUL	HD3	NEDL
JH44	111.2	JU4	SEUL	HD4	NEDL
JH55	111.2	JU5	SEUL	HD5	NEDL
JH66	111.2	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	111.2	JUA	SEUL	HDA	NEDL
JI11	110.7	JU1	SEUL	ID1	SWDL
JI22	110.7	JU2	SEUL	ID2	SWDL
JI33	110.7	JU3	SEUL	ID3	SWDL
JI44	110.7	JU4	SEUL	ID4	SWDL
JI55	110.7	JU5	SEUL	ID5	SWDL
JI66	110.7	JU6	SEUL	ID6	SWDL
JIAA	110.7	JUA	SEUL	IDA	SWDL
JE11	113.8	JU1	SEUL	ED1	WHDL
JE22	113.8	JU2	SEUL	ED2	WHDL
JE33	113.8	JU3	SEUL	ED3	WHDL
JE44	113.8	JU4	SEUL	ED4	WHDL
JE55	113.8	JU5	SEUL	ED5	WHDL
JE66	113.8	JU6	SEUL	ED6	WHDL
JEAA	113.8	JUA	SEUL	EDA	WHDL
JF11	116	JU1	SEUL	FD1	EHDL
JF22	116	JU2	SEUL	FD2	EHDL
JF33	116	JU3	SEUL	FD3	EHDL
JF44	116	JU4	SEUL	FD4	EHDL
JF55	116	JU5	SEUL	FD5	EHDL
JF66	116	JU6	SEUL	FD6	EHDL
JFAA	116	JUA	SEUL	FDA	EHDL
HG11	110.8	HU1	NEUL	GD1	NWDL
HG22	110.8	HU2	NEUL	GD2	NWDL
HG33	110.8	HU3	NEUL	GD3	NWDL
HG44	110.8	HU4	NEUL	GD4	NWDL
HG55	110.8	HU5	NEUL	GD5	NWDL
HG66	110.8	HU6	NEUL	GD6	NWDL
HGAA	110.8	HUA	NEUL	GDA	NWDL
HJ11	110.1	HU1	NEUL	JD1	SEDL
HJ22	110.1	HU2	NEUL	JD2	SEDL
HJ33	110.1	HU3	NEUL	JD3	SEDL
HJ44	110.1	HU4	NEUL	JD4	SEDL
HJ55	110.1	HU5	NEUL	JD5	SEDL
HJ66	110.1	HU6	NEUL	JD6	SEDL
HJAA	110.1	HUA	NEUL	JDA	SEDL
HH11	108.6	HU1	NEUL	HD1	NEDL
HH22	108.6	HU2	NEUL	HD2	NEDL
HH33	108.6	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	108.6	HU4	NEUL	HD4	NEDL
HH55	108.6	HU5	NEUL	HD5	NEDL
HH66	108.6	HU6	NEUL	HD6	NEDL
HHA4	108.6	HUA	NEUL	HDA	NEDL
HI11	108.1	HU1	NEUL	ID1	SWDL
HI22	108.1	HU2	NEUL	ID2	SWDL
HI33	108.1	HU3	NEUL	ID3	SWDL
HI44	108.1	HU4	NEUL	ID4	SWDL
HI55	108.1	HU5	NEUL	ID5	SWDL
HI66	108.1	HU6	NEUL	ID6	SWDL
HIA4	108.1	HUA	NEUL	IDA	SWDL
HE11	111.2	HU1	NEUL	ED1	WHDL
HE22	111.2	HU2	NEUL	ED2	WHDL
HE33	111.2	HU3	NEUL	ED3	WHDL
HE44	111.2	HU4	NEUL	ED4	WHDL
HE55	111.2	HU5	NEUL	ED5	WHDL
HE66	111.2	HU6	NEUL	ED6	WHDL
HEA4	111.2	HUA	NEUL	EDA	WHDL
HF11	113.4	HU1	NEUL	FD1	EHD1
HF22	113.4	HU2	NEUL	FD2	EHD1
HF33	113.4	HU3	NEUL	FD3	EHD1
HF44	113.4	HU4	NEUL	FD4	EHD1
HF55	113.4	HU5	NEUL	FD5	EHD1
HF66	113.4	HU6	NEUL	FD6	EHD1
HFA4	113.4	HUA	NEUL	FDA	EHD1
IG11	110	IU1	SWUL	GD1	NWDL
IG22	110	IU2	SWUL	GD2	NWDL
IG33	110	IU3	SWUL	GD3	NWDL
IG44	110	IU4	SWUL	GD4	NWDL
IG55	110	IU5	SWUL	GD5	NWDL
IG66	110	IU6	SWUL	GD6	NWDL
IGA4	110	IUA	SWUL	GDA	NWDL
IJ11	109.3	IU1	SWUL	JD1	SEDL
IJ22	109.3	IU2	SWUL	JD2	SEDL
IJ33	109.3	IU3	SWUL	JD3	SEDL
IJ44	109.3	IU4	SWUL	JD4	SEDL
IJ55	109.3	IU5	SWUL	JD5	SEDL
IJ66	109.3	IU6	SWUL	JD6	SEDL
IJA4	109.3	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	107.8	IU1	SWUL	HD1	NEDL
IH22	107.8	IU2	SWUL	HD2	NEDL
IH33	107.8	IU3	SWUL	HD3	NEDL
IH44	107.8	IU4	SWUL	HD4	NEDL
IH55	107.8	IU5	SWUL	HD5	NEDL
IH66	107.8	IU6	SWUL	HD6	NEDL
IHAA	107.8	IUA	SWUL	HDA	NEDL
I11	107.3	IU1	SWUL	ID1	SWDL
I22	107.3	IU2	SWUL	ID2	SWDL
I33	107.3	IU3	SWUL	ID3	SWDL
I44	107.3	IU4	SWUL	ID4	SWDL
I55	107.3	IU5	SWUL	ID5	SWDL
I66	107.3	IU6	SWUL	ID6	SWDL
IAAA	107.3	IUA	SWUL	IDA	SWDL
IE11	110.4	IU1	SWUL	ED1	WHDL
IE22	110.4	IU2	SWUL	ED2	WHDL
IE33	110.4	IU3	SWUL	ED3	WHDL
IE44	110.4	IU4	SWUL	ED4	WHDL
IE55	110.4	IU5	SWUL	ED5	WHDL
IE66	110.4	IU6	SWUL	ED6	WHDL
IEAA	110.4	IUA	SWUL	EDA	WHDL
IF11	112.6	IU1	SWUL	FD1	EHDL
IF22	112.6	IU2	SWUL	FD2	EHDL
IF33	112.6	IU3	SWUL	FD3	EHDL
IF44	112.6	IU4	SWUL	FD4	EHDL
IF55	112.6	IU5	SWUL	FD5	EHDL
IF66	112.6	IU6	SWUL	FD6	EHDL
IFAA	112.6	IUA	SWUL	FDA	EHDL
KG11	115.1	KU1	X1UL	GD1	NWDL
KG22	115.1	KU2	X1UL	GD2	NWDL
KG33	115.1	KU3	X1UL	GD3	NWDL
KG44	115.1	KU4	X1UL	GD4	NWDL
KG55	115.1	KU5	X1UL	GD5	NWDL
KG66	115.1	KU6	X1UL	GD6	NWDL
KGAA	115.1	KUA	X1UL	GDA	NWDL
KJ11	114.4	KU1	X1UL	JD1	SEDL
KJ22	114.4	KU2	X1UL	JD2	SEDL
KJ33	114.4	KU3	X1UL	JD3	SEDL
KJ44	114.4	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	114.4	KU5	X1UL	JD5	SEDL
KJ66	114.4	KU6	X1UL	JD6	SEDL
KJAA	114.4	KUA	X1UL	JDA	SEDL
KH11	112.9	KU1	X1UL	HD1	NEDL
KH22	112.9	KU2	X1UL	HD2	NEDL
KH33	112.9	KU3	X1UL	HD3	NEDL
KH44	112.9	KU4	X1UL	HD4	NEDL
KH55	112.9	KU5	X1UL	HD5	NEDL
KH66	112.9	KU6	X1UL	HD6	NEDL
KHAA	112.9	KUA	X1UL	HDA	NEDL
KI11	112.4	KU1	X1UL	ID1	SWDL
KI22	112.4	KU2	X1UL	ID2	SWDL
KI33	112.4	KU3	X1UL	ID3	SWDL
KI44	112.4	KU4	X1UL	ID4	SWDL
KI55	112.4	KU5	X1UL	ID5	SWDL
KI66	112.4	KU6	X1UL	ID6	SWDL
KIAA	112.4	KUA	X1UL	IDA	SWDL
KE11	115.5	KU1	X1UL	ED1	WHDL
KE22	115.5	KU2	X1UL	ED2	WHDL
KE33	115.5	KU3	X1UL	ED3	WHDL
KE44	115.5	KU4	X1UL	ED4	WHDL
KE55	115.5	KU5	X1UL	ED5	WHDL
KE66	115.5	KU6	X1UL	ED6	WHDL
KEAA	115.5	KUA	X1UL	EDA	WHDL
KF11	117.7	KU1	X1UL	FD1	EHDL
KF22	117.7	KU2	X1UL	FD2	EHDL
KF33	117.7	KU3	X1UL	FD3	EHDL
KF44	117.7	KU4	X1UL	FD4	EHDL
KF55	117.7	KU5	X1UL	FD5	EHDL
KF66	117.7	KU6	X1UL	FD6	EHDL
KFAA	117.7	KUA	X1UL	FDA	EHDL
LG11	113.1	LU1	X2UL	GD1	NWDL
LG22	113.1	LU2	X2UL	GD2	NWDL
LG33	113.1	LU3	X2UL	GD3	NWDL
LG44	113.1	LU4	X2UL	GD4	NWDL
LG55	113.1	LU5	X2UL	GD5	NWDL
LG66	113.1	LU6	X2UL	GD6	NWDL
LGAA	113.1	LUA	X2UL	GDA	NWDL
LJ11	112.4	LU1	X2UL	JD1	SEDL

LJ22	112.4	LU2	X2UL	JD2	SEDL
LJ33	112.4	LU3	X2UL	JD3	SEDL
LJ44	112.4	LU4	X2UL	JD4	SEDL
LJ55	112.4	LU5	X2UL	JD5	SEDL
LJ66	112.4	LU6	X2UL	JD6	SEDL
LJAA	112.4	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	110.4	LU1	X2UL	ID1	SWDL
LI22	110.4	LU2	X2UL	ID2	SWDL
LI33	110.4	LU3	X2UL	ID3	SWDL
LI44	110.4	LU4	X2UL	ID4	SWDL
LI55	110.4	LU5	X2UL	ID5	SWDL
LI66	110.4	LU6	X2UL	ID6	SWDL
LIAA	110.4	LUA	X2UL	IDA	SWDL
LE11	113.5	LU1	X2UL	ED1	WHDL
LE22	113.5	LU2	X2UL	ED2	WHDL
LE33	113.5	LU3	X2UL	ED3	WHDL
LE44	113.5	LU4	X2UL	ED4	WHDL
LE55	113.5	LU5	X2UL	ED5	WHDL
LE66	113.5	LU6	X2UL	ED6	WHDL
LEAA	113.5	LUA	X2UL	EDA	WHDL
LF11	115.7	LU1	X2UL	FD1	EHDL
LF22	115.7	LU2	X2UL	FD2	EHDL
LF33	115.7	LU3	X2UL	FD3	EHDL
LF44	115.7	LU4	X2UL	FD4	EHDL
LF55	115.7	LU5	X2UL	FD5	EHDL
LF66	115.7	LU6	X2UL	FD6	EHDL
LFAA	115.7	LUA	X2UL	FDA	EHDL
SS11	113.2	SU1	S1UL	S1D1	S1DL
SS12	113.2	SU2	S1UL	S1D2	S1DL
SS13	113.2	SU3	S1UL	S1D3	S1DL
SS14	113.2	SU4	S1UL	S1D4	S1DL
SS15	113.2	SU5	S1UL	S1D5	S1DL

SS16	113.2	SU6	S1UL	S1D6	S1DL
SS17	113.2	SU7	S1UL	S1D7	S1DL
SU11	113.9	SU1	S1UL	U1D1	S2DL
SU12	113.9	SU2	S1UL	U1D2	S2DL
SU13	113.9	SU3	S1UL	U1D3	S2DL
SU14	113.9	SU4	S1UL	U1D4	S2DL
SU15	113.9	SU5	S1UL	U1D5	S2DL
SU16	113.9	SU6	S1UL	U1D6	S2DL
SU17	113.9	SU7	S1UL	U1D7	S2DL
SY11	113.8	SU1	S1UL	Y1D1	S2AD
SY12	113.8	SU2	S1UL	Y1D2	S2AD
SY13	113.8	SU3	S1UL	Y1D3	S2AD
SY14	113.8	SU4	S1UL	Y1D4	S2AD
SY15	113.8	SU5	S1UL	Y1D5	S2AD
SY16	113.8	SU6	S1UL	Y1D6	S2AD
SY17	113.8	SU7	S1UL	Y1D7	S2AD
SW11	113.2	SU1	S1UL	W1D1	S3DL
SW12	113.2	SU2	S1UL	W1D2	S3DL
SW13	113.2	SU3	S1UL	W1D3	S3DL
SW14	113.2	SU4	S1UL	W1D4	S3DL
SW15	113.2	SU5	S1UL	W1D5	S3DL
SW16	113.2	SU6	S1UL	W1D6	S3DL
SW17	113.2	SU7	S1UL	W1D7	S3DL
SX11	113.2	SU1	S1UL	X1D1	S3XD
SX12	113.2	SU2	S1UL	X1D2	S3XD
SX13	113.2	SU3	S1UL	X1D3	S3XD
SX14	113.2	SU4	S1UL	X1D4	S3XD
SX15	113.2	SU5	S1UL	X1D5	S3XD
SX16	113.2	SU6	S1UL	X1D6	S3XD
SX17	113.2	SU7	S1UL	X1D7	S3XD
US11	116.7	UU1	S2UL	S1D1	S1DL
US12	116.7	UU2	S2UL	S1D2	S1DL
US13	116.7	UU3	S2UL	S1D3	S1DL
US14	116.7	UU4	S2UL	S1D4	S1DL
US15	116.7	UU5	S2UL	S1D5	S1DL
US16	116.7	UU6	S2UL	S1D6	S1DL
US17	116.7	UU7	S2UL	S1D7	S1DL
UU11	117.4	UU1	S2UL	U1D1	S2DL
UU12	117.4	UU2	S2UL	U1D2	S2DL

UU13	117.4	UU3	S2UL	U1D3	S2DL
UU14	117.4	UU4	S2UL	U1D4	S2DL
UU15	117.4	UU5	S2UL	U1D5	S2DL
UU16	117.4	UU6	S2UL	U1D6	S2DL
UU17	117.4	UU7	S2UL	U1D7	S2DL
UY11	117.3	UU1	S2UL	Y1D1	S2AD
UY12	117.3	UU2	S2UL	Y1D2	S2AD
UY13	117.3	UU3	S2UL	Y1D3	S2AD
UY14	117.3	UU4	S2UL	Y1D4	S2AD
UY15	117.3	UU5	S2UL	Y1D5	S2AD
UY16	117.3	UU6	S2UL	Y1D6	S2AD
UY17	117.3	UU7	S2UL	Y1D7	S2AD
UW11	116.7	UU1	S2UL	W1D1	S3DL
UW12	116.7	UU2	S2UL	W1D2	S3DL
UW13	116.7	UU3	S2UL	W1D3	S3DL
UW14	116.7	UU4	S2UL	W1D4	S3DL
UW15	116.7	UU5	S2UL	W1D5	S3DL
UW16	116.7	UU6	S2UL	W1D6	S3DL
UW17	116.7	UU7	S2UL	W1D7	S3DL
UX11	116.7	UU1	S2UL	X1D1	S3XD
UX12	116.7	UU2	S2UL	X1D2	S3XD
UX13	116.7	UU3	S2UL	X1D3	S3XD
UX14	116.7	UU4	S2UL	X1D4	S3XD
UX15	116.7	UU5	S2UL	X1D5	S3XD
UX16	116.7	UU6	S2UL	X1D6	S3XD
UX17	116.7	UU7	S2UL	X1D7	S3XD
YS11	118.7	YU1	S2AU	S1D1	S1DL
YS12	118.7	YU2	S2AU	S1D2	S1DL
YS13	118.7	YU3	S2AU	S1D3	S1DL
YS14	118.7	YU4	S2AU	S1D4	S1DL
YS15	118.7	YU5	S2AU	S1D5	S1DL
YS16	118.7	YU6	S2AU	S1D6	S1DL
YS17	118.7	YU7	S2AU	S1D7	S1DL
YU11	119.4	YU1	S2AU	U1D1	S2DL
YU12	119.4	YU2	S2AU	U1D2	S2DL
YU13	119.4	YU3	S2AU	U1D3	S2DL
YU14	119.4	YU4	S2AU	U1D4	S2DL
YU15	119.4	YU5	S2AU	U1D5	S2DL
YU16	119.4	YU6	S2AU	U1D6	S2DL

YU17	119.4	YU7	S2AU	U1D7	S2DL
YY11	119.3	YU1	S2AU	Y1D1	S2AD
YY12	119.3	YU2	S2AU	Y1D2	S2AD
YY13	119.3	YU3	S2AU	Y1D3	S2AD
YY14	119.3	YU4	S2AU	Y1D4	S2AD
YY15	119.3	YU5	S2AU	Y1D5	S2AD
YY16	119.3	YU6	S2AU	Y1D6	S2AD
YY17	119.3	YU7	S2AU	Y1D7	S2AD
YW11	118.7	YU1	S2AU	W1D1	S3DL
YW12	118.7	YU2	S2AU	W1D2	S3DL
YW13	118.7	YU3	S2AU	W1D3	S3DL
YW14	118.7	YU4	S2AU	W1D4	S3DL
YW15	118.7	YU5	S2AU	W1D5	S3DL
YW16	118.7	YU6	S2AU	W1D6	S3DL
YW17	118.7	YU7	S2AU	W1D7	S3DL
YX11	118.7	YU1	S2AU	X1D1	S3XD
YX12	118.7	YU2	S2AU	X1D2	S3XD
YX13	118.7	YU3	S2AU	X1D3	S3XD
YX14	118.7	YU4	S2AU	X1D4	S3XD
YX15	118.7	YU5	S2AU	X1D5	S3XD
YX16	118.7	YU6	S2AU	X1D6	S3XD
YX17	118.7	YU7	S2AU	X1D7	S3XD
WS11	113.5	WU1	S3UL	S1D1	S1DL
WS12	113.5	WU2	S3UL	S1D2	S1DL
WS13	113.5	WU3	S3UL	S1D3	S1DL
WS14	113.5	WU4	S3UL	S1D4	S1DL
WS15	113.5	WU5	S3UL	S1D5	S1DL
WS16	113.5	WU6	S3UL	S1D6	S1DL
WS17	113.5	WU7	S3UL	S1D7	S1DL
WU11	114.2	WU1	S3UL	U1D1	S2DL
WU12	114.2	WU2	S3UL	U1D2	S2DL
WU13	114.2	WU3	S3UL	U1D3	S2DL
WU14	114.2	WU4	S3UL	U1D4	S2DL
WU15	114.2	WU5	S3UL	U1D5	S2DL
WU16	114.2	WU6	S3UL	U1D6	S2DL
WU17	114.2	WU7	S3UL	U1D7	S2DL
WY11	114.1	WU1	S3UL	Y1D1	S2AD
WY12	114.1	WU2	S3UL	Y1D2	S2AD
WY13	114.1	WU3	S3UL	Y1D3	S2AD

WY14	114.1	WU4	S3UL	Y1D4	S2AD
WY15	114.1	WU5	S3UL	Y1D5	S2AD
WY16	114.1	WU6	S3UL	Y1D6	S2AD
WY17	114.1	WU7	S3UL	Y1D7	S2AD
WW11	113.5	WU1	S3UL	W1D1	S3DL
WW12	113.5	WU2	S3UL	W1D2	S3DL
WW13	113.5	WU3	S3UL	W1D3	S3DL
WW14	113.5	WU4	S3UL	W1D4	S3DL
WW15	113.5	WU5	S3UL	W1D5	S3DL
WW16	113.5	WU6	S3UL	W1D6	S3DL
WW17	113.5	WU7	S3UL	W1D7	S3DL
XS11	113.5	XU1	S3XU	S1D1	S1DL
XS12	113.5	XU2	S3XU	S1D2	S1DL
XS13	113.5	XU3	S3XU	S1D3	S1DL
XS14	113.5	XU4	S3XU	S1D4	S1DL
XS15	113.5	XU5	S3XU	S1D5	S1DL
XS16	113.5	XU6	S3XU	S1D6	S1DL
XS17	113.5	XU7	S3XU	S1D7	S1DL
XU11	114.2	XU1	S3XU	U1D1	S2DL
XU12	114.2	XU2	S3XU	U1D2	S2DL
XU13	114.2	XU3	S3XU	U1D3	S2DL
XU14	114.2	XU4	S3XU	U1D4	S2DL
XU15	114.2	XU5	S3XU	U1D5	S2DL
XU16	114.2	XU6	S3XU	U1D6	S2DL
XU17	114.2	XU7	S3XU	U1D7	S2DL
XY11	114.1	XU1	S3XU	Y1D1	S2AD
XY12	114.1	XU2	S3XU	Y1D2	S2AD
XY13	114.1	XU3	S3XU	Y1D3	S2AD
XY14	114.1	XU4	S3XU	Y1D4	S2AD
XY15	114.1	XU5	S3XU	Y1D5	S2AD
XY16	114.1	XU6	S3XU	Y1D6	S2AD
XY17	114.1	XU7	S3XU	Y1D7	S2AD
XX11	113.5	XU1	S3XU	X1D1	S3XD
XX12	113.5	XU2	S3XU	X1D2	S3XD
XX13	113.5	XU3	S3XU	X1D3	S3XD
XX14	113.5	XU4	S3XU	X1D4	S3XD
XX15	113.5	XU5	S3XU	X1D5	S3XD
XX16	113.5	XU6	S3XU	X1D6	S3XD
XX17	113.5	XU7	S3XU	X1D7	S3XD

SS21	113.2	SU1	S1UL	S2D1	S1DL
SS22	113.2	SU2	S1UL	S2D2	S1DL
SS23	113.2	SU3	S1UL	S2D3	S1DL
SS24	113.2	SU4	S1UL	S2D4	S1DL
SS25	113.2	SU5	S1UL	S2D5	S1DL
SS26	113.2	SU6	S1UL	S2D6	S1DL
SS27	113.2	SU7	S1UL	S2D7	S1DL
SU21	113.9	SU1	S1UL	U2D1	S2DL
SU22	113.9	SU2	S1UL	U2D2	S2DL
SU23	113.9	SU3	S1UL	U2D3	S2DL
SU24	113.9	SU4	S1UL	U2D4	S2DL
SU25	113.9	SU5	S1UL	U2D5	S2DL
SU26	113.9	SU6	S1UL	U2D6	S2DL
SU27	113.9	SU7	S1UL	U2D7	S2DL
SY21	113.8	SU1	S1UL	Y2D1	S2AD
SY22	113.8	SU2	S1UL	Y2D2	S2AD
SY23	113.8	SU3	S1UL	Y2D3	S2AD
SY24	113.8	SU4	S1UL	Y2D4	S2AD
SY25	113.8	SU5	S1UL	Y2D5	S2AD
SY26	113.8	SU6	S1UL	Y2D6	S2AD
SY27	113.8	SU7	S1UL	Y2D7	S2AD
SW21	113.2	SU1	S1UL	W2D1	S3DL
SW22	113.2	SU2	S1UL	W2D2	S3DL
SW23	113.2	SU3	S1UL	W2D3	S3DL
SW24	113.2	SU4	S1UL	W2D4	S3DL
SW25	113.2	SU5	S1UL	W2D5	S3DL
SW26	113.2	SU6	S1UL	W2D6	S3DL
SW27	113.2	SU7	S1UL	W2D7	S3DL
SX21	113.2	SU1	S1UL	X2D1	S3XD
SX22	113.2	SU2	S1UL	X2D2	S3XD
SX23	113.2	SU3	S1UL	X2D3	S3XD
SX24	113.2	SU4	S1UL	X2D4	S3XD
SX25	113.2	SU5	S1UL	X2D5	S3XD
SX26	113.2	SU6	S1UL	X2D6	S3XD
SX27	113.2	SU7	S1UL	X2D7	S3XD
US21	116.7	UU1	S2UL	S2D1	S1DL
US22	116.7	UU2	S2UL	S2D2	S1DL
US23	116.7	UU3	S2UL	S2D3	S1DL
US24	116.7	UU4	S2UL	S2D4	S1DL

US25	116.7	UU5	S2UL	S2D5	S1DL
US26	116.7	UU6	S2UL	S2D6	S1DL
US27	116.7	UU7	S2UL	S2D7	S1DL
UU21	117.4	UU1	S2UL	U2D1	S2DL
UU22	117.4	UU2	S2UL	U2D2	S2DL
UU23	117.4	UU3	S2UL	U2D3	S2DL
UU24	117.4	UU4	S2UL	U2D4	S2DL
UU25	117.4	UU5	S2UL	U2D5	S2DL
UU26	117.4	UU6	S2UL	U2D6	S2DL
UU27	117.4	UU7	S2UL	U2D7	S2DL
UY21	117.3	UU1	S2UL	Y2D1	S2AD
UY22	117.3	UU2	S2UL	Y2D2	S2AD
UY23	117.3	UU3	S2UL	Y2D3	S2AD
UY24	117.3	UU4	S2UL	Y2D4	S2AD
UY25	117.3	UU5	S2UL	Y2D5	S2AD
UY26	117.3	UU6	S2UL	Y2D6	S2AD
UY27	117.3	UU7	S2UL	Y2D7	S2AD
UW21	116.7	UU1	S2UL	W2D1	S3DL
UW22	116.7	UU2	S2UL	W2D2	S3DL
UW23	116.7	UU3	S2UL	W2D3	S3DL
UW24	116.7	UU4	S2UL	W2D4	S3DL
UW25	116.7	UU5	S2UL	W2D5	S3DL
UW26	116.7	UU6	S2UL	W2D6	S3DL
UW27	116.7	UU7	S2UL	W2D7	S3DL
UX21	116.7	UU1	S2UL	X2D1	S3XD
UX22	116.7	UU2	S2UL	X2D2	S3XD
UX23	116.7	UU3	S2UL	X2D3	S3XD
UX24	116.7	UU4	S2UL	X2D4	S3XD
UX25	116.7	UU5	S2UL	X2D5	S3XD
UX26	116.7	UU6	S2UL	X2D6	S3XD
UX27	116.7	UU7	S2UL	X2D7	S3XD
YS21	118.7	YU1	S2AU	S2D1	S1DL
YS22	118.7	YU2	S2AU	S2D2	S1DL
YS23	118.7	YU3	S2AU	S2D3	S1DL
YS24	118.7	YU4	S2AU	S2D4	S1DL
YS25	118.7	YU5	S2AU	S2D5	S1DL
YS26	118.7	YU6	S2AU	S2D6	S1DL
YS27	118.7	YU7	S2AU	S2D7	S1DL
YU21	119.4	YU1	S2AU	U2D1	S2DL

YU22	119.4	YU2	S2AU	U2D2	S2DL
YU23	119.4	YU3	S2AU	U2D3	S2DL
YU24	119.4	YU4	S2AU	U2D4	S2DL
YU25	119.4	YU5	S2AU	U2D5	S2DL
YU26	119.4	YU6	S2AU	U2D6	S2DL
YU27	119.4	YU7	S2AU	U2D7	S2DL
YY21	119.3	YU1	S2AU	Y2D1	S2AD
YY22	119.3	YU2	S2AU	Y2D2	S2AD
YY23	119.3	YU3	S2AU	Y2D3	S2AD
YY24	119.3	YU4	S2AU	Y2D4	S2AD
YY25	119.3	YU5	S2AU	Y2D5	S2AD
YY26	119.3	YU6	S2AU	Y2D6	S2AD
YY27	119.3	YU7	S2AU	Y2D7	S2AD
YW21	118.7	YU1	S2AU	W2D1	S3DL
YW22	118.7	YU2	S2AU	W2D2	S3DL
YW23	118.7	YU3	S2AU	W2D3	S3DL
YW24	118.7	YU4	S2AU	W2D4	S3DL
YW25	118.7	YU5	S2AU	W2D5	S3DL
YW26	118.7	YU6	S2AU	W2D6	S3DL
YW27	118.7	YU7	S2AU	W2D7	S3DL
YX21	118.7	YU1	S2AU	X2D1	S3XD
YX22	118.7	YU2	S2AU	X2D2	S3XD
YX23	118.7	YU3	S2AU	X2D3	S3XD
YX24	118.7	YU4	S2AU	X2D4	S3XD
YX25	118.7	YU5	S2AU	X2D5	S3XD
YX26	118.7	YU6	S2AU	X2D6	S3XD
YX27	118.7	YU7	S2AU	X2D7	S3XD
WS21	113.5	WU1	S3UL	S2D1	S1DL
WS22	113.5	WU2	S3UL	S2D2	S1DL
WS23	113.5	WU3	S3UL	S2D3	S1DL
WS24	113.5	WU4	S3UL	S2D4	S1DL
WS25	113.5	WU5	S3UL	S2D5	S1DL
WS26	113.5	WU6	S3UL	S2D6	S1DL
WS27	113.5	WU7	S3UL	S2D7	S1DL
WU21	114.2	WU1	S3UL	U2D1	S2DL
WU22	114.2	WU2	S3UL	U2D2	S2DL
WU23	114.2	WU3	S3UL	U2D3	S2DL
WU24	114.2	WU4	S3UL	U2D4	S2DL
WU25	114.2	WU5	S3UL	U2D5	S2DL

WU26	114.2	WU6	S3UL	U2D6	S2DL
WU27	114.2	WU7	S3UL	U2D7	S2DL
WY21	114.1	WU1	S3UL	Y2D1	S2AD
WY22	114.1	WU2	S3UL	Y2D2	S2AD
WY23	114.1	WU3	S3UL	Y2D3	S2AD
WY24	114.1	WU4	S3UL	Y2D4	S2AD
WY25	114.1	WU5	S3UL	Y2D5	S2AD
WY26	114.1	WU6	S3UL	Y2D6	S2AD
WY27	114.1	WU7	S3UL	Y2D7	S2AD
WW21	113.5	WU1	S3UL	W2D1	S3DL
WW22	113.5	WU2	S3UL	W2D2	S3DL
WW23	113.5	WU3	S3UL	W2D3	S3DL
WW24	113.5	WU4	S3UL	W2D4	S3DL
WW25	113.5	WU5	S3UL	W2D5	S3DL
WW26	113.5	WU6	S3UL	W2D6	S3DL
WW27	113.5	WU7	S3UL	W2D7	S3DL
XS21	113.5	XU1	S3XU	S2D1	S1DL
XS22	113.5	XU2	S3XU	S2D2	S1DL
XS23	113.5	XU3	S3XU	S2D3	S1DL
XS24	113.5	XU4	S3XU	S2D4	S1DL
XS25	113.5	XU5	S3XU	S2D5	S1DL
XS26	113.5	XU6	S3XU	S2D6	S1DL
XS27	113.5	XU7	S3XU	S2D7	S1DL
XU21	114.2	XU1	S3XU	U2D1	S2DL
XU22	114.2	XU2	S3XU	U2D2	S2DL
XU23	114.2	XU3	S3XU	U2D3	S2DL
XU24	114.2	XU4	S3XU	U2D4	S2DL
XU25	114.2	XU5	S3XU	U2D5	S2DL
XU26	114.2	XU6	S3XU	U2D6	S2DL
XU27	114.2	XU7	S3XU	U2D7	S2DL
XY21	114.1	XU1	S3XU	Y2D1	S2AD
XY22	114.1	XU2	S3XU	Y2D2	S2AD
XY23	114.1	XU3	S3XU	Y2D3	S2AD
XY24	114.1	XU4	S3XU	Y2D4	S2AD
XY25	114.1	XU5	S3XU	Y2D5	S2AD
XY26	114.1	XU6	S3XU	Y2D6	S2AD
XY27	114.1	XU7	S3XU	Y2D7	S2AD
XX21	113.5	XU1	S3XU	X2D1	S3XD
XX22	113.5	XU2	S3XU	X2D2	S3XD

XX23	113.5	XU3	S3XU	X2D3	S3XD
XX24	113.5	XU4	S3XU	X2D4	S3XD
XX25	113.5	XU5	S3XU	X2D5	S3XD
XX26	113.5	XU6	S3XU	X2D6	S3XD
XX27	113.5	XU7	S3XU	X2D7	S3XD
SS31	113.2	SU1	S1UL	S3D1	S1DL
SS32	113.2	SU2	S1UL	S3D2	S1DL
SS33	113.2	SU3	S1UL	S3D3	S1DL
SS34	113.2	SU4	S1UL	S3D4	S1DL
SS35	113.2	SU5	S1UL	S3D5	S1DL
SS36	113.2	SU6	S1UL	S3D6	S1DL
SS37	113.2	SU7	S1UL	S3D7	S1DL
SU31	113.9	SU1	S1UL	U3D1	S2DL
SU32	113.9	SU2	S1UL	U3D2	S2DL
SU33	113.9	SU3	S1UL	U3D3	S2DL
SU34	113.9	SU4	S1UL	U3D4	S2DL
SU35	113.9	SU5	S1UL	U3D5	S2DL
SU36	113.9	SU6	S1UL	U3D6	S2DL
SU37	113.9	SU7	S1UL	U3D7	S2DL
SY31	113.8	SU1	S1UL	Y3D1	S2AD
SY32	113.8	SU2	S1UL	Y3D2	S2AD
SY33	113.8	SU3	S1UL	Y3D3	S2AD
SY34	113.8	SU4	S1UL	Y3D4	S2AD
SY35	113.8	SU5	S1UL	Y3D5	S2AD
SY36	113.8	SU6	S1UL	Y3D6	S2AD
SY37	113.8	SU7	S1UL	Y3D7	S2AD
SW31	113.2	SU1	S1UL	W3D1	S3DL
SW32	113.2	SU2	S1UL	W3D2	S3DL
SW33	113.2	SU3	S1UL	W3D3	S3DL
SW34	113.2	SU4	S1UL	W3D4	S3DL
SW35	113.2	SU5	S1UL	W3D5	S3DL
SW36	113.2	SU6	S1UL	W3D6	S3DL
SW37	113.2	SU7	S1UL	W3D7	S3DL
SX31	113.2	SU1	S1UL	X3D1	S3XD
SX32	113.2	SU2	S1UL	X3D2	S3XD
SX33	113.2	SU3	S1UL	X3D3	S3XD
SX34	113.2	SU4	S1UL	X3D4	S3XD
SX35	113.2	SU5	S1UL	X3D5	S3XD
SX36	113.2	SU6	S1UL	X3D6	S3XD

SX37	113.2	SU7	S1UL	X3D7	S3XD
US31	116.7	UU1	S2UL	S3D1	S1DL
US32	116.7	UU2	S2UL	S3D2	S1DL
US33	116.7	UU3	S2UL	S3D3	S1DL
US34	116.7	UU4	S2UL	S3D4	S1DL
US35	116.7	UU5	S2UL	S3D5	S1DL
US36	116.7	UU6	S2UL	S3D6	S1DL
US37	116.7	UU7	S2UL	S3D7	S1DL
UU31	117.4	UU1	S2UL	U3D1	S2DL
UU32	117.4	UU2	S2UL	U3D2	S2DL
UU33	117.4	UU3	S2UL	U3D3	S2DL
UU34	117.4	UU4	S2UL	U3D4	S2DL
UU35	117.4	UU5	S2UL	U3D5	S2DL
UU36	117.4	UU6	S2UL	U3D6	S2DL
UU37	117.4	UU7	S2UL	U3D7	S2DL
UY31	117.3	UU1	S2UL	Y3D1	S2AD
UY32	117.3	UU2	S2UL	Y3D2	S2AD
UY33	117.3	UU3	S2UL	Y3D3	S2AD
UY34	117.3	UU4	S2UL	Y3D4	S2AD
UY35	117.3	UU5	S2UL	Y3D5	S2AD
UY36	117.3	UU6	S2UL	Y3D6	S2AD
UY37	117.3	UU7	S2UL	Y3D7	S2AD
UW31	116.7	UU1	S2UL	W3D1	S3DL
UW32	116.7	UU2	S2UL	W3D2	S3DL
UW33	116.7	UU3	S2UL	W3D3	S3DL
UW34	116.7	UU4	S2UL	W3D4	S3DL
UW35	116.7	UU5	S2UL	W3D5	S3DL
UW36	116.7	UU6	S2UL	W3D6	S3DL
UW37	116.7	UU7	S2UL	W3D7	S3DL
UX31	116.7	UU1	S2UL	X3D1	S3XD
UX32	116.7	UU2	S2UL	X3D2	S3XD
UX33	116.7	UU3	S2UL	X3D3	S3XD
UX34	116.7	UU4	S2UL	X3D4	S3XD
UX35	116.7	UU5	S2UL	X3D5	S3XD
UX36	116.7	UU6	S2UL	X3D6	S3XD
UX37	116.7	UU7	S2UL	X3D7	S3XD
YS31	118.7	YU1	S2AU	S3D1	S1DL
YS32	118.7	YU2	S2AU	S3D2	S1DL
YS33	118.7	YU3	S2AU	S3D3	S1DL

YS34	118.7	YU4	S2AU	S3D4	S1DL
YS35	118.7	YU5	S2AU	S3D5	S1DL
YS36	118.7	YU6	S2AU	S3D6	S1DL
YS37	118.7	YU7	S2AU	S3D7	S1DL
YU31	119.4	YU1	S2AU	U3D1	S2DL
YU32	119.4	YU2	S2AU	U3D2	S2DL
YU33	119.4	YU3	S2AU	U3D3	S2DL
YU34	119.4	YU4	S2AU	U3D4	S2DL
YU35	119.4	YU5	S2AU	U3D5	S2DL
YU36	119.4	YU6	S2AU	U3D6	S2DL
YU37	119.4	YU7	S2AU	U3D7	S2DL
YY31	119.3	YU1	S2AU	Y3D1	S2AD
YY32	119.3	YU2	S2AU	Y3D2	S2AD
YY33	119.3	YU3	S2AU	Y3D3	S2AD
YY34	119.3	YU4	S2AU	Y3D4	S2AD
YY35	119.3	YU5	S2AU	Y3D5	S2AD
YY36	119.3	YU6	S2AU	Y3D6	S2AD
YY37	119.3	YU7	S2AU	Y3D7	S2AD
YW31	118.7	YU1	S2AU	W3D1	S3DL
YW32	118.7	YU2	S2AU	W3D2	S3DL
YW33	118.7	YU3	S2AU	W3D3	S3DL
YW34	118.7	YU4	S2AU	W3D4	S3DL
YW35	118.7	YU5	S2AU	W3D5	S3DL
YW36	118.7	YU6	S2AU	W3D6	S3DL
YW37	118.7	YU7	S2AU	W3D7	S3DL
YX31	118.7	YU1	S2AU	X3D1	S3XD
YX32	118.7	YU2	S2AU	X3D2	S3XD
YX33	118.7	YU3	S2AU	X3D3	S3XD
YX34	118.7	YU4	S2AU	X3D4	S3XD
YX35	118.7	YU5	S2AU	X3D5	S3XD
YX36	118.7	YU6	S2AU	X3D6	S3XD
YX37	118.7	YU7	S2AU	X3D7	S3XD
WS31	113.5	WU1	S3UL	S3D1	S1DL
WS32	113.5	WU2	S3UL	S3D2	S1DL
WS33	113.5	WU3	S3UL	S3D3	S1DL
WS34	113.5	WU4	S3UL	S3D4	S1DL
WS35	113.5	WU5	S3UL	S3D5	S1DL
WS36	113.5	WU6	S3UL	S3D6	S1DL
WS37	113.5	WU7	S3UL	S3D7	S1DL

WU31	114.2	WU1	S3UL	U3D1	S2DL
WU32	114.2	WU2	S3UL	U3D2	S2DL
WU33	114.2	WU3	S3UL	U3D3	S2DL
WU34	114.2	WU4	S3UL	U3D4	S2DL
WU35	114.2	WU5	S3UL	U3D5	S2DL
WU36	114.2	WU6	S3UL	U3D6	S2DL
WU37	114.2	WU7	S3UL	U3D7	S2DL
WY31	114.1	WU1	S3UL	Y3D1	S2AD
WY32	114.1	WU2	S3UL	Y3D2	S2AD
WY33	114.1	WU3	S3UL	Y3D3	S2AD
WY34	114.1	WU4	S3UL	Y3D4	S2AD
WY35	114.1	WU5	S3UL	Y3D5	S2AD
WY36	114.1	WU6	S3UL	Y3D6	S2AD
WY37	114.1	WU7	S3UL	Y3D7	S2AD
WW31	113.5	WU1	S3UL	W3D1	S3DL
WW32	113.5	WU2	S3UL	W3D2	S3DL
WW33	113.5	WU3	S3UL	W3D3	S3DL
WW34	113.5	WU4	S3UL	W3D4	S3DL
WW35	113.5	WU5	S3UL	W3D5	S3DL
WW36	113.5	WU6	S3UL	W3D6	S3DL
WW37	113.5	WU7	S3UL	W3D7	S3DL
XS31	113.5	XU1	S3XU	S3D1	S1DL
XS32	113.5	XU2	S3XU	S3D2	S1DL
XS33	113.5	XU3	S3XU	S3D3	S1DL
XS34	113.5	XU4	S3XU	S3D4	S1DL
XS35	113.5	XU5	S3XU	S3D5	S1DL
XS36	113.5	XU6	S3XU	S3D6	S1DL
XS37	113.5	XU7	S3XU	S3D7	S1DL
XU31	114.2	XU1	S3XU	U3D1	S2DL
XU32	114.2	XU2	S3XU	U3D2	S2DL
XU33	114.2	XU3	S3XU	U3D3	S2DL
XU34	114.2	XU4	S3XU	U3D4	S2DL
XU35	114.2	XU5	S3XU	U3D5	S2DL
XU36	114.2	XU6	S3XU	U3D6	S2DL
XU37	114.2	XU7	S3XU	U3D7	S2DL
XY31	114.1	XU1	S3XU	Y3D1	S2AD
XY32	114.1	XU2	S3XU	Y3D2	S2AD
XY33	114.1	XU3	S3XU	Y3D3	S2AD
XY34	114.1	XU4	S3XU	Y3D4	S2AD

XY35	114.1	XU5	S3XU	Y3D5	S2AD
XY36	114.1	XU6	S3XU	Y3D6	S2AD
XY37	114.1	XU7	S3XU	Y3D7	S2AD
XX31	113.5	XU1	S3XU	X3D1	S3XD
XX32	113.5	XU2	S3XU	X3D2	S3XD
XX33	113.5	XU3	S3XU	X3D3	S3XD
XX34	113.5	XU4	S3XU	X3D4	S3XD
XX35	113.5	XU5	S3XU	X3D5	S3XD
XX36	113.5	XU6	S3XU	X3D6	S3XD
XX37	113.5	XU7	S3XU	X3D7	S3XD
ES11	117.2	EU1	WHUL	S1D1	S1DL
ES12	117.2	EU2	WHUL	S1D2	S1DL
ES13	117.2	EU3	WHUL	S1D3	S1DL
ES14	117.2	EU4	WHUL	S1D4	S1DL
ES15	117.2	EU5	WHUL	S1D5	S1DL
ES1C	117.2	EU6	WHUL	S1DC	S1DL
EU11	117.9	EU1	WHUL	U1D1	S2DL
EU12	117.9	EU2	WHUL	U1D2	S2DL
EU13	117.9	EU3	WHUL	U1D3	S2DL
EU14	117.9	EU4	WHUL	U1D4	S2DL
EU15	117.9	EU5	WHUL	U1D5	S2DL
EU1C	117.9	EU6	WHUL	U1DC	S2DL
EY11	117.8	EU1	WHUL	Y1D1	S2AD
EY12	117.8	EU2	WHUL	Y1D2	S2AD
EY13	117.8	EU3	WHUL	Y1D3	S2AD
EY14	117.8	EU4	WHUL	Y1D4	S2AD
EY15	117.8	EU5	WHUL	Y1D5	S2AD
EY1C	117.8	EU6	WHUL	Y1DC	S2AD
EW11	117.2	EU1	WHUL	W1D1	S3DL
EW12	117.2	EU2	WHUL	W1D2	S3DL
EW13	117.2	EU3	WHUL	W1D3	S3DL
EW14	117.2	EU4	WHUL	W1D4	S3DL
EW15	117.2	EU5	WHUL	W1D5	S3DL
EW1C	117.2	EU6	WHUL	W1DC	S3DL
EX11	117.2	EU1	WHUL	X1D1	S3XD
EX12	117.2	EU2	WHUL	X1D2	S3XD
EX13	117.2	EU3	WHUL	X1D3	S3XD
EX14	117.2	EU4	WHUL	X1D4	S3XD
EX15	117.2	EU5	WHUL	X1D5	S3XD

EX1C	117.2	EU6	WHUL	X1DC	S3XD
FS11	118.9	FU1	EHUL	S1D1	S1DL
FS12	118.9	FU2	EHUL	S1D2	S1DL
FS13	118.9	FU3	EHUL	S1D3	S1DL
FS14	118.9	FU4	EHUL	S1D4	S1DL
FS15	118.9	FU5	EHUL	S1D5	S1DL
FS1C	118.9	FU6	EHUL	S1DC	S1DL
FU11	119.6	FU1	EHUL	U1D1	S2DL
FU12	119.6	FU2	EHUL	U1D2	S2DL
FU13	119.6	FU3	EHUL	U1D3	S2DL
FU14	119.6	FU4	EHUL	U1D4	S2DL
FU15	119.6	FU5	EHUL	U1D5	S2DL
FU1C	119.6	FU6	EHUL	U1DC	S2DL
FY11	119.5	FU1	EHUL	Y1D1	S2AD
FY12	119.5	FU2	EHUL	Y1D2	S2AD
FY13	119.5	FU3	EHUL	Y1D3	S2AD
FY14	119.5	FU4	EHUL	Y1D4	S2AD
FY15	119.5	FU5	EHUL	Y1D5	S2AD
FY1C	119.5	FU6	EHUL	Y1DC	S2AD
FW11	118.9	FU1	EHUL	W1D1	S3DL
FW12	118.9	FU2	EHUL	W1D2	S3DL
FW13	118.9	FU3	EHUL	W1D3	S3DL
FW14	118.9	FU4	EHUL	W1D4	S3DL
FW15	118.9	FU5	EHUL	W1D5	S3DL
FW1C	118.9	FU6	EHUL	W1DC	S3DL
FX11	118.9	FU1	EHUL	X1D1	S3XD
FX12	118.9	FU2	EHUL	X1D2	S3XD
FX13	118.9	FU3	EHUL	X1D3	S3XD
FX14	118.9	FU4	EHUL	X1D4	S3XD
FX15	118.9	FU5	EHUL	X1D5	S3XD
FX1C	118.9	FU6	EHUL	X1DC	S3XD
GS11	116	GU1	NWUL	S1D1	S1DL
GS12	116	GU2	NWUL	S1D2	S1DL
GS13	116	GU3	NWUL	S1D3	S1DL
GS14	116	GU4	NWUL	S1D4	S1DL
GS15	116	GU5	NWUL	S1D5	S1DL
GS1C	116	GU6	NWUL	S1DC	S1DL
GU11	116.7	GU1	NWUL	U1D1	S2DL
GU12	116.7	GU2	NWUL	U1D2	S2DL

GU13	116.7	GU3	NWUL	U1D3	S2DL
GU14	116.7	GU4	NWUL	U1D4	S2DL
GU15	116.7	GU5	NWUL	U1D5	S2DL
GU1C	116.7	GU6	NWUL	U1DC	S2DL
GY11	116.6	GU1	NWUL	Y1D1	S2AD
GY12	116.6	GU2	NWUL	Y1D2	S2AD
GY13	116.6	GU3	NWUL	Y1D3	S2AD
GY14	116.6	GU4	NWUL	Y1D4	S2AD
GY15	116.6	GU5	NWUL	Y1D5	S2AD
GY1C	116.6	GU6	NWUL	Y1DC	S2AD
GW11	116	GU1	NWUL	W1D1	S3DL
GW12	116	GU2	NWUL	W1D2	S3DL
GW13	116	GU3	NWUL	W1D3	S3DL
GW14	116	GU4	NWUL	W1D4	S3DL
GW15	116	GU5	NWUL	W1D5	S3DL
GW1C	116	GU6	NWUL	W1DC	S3DL
GX11	116	GU1	NWUL	X1D1	S3XD
GX12	116	GU2	NWUL	X1D2	S3XD
GX13	116	GU3	NWUL	X1D3	S3XD
GX14	116	GU4	NWUL	X1D4	S3XD
GX15	116	GU5	NWUL	X1D5	S3XD
GX1C	116	GU6	NWUL	X1DC	S3XD
JS11	116.9	JU1	SEUL	S1D1	S1DL
JS12	116.9	JU2	SEUL	S1D2	S1DL
JS13	116.9	JU3	SEUL	S1D3	S1DL
JS14	116.9	JU4	SEUL	S1D4	S1DL
JS15	116.9	JU5	SEUL	S1D5	S1DL
JS1C	116.9	JU6	SEUL	S1DC	S1DL
JU11	117.6	JU1	SEUL	U1D1	S2DL
JU12	117.6	JU2	SEUL	U1D2	S2DL
JU13	117.6	JU3	SEUL	U1D3	S2DL
JU14	117.6	JU4	SEUL	U1D4	S2DL
JU15	117.6	JU5	SEUL	U1D5	S2DL
JU1C	117.6	JU6	SEUL	U1DC	S2DL
JY11	117.5	JU1	SEUL	Y1D1	S2AD
JY12	117.5	JU2	SEUL	Y1D2	S2AD
JY13	117.5	JU3	SEUL	Y1D3	S2AD
JY14	117.5	JU4	SEUL	Y1D4	S2AD
JY15	117.5	JU5	SEUL	Y1D5	S2AD

JY1C	117.5	JU6	SEUL	Y1DC	S2AD
JW11	116.9	JU1	SEUL	W1D1	S3DL
JW12	116.9	JU2	SEUL	W1D2	S3DL
JW13	116.9	JU3	SEUL	W1D3	S3DL
JW14	116.9	JU4	SEUL	W1D4	S3DL
JW15	116.9	JU5	SEUL	W1D5	S3DL
JW1C	116.9	JU6	SEUL	W1DC	S3DL
JX11	116.9	JU1	SEUL	X1D1	S3XD
JX12	116.9	JU2	SEUL	X1D2	S3XD
JX13	116.9	JU3	SEUL	X1D3	S3XD
JX14	116.9	JU4	SEUL	X1D4	S3XD
JX15	116.9	JU5	SEUL	X1D5	S3XD
JX1C	116.9	JU6	SEUL	X1DC	S3XD
HS11	114.3	HU1	NEUL	S1D1	S1DL
HS12	114.3	HU2	NEUL	S1D2	S1DL
HS13	114.3	HU3	NEUL	S1D3	S1DL
HS14	114.3	HU4	NEUL	S1D4	S1DL
HS15	114.3	HU5	NEUL	S1D5	S1DL
HS1C	114.3	HU6	NEUL	S1DC	S1DL
HU11	115	HU1	NEUL	U1D1	S2DL
HU12	115	HU2	NEUL	U1D2	S2DL
HU13	115	HU3	NEUL	U1D3	S2DL
HU14	115	HU4	NEUL	U1D4	S2DL
HU15	115	HU5	NEUL	U1D5	S2DL
HU1C	115	HU6	NEUL	U1DC	S2DL
HY11	114.9	HU1	NEUL	Y1D1	S2AD
HY12	114.9	HU2	NEUL	Y1D2	S2AD
HY13	114.9	HU3	NEUL	Y1D3	S2AD
HY14	114.9	HU4	NEUL	Y1D4	S2AD
HY15	114.9	HU5	NEUL	Y1D5	S2AD
HY1C	114.9	HU6	NEUL	Y1DC	S2AD
HW11	114.3	HU1	NEUL	W1D1	S3DL
HW12	114.3	HU2	NEUL	W1D2	S3DL
HW13	114.3	HU3	NEUL	W1D3	S3DL
HW14	114.3	HU4	NEUL	W1D4	S3DL
HW15	114.3	HU5	NEUL	W1D5	S3DL
HW1C	114.3	HU6	NEUL	W1DC	S3DL
HX11	114.3	HU1	NEUL	X1D1	S3XD
HX12	114.3	HU2	NEUL	X1D2	S3XD

HX13	114.3	HU3	NEUL	X1D3	S3XD
HX14	114.3	HU4	NEUL	X1D4	S3XD
HX15	114.3	HU5	NEUL	X1D5	S3XD
HX1C	114.3	HU6	NEUL	X1DC	S3XD
IS11	113.5	IU1	SWUL	S1D1	S1DL
IS12	113.5	IU2	SWUL	S1D2	S1DL
IS13	113.5	IU3	SWUL	S1D3	S1DL
IS14	113.5	IU4	SWUL	S1D4	S1DL
IS15	113.5	IU5	SWUL	S1D5	S1DL
IS1C	113.5	IU6	SWUL	S1DC	S1DL
IU11	114.2	IU1	SWUL	U1D1	S2DL
IU12	114.2	IU2	SWUL	U1D2	S2DL
IU13	114.2	IU3	SWUL	U1D3	S2DL
IU14	114.2	IU4	SWUL	U1D4	S2DL
IU15	114.2	IU5	SWUL	U1D5	S2DL
IU1C	114.2	IU6	SWUL	U1DC	S2DL
IY11	114.1	IU1	SWUL	Y1D1	S2AD
IY12	114.1	IU2	SWUL	Y1D2	S2AD
IY13	114.1	IU3	SWUL	Y1D3	S2AD
IY14	114.1	IU4	SWUL	Y1D4	S2AD
IY15	114.1	IU5	SWUL	Y1D5	S2AD
IY1C	114.1	IU6	SWUL	Y1DC	S2AD
IW11	113.5	IU1	SWUL	W1D1	S3DL
IW12	113.5	IU2	SWUL	W1D2	S3DL
IW13	113.5	IU3	SWUL	W1D3	S3DL
IW14	113.5	IU4	SWUL	W1D4	S3DL
IW15	113.5	IU5	SWUL	W1D5	S3DL
IW1C	113.5	IU6	SWUL	W1DC	S3DL
IX11	113.5	IU1	SWUL	X1D1	S3XD
IX12	113.5	IU2	SWUL	X1D2	S3XD
IX13	113.5	IU3	SWUL	X1D3	S3XD
IX14	113.5	IU4	SWUL	X1D4	S3XD
IX15	113.5	IU5	SWUL	X1D5	S3XD
IX1C	113.5	IU6	SWUL	X1DC	S3XD
KS11	118.6	KU1	X1UL	S1D1	S1DL
KS12	118.6	KU2	X1UL	S1D2	S1DL
KS13	118.6	KU3	X1UL	S1D3	S1DL
KS14	118.6	KU4	X1UL	S1D4	S1DL
KS15	118.6	KU5	X1UL	S1D5	S1DL

KS1C	118.6	KU6	X1UL	S1DC	S1DL
KU11	119.3	KU1	X1UL	U1D1	S2DL
KU12	119.3	KU2	X1UL	U1D2	S2DL
KU13	119.3	KU3	X1UL	U1D3	S2DL
KU14	119.3	KU4	X1UL	U1D4	S2DL
KU15	119.3	KU5	X1UL	U1D5	S2DL
KU1C	119.3	KU6	X1UL	U1DC	S2DL
KY11	119.2	KU1	X1UL	Y1D1	S2AD
KY12	119.2	KU2	X1UL	Y1D2	S2AD
KY13	119.2	KU3	X1UL	Y1D3	S2AD
KY14	119.2	KU4	X1UL	Y1D4	S2AD
KY15	119.2	KU5	X1UL	Y1D5	S2AD
KY1C	119.2	KU6	X1UL	Y1DC	S2AD
KW11	118.6	KU1	X1UL	W1D1	S3DL
KW12	118.6	KU2	X1UL	W1D2	S3DL
KW13	118.6	KU3	X1UL	W1D3	S3DL
KW14	118.6	KU4	X1UL	W1D4	S3DL
KW15	118.6	KU5	X1UL	W1D5	S3DL
KW1C	118.6	KU6	X1UL	W1DC	S3DL
KX11	118.6	KU1	X1UL	X1D1	S3XD
KX12	118.6	KU2	X1UL	X1D2	S3XD
KX13	118.6	KU3	X1UL	X1D3	S3XD
KX14	118.6	KU4	X1UL	X1D4	S3XD
KX15	118.6	KU5	X1UL	X1D5	S3XD
KX1C	118.6	KU6	X1UL	X1DC	S3XD
LS11	116.6	LU1	X2UL	S1D1	S1DL
LS12	116.6	LU2	X2UL	S1D2	S1DL
LS13	116.6	LU3	X2UL	S1D3	S1DL
LS14	116.6	LU4	X2UL	S1D4	S1DL
LS15	116.6	LU5	X2UL	S1D5	S1DL
LS1C	116.6	LU6	X2UL	S1DC	S1DL
LU11	117.3	LU1	X2UL	U1D1	S2DL
LU12	117.3	LU2	X2UL	U1D2	S2DL
LU13	117.3	LU3	X2UL	U1D3	S2DL
LU14	117.3	LU4	X2UL	U1D4	S2DL
LU15	117.3	LU5	X2UL	U1D5	S2DL
LU1C	117.3	LU6	X2UL	U1DC	S2DL
LY11	117.2	LU1	X2UL	Y1D1	S2AD
LY12	117.2	LU2	X2UL	Y1D2	S2AD

LY13	117.2	LU3	X2UL	Y1D3	S2AD
LY14	117.2	LU4	X2UL	Y1D4	S2AD
LY15	117.2	LU5	X2UL	Y1D5	S2AD
LY1C	117.2	LU6	X2UL	Y1DC	S2AD
LW11	116.6	LU1	X2UL	W1D1	S3DL
LW12	116.6	LU2	X2UL	W1D2	S3DL
LW13	116.6	LU3	X2UL	W1D3	S3DL
LW14	116.6	LU4	X2UL	W1D4	S3DL
LW15	116.6	LU5	X2UL	W1D5	S3DL
LW1C	116.6	LU6	X2UL	W1DC	S3DL
LX11	116.6	LU1	X2UL	X1D1	S3XD
LX12	116.6	LU2	X2UL	X1D2	S3XD
LX13	116.6	LU3	X2UL	X1D3	S3XD
LX14	116.6	LU4	X2UL	X1D4	S3XD
LX15	116.6	LU5	X2UL	X1D5	S3XD
LX1C	116.6	LU6	X2UL	X1DC	S3XD
ES21	117.2	EU1	WHUL	S2D1	S1DL
ES22	117.2	EU2	WHUL	S2D2	S1DL
ES23	117.2	EU3	WHUL	S2D3	S1DL
ES24	117.2	EU4	WHUL	S2D4	S1DL
ES25	117.2	EU5	WHUL	S2D5	S1DL
ES2C	117.2	EU6	WHUL	S2DC	S1DL
EU21	117.9	EU1	WHUL	U2D1	S2DL
EU22	117.9	EU2	WHUL	U2D2	S2DL
EU23	117.9	EU3	WHUL	U2D3	S2DL
EU24	117.9	EU4	WHUL	U2D4	S2DL
EU25	117.9	EU5	WHUL	U2D5	S2DL
EU2C	117.9	EU6	WHUL	U2DC	S2DL
EY21	117.8	EU1	WHUL	Y2D1	S2AD
EY22	117.8	EU2	WHUL	Y2D2	S2AD
EY23	117.8	EU3	WHUL	Y2D3	S2AD
EY24	117.8	EU4	WHUL	Y2D4	S2AD
EY25	117.8	EU5	WHUL	Y2D5	S2AD
EY2C	117.8	EU6	WHUL	Y2DC	S2AD
EW21	117.2	EU1	WHUL	W2D1	S3DL
EW22	117.2	EU2	WHUL	W2D2	S3DL
EW23	117.2	EU3	WHUL	W2D3	S3DL
EW24	117.2	EU4	WHUL	W2D4	S3DL
EW25	117.2	EU5	WHUL	W2D5	S3DL

EW2C	117.2	EU6	WHUL	W2DC	S3DL
EX21	117.2	EU1	WHUL	X2D1	S3XD
EX22	117.2	EU2	WHUL	X2D2	S3XD
EX23	117.2	EU3	WHUL	X2D3	S3XD
EX24	117.2	EU4	WHUL	X2D4	S3XD
EX25	117.2	EU5	WHUL	X2D5	S3XD
EX2C	117.2	EU6	WHUL	X2DC	S3XD
FS21	118.9	FU1	EHUL	S2D1	S1DL
FS22	118.9	FU2	EHUL	S2D2	S1DL
FS23	118.9	FU3	EHUL	S2D3	S1DL
FS24	118.9	FU4	EHUL	S2D4	S1DL
FS25	118.9	FU5	EHUL	S2D5	S1DL
FS2C	118.9	FU6	EHUL	S2DC	S1DL
FU21	119.6	FU1	EHUL	U2D1	S2DL
FU22	119.6	FU2	EHUL	U2D2	S2DL
FU23	119.6	FU3	EHUL	U2D3	S2DL
FU24	119.6	FU4	EHUL	U2D4	S2DL
FU25	119.6	FU5	EHUL	U2D5	S2DL
FU2C	119.6	FU6	EHUL	U2DC	S2DL
FY21	119.5	FU1	EHUL	Y2D1	S2AD
FY22	119.5	FU2	EHUL	Y2D2	S2AD
FY23	119.5	FU3	EHUL	Y2D3	S2AD
FY24	119.5	FU4	EHUL	Y2D4	S2AD
FY25	119.5	FU5	EHUL	Y2D5	S2AD
FY2C	119.5	FU6	EHUL	Y2DC	S2AD
FW21	118.9	FU1	EHUL	W2D1	S3DL
FW22	118.9	FU2	EHUL	W2D2	S3DL
FW23	118.9	FU3	EHUL	W2D3	S3DL
FW24	118.9	FU4	EHUL	W2D4	S3DL
FW25	118.9	FU5	EHUL	W2D5	S3DL
FW2C	118.9	FU6	EHUL	W2DC	S3DL
FX21	118.9	FU1	EHUL	X2D1	S3XD
FX22	118.9	FU2	EHUL	X2D2	S3XD
FX23	118.9	FU3	EHUL	X2D3	S3XD
FX24	118.9	FU4	EHUL	X2D4	S3XD
FX25	118.9	FU5	EHUL	X2D5	S3XD
FX2C	118.9	FU6	EHUL	X2DC	S3XD
GS21	116	GU1	NWUL	S2D1	S1DL
GS22	116	GU2	NWUL	S2D2	S1DL

GS23	116	GU3	NWUL	S2D3	S1DL
GS24	116	GU4	NWUL	S2D4	S1DL
GS25	116	GU5	NWUL	S2D5	S1DL
GS2C	116	GU6	NWUL	S2DC	S1DL
GU21	116.7	GU1	NWUL	U2D1	S2DL
GU22	116.7	GU2	NWUL	U2D2	S2DL
GU23	116.7	GU3	NWUL	U2D3	S2DL
GU24	116.7	GU4	NWUL	U2D4	S2DL
GU25	116.7	GU5	NWUL	U2D5	S2DL
GU2C	116.7	GU6	NWUL	U2DC	S2DL
GY21	116.6	GU1	NWUL	Y2D1	S2AD
GY22	116.6	GU2	NWUL	Y2D2	S2AD
GY23	116.6	GU3	NWUL	Y2D3	S2AD
GY24	116.6	GU4	NWUL	Y2D4	S2AD
GY25	116.6	GU5	NWUL	Y2D5	S2AD
GY2C	116.6	GU6	NWUL	Y2DC	S2AD
GW21	116	GU1	NWUL	W2D1	S3DL
GW22	116	GU2	NWUL	W2D2	S3DL
GW23	116	GU3	NWUL	W2D3	S3DL
GW24	116	GU4	NWUL	W2D4	S3DL
GW25	116	GU5	NWUL	W2D5	S3DL
GW2C	116	GU6	NWUL	W2DC	S3DL
GX21	116	GU1	NWUL	X2D1	S3XD
GX22	116	GU2	NWUL	X2D2	S3XD
GX23	116	GU3	NWUL	X2D3	S3XD
GX24	116	GU4	NWUL	X2D4	S3XD
GX25	116	GU5	NWUL	X2D5	S3XD
GX2C	116	GU6	NWUL	X2DC	S3XD
JS21	116.9	JU1	SEUL	S2D1	S1DL
JS22	116.9	JU2	SEUL	S2D2	S1DL
JS23	116.9	JU3	SEUL	S2D3	S1DL
JS24	116.9	JU4	SEUL	S2D4	S1DL
JS25	116.9	JU5	SEUL	S2D5	S1DL
JS2C	116.9	JU6	SEUL	S2DC	S1DL
JU21	117.6	JU1	SEUL	U2D1	S2DL
JU22	117.6	JU2	SEUL	U2D2	S2DL
JU23	117.6	JU3	SEUL	U2D3	S2DL
JU24	117.6	JU4	SEUL	U2D4	S2DL
JU25	117.6	JU5	SEUL	U2D5	S2DL

JU2C	117.6	JU6	SEUL	U2DC	S2DL
JY21	117.5	JU1	SEUL	Y2D1	S2AD
JY22	117.5	JU2	SEUL	Y2D2	S2AD
JY23	117.5	JU3	SEUL	Y2D3	S2AD
JY24	117.5	JU4	SEUL	Y2D4	S2AD
JY25	117.5	JU5	SEUL	Y2D5	S2AD
JY2C	117.5	JU6	SEUL	Y2DC	S2AD
JW21	116.9	JU1	SEUL	W2D1	S3DL
JW22	116.9	JU2	SEUL	W2D2	S3DL
JW23	116.9	JU3	SEUL	W2D3	S3DL
JW24	116.9	JU4	SEUL	W2D4	S3DL
JW25	116.9	JU5	SEUL	W2D5	S3DL
JW2C	116.9	JU6	SEUL	W2DC	S3DL
JX21	116.9	JU1	SEUL	X2D1	S3XD
JX22	116.9	JU2	SEUL	X2D2	S3XD
JX23	116.9	JU3	SEUL	X2D3	S3XD
JX24	116.9	JU4	SEUL	X2D4	S3XD
JX25	116.9	JU5	SEUL	X2D5	S3XD
JX2C	116.9	JU6	SEUL	X2DC	S3XD
HS21	114.3	HU1	NEUL	S2D1	S1DL
HS22	114.3	HU2	NEUL	S2D2	S1DL
HS23	114.3	HU3	NEUL	S2D3	S1DL
HS24	114.3	HU4	NEUL	S2D4	S1DL
HS25	114.3	HU5	NEUL	S2D5	S1DL
HS2C	114.3	HU6	NEUL	S2DC	S1DL
HU21	115	HU1	NEUL	U2D1	S2DL
HU22	115	HU2	NEUL	U2D2	S2DL
HU23	115	HU3	NEUL	U2D3	S2DL
HU24	115	HU4	NEUL	U2D4	S2DL
HU25	115	HU5	NEUL	U2D5	S2DL
HU2C	115	HU6	NEUL	U2DC	S2DL
HY21	114.9	HU1	NEUL	Y2D1	S2AD
HY22	114.9	HU2	NEUL	Y2D2	S2AD
HY23	114.9	HU3	NEUL	Y2D3	S2AD
HY24	114.9	HU4	NEUL	Y2D4	S2AD
HY25	114.9	HU5	NEUL	Y2D5	S2AD
HY2C	114.9	HU6	NEUL	Y2DC	S2AD
HW21	114.3	HU1	NEUL	W2D1	S3DL
HW22	114.3	HU2	NEUL	W2D2	S3DL

HW23	114.3	HU3	NEUL	W2D3	S3DL
HW24	114.3	HU4	NEUL	W2D4	S3DL
HW25	114.3	HU5	NEUL	W2D5	S3DL
HW2C	114.3	HU6	NEUL	W2DC	S3DL
HX21	114.3	HU1	NEUL	X2D1	S3XD
HX22	114.3	HU2	NEUL	X2D2	S3XD
HX23	114.3	HU3	NEUL	X2D3	S3XD
HX24	114.3	HU4	NEUL	X2D4	S3XD
HX25	114.3	HU5	NEUL	X2D5	S3XD
HX2C	114.3	HU6	NEUL	X2DC	S3XD
IS21	113.5	IU1	SWUL	S2D1	S1DL
IS22	113.5	IU2	SWUL	S2D2	S1DL
IS23	113.5	IU3	SWUL	S2D3	S1DL
IS24	113.5	IU4	SWUL	S2D4	S1DL
IS25	113.5	IU5	SWUL	S2D5	S1DL
IS2C	113.5	IU6	SWUL	S2DC	S1DL
IU21	114.2	IU1	SWUL	U2D1	S2DL
IU22	114.2	IU2	SWUL	U2D2	S2DL
IU23	114.2	IU3	SWUL	U2D3	S2DL
IU24	114.2	IU4	SWUL	U2D4	S2DL
IU25	114.2	IU5	SWUL	U2D5	S2DL
IU2C	114.2	IU6	SWUL	U2DC	S2DL
IY21	114.1	IU1	SWUL	Y2D1	S2AD
IY22	114.1	IU2	SWUL	Y2D2	S2AD
IY23	114.1	IU3	SWUL	Y2D3	S2AD
IY24	114.1	IU4	SWUL	Y2D4	S2AD
IY25	114.1	IU5	SWUL	Y2D5	S2AD
IY2C	114.1	IU6	SWUL	Y2DC	S2AD
IW21	113.5	IU1	SWUL	W2D1	S3DL
IW22	113.5	IU2	SWUL	W2D2	S3DL
IW23	113.5	IU3	SWUL	W2D3	S3DL
IW24	113.5	IU4	SWUL	W2D4	S3DL
IW25	113.5	IU5	SWUL	W2D5	S3DL
IW2C	113.5	IU6	SWUL	W2DC	S3DL
IX21	113.5	IU1	SWUL	X2D1	S3XD
IX22	113.5	IU2	SWUL	X2D2	S3XD
IX23	113.5	IU3	SWUL	X2D3	S3XD
IX24	113.5	IU4	SWUL	X2D4	S3XD
IX25	113.5	IU5	SWUL	X2D5	S3XD

IX2C	113.5	IU6	SWUL	X2DC	S3XD
KS21	118.6	KU1	X1UL	S2D1	S1DL
KS22	118.6	KU2	X1UL	S2D2	S1DL
KS23	118.6	KU3	X1UL	S2D3	S1DL
KS24	118.6	KU4	X1UL	S2D4	S1DL
KS25	118.6	KU5	X1UL	S2D5	S1DL
KS2C	118.6	KU6	X1UL	S2DC	S1DL
KU21	119.3	KU1	X1UL	U2D1	S2DL
KU22	119.3	KU2	X1UL	U2D2	S2DL
KU23	119.3	KU3	X1UL	U2D3	S2DL
KU24	119.3	KU4	X1UL	U2D4	S2DL
KU25	119.3	KU5	X1UL	U2D5	S2DL
KU2C	119.3	KU6	X1UL	U2DC	S2DL
KY21	119.2	KU1	X1UL	Y2D1	S2AD
KY22	119.2	KU2	X1UL	Y2D2	S2AD
KY23	119.2	KU3	X1UL	Y2D3	S2AD
KY24	119.2	KU4	X1UL	Y2D4	S2AD
KY25	119.2	KU5	X1UL	Y2D5	S2AD
KY2C	119.2	KU6	X1UL	Y2DC	S2AD
KW21	118.6	KU1	X1UL	W2D1	S3DL
KW22	118.6	KU2	X1UL	W2D2	S3DL
KW23	118.6	KU3	X1UL	W2D3	S3DL
KW24	118.6	KU4	X1UL	W2D4	S3DL
KW25	118.6	KU5	X1UL	W2D5	S3DL
KW2C	118.6	KU6	X1UL	W2DC	S3DL
KX21	118.6	KU1	X1UL	X2D1	S3XD
KX22	118.6	KU2	X1UL	X2D2	S3XD
KX23	118.6	KU3	X1UL	X2D3	S3XD
KX24	118.6	KU4	X1UL	X2D4	S3XD
KX25	118.6	KU5	X1UL	X2D5	S3XD
KX2C	118.6	KU6	X1UL	X2DC	S3XD
LS21	116.6	LU1	X2UL	S2D1	S1DL
LS22	116.6	LU2	X2UL	S2D2	S1DL
LS23	116.6	LU3	X2UL	S2D3	S1DL
LS24	116.6	LU4	X2UL	S2D4	S1DL
LS25	116.6	LU5	X2UL	S2D5	S1DL
LS2C	116.6	LU6	X2UL	S2DC	S1DL
LU21	117.3	LU1	X2UL	U2D1	S2DL
LU22	117.3	LU2	X2UL	U2D2	S2DL

LU23	117.3	LU3	X2UL	U2D3	S2DL
LU24	117.3	LU4	X2UL	U2D4	S2DL
LU25	117.3	LU5	X2UL	U2D5	S2DL
LU2C	117.3	LU6	X2UL	U2DC	S2DL
LY21	117.2	LU1	X2UL	Y2D1	S2AD
LY22	117.2	LU2	X2UL	Y2D2	S2AD
LY23	117.2	LU3	X2UL	Y2D3	S2AD
LY24	117.2	LU4	X2UL	Y2D4	S2AD
LY25	117.2	LU5	X2UL	Y2D5	S2AD
LY2C	117.2	LU6	X2UL	Y2DC	S2AD
LW21	116.6	LU1	X2UL	W2D1	S3DL
LW22	116.6	LU2	X2UL	W2D2	S3DL
LW23	116.6	LU3	X2UL	W2D3	S3DL
LW24	116.6	LU4	X2UL	W2D4	S3DL
LW25	116.6	LU5	X2UL	W2D5	S3DL
LW2C	116.6	LU6	X2UL	W2DC	S3DL
LX21	116.6	LU1	X2UL	X2D1	S3XD
LX22	116.6	LU2	X2UL	X2D2	S3XD
LX23	116.6	LU3	X2UL	X2D3	S3XD
LX24	116.6	LU4	X2UL	X2D4	S3XD
LX25	116.6	LU5	X2UL	X2D5	S3XD
LX2C	116.6	LU6	X2UL	X2DC	S3XD
ES31	117.2	EU1	WHUL	S3D1	S1DL
ES32	117.2	EU2	WHUL	S3D2	S1DL
ES33	117.2	EU3	WHUL	S3D3	S1DL
ES34	117.2	EU4	WHUL	S3D4	S1DL
ES35	117.2	EU5	WHUL	S3D5	S1DL
ES3C	117.2	EU6	WHUL	S3DC	S1DL
EU31	117.9	EU1	WHUL	U3D1	S2DL
EU32	117.9	EU2	WHUL	U3D2	S2DL
EU33	117.9	EU3	WHUL	U3D3	S2DL
EU34	117.9	EU4	WHUL	U3D4	S2DL
EU35	117.9	EU5	WHUL	U3D5	S2DL
EU3C	117.9	EU6	WHUL	U3DC	S2DL
EY31	117.8	EU1	WHUL	Y3D1	S2AD
EY32	117.8	EU2	WHUL	Y3D2	S2AD
EY33	117.8	EU3	WHUL	Y3D3	S2AD
EY34	117.8	EU4	WHUL	Y3D4	S2AD
EY35	117.8	EU5	WHUL	Y3D5	S2AD

EY3C	117.8	EU6	WHUL	Y3DC	S2AD
EW31	117.2	EU1	WHUL	W3D1	S3DL
EW32	117.2	EU2	WHUL	W3D2	S3DL
EW33	117.2	EU3	WHUL	W3D3	S3DL
EW34	117.2	EU4	WHUL	W3D4	S3DL
EW35	117.2	EU5	WHUL	W3D5	S3DL
EW3C	117.2	EU6	WHUL	W3DC	S3DL
EX31	117.2	EU1	WHUL	X3D1	S3XD
EX32	117.2	EU2	WHUL	X3D2	S3XD
EX33	117.2	EU3	WHUL	X3D3	S3XD
EX34	117.2	EU4	WHUL	X3D4	S3XD
EX35	117.2	EU5	WHUL	X3D5	S3XD
EX3C	117.2	EU6	WHUL	X3DC	S3XD
FS31	118.9	FU1	EHUL	S3D1	S1DL
FS32	118.9	FU2	EHUL	S3D2	S1DL
FS33	118.9	FU3	EHUL	S3D3	S1DL
FS34	118.9	FU4	EHUL	S3D4	S1DL
FS35	118.9	FU5	EHUL	S3D5	S1DL
FS3C	118.9	FU6	EHUL	S3DC	S1DL
FU31	119.6	FU1	EHUL	U3D1	S2DL
FU32	119.6	FU2	EHUL	U3D2	S2DL
FU33	119.6	FU3	EHUL	U3D3	S2DL
FU34	119.6	FU4	EHUL	U3D4	S2DL
FU35	119.6	FU5	EHUL	U3D5	S2DL
FU3C	119.6	FU6	EHUL	U3DC	S2DL
FY31	119.5	FU1	EHUL	Y3D1	S2AD
FY32	119.5	FU2	EHUL	Y3D2	S2AD
FY33	119.5	FU3	EHUL	Y3D3	S2AD
FY34	119.5	FU4	EHUL	Y3D4	S2AD
FY35	119.5	FU5	EHUL	Y3D5	S2AD
FY3C	119.5	FU6	EHUL	Y3DC	S2AD
FW31	118.9	FU1	EHUL	W3D1	S3DL
FW32	118.9	FU2	EHUL	W3D2	S3DL
FW33	118.9	FU3	EHUL	W3D3	S3DL
FW34	118.9	FU4	EHUL	W3D4	S3DL
FW35	118.9	FU5	EHUL	W3D5	S3DL
FW3C	118.9	FU6	EHUL	W3DC	S3DL
FX31	118.9	FU1	EHUL	X3D1	S3XD
FX32	118.9	FU2	EHUL	X3D2	S3XD

FX33	118.9	FU3	EHUL	X3D3	S3XD
FX34	118.9	FU4	EHUL	X3D4	S3XD
FX35	118.9	FU5	EHUL	X3D5	S3XD
FX3C	118.9	FU6	EHUL	X3DC	S3XD
GS31	116	GU1	NWUL	S3D1	S1DL
GS32	116	GU2	NWUL	S3D2	S1DL
GS33	116	GU3	NWUL	S3D3	S1DL
GS34	116	GU4	NWUL	S3D4	S1DL
GS35	116	GU5	NWUL	S3D5	S1DL
GS3C	116	GU6	NWUL	S3DC	S1DL
GU31	116.7	GU1	NWUL	U3D1	S2DL
GU32	116.7	GU2	NWUL	U3D2	S2DL
GU33	116.7	GU3	NWUL	U3D3	S2DL
GU34	116.7	GU4	NWUL	U3D4	S2DL
GU35	116.7	GU5	NWUL	U3D5	S2DL
GU3C	116.7	GU6	NWUL	U3DC	S2DL
GY31	116.6	GU1	NWUL	Y3D1	S2AD
GY32	116.6	GU2	NWUL	Y3D2	S2AD
GY33	116.6	GU3	NWUL	Y3D3	S2AD
GY34	116.6	GU4	NWUL	Y3D4	S2AD
GY35	116.6	GU5	NWUL	Y3D5	S2AD
GY3C	116.6	GU6	NWUL	Y3DC	S2AD
GW31	116	GU1	NWUL	W3D1	S3DL
GW32	116	GU2	NWUL	W3D2	S3DL
GW33	116	GU3	NWUL	W3D3	S3DL
GW34	116	GU4	NWUL	W3D4	S3DL
GW35	116	GU5	NWUL	W3D5	S3DL
GW3C	116	GU6	NWUL	W3DC	S3DL
GX31	116	GU1	NWUL	X3D1	S3XD
GX32	116	GU2	NWUL	X3D2	S3XD
GX33	116	GU3	NWUL	X3D3	S3XD
GX34	116	GU4	NWUL	X3D4	S3XD
GX35	116	GU5	NWUL	X3D5	S3XD
GX3C	116	GU6	NWUL	X3DC	S3XD
JS31	116.9	JU1	SEUL	S3D1	S1DL
JS32	116.9	JU2	SEUL	S3D2	S1DL
JS33	116.9	JU3	SEUL	S3D3	S1DL
JS34	116.9	JU4	SEUL	S3D4	S1DL
JS35	116.9	JU5	SEUL	S3D5	S1DL

JS3C	116.9	JU6	SEUL	S3DC	S1DL
JU31	117.6	JU1	SEUL	U3D1	S2DL
JU32	117.6	JU2	SEUL	U3D2	S2DL
JU33	117.6	JU3	SEUL	U3D3	S2DL
JU34	117.6	JU4	SEUL	U3D4	S2DL
JU35	117.6	JU5	SEUL	U3D5	S2DL
JU3C	117.6	JU6	SEUL	U3DC	S2DL
JY31	117.5	JU1	SEUL	Y3D1	S2AD
JY32	117.5	JU2	SEUL	Y3D2	S2AD
JY33	117.5	JU3	SEUL	Y3D3	S2AD
JY34	117.5	JU4	SEUL	Y3D4	S2AD
JY35	117.5	JU5	SEUL	Y3D5	S2AD
JY3C	117.5	JU6	SEUL	Y3DC	S2AD
JW31	116.9	JU1	SEUL	W3D1	S3DL
JW32	116.9	JU2	SEUL	W3D2	S3DL
JW33	116.9	JU3	SEUL	W3D3	S3DL
JW34	116.9	JU4	SEUL	W3D4	S3DL
JW35	116.9	JU5	SEUL	W3D5	S3DL
JW3C	116.9	JU6	SEUL	W3DC	S3DL
JX31	116.9	JU1	SEUL	X3D1	S3XD
JX32	116.9	JU2	SEUL	X3D2	S3XD
JX33	116.9	JU3	SEUL	X3D3	S3XD
JX34	116.9	JU4	SEUL	X3D4	S3XD
JX35	116.9	JU5	SEUL	X3D5	S3XD
JX3C	116.9	JU6	SEUL	X3DC	S3XD
HS31	114.3	HU1	NEUL	S3D1	S1DL
HS32	114.3	HU2	NEUL	S3D2	S1DL
HS33	114.3	HU3	NEUL	S3D3	S1DL
HS34	114.3	HU4	NEUL	S3D4	S1DL
HS35	114.3	HU5	NEUL	S3D5	S1DL
HS3C	114.3	HU6	NEUL	S3DC	S1DL
HU31	115	HU1	NEUL	U3D1	S2DL
HU32	115	HU2	NEUL	U3D2	S2DL
HU33	115	HU3	NEUL	U3D3	S2DL
HU34	115	HU4	NEUL	U3D4	S2DL
HU35	115	HU5	NEUL	U3D5	S2DL
HU3C	115	HU6	NEUL	U3DC	S2DL
HY31	114.9	HU1	NEUL	Y3D1	S2AD
HY32	114.9	HU2	NEUL	Y3D2	S2AD

HY33	114.9	HU3	NEUL	Y3D3	S2AD
HY34	114.9	HU4	NEUL	Y3D4	S2AD
HY35	114.9	HU5	NEUL	Y3D5	S2AD
HY3C	114.9	HU6	NEUL	Y3DC	S2AD
HW31	114.3	HU1	NEUL	W3D1	S3DL
HW32	114.3	HU2	NEUL	W3D2	S3DL
HW33	114.3	HU3	NEUL	W3D3	S3DL
HW34	114.3	HU4	NEUL	W3D4	S3DL
HW35	114.3	HU5	NEUL	W3D5	S3DL
HW3C	114.3	HU6	NEUL	W3DC	S3DL
HX31	114.3	HU1	NEUL	X3D1	S3XD
HX32	114.3	HU2	NEUL	X3D2	S3XD
HX33	114.3	HU3	NEUL	X3D3	S3XD
HX34	114.3	HU4	NEUL	X3D4	S3XD
HX35	114.3	HU5	NEUL	X3D5	S3XD
HX3C	114.3	HU6	NEUL	X3DC	S3XD
IS31	113.5	IU1	SWUL	S3D1	S1DL
IS32	113.5	IU2	SWUL	S3D2	S1DL
IS33	113.5	IU3	SWUL	S3D3	S1DL
IS34	113.5	IU4	SWUL	S3D4	S1DL
IS35	113.5	IU5	SWUL	S3D5	S1DL
IS3C	113.5	IU6	SWUL	S3DC	S1DL
IU31	114.2	IU1	SWUL	U3D1	S2DL
IU32	114.2	IU2	SWUL	U3D2	S2DL
IU33	114.2	IU3	SWUL	U3D3	S2DL
IU34	114.2	IU4	SWUL	U3D4	S2DL
IU35	114.2	IU5	SWUL	U3D5	S2DL
IU3C	114.2	IU6	SWUL	U3DC	S2DL
IY31	114.1	IU1	SWUL	Y3D1	S2AD
IY32	114.1	IU2	SWUL	Y3D2	S2AD
IY33	114.1	IU3	SWUL	Y3D3	S2AD
IY34	114.1	IU4	SWUL	Y3D4	S2AD
IY35	114.1	IU5	SWUL	Y3D5	S2AD
IY3C	114.1	IU6	SWUL	Y3DC	S2AD
IW31	113.5	IU1	SWUL	W3D1	S3DL
IW32	113.5	IU2	SWUL	W3D2	S3DL
IW33	113.5	IU3	SWUL	W3D3	S3DL
IW34	113.5	IU4	SWUL	W3D4	S3DL
IW35	113.5	IU5	SWUL	W3D5	S3DL

IW3C	113.5	IU6	SWUL	W3DC	S3DL
IX31	113.5	IU1	SWUL	X3D1	S3XD
IX32	113.5	IU2	SWUL	X3D2	S3XD
IX33	113.5	IU3	SWUL	X3D3	S3XD
IX34	113.5	IU4	SWUL	X3D4	S3XD
IX35	113.5	IU5	SWUL	X3D5	S3XD
IX3C	113.5	IU6	SWUL	X3DC	S3XD
KS31	118.6	KU1	X1UL	S3D1	S1DL
KS32	118.6	KU2	X1UL	S3D2	S1DL
KS33	118.6	KU3	X1UL	S3D3	S1DL
KS34	118.6	KU4	X1UL	S3D4	S1DL
KS35	118.6	KU5	X1UL	S3D5	S1DL
KS3C	118.6	KU6	X1UL	S3DC	S1DL
KU31	119.3	KU1	X1UL	U3D1	S2DL
KU32	119.3	KU2	X1UL	U3D2	S2DL
KU33	119.3	KU3	X1UL	U3D3	S2DL
KU34	119.3	KU4	X1UL	U3D4	S2DL
KU35	119.3	KU5	X1UL	U3D5	S2DL
KU3C	119.3	KU6	X1UL	U3DC	S2DL
KY31	119.2	KU1	X1UL	Y3D1	S2AD
KY32	119.2	KU2	X1UL	Y3D2	S2AD
KY33	119.2	KU3	X1UL	Y3D3	S2AD
KY34	119.2	KU4	X1UL	Y3D4	S2AD
KY35	119.2	KU5	X1UL	Y3D5	S2AD
KY3C	119.2	KU6	X1UL	Y3DC	S2AD
KW31	118.6	KU1	X1UL	W3D1	S3DL
KW32	118.6	KU2	X1UL	W3D2	S3DL
KW33	118.6	KU3	X1UL	W3D3	S3DL
KW34	118.6	KU4	X1UL	W3D4	S3DL
KW35	118.6	KU5	X1UL	W3D5	S3DL
KW3C	118.6	KU6	X1UL	W3DC	S3DL
KX31	118.6	KU1	X1UL	X3D1	S3XD
KX32	118.6	KU2	X1UL	X3D2	S3XD
KX33	118.6	KU3	X1UL	X3D3	S3XD
KX34	118.6	KU4	X1UL	X3D4	S3XD
KX35	118.6	KU5	X1UL	X3D5	S3XD
KX3C	118.6	KU6	X1UL	X3DC	S3XD
LS31	116.6	LU1	X2UL	S3D1	S1DL
LS32	116.6	LU2	X2UL	S3D2	S1DL

LS33	116.6	LU3	X2UL	S3D3	S1DL
LS34	116.6	LU4	X2UL	S3D4	S1DL
LS35	116.6	LU5	X2UL	S3D5	S1DL
LS3C	116.6	LU6	X2UL	S3DC	S1DL
LU31	117.3	LU1	X2UL	U3D1	S2DL
LU32	117.3	LU2	X2UL	U3D2	S2DL
LU33	117.3	LU3	X2UL	U3D3	S2DL
LU34	117.3	LU4	X2UL	U3D4	S2DL
LU35	117.3	LU5	X2UL	U3D5	S2DL
LU3C	117.3	LU6	X2UL	U3DC	S2DL
LY31	117.2	LU1	X2UL	Y3D1	S2AD
LY32	117.2	LU2	X2UL	Y3D2	S2AD
LY33	117.2	LU3	X2UL	Y3D3	S2AD
LY34	117.2	LU4	X2UL	Y3D4	S2AD
LY35	117.2	LU5	X2UL	Y3D5	S2AD
LY3C	117.2	LU6	X2UL	Y3DC	S2AD
LW31	116.6	LU1	X2UL	W3D1	S3DL
LW32	116.6	LU2	X2UL	W3D2	S3DL
LW33	116.6	LU3	X2UL	W3D3	S3DL
LW34	116.6	LU4	X2UL	W3D4	S3DL
LW35	116.6	LU5	X2UL	W3D5	S3DL
LW3C	116.6	LU6	X2UL	W3DC	S3DL
LX31	116.6	LU1	X2UL	X3D1	S3XD
LX32	116.6	LU2	X2UL	X3D2	S3XD
LX33	116.6	LU3	X2UL	X3D3	S3XD
LX34	116.6	LU4	X2UL	X3D4	S3XD
LX35	116.6	LU5	X2UL	X3D5	S3XD
LX3C	116.6	LU6	X2UL	X3DC	S3XD
SE11	110.1	SU1	S1UL	ED1	WHDL
SE22	110.1	SU2	S1UL	ED2	WHDL
SE33	110.1	SU3	S1UL	ED3	WHDL
SE44	110.1	SU4	S1UL	ED4	WHDL
SE55	110.1	SU5	S1UL	ED5	WHDL
SEC6	110.1	SUC	S1UL	ED6	WHDL
SF11	112.3	SU1	S1UL	FD1	EHDL
SF22	112.3	SU2	S1UL	FD2	EHDL
SF33	112.3	SU3	S1UL	FD3	EHDL
SF44	112.3	SU4	S1UL	FD4	EHDL
SF55	112.3	SU5	S1UL	FD5	EHDL

SFC6	112.3	SUC	S1UL	FD6	EHDL
SG11	109.7	SU1	S1UL	GD1	NWDL
SG22	109.7	SU2	S1UL	GD2	NWDL
SG33	109.7	SU3	S1UL	GD3	NWDL
SG44	109.7	SU4	S1UL	GD4	NWDL
SG55	109.7	SU5	S1UL	GD5	NWDL
SGC6	109.7	SUC	S1UL	GD6	NWDL
SJ11	109	SU1	S1UL	JD1	SEDL
SJ22	109	SU2	S1UL	JD2	SEDL
SJ33	109	SU3	S1UL	JD3	SEDL
SJ44	109	SU4	S1UL	JD4	SEDL
SJ55	109	SU5	S1UL	JD5	SEDL
SJC6	109	SUC	S1UL	JD6	SEDL
SH11	107.5	SU1	S1UL	HD1	NEDL
SH22	107.5	SU2	S1UL	HD2	NEDL
SH33	107.5	SU3	S1UL	HD3	NEDL
SH44	107.5	SU4	S1UL	HD4	NEDL
SH55	107.5	SU5	S1UL	HD5	NEDL
SHC6	107.5	SUC	S1UL	HD6	NEDL
SI11	107	SU1	S1UL	ID1	SWDL
SI22	107	SU2	S1UL	ID2	SWDL
SI33	107	SU3	S1UL	ID3	SWDL
SI44	107	SU4	S1UL	ID4	SWDL
SI55	107	SU5	S1UL	ID5	SWDL
SIC6	107	SUC	S1UL	ID6	SWDL
UE11	113.6	UU1	S2UL	ED1	WHDL
UE22	113.6	UU2	S2UL	ED2	WHDL
UE33	113.6	UU3	S2UL	ED3	WHDL
UE44	113.6	UU4	S2UL	ED4	WHDL
UE55	113.6	UU5	S2UL	ED5	WHDL
UEC6	113.6	UUC	S2UL	ED6	WHDL
UF11	115.8	UU1	S2UL	FD1	EHDL
UF22	115.8	UU2	S2UL	FD2	EHDL
UF33	115.8	UU3	S2UL	FD3	EHDL
UF44	115.8	UU4	S2UL	FD4	EHDL
UF55	115.8	UU5	S2UL	FD5	EHDL
UFC6	115.8	UUC	S2UL	FD6	EHDL
UG11	113.2	UU1	S2UL	GD1	NWDL
UG22	113.2	UU2	S2UL	GD2	NWDL

UG33	113.2	UU3	S2UL	GD3	NWDL
UG44	113.2	UU4	S2UL	GD4	NWDL
UG55	113.2	UU5	S2UL	GD5	NWDL
UGC6	113.2	UUC	S2UL	GD6	NWDL
UJ11	112.5	UU1	S2UL	JD1	SEDL
UJ22	112.5	UU2	S2UL	JD2	SEDL
UJ33	112.5	UU3	S2UL	JD3	SEDL
UJ44	112.5	UU4	S2UL	JD4	SEDL
UJ55	112.5	UU5	S2UL	JD5	SEDL
UJC6	112.5	UUC	S2UL	JD6	SEDL
UH11	111	UU1	S2UL	HD1	NEDL
UH22	111	UU2	S2UL	HD2	NEDL
UH33	111	UU3	S2UL	HD3	NEDL
UH44	111	UU4	S2UL	HD4	NEDL
UH55	111	UU5	S2UL	HD5	NEDL
UHC6	111	UUC	S2UL	HD6	NEDL
UI11	110.5	UU1	S2UL	ID1	SWDL
UI22	110.5	UU2	S2UL	ID2	SWDL
UI33	110.5	UU3	S2UL	ID3	SWDL
UI44	110.5	UU4	S2UL	ID4	SWDL
UI55	110.5	UU5	S2UL	ID5	SWDL
UIC6	110.5	UUC	S2UL	ID6	SWDL
YE11	115.6	YU1	S2AU	ED1	WHDL
YE22	115.6	YU2	S2AU	ED2	WHDL
YE33	115.6	YU3	S2AU	ED3	WHDL
YE44	115.6	YU4	S2AU	ED4	WHDL
YE55	115.6	YU5	S2AU	ED5	WHDL
YEC6	115.6	YUC	S2AU	ED6	WHDL
YF11	117.8	YU1	S2AU	FD1	EHDL
YF22	117.8	YU2	S2AU	FD2	EHDL
YF33	117.8	YU3	S2AU	FD3	EHDL
YF44	117.8	YU4	S2AU	FD4	EHDL
YF55	117.8	YU5	S2AU	FD5	EHDL
YFC6	117.8	YUC	S2AU	FD6	EHDL
YG11	115.2	YU1	S2AU	GD1	NWDL
YG22	115.2	YU2	S2AU	GD2	NWDL
YG33	115.2	YU3	S2AU	GD3	NWDL
YG44	115.2	YU4	S2AU	GD4	NWDL
YG55	115.2	YU5	S2AU	GD5	NWDL

YGC6	115.2	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	113	YU1	S2AU	HD1	NEDL
YH22	113	YU2	S2AU	HD2	NEDL
YH33	113	YU3	S2AU	HD3	NEDL
YH44	113	YU4	S2AU	HD4	NEDL
YH55	113	YU5	S2AU	HD5	NEDL
YHC6	113	YUC	S2AU	HD6	NEDL
YI11	112.5	YU1	S2AU	ID1	SWDL
YI22	112.5	YU2	S2AU	ID2	SWDL
YI33	112.5	YU3	S2AU	ID3	SWDL
YI44	112.5	YU4	S2AU	ID4	SWDL
YI55	112.5	YU5	S2AU	ID5	SWDL
YIC6	112.5	YUC	S2AU	ID6	SWDL
WE11	110.4	WU1	S3UL	ED1	WHDL
WE22	110.4	WU2	S3UL	ED2	WHDL
WE33	110.4	WU3	S3UL	ED3	WHDL
WE44	110.4	WU4	S3UL	ED4	WHDL
WE55	110.4	WU5	S3UL	ED5	WHDL
WEC6	110.4	WUC	S3UL	ED6	WHDL
WF11	112.6	WU1	S3UL	FD1	EHDL
WF22	112.6	WU2	S3UL	FD2	EHDL
WF33	112.6	WU3	S3UL	FD3	EHDL
WF44	112.6	WU4	S3UL	FD4	EHDL
WF55	112.6	WU5	S3UL	FD5	EHDL
WFC6	112.6	WUC	S3UL	FD6	EHDL
WG11	110	WU1	S3UL	GD1	NWDL
WG22	110	WU2	S3UL	GD2	NWDL
WG33	110	WU3	S3UL	GD3	NWDL
WG44	110	WU4	S3UL	GD4	NWDL
WG55	110	WU5	S3UL	GD5	NWDL
WGC6	110	WUC	S3UL	GD6	NWDL
WJ11	109.3	WU1	S3UL	JD1	SEDL
WJ22	109.3	WU2	S3UL	JD2	SEDL

WJ33	109.3	WU3	S3UL	JD3	SEDL
WJ44	109.3	WU4	S3UL	JD4	SEDL
WJ55	109.3	WU5	S3UL	JD5	SEDL
WJC6	109.3	WUC	S3UL	JD6	SEDL
WH11	107.8	WU1	S3UL	HD1	NEDL
WH22	107.8	WU2	S3UL	HD2	NEDL
WH33	107.8	WU3	S3UL	HD3	NEDL
WH44	107.8	WU4	S3UL	HD4	NEDL
WH55	107.8	WU5	S3UL	HD5	NEDL
WHC6	107.8	WUC	S3UL	HD6	NEDL
WI11	107.3	WU1	S3UL	ID1	SWDL
WI22	107.3	WU2	S3UL	ID2	SWDL
WI33	107.3	WU3	S3UL	ID3	SWDL
WI44	107.3	WU4	S3UL	ID4	SWDL
WI55	107.3	WU5	S3UL	ID5	SWDL
WIC6	107.3	WUC	S3UL	ID6	SWDL
XE11	110.4	XU1	S3XU	ED1	WHDL
XE22	110.4	XU2	S3XU	ED2	WHDL
XE33	110.4	XU3	S3XU	ED3	WHDL
XE44	110.4	XU4	S3XU	ED4	WHDL
XE55	110.4	XU5	S3XU	ED5	WHDL
XEC6	110.4	XUC	S3XU	ED6	WHDL
XF11	112.6	XU1	S3XU	FD1	EHDL
XF22	112.6	XU2	S3XU	FD2	EHDL
XF33	112.6	XU3	S3XU	FD3	EHDL
XF44	112.6	XU4	S3XU	FD4	EHDL
XF55	112.6	XU5	S3XU	FD5	EHDL
XFC6	112.6	XUC	S3XU	FD6	EHDL
XG11	110	XU1	S3XU	GD1	NWDL
XG22	110	XU2	S3XU	GD2	NWDL
XG33	110	XU3	S3XU	GD3	NWDL
XG44	110	XU4	S3XU	GD4	NWDL
XG55	110	XU5	S3XU	GD5	NWDL
XGC6	110	XUC	S3XU	GD6	NWDL
XJ11	109.3	XU1	S3XU	JD1	SEDL
XJ22	109.3	XU2	S3XU	JD2	SEDL
XJ33	109.3	XU3	S3XU	JD3	SEDL
XJ44	109.3	XU4	S3XU	JD4	SEDL
XJ55	109.3	XU5	S3XU	JD5	SEDL

XJC6	109.3	XUC	S3XU	JD6	SEDL
XH11	107.8	XU1	S3XU	HD1	NEDL
XH22	107.8	XU2	S3XU	HD2	NEDL
XH33	107.8	XU3	S3XU	HD3	NEDL
XH44	107.8	XU4	S3XU	HD4	NEDL
XH55	107.8	XU5	S3XU	HD5	NEDL
XHC6	107.8	XUC	S3XU	HD6	NEDL
XI11	107.3	XU1	S3XU	ID1	SWDL
XI22	107.3	XU2	S3XU	ID2	SWDL
XI33	107.3	XU3	S3XU	ID3	SWDL
XI44	107.3	XU4	S3XU	ID4	SWDL
XI55	107.3	XU5	S3XU	ID5	SWDL
XIC6	107.3	XUC	S3XU	ID6	SWDL

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Page 7: Digital Modulation

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		3.36	14.9
D2	10M3G7W	10300	4	6000	0.5		3.87	16.6
D3	100KG7W	100	4	64	0.5		2.99	16.1
D4	112MG7W	112000	4	76436	0.5		3.36	16
D5	1M45G7W	1450	2	512	0.5		3.4	13.9
D6	400KG7W	400	2	128	0.5		3.4	13.2
D7	77M0G7W	77000	4	52500	0.5		3.36	13.1
D8	34M0G7W	34000	4	23204	0.5		3.36	18.3

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Page 8: Analog Modulation

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					NTSC	15.6	1.5		10	22.6
A2	30M0F3F	30000	TV/FM	1					NTSC	15.6	1.5		10	23.6

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Page 9: Typical Emissions

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)				
		(c) Digital (Table S11)	(d) Analog (Table S12)					(i) Assoc. Stn. Max. Antenna Gain (dBi)	Assoc. Station Transmit Power (dBW)		EIRP (dBW)		(n) Max. Power Flux Density (dBW/m ² /Hz)	(o) Assoc. Stn Rec. G/T (dB/K)	
(a) Start	(b) End								(j) Min.	(k) Max.	(l) Min.	(m) Max.			
AAAA	XIC6		A1	1		IS705 Schedule	4000	58.4	20.6	24.6	25.5	29.5	-162.6	33	
AAAA	XIC6	D1		1		NOTE.txt		51	19	23	25.5	29.5	-171.4	26.2	
AAAA	XIC6	D2		2	10300	NOTE.txt		51	16.8	20.8	18	22	-172.4	26.6	
AAAA	XIC6	D3		239	100	NOTE.txt		51	-3	1	-1.8	2.2	-172.7	26.2	
AAAA	XIC6		A1	1		NOTE.txt	4000	58.4	20.6	24.6	30.8	36.8	-155.3	26.6	
AAAA	XIC6	D1		1		NOTE.txt		51	19	23	30.8	36.8	-164.1	21	
AAAA	XIC6	D2		2	10300	NOTE.txt		51	17.1	21.1	23.6	29.6	-164.8	21	
AAAA	XIC6	D3		258	100	NOTE.txt		51	-3.3	0.7	3.1	9.1	-165.7	21	
AAAA	XIC6		A1	1		NOTE.txt	4000	58.4	18.6	22.6	32.3	36.3	-155.8	26.6	
AAAA	XIC6	D1		1		NOTE.txt		51	19	23	32.3	36.3	-164.6	21	
AAAA	XIC6	D2		2	10300	NOTE.txt		51	14.1	18.1	25.1	29.1	-165.3	21	
AAAA	XIC6	D3		257	100	NOTE.txt		51	-6.3	-2.3	4.7	8.7	-166.2	21	
AAAA	XIC6		A1	1		NOTE.txt	4000	58.4	16.7	22.7	25.5	29.5	-162.6	34.5	
AAAA	XIC6	D1		1		NOTE.txt		53.4	17.7	23.7	25.5	29.5	-171.4	26.2	
AAAA	XIC6	D2		2	10300	NOTE.txt		51	15	21	18.1	22.1	-172.3	26.6	
AAAA	XIC6	D3		235	100	NOTE.txt		51	-4.8	1.2	-1.7	2.3	-172.6	26.2	
AAAA	XIC6		A1	1		NOTE.txt	4000	56.4	17.7	23.7	30.8	36.8	-155.3	28.4	
AAAA	XIC6	D1		1		NOTE.txt		53.4	17.7	23.7	30.8	36.8	-164.1	21	
AAAA	XIC6	D2		2	10300	NOTE.txt		51	16.2	22.2	23.6	29.6	-164.9	21	
AAAA	XIC6	D3		259	100	NOTE.txt		51	-4.2	1.8	3.1	9.1	-165.7	21	
AAAA	XIC6		A1	1		NOTE.txt	4000	58.4	16.7	22.7	32.7	36.7	-155.4	26.2	
AAAA	XIC6	D1		1		NOTE.txt		58.4	17.7	23.7	32.7	36.7	-164.2	19.2	
AAAA	XIC6	D2		2	10300	NOTE.txt		51	9.9	15.9	25.2	29.2	-165.2	21	
AAAA	XIC6	D3		275	100	NOTE.txt		51	-10.5	-4.5	4.8	8.8	-166.1	21	
AAAA	XIC6		A1	1		NOTE.txt	4000	58.4	17.7	23.7	32.3	36.3	-155.8	26.6	
AAAA	XIC6	D1		1		NOTE.txt		53.4	17.7	23.7	32.3	36.3	-164.6	21	
AAAA	XIC6	D2		2	10300	NOTE.txt		51	13.2	19.2	25.1	29.1	-165.3	21	
AAAA	XIC6	D3		258	100	NOTE.txt		51	-7.2	-1.2	4.7	8.7	-166.1	21	
AAAA	XIC6		A1	1		NOTE.txt	4000	58.4	19.1	23.1	25.5	29.5	-162.6	33	

AAAA	XIC6	D1		1		NOTE.txt		51	19.5	23.5	25.5	29.5	-171.4	26.2
AAAA	XIC6	D2		2	10300	NOTE.txt		51	15.3	19.3	18	22	-172.4	26.6
AAAA	XIC6	D3		238	100	NOTE.txt		51	-4.5	-0.5	-1.8	2.2	-172.7	26.2
AAAA	XIC6		A1	1		NOTE.txt	4000	58.4	20.1	24.1	30.8	36.8	-155.3	26.6
AAAA	XIC6	D1		1		NOTE.txt		51	19.5	23.5	30.8	36.8	-164.1	21
AAAA	XIC6	D2		2	10300	NOTE.txt		51	15.6	19.6	23.6	29.6	-164.8	21
AAAA	XIC6	D3		258	100	NOTE.txt		51	-4.8	-0.8	3.2	9.2	-165.7	21
AAAA	XIC6		A1	1		NOTE.txt	4000	58.4	20	24	30.8	36.8	-155.3	26.6
AAAA	XIC6	D1		1		NOTE.txt		51	19.4	23.4	30.8	36.8	-164.1	21
AAAA	XIC6	D2		2	10300	NOTE.txt		51	15.5	19.5	23.6	29.2	-164.8	21
AAAA	XIC6	D3		257	100	NOTE.txt		51	-4.9	-0.9	3.2	9.2	-165.7	21
AAAA	XIC6		A1	1		NOTE.txt	4000	55.4	20	24	32.7	36.7	-155.4	26.2
AAAA	XIC6	D1		1		NOTE.txt		51	19.4	23.4	32.7	36.7	-164.2	21
AAAA	XIC6	D2		3	10300	NOTE.txt		51	9.4	13.4	25.4	29.4	-165	21
AAAA	XIC6	D3		264	100	NOTE.txt		51	-11	-7	4.9	8.9	-165.9	21
AAAA	XIC6		A1	1		NOTE.txt	4000	58.4	20.1	24.1	32.3	36.3	-155.8	26.2
AAAA	XIC6	D1		1		NOTE.txt		51	19.5	23.5	32.3	36.3	-164.6	21
AAAA	XIC6	D2		2	10300	NOTE.txt		51	12.6	16.6	25.1	29.1	-165.3	21
AAAA	XIC6	D3		255	100	NOTE.txt		51	-7.8	-3.8	4.7	8.7	-166.2	21
AAAA	XIC6		A1	3	36000	NOTE.txt	4000	56.9	13.8	17.8	34.9	38.9	-153.2	38
AAAA	XIC6	D4		1		NOTE.txt		56.9	19.8	23.8	43.2	47.2	-158.6	25
AAAA	XIC6	D2		7	10300	NOTE.txt		56.9	3.7	7.7	29.2	33.2	-161.2	26.7
AAAA	XIC6	D5		51	1450	NOTE.txt		56.9	-4.5	-0.5	21	25	-162	26.7
AAAA	XIC6	D6		280	400	NOTE.txt		49.7	-8.8	-4.8	9.5	13.5	-167.5	33.1
AAAA	XIC6	D3		821	100	NOTE.txt		56.9	-16.5	-12.5	9	13	-161.9	26.7
AAAA	XIC6		A1	2	36000	NOTE.txt	4000	55.4	17.5	23.5	37	41	-151.1	34.6
AAAA	XIC6	D7		1		NOTE.txt		53.4	17.7	23.7	43.2	47.2	-157	25
AAAA	XIC6	D2		5	10300	NOTE.txt		51	11.9	17.9	21.4	25.4	-159.3	25
AAAA	XIC6	D3		542	100	NOTE.txt		51	-8.4	-2.4	10.8	14.8	-160.1	25
AAAA	XIC6		A1	2	36000	NOTE.txt	4000	53.4	19.8	23.8	37	41	-151.1	34.6
AAAA	XIC6	D7		1		NOTE.txt		55.4	19	23	43.2	47.2	-157	22.3
AAAA	XIC6	D2		5	10300	NOTE.txt		51	12.1	16.1	31	35	-159.4	25
AAAA	XIC6	D3		554	100	NOTE.txt		51	-8.2	-4.2	10.7	14.7	-160.2	25
AAAA	XIC6		A2	1		NOTE.txt	4000	56.9	18.8	22.8	30.8	36.8	-155.3	26.2
AAAA	XIC6	D8		1		NOTE.txt		56.9	18.8	22.8	30.8	36.8	-163.8	19.2
AAAA	XIC6	D2		2	10300	NOTE.txt		56.9	6	10	22.1	28.1	-166.3	21
AAAA	XIC6	D3		230	100	NOTE.txt		56.9	-14	-10	2.1	8.1	-166.8	21
AAAA	XIC6		A2	1		NOTE.txt	4000	56.9	19.8	23.8	32.7	36.7	-155.4	23.6
AAAA	XIC6	D8		1		NOTE.txt		56.9	19.8	23.8	32.7	36.7	-163.9	19.2

AAAA	XIC6	D2		2	10300	NOTE.txt		56.9	0.3	4.3	23.3	27.3	-167.1	21
AAAA	XIC6	D3		276	100	NOTE.txt		56.9	-19.8	-15.8	3.2	7.2	-167.7	21

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Page 10: TT and C

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):	

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**Page 11:
Characteristics and
Certifications**

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.						