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 706		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: 40	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) 2879 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
3700	M	4200	M	T	Fixed Satellite Service
14000	M	14500	M	R	Fixed Satellite Service
10950	M	11200	M	T	Fixed Satellite Service
11450	M	11700	M	T	Fixed Satellite Service
11700	M	11950	M	T	Fixed Satellite Service
12500	M	12750	M	T	Fixed Satellite Service

S3. ORBITAL INFORMATION FOR GEOSTATIONARY SATELLITES ONLY:

a. Nominal Orbital Longitude (Degrees E/W): 72.1 E	b. Alternate Orbital Longitude (Degrees E/W):		c. Reason for orbital location selection: Replace the Intelsat 4 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		Global
2	S		Africa and Europe
3	S		Asia and Australia
4	S		East Asia
5	S		Southern Africa
6	S		Southeast Asia and Australia
7	S		Afria, Europe, Southeast Asia and Australia
8	S		Southern Africa and East Asia

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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						1					-7.5	-90.4	14	1
GBU	R	20.3	16.3						1					-7.5	-91.1	14	1
WHU	R	24.1	20.1						2					-3.5	-91.5	14	1
EHU	R	25.6	21.6						3					-1.5	-91.4	14	1
NWU	R	26.8	22.8						2					-0.5	-91.9	14	1
NEU	R	28.3	24.3						4					1	-92.2	14	1
SWU	R	28	24						5					0.5	-92	14	1
SEUL	R	27	23						6					-0.5	-89.9	14	1
X1UL	R	23.9	19.9						7					-4	-91.6	14	1
X2UL	R	24.9	20.9						8					-2.5	-91.2	14	1
CAU	R	30.3	26.3						1					2.5	-93.1	14	1
CBU	R	30.3	26.3						1					3	-92.7	14	1
S1UL	R	37.6	33.6					0	1					9.5	-94.1	14	1
S1XU	R	37.4	33.4					90	1					9.5	-94.2	14	1
S2UL	R	34.6	30.6					90	1					6	-93.8	14	1
S2XU	R	35.3	31.3					0	1					7.5	-95.5	14	1
S2AU	R	32.6	28.6					90	1					4.5	-93.8	14	1
S3UL	R	35.3	31.3					0	1					7	-95	14	1
S3XU	R	35.3	31.3					90	1					7	-95	14	1
GAD	T	20.4	16.4						1			33.5					
GBD	T	20.4	16.4						1			33.5					
WHD	T	23.8	19.8						2			36.6					
EHD	T	27.5	23.5						3			38.3					
NWD	T	28.2	24.2						2			37.7					
NED	T	30.7	26.7						4			38.8					
SWD	T	28.5	24.5						5			37.3					
SEDL	T	28.1	24.1						6			38.5					
CAD	T	27.7	23.7						1			40.6					
CBD	T	27.5	23.5						1			40.6					

S1DL	T	35.2	31.2					90	1			53.2					
S1XD	T	35.6	31.6					0	1			53.1					
S2DL	T	34.6	30.6					0	1			54.1					
S2XD	T	34.2	30.2					90	1			53.1					
S2AD	T	32.8	28.8					0	1			52.1					
S3DL	T	33.3	29.3					90	1			49.7					
S3XD	T	33.3	29.3					0	1			49.7					
CMD	R	8.3	5.7						1					-28.5	-107.4		
TLM	T	16.5	13.9						1			8.2					
TLM	T	-5.3	-6.3						1			0.7					
BNC	T	10.7	8.1					90	1			11.7					
BNK1	T	16.7	14.1						1			8					
BNK2	T	35.2	25.2					90	1			11.7					
BNK3	T	35.6	25.6					0	1			11.7					
BNK4	T	34.6	24.6					0	1			10.3					
BNK5	T	34.2	24.2					90	1			10.3					
BNK6	T	33.3	23.3					90	1			12.3					
BNK7	T	33.3	23.3					0	1			12.3					

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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	72.1		gaul.gxt					
GBU	R	C	72.1		gbul.gxt					
WHU	R	C	72.1		whul.gxt					
EHU	R	C	72.1		ehul.gxt					
NWU	R	C	72.1		nwul.gxt					
NEU	R	C	72.1		neul.gxt					
SWU	R	C	72.1		swul.gxt					
SEUL	R	C	72.1		seul.gxt					
X1UL	R	C	72.1		x1ul.gxt					
X2UL	R	C	72.1		x2ul.gxt					
CAU	R	C	72.1		caul.gxt					
CBU	R	C	72.1		cbul.gxt					
S1UL	R	C	72.1		s1ul.gxt					
S1XU	R	C	72.1		s1xu.gxt					
S2UL	R	C	72.1		s2ul.gxt					
S2XU	R	C	72.1		s2xu.gxt					
S2AU	R	C	72.1		s2au.gxt					
S3UL	R	C	72.1		s3ul.gxt					
S3XU	R	C	72.1		s3xu.gxt					
GAD	T	C	72.1		gadl.gxt	-159.8	-159.7	-159.5	-159.4	-159.3
GBD	T	C	72.1		gbdl.gxt	-159.8	-159.7	-159.5	-159.4	-159.3
WHD	T	C	72.1		whdl.gxt	-156.7	-156.6	-156.4	-156.3	-156.2
EHD	T	C	72.1		ehdl.gxt	-155	-154.9	-154.7	-154.6	-154.5
NWD	T	C	72.1		nwdl.gxt	-155.6	-155.5	-155.3	-155.2	-155.1
NED	T	C	72.1		nedl.gxt	-154.5	-154.4	-154.2	-154.1	-154
SWD	T	C	72.1		swdl.gxt	-156	-155.9	-155.7	-155.6	-155.5
SEDL	T	C	72.1		sedl.gxt	-154.8	-154.7	-154.5	-154.4	-154.3
CAD	T	C	72.1		cadl.gxt	-152.7	-152.6	-152.4	-152.3	-152.2

CBD	T	C	72.1		cbdl.gxt	-152.7	-152.6	-152.4	-152.3	-152.2
S1DL	T	C	72.1		s1dl.gxt	-148	-145.5	-143	-140.5	-139.6
S1XD	T	C	72.1		s1xd.gxt	-148	-145.5	-143	-140.5	-139.7
S2DL	T	C	72.1		s2dl.gxt	-148	-145.5	-143	-140.5	-138.7
S2XD	T	C	72.1		s2xd.gxt	-148	-145.5	-143	-140.5	-139.7
S2AD	T	C	72.1		s2ad.gxt	-148	-145.5	-143	-140.8	-140.7
S3DL	T	C	72.1		s3dl.gxt	-148	-145.5	-143.3	-143.2	-143.1
S3XD	T	C	72.1		s3xd.gxt	-148	-145.5	-143.3	-143.2	-143.1
CMD	R	C	72.1		cmd.gxt					
TLM	T	C	72.1		tlmo.gxt	-173	-172.9	-172.8	-172.7	-172.6
TLM	T	C	72.1		tlmb.gxt	-180.5	-180.4	-180.3	-180.2	-180.1
BNC	T	C	72.1		bnc.gxt	-159.5	-159.4	-159.3	-159.2	-159.1
BNK1	T	C	72.1		bnk1.gxt	-163.2	-163.1	-163	-162.9	-162.8
BNK2	T	C	72.1		bnk2.gxt	-159.5	-159.4	-159.3	-159.2	-159.1
BNK3	T	C	72.1		bnk3.gxt	-159.5	-159.4	-159.3	-159.2	-159.1
BNK4	T	C	72.1		bnk4.gxt	-160.9	-160.8	-160.7	-160.6	-160.5
BNK5	T	C	72.1		bnk5.gxt	-160.9	-160.8	-160.7	-160.6	-160.5
BNK6	T	C	72.1		bnk6.gxt	-158.9	-158.8	-158.7	-158.6	-158.5
BNK7	T	C	72.1		bnk7.gxt	-158.9	-158.8	-158.7	-158.6	-158.5

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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	120.5	AUA	GAUL	ADA	GADL
AABB	120.5	AUB	GAUL	ADB	GADL
AACC	120.5	AUC	GAUL	ADC	GADL
AADD	120.5	AUD	GAUL	ADD	GADL
ACAA	120.3	AUA	GAUL	CDA	CADL
ACBB	120.3	AUB	GAUL	CDB	CADL
ACCC	120.3	AUC	GAUL	CDC	CADL
ACDD	120.3	AUD	GAUL	CDD	CADL
AEAA	120.2	AUA	GAUL	EDA	WHDL
BBAA	121.2	BUA	GBUL	BDA	GBDL
BBBB	121.2	BUB	GBUL	BDB	GBDL
BBCC	121.2	BUC	GBUL	BDC	GBDL
BBDD	121.2	BUD	GBUL	BDD	GBDL
BDAA	121.2	BUA	GBUL	DDA	CBDL
BDBB	121.2	BUB	GBUL	DDB	CBDL
BDCC	121.2	BUC	GBUL	DDC	CBDL
BDDD	121.2	BUD	GBUL	DDD	CBDL
BFAA	118.9	BUA	GBUL	FDA	EHDL
CCAA	113	CUA	CAUL	CDA	CADL
CCBB	113	CUB	CAUL	CDB	CADL
CCCC	113	CUC	CAUL	CDC	CADL
CCDD	113	CUD	CAUL	CDD	CADL
CAAA	113.2	CUA	CAUL	ADA	GADL
CABB	113.2	CUB	CAUL	ADB	GADL
CACC	113.2	CUC	CAUL	ADC	GADL
CADD	113.2	CUD	CAUL	ADD	GADL
CEAA	112.9	CUA	CAUL	EDA	WHDL
DDAA	112.8	DUA	CBUL	DDA	CBDL
DDBB	112.8	DUB	CBUL	DDB	CBDL
DDCC	112.8	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	112.8	DUD	CBUL	DDD	CBDL
DAAA	112.8	DUA	CBUL	ADA	GBDL
DABB	112.8	DUB	CBUL	ADB	GBDL
DACC	112.8	DUC	CBUL	ADC	GBDL
DADD	112.8	DUD	CBUL	ADD	GBDL
DEAA	110.5	DUA	CBUL	EDA	EHDL
EE11	117.5	EU1	WHUL	ED1	WHDL
EE22	117.5	EU2	WHUL	ED2	WHDL
EE33	117.5	EU3	WHUL	ED3	WHDL
EE44	117.5	EU4	WHUL	ED4	WHDL
EE55	117.5	EU5	WHUL	ED5	WHDL
EE66	117.5	EU6	WHUL	ED6	WHDL
EEAA	117.5	EUA	WHUL	EDA	WHDL
EF11	115.5	EU1	WHUL	FD1	EHDL
EF22	115.5	EU2	WHUL	FD2	EHDL
EF33	115.5	EU3	WHUL	FD3	EHDL
EF44	115.5	EU4	WHUL	FD4	EHDL
EF55	115.5	EU5	WHUL	FD5	EHDL
EF66	115.5	EU6	WHUL	FD6	EHDL
EFAA	115.5	EUA	WHUL	FDA	EHDL
EG11	114.2	EU1	WHUL	GD1	NWDL
EG22	114.2	EU2	WHUL	GD2	NWDL
EG33	114.2	EU3	WHUL	GD3	NWDL
EG44	114.2	EU4	WHUL	GD4	NWDL
EG55	114.2	EU5	WHUL	GD5	NWDL
EG66	114.2	EU6	WHUL	GD6	NWDL
EGAA	114.2	EUA	WHUL	GDA	NWDL
EJ11	115.1	EU1	WHUL	JD1	SEDL
EJ22	115.1	EU2	WHUL	JD2	SEDL
EJ33	115.1	EU3	WHUL	JD3	SEDL
EJ44	115.1	EU4	WHUL	JD4	SEDL
EJ55	115.1	EU5	WHUL	JD5	SEDL
EJ66	115.1	EU6	WHUL	JD6	SEDL
EJAA	115.1	EUA	WHUL	JDA	SEDL
EH11	112.8	EU1	WHUL	HD1	NEDL
EH22	112.8	EU2	WHUL	HD2	NEDL
EH33	112.8	EU3	WHUL	HD3	NEDL
EH44	112.8	EU4	WHUL	HD4	NEDL
EH55	112.8	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
TUA	112000	R	14060	V	C
TUB	112000	R	14185	V	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
VUA	112000	R	14060	H	C
VUB	112000	R	14185	H	C
TU6	112000	R	14314	H	C
TU7	112000	R	14438	H	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

EH66	112.8	EU6	WHUL	HD6	NEDL
EHAA	112.8	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	117.8	EUA	WHUL	ADA	GADL
ECAA	117.6	EUA	WHUL	CDA	CADL
FF11	113.9	FU1	EHUL	FD1	EHDL
FF22	113.9	FU2	EHUL	FD2	EHDL
FF33	113.9	FU3	EHUL	FD3	EHDL
FF44	113.9	FU4	EHUL	FD4	EHDL
FF55	113.9	FU5	EHUL	FD5	EHDL
FF66	113.9	FU6	EHUL	FD6	EHDL
FFAA	113.9	FUA	EHUL	FDA	EHDL
FE11	115.9	FU1	EHUL	ED1	WHDL
FE22	115.9	FU2	EHUL	ED2	WHDL
FE33	115.9	FU3	EHUL	ED3	WHDL
FE44	115.9	FU4	EHUL	ED4	WHDL
FE55	115.9	FU5	EHUL	ED5	WHDL
FE66	115.9	FU6	EHUL	ED6	WHDL
FEAA	115.9	FUA	EHUL	EDA	WHDL
FG11	112.6	FU1	EHUL	GD1	NWDL
FG22	112.6	FU2	EHUL	GD2	NWDL
FG33	112.6	FU3	EHUL	GD3	NWDL
FG44	112.6	FU4	EHUL	GD4	NWDL
FG55	112.6	FU5	EHUL	GD5	NWDL
FG66	112.6	FU6	EHUL	GD6	NWDL
FGAA	112.6	FUA	EHUL	GDA	NWDL
FJ11	113.5	FU1	EHUL	JD1	SEDL
FJ22	113.5	FU2	EHUL	JD2	SEDL
FJ33	113.5	FU3	EHUL	JD3	SEDL
FJ44	113.5	FU4	EHUL	JD4	SEDL
FJ55	113.5	FU5	EHUL	JD5	SEDL
FJ66	113.5	FU6	EHUL	JD6	SEDL
FJAA	113.5	FUA	EHUL	JDA	SEDL

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
UUC	72000	R	14295	V	C
YUC	72000	R	14295	V	C
WUC	72000	R	14295	H	C
XUC	72000	R	14295	V	C
WUD	41000	R	14477.5	H	C
XUD	41000	R	14477.5	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

FH11	111.2	FU1	EHUL	HD1	NEDL
FH22	111.2	FU2	EHUL	HD2	NEDL
FH33	111.2	FU3	EHUL	HD3	NEDL
FH44	111.2	FU4	EHUL	HD4	NEDL
FH55	111.2	FU5	EHUL	HD5	NEDL
FH66	111.2	FU6	EHUL	HD6	NEDL
FHAA	111.2	FUA	EHUL	HDA	NEDL
FI11	111.9	FU1	EHUL	ID1	SWDL
FI22	111.9	FU2	EHUL	ID2	SWDL
FI33	111.9	FU3	EHUL	ID3	SWDL
FI44	111.9	FU4	EHUL	ID4	SWDL
FI55	111.9	FU5	EHUL	ID5	SWDL
FI66	111.9	FU6	EHUL	ID6	SWDL
FIAA	111.9	FUA	EHUL	IDA	SWDL
FBAA	116.2	FUA	EHUL	BDA	GBDL
FDAA	116.2	FUA	EHUL	DDA	CBDL
GG11	111.9	GU1	NWUL	GD1	NWDL
GG22	111.9	GU2	NWUL	GD2	NWDL
GG33	111.9	GU3	NWUL	GD3	NWDL
GG44	111.9	GU4	NWUL	GD4	NWDL
GG55	111.9	GU5	NWUL	GD5	NWDL
GG66	111.9	GU6	NWUL	GD6	NWDL
GGAA	111.9	GUA	NWUL	GDA	NWDL
GJ11	112.8	GU1	NWUL	JD1	SEDL
GJ22	112.8	GU2	NWUL	JD2	SEDL
GJ33	112.8	GU3	NWUL	JD3	SEDL
GJ44	112.8	GU4	NWUL	JD4	SEDL
GJ55	112.8	GU5	NWUL	JD5	SEDL
GJ66	112.8	GU6	NWUL	JD6	SEDL
GJAA	112.8	GUA	NWUL	JDA	SEDL
GH11	110.5	GU1	NWUL	HD1	NEDL
GH22	110.5	GU2	NWUL	HD2	NEDL
GH33	110.5	GU3	NWUL	HD3	NEDL
GH44	110.5	GU4	NWUL	HD4	NEDL
GH55	110.5	GU5	NWUL	HD5	NEDL
GH66	110.5	GU6	NWUL	HD6	NEDL
GHAA	110.5	GUA	NWUL	HDA	NEDL
GI11	111.2	GU1	NWUL	ID1	SWDL
GI22	111.2	GU2	NWUL	ID2	SWDL

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
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

GI33	111.2	GU3	NWUL	ID3	SWDL
GI44	111.2	GU4	NWUL	ID4	SWDL
GI55	111.2	GU5	NWUL	ID5	SWDL
GI66	111.2	GU6	NWUL	ID6	SWDL
GIAA	111.2	GUA	NWUL	IDA	SWDL
GE11	115.2	GU1	NWUL	ED1	WHDL
GE22	115.2	GU2	NWUL	ED2	WHDL
GE33	115.2	GU3	NWUL	ED3	WHDL
GE44	115.2	GU4	NWUL	ED4	WHDL
GE55	115.2	GU5	NWUL	ED5	WHDL
GE66	115.2	GU6	NWUL	ED6	WHDL
GEAA	115.2	GUA	NWUL	EDA	WHDL
GF11	113.2	GU1	NWUL	FD1	EHDL
GF22	113.2	GU2	NWUL	FD2	EHDL
GF33	113.2	GU3	NWUL	FD3	EHDL
GF44	113.2	GU4	NWUL	FD4	EHDL
GF55	113.2	GU5	NWUL	FD5	EHDL
GF66	113.2	GU6	NWUL	FD6	EHDL
GFAA	113.2	GUA	NWUL	FDA	EHDL
JG11	109.7	JU1	SEUL	GD1	NWDL
JG22	109.7	JU2	SEUL	GD2	NWDL
JG33	109.7	JU3	SEUL	GD3	NWDL
JG44	109.7	JU4	SEUL	GD4	NWDL
JG55	109.7	JU5	SEUL	GD5	NWDL
JG66	109.7	JU6	SEUL	GD6	NWDL
JGAA	109.7	JUA	SEUL	GDA	NWDL
JJ11	110.6	JU1	SEUL	JD1	SEDL
JJ22	110.6	JU2	SEUL	JD2	SEDL
JJ33	110.6	JU3	SEUL	JD3	SEDL
JJ44	110.6	JU4	SEUL	JD4	SEDL
JJ55	110.6	JU5	SEUL	JD5	SEDL
JJ66	110.6	JU6	SEUL	JD6	SEDL
JJAA	110.6	JUA	SEUL	JDA	SEDL
JH11	108.3	JU1	SEUL	HD1	NEDL
JH22	108.3	JU2	SEUL	HD2	NEDL
JH33	108.3	JU3	SEUL	HD3	NEDL
JH44	108.3	JU4	SEUL	HD4	NEDL
JH55	108.3	JU5	SEUL	HD5	NEDL
JH66	108.3	JU6	SEUL	HD6	NEDL

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
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
W1DA	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
X1DA	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
T1DA	112000	T	11010	H	C
T1DB	112000	T	11135	H	C
T1D6	112000	T	11514	H	C
T1D7	112000	T	11638	H	C
V1DA	112000	T	11010	V	C
V1DB	112000	T	11135	V	C
V1D6	112000	T	11514	V	C
V1D7	112000	T	11638	V	C
W1DE	72000	T	10992.5	V	C
W1DC	72000	T	11155	V	C
X1DE	72000	T	10992.5	H	C
X1DC	72000	T	11155	H	C

JHAA	108.3	JUA	SEUL	HDA	NEDL
JI11	109	JU1	SEUL	ID1	SWDL
JI22	109	JU2	SEUL	ID2	SWDL
JI33	109	JU3	SEUL	ID3	SWDL
JI44	109	JU4	SEUL	ID4	SWDL
JI55	109	JU5	SEUL	ID5	SWDL
JI66	109	JU6	SEUL	ID6	SWDL
JIAA	109	JUA	SEUL	IDA	SWDL
JE11	113	JU1	SEUL	ED1	WHDL
JE22	113	JU2	SEUL	ED2	WHDL
JE33	113	JU3	SEUL	ED3	WHDL
JE44	113	JU4	SEUL	ED4	WHDL
JE55	113	JU5	SEUL	ED5	WHDL
JE66	113	JU6	SEUL	ED6	WHDL
JEAA	113	JUA	SEUL	EDA	WHDL
JF11	111	JU1	SEUL	FD1	EHDL
JF22	111	JU2	SEUL	FD2	EHDL
JF33	111	JU3	SEUL	FD3	EHDL
JF44	111	JU4	SEUL	FD4	EHDL
JF55	111	JU5	SEUL	FD5	EHDL
JF66	111	JU6	SEUL	FD6	EHDL
JFAA	111	JUA	SEUL	FDA	EHDL
HG11	110.7	HU1	NEUL	GD1	NWDL
HG22	110.7	HU2	NEUL	GD2	NWDL
HG33	110.7	HU3	NEUL	GD3	NWDL
HG44	110.7	HU4	NEUL	GD4	NWDL
HG55	110.7	HU5	NEUL	GD5	NWDL
HG66	110.7	HU6	NEUL	GD6	NWDL
HGAA	110.7	HUA	NEUL	GDA	NWDL
HJ11	111.6	HU1	NEUL	JD1	SEDL
HJ22	111.6	HU2	NEUL	JD2	SEDL
HJ33	111.6	HU3	NEUL	JD3	SEDL
HJ44	111.6	HU4	NEUL	JD4	SEDL
HJ55	111.6	HU5	NEUL	JD5	SEDL
HJ66	111.6	HU6	NEUL	JD6	SEDL
HJAA	111.6	HUA	NEUL	JDA	SEDL
HH11	109.3	HU1	NEUL	HD1	NEDL
HH22	109.3	HU2	NEUL	HD2	NEDL
HH33	109.3	HU3	NEUL	HD3	NEDL

W1D1	77000	T	10992.5	V	C
X1D1	77000	T	10992.5	H	C
X1DB	72000	T	11155	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
Y2D7	112000	T	11638	H	C
W2DA	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
X2DA	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
T2DA	112000	T	12634	H	C

HH44	109.3	HU4	NEUL	HD4	NEDL
HH55	109.3	HU5	NEUL	HD5	NEDL
HH66	109.3	HU6	NEUL	HD6	NEDL
HHAA	109.3	HUA	NEUL	HDA	NEDL
HI11	110	HU1	NEUL	ID1	SWDL
HI22	110	HU2	NEUL	ID2	SWDL
HI33	110	HU3	NEUL	ID3	SWDL
HI44	110	HU4	NEUL	ID4	SWDL
HI55	110	HU5	NEUL	ID5	SWDL
HI66	110	HU6	NEUL	ID6	SWDL
HIAA	110	HUA	NEUL	IDA	SWDL
HE11	110.7	HU1	NEUL	ED1	WHDL
HE22	110.7	HU2	NEUL	ED2	WHDL
HE33	110.7	HU3	NEUL	ED3	WHDL
HE44	110.7	HU4	NEUL	ED4	WHDL
HE55	110.7	HU5	NEUL	ED5	WHDL
HE66	110.7	HU6	NEUL	ED6	WHDL
HEAA	110.7	HUA	NEUL	EDA	WHDL
HF11	112	HU1	NEUL	FD1	EHDL
HF22	112	HU2	NEUL	FD2	EHDL
HF33	112	HU3	NEUL	FD3	EHDL
HF44	112	HU4	NEUL	FD4	EHDL
HF55	112	HU5	NEUL	FD5	EHDL
HF66	112	HU6	NEUL	FD6	EHDL
HFAA	112	HUA	NEUL	FDA	EHDL
IG11	110.8	IU1	SWUL	GD1	NWDL
IG22	110.8	IU2	SWUL	GD2	NWDL
IG33	110.8	IU3	SWUL	GD3	NWDL
IG44	110.8	IU4	SWUL	GD4	NWDL
IG55	110.8	IU5	SWUL	GD5	NWDL
IG66	110.8	IU6	SWUL	GD6	NWDL
IGAA	110.8	IUA	SWUL	GDA	NWDL
IJ11	111.7	IU1	SWUL	JD1	SEDL
IJ22	111.7	IU2	SWUL	JD2	SEDL
IJ33	111.7	IU3	SWUL	JD3	SEDL
IJ44	111.7	IU4	SWUL	JD4	SEDL
IJ55	111.7	IU5	SWUL	JD5	SEDL
IJ66	111.7	IU6	SWUL	JD6	SEDL
IJAA	111.7	IUA	SWUL	JDA	SEDL

T2DB	112000	T	12690	H	C
T2D6	112000	T	11514	H	C
T2D7	112000	T	11638	H	C
V2DA	112000	T	12634	V	C
V2DB	112000	T	12690	V	C
V2D6	112000	T	11514	V	C
V2D7	112000	T	11638	V	C
W2DE	72000	T	12616.5	V	C
W2DC	72000	T	12710	V	C
X2DE	72000	T	12616.5	H	C
X2DC	72000	T	12710	H	C
W2D1	77000	T	12547.5	V	C
X2D1	77000	T	12547.5	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
W3DA	77000	T	11747.5	V	C
W3D2	72000	T	11830	V	C
W3D3	34000	T	11891	V	C
W3D4	34000	T	11929	V	C
W3D5	72000	T	11910	V	C

IH11	109.4	IU1	SWUL	HD1	NEDL
IH22	109.4	IU2	SWUL	HD2	NEDL
IH33	109.4	IU3	SWUL	HD3	NEDL
IH44	109.4	IU4	SWUL	HD4	NEDL
IH55	109.4	IU5	SWUL	HD5	NEDL
IH66	109.4	IU6	SWUL	HD6	NEDL
IHAA	109.4	IUA	SWUL	HDA	NEDL
II11	110.1	IU1	SWUL	ID1	SWDL
II22	110.1	IU2	SWUL	ID2	SWDL
II33	110.1	IU3	SWUL	ID3	SWDL
II44	110.1	IU4	SWUL	ID4	SWDL
II55	110.1	IU5	SWUL	ID5	SWDL
II66	110.1	IU6	SWUL	ID6	SWDL
IIAA	110.1	IUA	SWUL	IDA	SWDL
IE11	114.1	IU1	SWUL	ED1	WHDL
IE22	114.1	IU2	SWUL	ED2	WHDL
IE33	114.1	IU3	SWUL	ED3	WHDL
IE44	114.1	IU4	SWUL	ED4	WHDL
IE55	114.1	IU5	SWUL	ED5	WHDL
IE66	114.1	IU6	SWUL	ED6	WHDL
IEAA	114.1	IUA	SWUL	EDA	WHDL
IF11	112.1	IU1	SWUL	FD1	EHDL
IF22	112.1	IU2	SWUL	FD2	EHDL
IF33	112.1	IU3	SWUL	FD3	EHDL
IF44	112.1	IU4	SWUL	FD4	EHDL
IF55	112.1	IU5	SWUL	FD5	EHDL
IF66	112.1	IU6	SWUL	FD6	EHDL
IFAA	112.1	IUA	SWUL	FDA	EHDL
KG11	114.5	KU1	X1UL	GD1	NWDL
KG22	114.5	KU2	X1UL	GD2	NWDL
KG33	114.5	KU3	X1UL	GD3	NWDL
KG44	114.5	KU4	X1UL	GD4	NWDL
KG55	114.5	KU5	X1UL	GD5	NWDL
KG66	114.5	KU6	X1UL	GD6	NWDL
KGAA	114.5	KUA	X1UL	GDA	NWDL
KJ11	115.4	KU1	X1UL	JD1	SEDL
KJ22	115.4	KU2	X1UL	JD2	SEDL
KJ33	115.4	KU3	X1UL	JD3	SEDL
KJ44	115.4	KU4	X1UL	JD4	SEDL

W3D6	112000	T	11514	V	C
W3D7	112000	T	11638	V	C
X3DA	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
T3DA	112000	T	11765	H	C
T3DB	112000	T	11890	H	C
T3D6	112000	T	11514	H	C
T3D7	112000	T	11638	H	C
V3DA	112000	T	11765	V	C
V3DB	112000	T	11890	V	C
V3D6	112000	T	11514	V	C
V3D7	112000	T	11638	V	C
W3DE	72000	T	11747.5	V	C
W3DC	72000	T	11910	V	C
X3DE	72000	T	11747.5	H	C
X3DC	72000	T	11910	H	C
W3D1	77000	T	11747.5	V	C
X3D1	77000	T	11747.5	H	C
S1DC	72000	T	11495	V	C
U1DC	72000	T	11495	H	C
Y1DC	72000	T	11495	H	C
S2DC	72000	T	11495	V	C
U2DC	72000	T	11495	H	C
Y2DC	72000	T	11495	H	C
S3DC	72000	T	11495	V	C
U3DC	72000	T	11495	H	C
Y3DC	72000	T	11495	H	C
CMD1	1000	R	6173.7	L	T
CMD2	1000	R	6176.3	L	T
TM1	500	T	3947.5	R	T
TM2	500	T	3952.5	R	T
TM3	500	T	3948	R	T
TM4	500	T	3952	R	T
BN1	25	T	3950	V	T

KJ55	115.4	KU5	X1UL	JD5	SEDL
KJ66	115.4	KU6	X1UL	JD6	SEDL
KJAA	115.4	KUA	X1UL	JDA	SEDL
KH11	113.1	KU1	X1UL	HD1	NEDL
KH22	113.1	KU2	X1UL	HD2	NEDL
KH33	113.1	KU3	X1UL	HD3	NEDL
KH44	113.1	KU4	X1UL	HD4	NEDL
KH55	113.1	KU5	X1UL	HD5	NEDL
KH66	113.1	KU6	X1UL	HD6	NEDL
KHAA	113.1	KUA	X1UL	HDA	NEDL
KI11	113.8	KU1	X1UL	ID1	SWDL
KI22	113.8	KU2	X1UL	ID2	SWDL
KI33	113.8	KU3	X1UL	ID3	SWDL
KI44	113.8	KU4	X1UL	ID4	SWDL
KI55	113.8	KU5	X1UL	ID5	SWDL
KI66	113.8	KU6	X1UL	ID6	SWDL
KIAA	113.8	KUA	X1UL	IDA	SWDL
KE11	117.8	KU1	X1UL	ED1	WHDL
KE22	117.8	KU2	X1UL	ED2	WHDL
KE33	117.8	KU3	X1UL	ED3	WHDL
KE44	117.8	KU4	X1UL	ED4	WHDL
KE55	117.8	KU5	X1UL	ED5	WHDL
KE66	117.8	KU6	X1UL	ED6	WHDL
KEAA	117.8	KUA	X1UL	EDA	WHDL
KF11	115.8	KU1	X1UL	FD1	EHDL
KF22	115.8	KU2	X1UL	FD2	EHDL
KF33	115.8	KU3	X1UL	FD3	EHDL
KF44	115.8	KU4	X1UL	FD4	EHDL
KF55	115.8	KU5	X1UL	FD5	EHDL
KF66	115.8	KU6	X1UL	FD6	EHDL
KFAA	115.8	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	114	LU1	X2UL	JD1	SEDL

BN2	25	T	11198	R	T
BN3	25	T	11452	R	T
BN4	25	T	11701	V	T
BN5	25	T	11701	H	T
BN6	25	T	11701	H	T
BN7	25	T	11701	V	T
BN8	25	T	11701	V	T
BN9	25	T	11701	H	T
BN10	25	T	12501	V	T
BN11	25	T	12501	H	T
BN12	25	T	12501	H	T
BN13	25	T	12501	V	T
BN14	25	T	12501	V	T
BN15	25	T	12501	H	T

LJ22	114	LU2	X2UL	JD2	SEDL
LJ33	114	LU3	X2UL	JD3	SEDL
LJ44	114	LU4	X2UL	JD4	SEDL
LJ55	114	LU5	X2UL	JD5	SEDL
LJ66	114	LU6	X2UL	JD6	SEDL
LJAA	114	LUA	X2UL	JDA	SEDL
LH11	111.7	LU1	X2UL	HD1	NEDL
LH22	111.7	LU2	X2UL	HD2	NEDL
LH33	111.7	LU3	X2UL	HD3	NEDL
LH44	111.7	LU4	X2UL	HD4	NEDL
LH55	111.7	LU5	X2UL	HD5	NEDL
LH66	111.7	LU6	X2UL	HD6	NEDL
LHAA	111.7	LUA	X2UL	HDA	NEDL
LI11	112.4	LU1	X2UL	ID1	SWDL
LI22	112.4	LU2	X2UL	ID2	SWDL
LI33	112.4	LU3	X2UL	ID3	SWDL
LI44	112.4	LU4	X2UL	ID4	SWDL
LI55	112.4	LU5	X2UL	ID5	SWDL
LI66	112.4	LU6	X2UL	ID6	SWDL
LIAA	112.4	LUA	X2UL	IDA	SWDL
LE11	116.4	LU1	X2UL	ED1	WHDL
LE22	116.4	LU2	X2UL	ED2	WHDL
LE33	116.4	LU3	X2UL	ED3	WHDL
LE44	116.4	LU4	X2UL	ED4	WHDL
LE55	116.4	LU5	X2UL	ED5	WHDL
LE66	116.4	LU6	X2UL	ED6	WHDL
LEAA	116.4	LUA	X2UL	EDA	WHDL
LF11	114.4	LU1	X2UL	FD1	EHDL
LF22	114.4	LU2	X2UL	FD2	EHDL
LF33	114.4	LU3	X2UL	FD3	EHDL
LF44	114.4	LU4	X2UL	FD4	EHDL
LF55	114.4	LU5	X2UL	FD5	EHDL
LF66	114.4	LU6	X2UL	FD6	EHDL
LFAA	114.4	LUA	X2UL	FDA	EHDL
SS11	119	SU1	S1UL	S1D1	S1DL
SS12	119	SU2	S1UL	S1D2	S1DL
SS13	119	SU3	S1UL	S1D3	S1DL
SS14	119	SU4	S1UL	S1D4	S1DL
SS15	119	SU5	S1UL	S1D5	S1DL

SS16	119	SU6	S1UL	S1D6	S1DL
SS17	119	SU7	S1UL	S1D7	S1DL
SU11	120.5	SU1	S1UL	U1D1	S2DL
SU12	120.5	SU2	S1UL	U1D2	S2DL
SU13	120.5	SU3	S1UL	U1D3	S2DL
SU14	120.5	SU4	S1UL	U1D4	S2DL
SU15	120.5	SU5	S1UL	U1D5	S2DL
SU16	120.5	SU6	S1UL	U1D6	S2DL
SU17	120.5	SU7	S1UL	U1D7	S2DL
SY11	120.3	SU1	S1UL	Y1D1	S2AD
SY12	120.3	SU2	S1UL	Y1D2	S2AD
SY13	120.3	SU3	S1UL	Y1D3	S2AD
SY14	120.3	SU4	S1UL	Y1D4	S2AD
SY15	120.3	SU5	S1UL	Y1D5	S2AD
SY16	120.3	SU6	S1UL	Y1D6	S2AD
SY17	120.3	SU7	S1UL	Y1D7	S2AD
SW1A	117.4	SU1	S1UL	W1DA	S3DL
SW12	117.4	SU2	S1UL	W1D2	S3DL
SW13	117.4	SU3	S1UL	W1D3	S3DL
SW14	117.4	SU4	S1UL	W1D4	S3DL
SW15	117.4	SU5	S1UL	W1D5	S3DL
SW16	117.4	SU6	S1UL	W1D6	S3DL
SW17	117.4	SU7	S1UL	W1D7	S3DL
SX1A	117.4	SU1	S1UL	X1DA	S3XD
SX12	117.4	SU2	S1UL	X1D2	S3XD
SX13	117.4	SU3	S1UL	X1D3	S3XD
SX14	117.4	SU4	S1UL	X1D4	S3XD
SX15	117.4	SU5	S1UL	X1D5	S3XD
SX16	117.4	SU6	S1UL	X1D6	S3XD
SX17	117.4	SU7	S1UL	X1D7	S3XD
TT1A	118.8	TUA	S1XU	T1DA	S1XD
TT1B	118.8	TUB	S1XU	T1DB	S1XD
ST16	118.8	SU6	S1XU	T1D6	S1XD
ST17	118.8	SU7	S1XU	T1D7	S1XD
TV1A	120.2	TUA	S1XU	V1DA	S2XD
TV1B	120.2	TUB	S1XU	V1DB	S2XD
SV16	120.2	SU6	S1XU	V1D6	S2XD
SV17	120.2	SU7	S1XU	V1D7	S2XD
TW1E	117.7	TUA	S1XU	W1DE	S3DL

TW1C	117.7	TUB	S1XU	W1DC	S3DL
TX1E	117.7	TUA	S1XU	X1DE	S3XD
TX1C	117.7	TUB	S1XU	X1DC	S3XD
US11	121.7	UU1	S2UL	S1D1	S1DL
US12	121.7	UU2	S2UL	S1D2	S1DL
US13	121.7	UU3	S2UL	S1D3	S1DL
US14	121.7	UU4	S2UL	S1D4	S1DL
US15	121.7	UU5	S2UL	S1D5	S1DL
US16	121.7	UU6	S2UL	S1D6	S1DL
US17	121.7	UU7	S2UL	S1D7	S1DL
UU11	123.2	UU1	S2UL	U1D1	S2DL
UU12	123.2	UU2	S2UL	U1D2	S2DL
UU13	123.2	UU3	S2UL	U1D3	S2DL
UU14	123.2	UU4	S2UL	U1D4	S2DL
UU15	123.2	UU5	S2UL	U1D5	S2DL
UU16	123.2	UU6	S2UL	U1D6	S2DL
UU17	123.2	UU7	S2UL	U1D7	S2DL
UW11	120.1	UU1	S2UL	W1D1	S3DL
UW12	120.1	UU2	S2UL	W1D2	S3DL
UW13	120.1	UU3	S2UL	W1D3	S3DL
UW14	120.1	UU4	S2UL	W1D4	S3DL
UW15	120.1	UU5	S2UL	W1D5	S3DL
UW16	120.1	UU6	S2UL	W1D6	S3DL
UW17	120.1	UU7	S2UL	W1D7	S3DL
UX11	120.1	UU1	S2UL	X1D1	S3XD
UX12	120.1	UU2	S2UL	X1D2	S3XD
UX13	120.1	UU3	S2UL	X1D3	S3XD
UX14	120.1	UU4	S2UL	X1D4	S3XD
UX15	120.1	UU5	S2UL	X1D5	S3XD
UX16	120.1	UU6	S2UL	X1D6	S3XD
UX17	120.1	UU7	S2UL	X1D7	S3XD
VT1A	122.2	VUA	S2XU	T1DA	S1XD
VT1B	122.2	VUB	S2XU	T1DB	S1XD
TT16	122.2	TU6	S2XU	T1D6	S1XD
TT17	122.2	TU7	S2XU	T1D7	S1XD
VV1A	123.6	VUA	S2XU	V1DA	S2XD
VV1B	123.6	VUB	S2XU	V1DB	S2XD
TV16	123.6	TU6	S2XU	V1D6	S2XD
TV17	123.6	TU7	S2XU	V1D7	S2XD

VW1E	121.1	VUA	S2XU	W1DE	S3DL
VW1C	121.1	VUB	S2XU	W1DC	S3DL
TW16	121.1	TU6	S2XU	W1D6	S3DL
TW17	121.1	TU7	S2XU	W1D7	S3DL
VX1A	121.1	VUA	S2XU	X1DA	S3XD
VX1B	121.1	VUB	S2XU	X1DB	S3XD
TX16	121.1	TU6	S2XU	X1D6	S3XD
TX17	121.1	TU7	S2XU	X1D7	S3XD
YS11	123.7	YU1	S2AU	S1D1	S1DL
YS12	123.7	YU2	S2AU	S1D2	S1DL
YS13	123.7	YU3	S2AU	S1D3	S1DL
YS14	123.7	YU4	S2AU	S1D4	S1DL
YS15	123.7	YU5	S2AU	S1D5	S1DL
YS16	123.7	YU6	S2AU	S1D6	S1DL
YS17	123.7	YU7	S2AU	S1D7	S1DL
YY11	125	YU1	S2AU	Y1D1	S2AD
YY12	125	YU2	S2AU	Y1D2	S2AD
YY13	125	YU3	S2AU	Y1D3	S2AD
YY14	125	YU4	S2AU	Y1D4	S2AD
YY15	125	YU5	S2AU	Y1D5	S2AD
YY16	125	YU6	S2AU	Y1D6	S2AD
YY17	125	YU7	S2AU	Y1D7	S2AD
YW11	122.1	YU1	S2AU	W1D1	S3DL
YW12	122.1	YU2	S2AU	W1D2	S3DL
YW13	122.1	YU3	S2AU	W1D3	S3DL
YW14	122.1	YU4	S2AU	W1D4	S3DL
YW15	122.1	YU5	S2AU	W1D5	S3DL
YW16	122.1	YU6	S2AU	W1D6	S3DL
YW17	122.1	YU7	S2AU	W1D7	S3DL
YX11	122.1	YU1	S2AU	X1D1	S3XD
YX12	122.1	YU2	S2AU	X1D2	S3XD
YX13	122.1	YU3	S2AU	X1D3	S3XD
YX14	122.1	YU4	S2AU	X1D4	S3XD
YX15	122.1	YU5	S2AU	X1D5	S3XD
YX16	122.1	YU6	S2AU	X1D6	S3XD
YX17	122.1	YU7	S2AU	X1D7	S3XD
WS11	122.2	WU1	S3UL	S1D1	S1DL
WS12	122.2	WU2	S3UL	S1D2	S1DL
WS13	122.2	WU3	S3UL	S1D3	S1DL

WS14	122.2	WU4	S3UL	S1D4	S1DL
WS15	122.2	WU5	S3UL	S1D5	S1DL
WS16	122.2	WU6	S3UL	S1D6	S1DL
WS17	122.2	WU7	S3UL	S1D7	S1DL
WU11	123.7	WU1	S3UL	U1D1	S2DL
WU12	123.7	WU2	S3UL	U1D2	S2DL
WU13	123.7	WU3	S3UL	U1D3	S2DL
WU14	123.7	WU4	S3UL	U1D4	S2DL
WU15	123.7	WU5	S3UL	U1D5	S2DL
WU16	123.7	WU6	S3UL	U1D6	S2DL
WU17	123.7	WU7	S3UL	U1D7	S2DL
WY11	123.5	WU1	S3UL	Y1D1	S2AD
WY12	123.5	WU2	S3UL	Y1D2	S2AD
WY13	123.5	WU3	S3UL	Y1D3	S2AD
WY14	123.5	WU4	S3UL	Y1D4	S2AD
WY15	123.5	WU5	S3UL	Y1D5	S2AD
WY16	123.5	WU6	S3UL	Y1D6	S2AD
WY17	123.5	WU7	S3UL	Y1D7	S2AD
WW11	120.6	WU1	S3UL	W1D1	S3DL
WW12	120.6	WU2	S3UL	W1D2	S3DL
WW13	120.6	WU3	S3UL	W1D3	S3DL
WW14	120.6	WU4	S3UL	W1D4	S3DL
WW15	120.6	WU5	S3UL	W1D5	S3DL
WW16	120.6	WU6	S3UL	W1D6	S3DL
WW17	120.6	WU7	S3UL	W1D7	S3DL
XS11	122.2	XU1	S3XU	S1D1	S1DL
XS12	122.2	XU2	S3XU	S1D2	S1DL
XS13	122.2	XU3	S3XU	S1D3	S1DL
XS14	122.2	XU4	S3XU	S1D4	S1DL
XS15	122.2	XU5	S3XU	S1D5	S1DL
XS16	122.2	XU6	S3XU	S1D6	S1DL
XS17	122.2	XU7	S3XU	S1D7	S1DL
XU11	123.7	XU1	S3XU	U1D1	S2DL
XU12	123.7	XU2	S3XU	U1D2	S2DL
XU13	123.7	XU3	S3XU	U1D3	S2DL
XU14	123.7	XU4	S3XU	U1D4	S2DL
XU15	123.7	XU5	S3XU	U1D5	S2DL
XU16	123.7	XU6	S3XU	U1D6	S2DL
XU17	123.7	XU7	S3XU	U1D7	S2DL

XY11	123.5	XU1	S3XU	Y1D1	S2AD
XY12	123.5	XU2	S3XU	Y1D2	S2AD
XY13	123.5	XU3	S3XU	Y1D3	S2AD
XY14	123.5	XU4	S3XU	Y1D4	S2AD
XY15	123.5	XU5	S3XU	Y1D5	S2AD
XY16	123.5	XU6	S3XU	Y1D6	S2AD
XY17	123.5	XU7	S3XU	Y1D7	S2AD
XX11	120.6	XU1	S3XU	X1D1	S3XD
XX12	120.6	XU2	S3XU	X1D2	S3XD
XX13	120.6	XU3	S3XU	X1D3	S3XD
XX14	120.6	XU4	S3XU	X1D4	S3XD
XX15	120.6	XU5	S3XU	X1D5	S3XD
XX16	120.6	XU6	S3XU	X1D6	S3XD
XX17	120.6	XU7	S3XU	X1D7	S3XD
WT1A	121.7	WU1	S3UL	T1DA	S1XD
WT1B	121.7	WU5	S3UL	T1DB	S1XD
WT16	121.7	WU6	S3UL	T1D6	S1XD
WT17	121.7	WU7	S3UL	T1D7	S1XD
WV1A	123.1	WU1	S3UL	V1DA	S2XD
WV1B	123.1	WU5	S3UL	V1DB	S2XD
WV16	123.1	WU6	S3UL	V1D6	S2XD
WV17	123.1	WU7	S3UL	V1D7	S2XD
XT1A	121.7	XU1	S3XU	T1DA	S1XD
XT1B	121.7	XU5	S3XU	T1DB	S1XD
XT16	121.7	XU6	S3XU	T1D6	S1XD
XT17	121.7	XU7	S3XU	T1D7	S1XD
XV1A	123.1	XU1	S3XU	V1DA	S2XD
XV1B	123.1	XU5	S3XU	V1DB	S2XD
XV16	123.1	XU6	S3XU	V1D6	S2XD
XV17	123.1	XU7	S3XU	V1D7	S2XD
SS21	119	SU1	S1UL	S2D1	S1DL
SS22	119	SU2	S1UL	S2D2	S1DL
SS23	119	SU3	S1UL	S2D3	S1DL
SS24	119	SU4	S1UL	S2D4	S1DL
SS25	119	SU5	S1UL	S2D5	S1DL
SS26	119	SU6	S1UL	S2D6	S1DL
SS27	119	SU7	S1UL	S2D7	S1DL
SU21	120.5	SU1	S1UL	U2D1	S2DL
SU22	120.5	SU2	S1UL	U2D2	S2DL

SU23	120.5	SU3	S1UL	U2D3	S2DL
SU24	120.5	SU4	S1UL	U2D4	S2DL
SU25	120.5	SU5	S1UL	U2D5	S2DL
SU26	120.5	SU6	S1UL	U2D6	S2DL
SU27	120.5	SU7	S1UL	U2D7	S2DL
SY21	120.3	SU1	S1UL	Y2D1	S2AD
SY22	120.3	SU2	S1UL	Y2D2	S2AD
SY23	120.3	SU3	S1UL	Y2D3	S2AD
SY24	120.3	SU4	S1UL	Y2D4	S2AD
SY25	120.3	SU5	S1UL	Y2D5	S2AD
SY26	120.3	SU6	S1UL	Y2D6	S2AD
SY27	120.3	SU7	S1UL	Y2D7	S2AD
SW2A	117.4	SU1	S1UL	W2DA	S3DL
SW22	117.4	SU2	S1UL	W2D2	S3DL
SW23	117.4	SU3	S1UL	W2D3	S3DL
SW24	117.4	SU4	S1UL	W2D4	S3DL
SW25	117.4	SU5	S1UL	W2D5	S3DL
SW26	117.4	SU6	S1UL	W2D6	S3DL
SW27	117.4	SU7	S1UL	W2D7	S3DL
SX2A	117.4	SU1	S1UL	X2DA	S3XD
SX22	117.4	SU2	S1UL	X2D2	S3XD
SX23	117.4	SU3	S1UL	X2D3	S3XD
SX24	117.4	SU4	S1UL	X2D4	S3XD
SX25	117.4	SU5	S1UL	X2D5	S3XD
SX26	117.4	SU6	S1UL	X2D6	S3XD
SX27	117.4	SU7	S1UL	X2D7	S3XD
TT2A	118.8	TUA	S1XU	T2DA	S1XD
TT2B	118.8	TUB	S1XU	T2DB	S1XD
ST26	118.8	SU6	S1XU	T2D6	S1XD
ST27	118.8	SU7	S1XU	T2D7	S1XD
TV2A	120.2	TUA	S1XU	V2DA	S2XD
TV2B	120.2	TUB	S1XU	V2DB	S2XD
SV26	120.2	SU6	S1XU	V2D6	S2XD
SV27	120.2	SU7	S1XU	V2D7	S2XD
TW2E	117.7	TUA	S1XU	W2DE	S3DL
TW2C	117.7	TUB	S1XU	W2DC	S3DL
TX2E	117.7	TUA	S1XU	X2DE	S3XD
TX2C	117.7	TUB	S1XU	X2DC	S3XD
US21	121.7	UU1	S2UL	S2D1	S1DL

US22	121.7	UU2	S2UL	S2D2	S1DL
US23	121.7	UU3	S2UL	S2D3	S1DL
US24	121.7	UU4	S2UL	S2D4	S1DL
US25	121.7	UU5	S2UL	S2D5	S1DL
US26	121.7	UU6	S2UL	S2D6	S1DL
US27	121.7	UU7	S2UL	S2D7	S1DL
UU21	123.2	UU1	S2UL	U2D1	S2DL
UU22	123.2	UU2	S2UL	U2D2	S2DL
UU23	123.2	UU3	S2UL	U2D3	S2DL
UU24	123.2	UU4	S2UL	U2D4	S2DL
UU25	123.2	UU5	S2UL	U2D5	S2DL
UU26	123.2	UU6	S2UL	U2D6	S2DL
UU27	123.2	UU7	S2UL	U2D7	S2DL
UW21	120.1	UU1	S2UL	W2D1	S3DL
UW22	120.1	UU2	S2UL	W2D2	S3DL
UW23	120.1	UU3	S2UL	W2D3	S3DL
UW24	120.1	UU4	S2UL	W2D4	S3DL
UW25	120.1	UU5	S2UL	W2D5	S3DL
UW26	120.1	UU6	S2UL	W2D6	S3DL
UW27	120.1	UU7	S2UL	W2D7	S3DL
UX21	120.1	UU1	S2UL	X2D1	S3XD
UX22	120.1	UU2	S2UL	X2D2	S3XD
UX23	120.1	UU3	S2UL	X2D3	S3XD
UX24	120.1	UU4	S2UL	X2D4	S3XD
UX25	120.1	UU5	S2UL	X2D5	S3XD
UX26	120.1	UU6	S2UL	X2D6	S3XD
UX27	120.1	UU7	S2UL	X2D7	S3XD
VT2A	122.2	VUA	S2XU	T2DA	S1XD
VT2B	122.2	VUB	S2XU	T2DB	S1XD
TT26	122.2	TU6	S2XU	T2D6	S1XD
TT27	122.2	TU7	S2XU	T2D7	S1XD
VV2A	123.6	VUA	S2XU	V2DA	S2XD
VV2B	123.6	VUB	S2XU	V2DB	S2XD
TV26	123.6	TU6	S2XU	V2D6	S2XD
TV27	123.6	TU7	S2XU	V2D7	S2XD
VW2E	121.1	VUA	S2XU	W2DE	S3DL
VW2C	121.1	VUB	S2XU	W2DC	S3DL
TW26	121.1	TU6	S2XU	W2D6	S3DL
TW27	121.1	TU7	S2XU	W2D7	S3DL

VX2E	121.1	VUA	S2XU	X2DE	S3XD
VX2C	121.1	VUB	S2XU	X2DC	S3XD
TX26	121.1	TU6	S2XU	X2D6	S3XD
TX27	121.1	TU7	S2XU	X2D7	S3XD
YS21	123.7	YU1	S2AU	S2D1	S1DL
YS22	123.7	YU2	S2AU	S2D2	S1DL
YS23	123.7	YU3	S2AU	S2D3	S1DL
YS24	123.7	YU4	S2AU	S2D4	S1DL
YS25	123.7	YU5	S2AU	S2D5	S1DL
YS26	123.7	YU6	S2AU	S2D6	S1DL
YS27	123.7	YU7	S2AU	S2D7	S1DL
YY21	125	YU1	S2AU	Y2D1	S2AD
YY22	125	YU2	S2AU	Y2D2	S2AD
YY23	125	YU3	S2AU	Y2D3	S2AD
YY24	125	YU4	S2AU	Y2D4	S2AD
YY25	125	YU5	S2AU	Y2D5	S2AD
YY26	125	YU6	S2AU	Y2D6	S2AD
YY27	125	YU7	S2AU	Y2D7	S2AD
YW21	122.1	YU1	S2AU	W2D1	S3DL
YW22	122.1	YU2	S2AU	W2D2	S3DL
YW23	122.1	YU3	S2AU	W2D3	S3DL
YW24	122.1	YU4	S2AU	W2D4	S3DL
YW25	122.1	YU5	S2AU	W2D5	S3DL
YW26	122.1	YU6	S2AU	W2D6	S3DL
YW27	122.1	YU7	S2AU	W2D7	S3DL
YX21	122.1	YU1	S2AU	X2D1	S3XD
YX22	122.1	YU2	S2AU	X2D2	S3XD
YX23	122.1	YU3	S2AU	X2D3	S3XD
YX24	122.1	YU4	S2AU	X2D4	S3XD
YX25	122.1	YU5	S2AU	X2D5	S3XD
YX26	122.1	YU6	S2AU	X2D6	S3XD
YX27	122.1	YU7	S2AU	X2D7	S3XD
WS21	122.2	WU1	S3UL	S2D1	S1DL
WS22	122.2	WU2	S3UL	S2D2	S1DL
WS23	122.2	WU3	S3UL	S2D3	S1DL
WS24	122.2	WU4	S3UL	S2D4	S1DL
WS25	122.2	WU5	S3UL	S2D5	S1DL
WS26	122.2	WU6	S3UL	S2D6	S1DL
WS27	122.2	WU7	S3UL	S2D7	S1DL

WU21	123.7	WU1	S3UL	U2D1	S2DL
WU22	123.7	WU2	S3UL	U2D2	S2DL
WU23	123.7	WU3	S3UL	U2D3	S2DL
WU24	123.7	WU4	S3UL	U2D4	S2DL
WU25	123.7	WU5	S3UL	U2D5	S2DL
WU26	123.7	WU6	S3UL	U2D6	S2DL
WU27	123.7	WU7	S3UL	U2D7	S2DL
WY21	123.5	WU1	S3UL	Y2D1	S2AD
WY22	123.5	WU2	S3UL	Y2D2	S2AD
WY23	123.5	WU3	S3UL	Y2D3	S2AD
WY24	123.5	WU4	S3UL	Y2D4	S2AD
WY25	123.5	WU5	S3UL	Y2D5	S2AD
WY26	123.5	WU6	S3UL	Y2D6	S2AD
WY27	123.5	WU7	S3UL	Y2D7	S2AD
WW21	120.6	WU1	S3UL	W2D1	S3DL
WW22	120.6	WU2	S3UL	W2D2	S3DL
WW23	120.6	WU3	S3UL	W2D3	S3DL
WW24	120.6	WU4	S3UL	W2D4	S3DL
WW25	120.6	WU5	S3UL	W2D5	S3DL
WW26	120.6	WU6	S3UL	W2D6	S3DL
WW27	120.6	WU7	S3UL	W2D7	S3DL
XS21	122.2	XU1	S3XU	S2D1	S1DL
XS22	122.2	XU2	S3XU	S2D2	S1DL
XS23	122.2	XU3	S3XU	S2D3	S1DL
XS24	122.2	XU4	S3XU	S2D4	S1DL
XS25	122.2	XU5	S3XU	S2D5	S1DL
XS26	122.2	XU6	S3XU	S2D6	S1DL
XS27	122.2	XU7	S3XU	S2D7	S1DL
XU21	123.7	XU1	S3XU	U2D1	S2DL
XU22	123.7	XU2	S3XU	U2D2	S2DL
XU23	123.7	XU3	S3XU	U2D3	S2DL
XU24	123.7	XU4	S3XU	U2D4	S2DL
XU25	123.7	XU5	S3XU	U2D5	S2DL
XU26	123.7	XU6	S3XU	U2D6	S2DL
XU27	123.7	XU7	S3XU	U2D7	S2DL
XY21	123.5	XU1	S3XU	Y2D1	S2AD
XY22	123.5	XU2	S3XU	Y2D2	S2AD
XY23	123.5	XU3	S3XU	Y2D3	S2AD
XY24	123.5	XU4	S3XU	Y2D4	S2AD

XY25	123.5	XU5	S3XU	Y2D5	S2AD
XY26	123.5	XU6	S3XU	Y2D6	S2AD
XY27	123.5	XU7	S3XU	Y2D7	S2AD
XX21	120.6	XU1	S3XU	X2D1	S3XD
XX22	120.6	XU2	S3XU	X2D2	S3XD
XX23	120.6	XU3	S3XU	X2D3	S3XD
XX24	120.6	XU4	S3XU	X2D4	S3XD
XX25	120.6	XU5	S3XU	X2D5	S3XD
XX26	120.6	XU6	S3XU	X2D6	S3XD
XX27	120.6	XU7	S3XU	X2D7	S3XD
WT2A	121.7	WU1	S3UL	T2DA	S1XD
WT2B	121.7	WU5	S3UL	T2DB	S1XD
WT26	121.7	WU6	S3UL	T2D6	S1XD
WT27	121.7	WU7	S3UL	T2D7	S1XD
WV2A	123.1	WU1	S3UL	V2DA	S2XD
WV2B	123.1	WU5	S3UL	V2DB	S2XD
WV26	123.1	WU6	S3UL	V2D6	S2XD
WV27	123.1	WU7	S3UL	V2D7	S2XD
XT2A	121.7	XU1	S3XU	T2DA	S1XD
XT2B	121.7	XU5	S3XU	T2DB	S1XD
XT26	121.7	XU6	S3XU	T2D6	S1XD
XT27	121.7	XU7	S3XU	T2D7	S1XD
XV2A	123.1	XU1	S3XU	V2DA	S2XD
XV2B	123.1	XU5	S3XU	V2DB	S2XD
XV26	123.1	XU6	S3XU	V2D6	S2XD
XV27	123.1	XU7	S3XU	V2D7	S2XD
SS31	119	SU1	S1UL	S3D1	S1DL
SS32	119	SU2	S1UL	S3D2	S1DL
SS33	119	SU3	S1UL	S3D3	S1DL
SS34	119	SU4	S1UL	S3D4	S1DL
SS35	119	SU5	S1UL	S3D5	S1DL
SS36	119	SU6	S1UL	S3D6	S1DL
SS37	119	SU7	S1UL	S3D7	S1DL
SU31	120.5	SU1	S1UL	U3D1	S2DL
SU32	120.5	SU2	S1UL	U3D2	S2DL
SU33	120.5	SU3	S1UL	U3D3	S2DL
SU34	120.5	SU4	S1UL	U3D4	S2DL
SU35	120.5	SU5	S1UL	U3D5	S2DL
SU36	120.5	SU6	S1UL	U3D6	S2DL

SU37	120.5	SU7	S1UL	U3D7	S2DL
SY31	120.3	SU1	S1UL	Y3D1	S2AD
SY32	120.3	SU2	S1UL	Y3D2	S2AD
SY33	120.3	SU3	S1UL	Y3D3	S2AD
SY34	120.3	SU4	S1UL	Y3D4	S2AD
SY35	120.3	SU5	S1UL	Y3D5	S2AD
SY36	120.3	SU6	S1UL	Y3D6	S2AD
SY37	120.3	SU7	S1UL	Y3D7	S2AD
SW3A	117.4	SU1	S1UL	W3DA	S3DL
SW32	117.4	SU2	S1UL	W3D2	S3DL
SW33	117.4	SU3	S1UL	W3D3	S3DL
SW34	117.4	SU4	S1UL	W3D4	S3DL
SW35	117.4	SU5	S1UL	W3D5	S3DL
SW36	117.4	SU6	S1UL	W3D6	S3DL
SW37	117.4	SU7	S1UL	W3D7	S3DL
SX3A	117.4	SU1	S1UL	X3DA	S3XD
SX32	117.4	SU2	S1UL	X3D2	S3XD
SX33	117.4	SU3	S1UL	X3D3	S3XD
SX34	117.4	SU4	S1UL	X3D4	S3XD
SX35	117.4	SU5	S1UL	X3D5	S3XD
SX36	117.4	SU6	S1UL	X3D6	S3XD
SX37	117.4	SU7	S1UL	X3D7	S3XD
TT3A	118.8	TUA	S1XU	T3DA	S1XD
TT3B	118.8	TUB	S1XU	T3DB	S1XD
ST36	118.8	SU6	S1XU	T3D6	S1XD
ST37	118.8	SU7	S1XU	T3D7	S1XD
TV3A	120.2	TUA	S1XU	V3DA	S2XD
TV3B	120.2	TUB	S1XU	V3DB	S2XD
SV36	120.2	SU6	S1XU	V3D6	S2XD
SV37	120.2	SU7	S1XU	V3D7	S2XD
TW3E	117.7	TUA	S1XU	W3DE	S3DL
TW3C	117.7	TUB	S1XU	W3DC	S3DL
TX3E	117.7	TUA	S1XU	X3DE	S3XD
TX3C	117.7	TUB	S1XU	X3DC	S3XD
US31	121.7	UU1	S2UL	S3D1	S1DL
US32	121.7	UU2	S2UL	S3D2	S1DL
US33	121.7	UU3	S2UL	S3D3	S1DL
US34	121.7	UU4	S2UL	S3D4	S1DL
US35	121.7	UU5	S2UL	S3D5	S1DL

US36	121.7	UU6	S2UL	S3D6	S1DL
US37	121.7	UU7	S2UL	S3D7	S1DL
UU31	123.2	UU1	S2UL	U3D1	S2DL
UU32	123.2	UU2	S2UL	U3D2	S2DL
UU33	123.2	UU3	S2UL	U3D3	S2DL
UU34	123.2	UU4	S2UL	U3D4	S2DL
UU35	123.2	UU5	S2UL	U3D5	S2DL
UU36	123.2	UU6	S2UL	U3D6	S2DL
UU37	123.2	UU7	S2UL	U3D7	S2DL
UW31	120.1	UU1	S2UL	W3D1	S3DL
UW32	120.1	UU2	S2UL	W3D2	S3DL
UW33	120.1	UU3	S2UL	W3D3	S3DL
UW34	120.1	UU4	S2UL	W3D4	S3DL
UW35	120.1	UU5	S2UL	W3D5	S3DL
UW36	120.1	UU6	S2UL	W3D6	S3DL
UW37	120.1	UU7	S2UL	W3D7	S3DL
UX31	120.1	UU1	S2UL	X3D1	S3XD
UX32	120.1	UU2	S2UL	X3D2	S3XD
UX33	120.1	UU3	S2UL	X3D3	S3XD
UX34	120.1	UU4	S2UL	X3D4	S3XD
UX35	120.1	UU5	S2UL	X3D5	S3XD
UX36	120.1	UU6	S2UL	X3D6	S3XD
UX37	120.1	UU7	S2UL	X3D7	S3XD
VT3A	122.2	VUA	S2XU	T3DA	S1XD
VT3B	122.2	VUB	S2XU	T3DB	S1XD
TT36	122.2	TU6	S2XU	T3D6	S1XD
TT37	122.2	TU7	S2XU	T3D7	S1XD
VV3A	123.6	VUA	S2XU	V3DA	S2XD
VV3B	123.6	VUB	S2XU	V3DB	S2XD
TV36	123.6	TU6	S2XU	V3D6	S2XD
TV37	123.6	TU7	S2XU	V3D7	S2XD
VW3E	121.1	VUA	S2XU	W3DE	S3DL
VW3C	121.1	VUB	S2XU	W3DC	S3DL
TW36	121.1	TU6	S2XU	W3D6	S3DL
TW37	121.1	TU7	S2XU	W3D7	S3DL
VX3E	121.1	VUA	S2XU	X3DE	S3XD
VX3C	121.1	VUB	S2XU	X3DC	S3XD
TX36	121.1	TU6	S2XU	X3D6	S3XD
TX37	121.1	TU7	S2XU	X3D7	S3XD

YS31	123.7	YU1	S2AU	S3D1	S1DL
YS32	123.7	YU2	S2AU	S3D2	S1DL
YS33	123.7	YU3	S2AU	S3D3	S1DL
YS34	123.7	YU4	S2AU	S3D4	S1DL
YS35	123.7	YU5	S2AU	S3D5	S1DL
YS36	123.7	YU6	S2AU	S3D6	S1DL
YS37	123.7	YU7	S2AU	S3D7	S1DL
YU31	125	YU1	S2AU	U3D1	S2DL
YU32	125	YU2	S2AU	U3D2	S2DL
YU33	125	YU3	S2AU	U3D3	S2DL
YU34	125	YU4	S2AU	U3D4	S2DL
YU35	125	YU5	S2AU	U3D5	S2DL
YU36	125	YU6	S2AU	U3D6	S2DL
YU37	125	YU7	S2AU	U3D7	S2DL
YW31	122.1	YU1	S2AU	W3D1	S3DL
YW32	122.1	YU2	S2AU	W3D2	S3DL
YW33	122.1	YU3	S2AU	W3D3	S3DL
YW34	122.1	YU4	S2AU	W3D4	S3DL
YW35	122.1	YU5	S2AU	W3D5	S3DL
YW36	122.1	YU6	S2AU	W3D6	S3DL
YW37	122.1	YU7	S2AU	W3D7	S3DL
YX31	122.1	YU1	S2AU	X3D1	S3XD
YX32	122.1	YU2	S2AU	X3D2	S3XD
YX33	122.1	YU3	S2AU	X3D3	S3XD
YX34	122.1	YU4	S2AU	X3D4	S3XD
YX35	122.1	YU5	S2AU	X3D5	S3XD
YX36	122.1	YU6	S2AU	X3D6	S3XD
YX37	122.1	YU7	S2AU	X3D7	S3XD
WS31	122.2	WU1	S3UL	S3D1	S1DL
WS32	122.2	WU2	S3UL	S3D2	S1DL
WS33	122.2	WU3	S3UL	S3D3	S1DL
WS34	122.2	WU4	S3UL	S3D4	S1DL
WS35	122.2	WU5	S3UL	S3D5	S1DL
WS36	122.2	WU6	S3UL	S3D6	S1DL
WS37	122.2	WU7	S3UL	S3D7	S1DL
WU31	123.7	WU1	S3UL	U3D1	S2DL
WU32	123.7	WU2	S3UL	U3D2	S2DL
WU33	123.7	WU3	S3UL	U3D3	S2DL
WU34	123.7	WU4	S3UL	U3D4	S2DL

WU35	123.7	WU5	S3UL	U3D5	S2DL
WU36	123.7	WU6	S3UL	U3D6	S2DL
WU37	123.7	WU7	S3UL	U3D7	S2DL
WY31	123.5	WU1	S3UL	Y3D1	S2AD
WY32	123.5	WU2	S3UL	Y3D2	S2AD
WY33	123.5	WU3	S3UL	Y3D3	S2AD
WY34	123.5	WU4	S3UL	Y3D4	S2AD
WY35	123.5	WU5	S3UL	Y3D5	S2AD
WY36	123.5	WU6	S3UL	Y3D6	S2AD
WY37	123.5	WU7	S3UL	Y3D7	S2AD
WW31	120.6	WU1	S3UL	W3D1	S3DL
WW32	120.6	WU2	S3UL	W3D2	S3DL
WW33	120.6	WU3	S3UL	W3D3	S3DL
WW34	120.6	WU4	S3UL	W3D4	S3DL
WW35	120.6	WU5	S3UL	W3D5	S3DL
WW36	120.6	WU6	S3UL	W3D6	S3DL
WW37	120.6	WU7	S3UL	W3D7	S3DL
XS31	122.2	XU1	S3XU	S3D1	S1DL
XS32	122.2	XU2	S3XU	S3D2	S1DL
XS33	122.2	XU3	S3XU	S3D3	S1DL
XS34	122.2	XU4	S3XU	S3D4	S1DL
XS35	122.2	XU5	S3XU	S3D5	S1DL
XS36	122.2	XU6	S3XU	S3D6	S1DL
XS37	122.2	XU7	S3XU	S3D7	S1DL
XU31	123.7	XU1	S3XU	U3D1	S2DL
XU32	123.7	XU2	S3XU	U3D2	S2DL
XU33	123.7	XU3	S3XU	U3D3	S2DL
XU34	123.7	XU4	S3XU	U3D4	S2DL
XU35	123.7	XU5	S3XU	U3D5	S2DL
XU36	123.7	XU6	S3XU	U3D6	S2DL
XU37	123.7	XU7	S3XU	U3D7	S2DL
XY31	123.5	XU1	S3XU	Y3D1	S2AD
XY32	123.5	XU2	S3XU	Y3D2	S2AD
XY33	123.5	XU3	S3XU	Y3D3	S2AD
XY34	123.5	XU4	S3XU	Y3D4	S2AD
XY35	123.5	XU5	S3XU	Y3D5	S2AD
XY36	123.5	XU6	S3XU	Y3D6	S2AD
XY37	123.5	XU7	S3XU	Y3D7	S2AD
XX31	120.6	XU1	S3XU	X3D1	S3XD

XX32	120.6	XU2	S3XU	X3D2	S3XD
XX33	120.6	XU3	S3XU	X3D3	S3XD
XX34	120.6	XU4	S3XU	X3D4	S3XD
XX35	120.6	XU5	S3XU	X3D5	S3XD
XX36	120.6	XU6	S3XU	X3D6	S3XD
XX37	120.6	XU7	S3XU	X3D7	S3XD
WT3A	121.7	WU1	S3UL	T3DA	S1XD
WT3B	121.7	WU5	S3UL	T3DB	S1XD
WT36	121.7	WU6	S3UL	T3D6	S1XD
WT37	121.7	WU7	S3UL	T3D7	S1XD
WV3A	123.1	WU1	S3UL	V3DA	S2XD
WV3B	123.1	WU5	S3UL	V3DB	S2XD
WV36	123.1	WU6	S3UL	V3D6	S2XD
WV37	123.1	WU7	S3UL	V3D7	S2XD
XT3A	121.7	XU1	S3XU	T3DA	S1XD
XT3B	121.7	XU5	S3XU	T3DB	S1XD
XT36	121.7	XU6	S3XU	T3D6	S1XD
XT37	121.7	XU7	S3XU	T3D7	S1XD
XV3A	123.1	XU1	S3XU	V3DA	S2XD
XV3B	123.1	XU5	S3XU	V3DB	S2XD
XV36	123.1	XU6	S3XU	V3D6	S2XD
XV37	123.1	XU7	S3XU	V3D7	S2XD
ES11	122.7	EU1	WHUL	S1D1	S1DL
ES12	122.7	EU2	WHUL	S1D2	S1DL
ES13	122.7	EU3	WHUL	S1D3	S1DL
ES14	122.7	EU4	WHUL	S1D4	S1DL
ES15	122.7	EU5	WHUL	S1D5	S1DL
ES1C	122.7	EU6	WHUL	S1DC	S1DL
EU11	124.2	EU1	WHUL	U1D1	S2DL
EU12	124.2	EU2	WHUL	U1D2	S2DL
EU13	124.2	EU3	WHUL	U1D3	S2DL
EU14	124.2	EU4	WHUL	U1D4	S2DL
EU15	124.2	EU5	WHUL	U1D5	S2DL
EU1C	124.2	EU6	WHUL	U1DC	S2DL
EY11	124	EU1	WHUL	Y1D1	S2AD
EY12	124	EU2	WHUL	Y1D2	S2AD
EY13	124	EU3	WHUL	Y1D3	S2AD
EY14	124	EU4	WHUL	Y1D4	S2AD
EY15	124	EU5	WHUL	Y1D5	S2AD

EY1C	124	EU6	WHUL	Y1DC	S2AD
EW11	121.1	EU1	WHUL	W1D1	S3DL
EW12	121.1	EU2	WHUL	W1D2	S3DL
EW13	121.1	EU3	WHUL	W1D3	S3DL
EW14	121.1	EU4	WHUL	W1D4	S3DL
EW15	121.1	EU5	WHUL	W1D5	S3DL
EW1C	121.1	EU6	WHUL	W1DC	S3DL
EX11	121.1	EU1	WHUL	X1D1	S3XD
EX12	121.1	EU2	WHUL	X1D2	S3XD
EX13	121.1	EU3	WHUL	X1D3	S3XD
EX14	121.1	EU4	WHUL	X1D4	S3XD
EX15	121.1	EU5	WHUL	X1D5	S3XD
EX1C	121.1	EU6	WHUL	X1DC	S3XD
FS11	121.1	FU1	EHUL	S1D1	S1DL
FS12	121.1	FU2	EHUL	S1D2	S1DL
FS13	121.1	FU3	EHUL	S1D3	S1DL
FS14	121.1	FU4	EHUL	S1D4	S1DL
FS15	121.1	FU5	EHUL	S1D5	S1DL
FS1C	121.1	FU6	EHUL	S1DC	S1DL
FU11	122.6	FU1	EHUL	U1D1	S2DL
FU12	122.6	FU2	EHUL	U1D2	S2DL
FU13	122.6	FU3	EHUL	U1D3	S2DL
FU14	122.6	FU4	EHUL	U1D4	S2DL
FU15	122.6	FU5	EHUL	U1D5	S2DL
FU1C	122.6	FU6	EHUL	U1DC	S2DL
FY11	122.4	FU1	EHUL	Y1D1	S2AD
FY12	122.4	FU2	EHUL	Y1D2	S2AD
FY13	122.4	FU3	EHUL	Y1D3	S2AD
FY14	122.4	FU4	EHUL	Y1D4	S2AD
FY15	122.4	FU5	EHUL	Y1D5	S2AD
FY1C	122.4	FU6	EHUL	Y1DC	S2AD
FW11	119.5	FU1	EHUL	W1D1	S3DL
FW12	119.5	FU2	EHUL	W1D2	S3DL
FW13	119.5	FU3	EHUL	W1D3	S3DL
FW14	119.5	FU4	EHUL	W1D4	S3DL
FW15	119.5	FU5	EHUL	W1D5	S3DL
FW1C	119.5	FU6	EHUL	W1DC	S3DL
FX11	119.5	FU1	EHUL	X1D1	S3XD
FX12	119.5	FU2	EHUL	X1D2	S3XD

FX13	119.5	FU3	EHUL	X1D3	S3XD
FX14	119.5	FU4	EHUL	X1D4	S3XD
FX15	119.5	FU5	EHUL	X1D5	S3XD
FX1C	119.5	FU6	EHUL	X1DC	S3XD
GS11	120.4	GU1	NWUL	S1D1	S1DL
GS12	120.4	GU2	NWUL	S1D2	S1DL
GS13	120.4	GU3	NWUL	S1D3	S1DL
GS14	120.4	GU4	NWUL	S1D4	S1DL
GS15	120.4	GU5	NWUL	S1D5	S1DL
GS1C	120.4	GU6	NWUL	S1DC	S1DL
GU11	121.9	GU1	NWUL	U1D1	S2DL
GU12	121.9	GU2	NWUL	U1D2	S2DL
GU13	121.9	GU3	NWUL	U1D3	S2DL
GU14	121.9	GU4	NWUL	U1D4	S2DL
GU15	121.9	GU5	NWUL	U1D5	S2DL
GU1C	121.9	GU6	NWUL	U1DC	S2DL
GY11	121.7	GU1	NWUL	Y1D1	S2AD
GY12	121.7	GU2	NWUL	Y1D2	S2AD
GY13	121.7	GU3	NWUL	Y1D3	S2AD
GY14	121.7	GU4	NWUL	Y1D4	S2AD
GY15	121.7	GU5	NWUL	Y1D5	S2AD
GY1C	121.7	GU6	NWUL	Y1DC	S2AD
GW11	118.8	GU1	NWUL	W1D1	S3DL
GW12	118.8	GU2	NWUL	W1D2	S3DL
GW13	118.8	GU3	NWUL	W1D3	S3DL
GW14	118.8	GU4	NWUL	W1D4	S3DL
GW15	118.8	GU5	NWUL	W1D5	S3DL
GW1C	118.8	GU6	NWUL	W1DC	S3DL
GX11	118.8	GU1	NWUL	X1D1	S3XD
GX12	118.8	GU2	NWUL	X1D2	S3XD
GX13	118.8	GU3	NWUL	X1D3	S3XD
GX14	118.8	GU4	NWUL	X1D4	S3XD
GX15	118.8	GU5	NWUL	X1D5	S3XD
GX1C	118.8	GU6	NWUL	X1DC	S3XD
JS11	118.2	JU1	SEUL	S1D1	S1DL
JS12	118.2	JU2	SEUL	S1D2	S1DL
JS13	118.2	JU3	SEUL	S1D3	S1DL
JS14	118.2	JU4	SEUL	S1D4	S1DL
JS15	118.2	JU5	SEUL	S1D5	S1DL

JS1C	118.2	JU6	SEUL	S1DC	S1DL
JU11	119.7	JU1	SEUL	U1D1	S2DL
JU12	119.7	JU2	SEUL	U1D2	S2DL
JU13	119.7	JU3	SEUL	U1D3	S2DL
JU14	119.7	JU4	SEUL	U1D4	S2DL
JU15	119.7	JU5	SEUL	U1D5	S2DL
JU1C	119.7	JU6	SEUL	U1DC	S2DL
JY11	119.5	JU1	SEUL	Y1D1	S2AD
JY12	119.5	JU2	SEUL	Y1D2	S2AD
JY13	119.5	JU3	SEUL	Y1D3	S2AD
JY14	119.5	JU4	SEUL	Y1D4	S2AD
JY15	119.5	JU5	SEUL	Y1D5	S2AD
JY1C	119.5	JU6	SEUL	Y1DC	S2AD
JW11	116.6	JU1	SEUL	W1D1	S3DL
JW12	116.6	JU2	SEUL	W1D2	S3DL
JW13	116.6	JU3	SEUL	W1D3	S3DL
JW14	116.6	JU4	SEUL	W1D4	S3DL
JW15	116.6	JU5	SEUL	W1D5	S3DL
JW1C	116.6	JU6	SEUL	W1DC	S3DL
JX11	116.6	JU1	SEUL	X1D1	S3XD
JX12	116.6	JU2	SEUL	X1D2	S3XD
JX13	116.6	JU3	SEUL	X1D3	S3XD
JX14	116.6	JU4	SEUL	X1D4	S3XD
JX15	116.6	JU5	SEUL	X1D5	S3XD
JX1C	116.6	JU6	SEUL	X1DC	S3XD
HS11	119.2	HU1	NEUL	S1D1	S1DL
HS12	119.2	HU2	NEUL	S1D2	S1DL
HS13	119.2	HU3	NEUL	S1D3	S1DL
HS14	119.2	HU4	NEUL	S1D4	S1DL
HS15	119.2	HU5	NEUL	S1D5	S1DL
HS1C	119.2	HU6	NEUL	S1DC	S1DL
HU11	120.7	HU1	NEUL	U1D1	S2DL
HU12	120.7	HU2	NEUL	U1D2	S2DL
HU13	120.7	HU3	NEUL	U1D3	S2DL
HU14	120.7	HU4	NEUL	U1D4	S2DL
HU15	120.7	HU5	NEUL	U1D5	S2DL
HU1C	120.7	HU6	NEUL	U1DC	S2DL
HY11	120.5	HU1	NEUL	Y1D1	S2AD
HY12	120.5	HU2	NEUL	Y1D2	S2AD

HY13	120.5	HU3	NEUL	Y1D3	S2AD
HY14	120.5	HU4	NEUL	Y1D4	S2AD
HY15	120.5	HU5	NEUL	Y1D5	S2AD
HY1C	120.5	HU6	NEUL	Y1DC	S2AD
HW11	117.6	HU1	NEUL	W1D1	S3DL
HW12	117.6	HU2	NEUL	W1D2	S3DL
HW13	117.6	HU3	NEUL	W1D3	S3DL
HW14	117.6	HU4	NEUL	W1D4	S3DL
HW15	117.6	HU5	NEUL	W1D5	S3DL
HW1C	117.6	HU6	NEUL	W1DC	S3DL
HX11	117.6	HU1	NEUL	X1D1	S3XD
HX12	117.6	HU2	NEUL	X1D2	S3XD
HX13	117.6	HU3	NEUL	X1D3	S3XD
HX14	117.6	HU4	NEUL	X1D4	S3XD
HX15	117.6	HU5	NEUL	X1D5	S3XD
HX1C	117.6	HU6	NEUL	X1DC	S3XD
IS11	119.3	IU1	SWUL	S1D1	S1DL
IS12	119.3	IU2	SWUL	S1D2	S1DL
IS13	119.3	IU3	SWUL	S1D3	S1DL
IS14	119.3	IU4	SWUL	S1D4	S1DL
IS15	119.3	IU5	SWUL	S1D5	S1DL
IS1C	119.3	IU6	SWUL	S1DC	S1DL
IU11	120.8	IU1	SWUL	U1D1	S2DL
IU12	120.8	IU2	SWUL	U1D2	S2DL
IU13	120.8	IU3	SWUL	U1D3	S2DL
IU14	12.08	IU4	SWUL	U1D4	S2DL
IU15	120.8	IU5	SWUL	U1D5	S2DL
IU1C	120.8	IU6	SWUL	U1DC	S2DL
IY11	120.6	IU1	SWUL	Y1D1	S2AD
IY12	120.6	IU2	SWUL	Y1D2	S2AD
IY13	120.6	IU3	SWUL	Y1D3	S2AD
IY14	120.6	IU4	SWUL	Y1D4	S2AD
IY15	120.6	IU5	SWUL	Y1D5	S2AD
IY1C	120.6	IU6	SWUL	Y1DC	S2AD
IW11	117.7	IU1	SWUL	W1D1	S3DL
IW12	117.7	IU2	SWUL	W1D2	S3DL
IW13	117.7	IU3	SWUL	W1D3	S3DL
IW14	117.7	IU4	SWUL	W1D4	S3DL
IW15	117.7	IU5	SWUL	W1D5	S3DL

IW1C	117.7	IU6	SWUL	W1DC	S3DL
IX11	117.7	IU1	SWUL	X1D1	S3XD
IX12	117.7	IU2	SWUL	X1D2	S3XD
IX13	117.7	IU3	SWUL	X1D3	S3XD
IX14	117.7	IU4	SWUL	X1D4	S3XD
IX15	117.7	IU5	SWUL	X1D5	S3XD
IX1C	117.7	IU6	SWUL	X1DC	S3XD
KS11	123	KU1	X1UL	S1D1	S1DL
KS12	123	KU2	X1UL	S1D2	S1DL
KS13	123	KU3	X1UL	S1D3	S1DL
KS14	123	KU4	X1UL	S1D4	S1DL
KS15	123	KU5	X1UL	S1D5	S1DL
KS1C	123	KU6	X1UL	S1DC	S1DL
KU11	124.5	KU1	X1UL	U1D1	S2DL
KU12	124.5	KU2	X1UL	U1D2	S2DL
KU13	124.5	KU3	X1UL	U1D3	S2DL
KU14	124.5	KU4	X1UL	U1D4	S2DL
KU15	124.5	KU5	X1UL	U1D5	S2DL
KU1C	124.5	KU6	X1UL	U1DC	S2DL
KY11	124.3	KU1	X1UL	Y1D1	S2AD
KY12	124.3	KU2	X1UL	Y1D2	S2AD
KY13	124.3	KU3	X1UL	Y1D3	S2AD
KY14	124.3	KU4	X1UL	Y1D4	S2AD
KY15	124.3	KU5	X1UL	Y1D5	S2AD
KY1C	124.3	KU6	X1UL	Y1DC	S2AD
KW11	121.4	KU1	X1UL	W1D1	S3DL
KW12	121.4	KU2	X1UL	W1D2	S3DL
KW13	121.4	KU3	X1UL	W1D3	S3DL
KW14	121.4	KU4	X1UL	W1D4	S3DL
KW15	121.4	KU5	X1UL	W1D5	S3DL
KW1C	121.4	KU6	X1UL	W1DC	S3DL
KX11	121.4	KU1	X1UL	X1D1	S3XD
KX12	121.4	KU2	X1UL	X1D2	S3XD
KX13	121.4	KU3	X1UL	X1D3	S3XD
KX14	121.4	KU4	X1UL	X1D4	S3XD
KX15	121.4	KU5	X1UL	X1D5	S3XD
KX1C	121.4	KU6	X1UL	X1DC	S3XD
LS11	121.6	LU1	X2UL	S1D1	S1DL
LS12	121.6	LU2	X2UL	S1D2	S1DL

LS13	121.6	LU3	X2UL	S1D3	S1DL
LS14	121.6	LU4	X2UL	S1D4	S1DL
LS15	121.6	LU5	X2UL	S1D5	S1DL
LS1C	121.6	LU6	X2UL	S1DC	S1DL
LU11	123.1	LU1	X2UL	U1D1	S2DL
LU12	123.1	LU2	X2UL	U1D2	S2DL
LU13	123.1	LU3	X2UL	U1D3	S2DL
LU14	123.1	LU4	X2UL	U1D4	S2DL
LU15	123.1	LU5	X2UL	U1D5	S2DL
LU1C	123.1	LU6	X2UL	U1DC	S2DL
LY11	122.9	LU1	X2UL	Y1D1	S2AD
LY12	122.9	LU2	X2UL	Y1D2	S2AD
LY13	122.9	LU3	X2UL	Y1D3	S2AD
LY14	122.9	LU4	X2UL	Y1D4	S2AD
LY15	122.9	LU5	X2UL	Y1D5	S2AD
LY1C	122.9	LU6	X2UL	Y1DC	S2AD
LW11	120	LU1	X2UL	W1D1	S3DL
LW12	120	LU2	X2UL	W1D2	S3DL
LW13	120	LU3	X2UL	W1D3	S3DL
LW14	120	LU4	X2UL	W1D4	S3DL
LW15	120	LU5	X2UL	W1D5	S3DL
LW1C	120	LU6	X2UL	W1DC	S3DL
LX11	120	LU1	X2UL	X1D1	S3XD
LX12	120	LU2	X2UL	X1D2	S3XD
LX13	120	LU3	X2UL	X1D3	S3XD
LX14	120	LU4	X2UL	X1D4	S3XD
LX15	120	LU5	X2UL	X1D5	S3XD
LX1C	120	LU6	X2UL	X1DC	S3XD
ES21	122.7	EU1	WHUL	S2D1	S1DL
ES22	122.7	EU2	WHUL	S2D2	S1DL
ES23	122.7	EU3	WHUL	S2D3	S1DL
ES24	122.7	EU4	WHUL	S2D4	S1DL
ES25	122.7	EU5	WHUL	S2D5	S1DL
ES2C	122.7	EU6	WHUL	S2DC	S1DL
EU21	124.2	EU1	WHUL	U2D1	S2DL
EU22	124.2	EU2	WHUL	U2D2	S2DL
EU23	124.2	EU3	WHUL	U2D3	S2DL
EU24	124.2	EU4	WHUL	U2D4	S2DL
EU25	124.2	EU5	WHUL	U2D5	S2DL

EU2C	124.2	EU6	WHUL	U2DC	S2DL
EY21	124	EU1	WHUL	Y2D1	S2AD
EY22	124	EU2	WHUL	Y2D2	S2AD
EY23	124	EU3	WHUL	Y2D3	S2AD
EY24	124	EU4	WHUL	Y2D4	S2AD
EY25	124	EU5	WHUL	Y2D5	S2AD
EY2C	124	EU6	WHUL	Y2DC	S2AD
EW21	121.1	EU1	WHUL	W2D1	S3DL
EW22	121.1	EU2	WHUL	W2D2	S3DL
EW23	121.1	EU3	WHUL	W2D3	S3DL
EW24	121.1	EU4	WHUL	W2D4	S3DL
EW25	121.1	EU5	WHUL	W2D5	S3DL
EW2C	121.1	EU6	WHUL	W2DC	S3DL
EX21	121.1	EU1	WHUL	X2D1	S3XD
EX22	121.1	EU2	WHUL	X2D2	S3XD
EX23	121.1	EU3	WHUL	X2D3	S3XD
EX24	121.1	EU4	WHUL	X2D4	S3XD
EX25	121.1	EU5	WHUL	X2D5	S3XD
EX2C	121.1	EU6	WHUL	X2DC	S3XD
FS21	121.1	FU1	EHUL	S2D1	S1DL
FS22	121.1	FU2	EHUL	S2D2	S1DL
FS23	121.1	FU3	EHUL	S2D3	S1DL
FS24	121.1	FU4	EHUL	S2D4	S1DL
FS25	121.1	FU5	EHUL	S2D5	S1DL
FS2C	121.1	FU6	EHUL	S2DC	S1DL
FU21	122.6	FU1	EHUL	U2D1	S2DL
FU22	122.6	FU2	EHUL	U2D2	S2DL
FU23	122.6	FU3	EHUL	U2D3	S2DL
FU24	122.6	FU4	EHUL	U2D4	S2DL
FU25	122.6	FU5	EHUL	U2D5	S2DL
FU2C	122.6	FU6	EHUL	U2DC	S2DL
FY21	122.4	FU1	EHUL	Y2D1	S2AD
FY22	122.4	FU2	EHUL	Y2D2	S2AD
FY23	122.4	FU3	EHUL	Y2D3	S2AD
FY24	122.4	FU4	EHUL	Y2D4	S2AD
FY25	122.4	FU5	EHUL	Y2D5	S2AD
FY2C	122.4	FU6	EHUL	Y2DC	S2AD
FW21	119.5	FU1	EHUL	W2D1	S3DL
FW22	119.5	FU2	EHUL	W2D2	S3DL

FW23	119.5	FU3	EHUL	W2D3	S3DL
FW24	119.5	FU4	EHUL	W2D4	S3DL
FW25	119.5	FU5	EHUL	W2D5	S3DL
FW2C	119.5	FU6	EHUL	W2DC	S3DL
FX21	119.5	FU1	EHUL	X2D1	S3XD
FX22	119.5	FU2	EHUL	X2D2	S3XD
FX23	119.5	FU3	EHUL	X2D3	S3XD
FX24	119.5	FU4	EHUL	X2D4	S3XD
FX25	119.5	FU5	EHUL	X2D5	S3XD
FX2C	119.5	FU6	EHUL	X2DC	S3XD
GS21	120.4	GU1	NWUL	S2D1	S1DL
GS22	120.4	GU2	NWUL	S2D2	S1DL
GS23	120.4	GU3	NWUL	S2D3	S1DL
GS24	120.4	GU4	NWUL	S2D4	S1DL
GS25	120.4	GU5	NWUL	S2D5	S1DL
GS2C	120.4	GU6	NWUL	S2DC	S1DL
GU21	121.9	GU1	NWUL	U2D1	S2DL
GU22	121.9	GU2	NWUL	U2D2	S2DL
GU23	121.9	GU3	NWUL	U2D3	S2DL
GU24	121.9	GU4	NWUL	U2D4	S2DL
GU25	121.9	GU5	NWUL	U2D5	S2DL
GU2C	121.9	GU6	NWUL	U2DC	S2DL
GY21	121.7	GU1	NWUL	Y2D1	S2AD
GY22	121.7	GU2	NWUL	Y2D2	S2AD
GY23	121.7	GU3	NWUL	Y2D3	S2AD
GY24	121.7	GU4	NWUL	Y2D4	S2AD
GY25	121.7	GU5	NWUL	Y2D5	S2AD
GY2C	121.7	GU6	NWUL	Y2DC	S2AD
GW21	118.8	GU1	NWUL	W2D1	S3DL
GW22	118.8	GU2	NWUL	W2D2	S3DL
GW23	118.8	GU3	NWUL	W2D3	S3DL
GW24	118.8	GU4	NWUL	W2D4	S3DL
GW25	118.8	GU5	NWUL	W2D5	S3DL
GW2C	118.8	GU6	NWUL	W2DC	S3DL
GX21	118.8	GU1	NWUL	X2D1	S3XD
GX22	118.8	GU2	NWUL	X2D2	S3XD
GX23	118.8	GU3	NWUL	X2D3	S3XD
GX24	118.8	GU4	NWUL	X2D4	S3XD
GX25	118.8	GU5	NWUL	X2D5	S3XD

GX2C	118.8	GU6	NWUL	X2DC	S3XD
JS21	118.2	JU1	SEUL	S2D1	S1DL
JS22	118.2	JU2	SEUL	S2D2	S1DL
JS23	118.2	JU3	SEUL	S2D3	S1DL
JS24	118.2	JU4	SEUL	S2D4	S1DL
JS25	118.2	JU5	SEUL	S2D5	S1DL
JS2C	118.2	JU6	SEUL	S2DC	S1DL
JU21	119.7	JU1	SEUL	U2D1	S2DL
JU22	119.7	JU2	SEUL	U2D2	S2DL
JU23	119.7	JU3	SEUL	U2D3	S2DL
JU24	119.7	JU4	SEUL	U2D4	S2DL
JU25	119.7	JU5	SEUL	U2D5	S2DL
JU2C	119.7	JU6	SEUL	U2DC	S2DL
JY21	119.5	JU1	SEUL	Y2D1	S2AD
JY22	119.5	JU2	SEUL	Y2D2	S2AD
JY23	119.5	JU3	SEUL	Y2D3	S2AD
JY24	119.5	JU4	SEUL	Y2D4	S2AD
JY25	119.5	JU5	SEUL	Y2D5	S2AD
JY2C	119.5	JU6	SEUL	Y2DC	S2AD
JW21	116.6	JU1	SEUL	W2D1	S3DL
JW22	116.6	JU2	SEUL	W2D2	S3DL
JW23	116.6	JU3	SEUL	W2D3	S3DL
JW24	116.6	JU4	SEUL	W2D4	S3DL
JW25	116.6	JU5	SEUL	W2D5	S3DL
JW2C	116.6	JU6	SEUL	W2DC	S3DL
JX21	116.6	JU1	SEUL	X2D1	S3XD
JX22	116.6	JU2	SEUL	X2D2	S3XD
JX23	116.6	JU3	SEUL	X2D3	S3XD
JX24	116.6	JU4	SEUL	X2D4	S3XD
JX25	116.6	JU5	SEUL	X2D5	S3XD
JX2C	116.6	JU6	SEUL	X2DC	S3XD
HS21	119.2	HU1	NEUL	S2D1	S1DL
HS22	119.2	HU2	NEUL	S2D2	S1DL
HS23	119.2	HU3	NEUL	S2D3	S1DL
HS24	119.2	HU4	NEUL	S2D4	S1DL
HS25	119.2	HU5	NEUL	S2D5	S1DL
HS2C	119.2	HU6	NEUL	S2DC	S1DL
HU21	120.7	HU1	NEUL	U2D1	S2DL
HU22	120.7	HU2	NEUL	U2D2	S2DL

HU23	120.7	HU3	NEUL	U2D3	S2DL
HU24	120.7	HU4	NEUL	U2D4	S2DL
HU25	120.7	HU5	NEUL	U2D5	S2DL
HU2C	120.7	HU6	NEUL	U2DC	S2DL
HY21	120.5	HU1	NEUL	Y2D1	S2AD
HY22	120.5	HU2	NEUL	Y2D2	S2AD
HY23	120.5	HU3	NEUL	Y2D3	S2AD
HY24	120.5	HU4	NEUL	Y2D4	S2AD
HY25	120.5	HU5	NEUL	Y2D5	S2AD
HY2C	120.5	HU6	NEUL	Y2DC	S2AD
HW21	117.6	HU1	NEUL	W2D1	S3DL
HW22	117.6	HU2	NEUL	W2D2	S3DL
HW23	117.6	HU3	NEUL	W2D3	S3DL
HW24	117.6	HU4	NEUL	W2D4	S3DL
HW25	117.6	HU5	NEUL	W2D5	S3DL
HW2C	117.6	HU6	NEUL	W2DC	S3DL
HX21	117.6	HU1	NEUL	X2D1	S3XD
HX22	117.6	HU2	NEUL	X2D2	S3XD
HX23	117.6	HU3	NEUL	X2D3	S3XD
HX24	117.6	HU4	NEUL	X2D4	S3XD
HX25	117.6	HU5	NEUL	X2D5	S3XD
HX2C	117.6	HU6	NEUL	X2DC	S3XD
IS21	119.3	IU1	SWUL	S2D1	S1DL
IS22	119.3	IU2	SWUL	S2D2	S1DL
IS23	119.3	IU3	SWUL	S2D3	S1DL
IS24	119.3	IU4	SWUL	S2D4	S1DL
IS25	119.3	IU5	SWUL	S2D5	S1DL
IS2C	119.3	IU6	SWUL	S2DC	S1DL
IU21	120.8	IU1	SWUL	U2D1	S2DL
IU22	120.8	IU2	SWUL	U2D2	S2DL
IU23	120.8	IU3	SWUL	U2D3	S2DL
IU24	120.8	IU4	SWUL	U2D4	S2DL
IU25	120.8	IU5	SWUL	U2D5	S2DL
IU2C	120.8	IU6	SWUL	U2DC	S2DL
IY21	120.6	IU1	SWUL	Y2D1	S2AD
IY22	120.6	IU2	SWUL	Y2D2	S2AD
IY23	120.6	IU3	SWUL	Y2D3	S2AD
IY24	120.6	IU4	SWUL	Y2D4	S2AD
IY25	120.6	IU5	SWUL	Y2D5	S2AD

IY2C	120.6	IU6	SWUL	Y2DC	S2AD
IW21	117.7	IU1	SWUL	W2D1	S3DL
IW22	117.7	IU2	SWUL	W2D2	S3DL
IW23	117.7	IU3	SWUL	W2D3	S3DL
IW24	117.7	IU4	SWUL	W2D4	S3DL
IW25	117.7	IU5	SWUL	W2D5	S3DL
IW2C	117.7	IU6	SWUL	W2DC	S3DL
IX21	117.7	IU1	SWUL	X2D1	S3XD
IX22	117.7	IU2	SWUL	X2D2	S3XD
IX23	117.7	IU3	SWUL	X2D3	S3XD
IX24	117.7	IU4	SWUL	X2D4	S3XD
IX25	117.7	IU5	SWUL	X2D5	S3XD
IX2C	117.7	IU6	SWUL	X2DC	S3XD
KS21	123	KU1	X1UL	S2D1	S1DL
KS22	123	KU2	X1UL	S2D2	S1DL
KS23	123	KU3	X1UL	S2D3	S1DL
KS24	123	KU4	X1UL	S2D4	S1DL
KS25	123	KU5	X1UL	S2D5	S1DL
KS2C	123	KU6	X1UL	S2DC	S1DL
KU21	124.5	KU1	X1UL	U2D1	S2DL
KU22	124.5	KU2	X1UL	U2D2	S2DL
KU23	124.5	KU3	X1UL	U2D3	S2DL
KU24	124.5	KU4	X1UL	U2D4	S2DL
KU25	124.5	KU5	X1UL	U2D5	S2DL
KU2C	124.5	KU6	X1UL	U2DC	S2DL
KY21	124.3	KU1	X1UL	Y2D1	S2AD
KY22	124.3	KU2	X1UL	Y2D2	S2AD
KY23	124.3	KU3	X1UL	Y2D3	S2AD
KY24	124.3	KU4	X1UL	Y2D4	S2AD
KY25	124.3	KU5	X1UL	Y2D5	S2AD
KY2C	124.3	KU6	X1UL	Y2DC	S2AD
KW21	121.4	KU1	X1UL	W2D1	S3DL
KW22	121.4	KU2	X1UL	W2D2	S3DL
KW23	121.4	KU3	X1UL	W2D3	S3DL
KW24	121.4	KU4	X1UL	W2D4	S3DL
KW25	121.4	KU5	X1UL	W2D5	S3DL
KW2C	121.4	KU6	X1UL	W2DC	S3DL
KX21	121.4	KU1	X1UL	X2D1	S3XD
KX22	121.4	KU2	X1UL	X2D2	S3XD

KX23	121.4	KU3	X1UL	X2D3	S3XD
KX24	121.4	KU4	X1UL	X2D4	S3XD
KX25	121.4	KU5	X1UL	X2D5	S3XD
KX2C	121.4	KU6	X1UL	X2DC	S3XD
LS21	121.6	LU1	X2UL	S2D1	S1DL
LS22	121.6	LU2	X2UL	S2D2	S1DL
LS23	121.6	LU3	X2UL	S2D3	S1DL
LS24	121.6	LU4	X2UL	S2D4	S1DL
LS25	121.6	LU5	X2UL	S2D5	S1DL
LS2C	121.6	LU6	X2UL	S2DC	S1DL
LU21	123.1	LU1	X2UL	U2D1	S2DL
LU22	123.1	LU2	X2UL	U2D2	S2DL
LU23	123.1	LU3	X2UL	U2D3	S2DL
LU24	123.1	LU4	X2UL	U2D4	S2DL
LU25	123.1	LU5	X2UL	U2D5	S2DL
LU2C	123.1	LU6	X2UL	U2DC	S2DL
LY21	122.9	LU1	X2UL	Y2D1	S2AD
LY22	122.9	LU2	X2UL	Y2D2	S2AD
LY23	122.9	LU3	X2UL	Y2D3	S2AD
LY24	122.9	LU4	X2UL	Y2D4	S2AD
LY25	122.9	LU5	X2UL	Y2D5	S2AD
LY2C	122.9	LU6	X2UL	Y2DC	S2AD
LW21	120	LU1	X2UL	W2D1	S3DL
LW22	120	LU2	X2UL	W2D2	S3DL
LW23	120	LU3	X2UL	W2D3	S3DL
LW24	120	LU4	X2UL	W2D4	S3DL
LW25	120	LU5	X2UL	W2D5	S3DL
LW2C	120	LU6	X2UL	W2DC	S3DL
LX21	120	LU1	X2UL	X2D1	S3XD
LX22	120	LU2	X2UL	X2D2	S3XD
LX23	120	LU3	X2UL	X2D3	S3XD
LX24	120	LU4	X2UL	X2D4	S3XD
LX25	120	LU5	X2UL	X2D5	S3XD
LX2C	120	LU6	X2UL	X2DC	S3XD
ES31	122.7	EU1	WHUL	S3D1	S1DL
ES32	122.7	EU2	WHUL	S3D2	S1DL
ES33	122.7	EU3	WHUL	S3D3	S1DL
ES34	122.7	EU4	WHUL	S3D4	S1DL
ES35	122.7	EU5	WHUL	S3D5	S1DL

ES3C	122.7	EU6	WHUL	S3DC	S1DL
EU31	124.2	EU1	WHUL	U3D1	S2DL
EU32	124.2	EU2	WHUL	U3D2	S2DL
EU33	124.2	EU3	WHUL	U3D3	S2DL
EU34	124.2	EU4	WHUL	U3D4	S2DL
EU35	124.2	EU5	WHUL	U3D5	S2DL
EU3C	124.2	EU6	WHUL	U3DC	S2DL
EY31	124	EU1	WHUL	Y3D1	S2AD
EY32	124	EU2	WHUL	Y3D2	S2AD
EY33	124	EU3	WHUL	Y3D3	S2AD
EY34	124	EU4	WHUL	Y3D4	S2AD
EY35	124	EU5	WHUL	Y3D5	S2AD
EY3C	124	EU6	WHUL	Y3DC	S2AD
EW31	121.1	EU1	WHUL	W3D1	S3DL
EW32	121.1	EU2	WHUL	W3D2	S3DL
EW33	121.1	EU3	WHUL	W3D3	S3DL
EW34	121.1	EU4	WHUL	W3D4	S3DL
EW35	121.1	EU5	WHUL	W3D5	S3DL
EW3C	121.1	EU6	WHUL	W3DC	S3DL
EX31	121.1	EU1	WHUL	X3D1	S3XD
EX32	121.1	EU2	WHUL	X3D2	S3XD
EX33	121.1	EU3	WHUL	X3D3	S3XD
EX34	121.1	EU4	WHUL	X3D4	S3XD
EX35	121.1	EU5	WHUL	X3D5	S3XD
EX3C	121.1	EU6	WHUL	X3DC	S3XD
FS31	121.1	FU1	EHUL	S3D1	S1DL
FS32	121.1	FU2	EHUL	S3D2	S1DL
FS33	121.1	FU3	EHUL	S3D3	S1DL
FS34	121.1	FU4	EHUL	S3D4	S1DL
FS35	121.1	FU5	EHUL	S3D5	S1DL
FS3C	121.1	FU6	EHUL	S3DC	S1DL
FU31	122.6	FU1	EHUL	U3D1	S2DL
FU32	122.6	FU2	EHUL	U3D2	S2DL
FU33	122.6	FU3	EHUL	U3D3	S2DL
FU34	122.6	FU4	EHUL	U3D4	S2DL
FU35	122.6	FU5	EHUL	U3D5	S2DL
FU3C	122.6	FU6	EHUL	U3DC	S2DL
FY31	122.4	FU1	EHUL	Y3D1	S2AD
FY32	122.4	FU2	EHUL	Y3D2	S2AD

FY33	122.4	FU3	EHUL	Y3D3	S2AD
FY34	122.4	FU4	EHUL	Y3D4	S2AD
FY35	122.4	FU5	EHUL	Y3D5	S2AD
FY3C	122.4	FU6	EHUL	Y3DC	S2AD
FW31	119.5	FU1	EHUL	W3D1	S3DL
FW32	119.5	FU2	EHUL	W3D2	S3DL
FW33	119.5	FU3	EHUL	W3D3	S3DL
FW34	119.5	FU4	EHUL	W3D4	S3DL
FW35	119.5	FU5	EHUL	W3D5	S3DL
FW3C	119.5	FU6	EHUL	W3DC	S3DL
FX31	119.5	FU1	EHUL	X3D1	S3XD
FX32	119.5	FU2	EHUL	X3D2	S3XD
FX33	119.5	FU3	EHUL	X3D3	S3XD
FX34	119.5	FU4	EHUL	X3D4	S3XD
FX35	119.5	FU5	EHUL	X3D5	S3XD
FX3C	119.5	FU6	EHUL	X3DC	S3XD
GS31	120.4	GU1	NWUL	S3D1	S1DL
GS32	120.4	GU2	NWUL	S3D2	S1DL
GS33	120.4	GU3	NWUL	S3D3	S1DL
GS34	120.4	GU4	NWUL	S3D4	S1DL
GS35	120.4	GU5	NWUL	S3D5	S1DL
GS3C	120.4	GU6	NWUL	S3DC	S1DL
GU31	121.9	GU1	NWUL	U3D1	S2DL
GU32	121.9	GU2	NWUL	U3D2	S2DL
GU33	121.9	GU3	NWUL	U3D3	S2DL
GU34	121.9	GU4	NWUL	U3D4	S2DL
GU35	121.9	GU5	NWUL	U3D5	S2DL
GU3C	121.9	GU6	NWUL	U3DC	S2DL
GY31	121.7	GU1	NWUL	Y3D1	S2AD
GY32	121.7	GU2	NWUL	Y3D2	S2AD
GY33	121.7	GU3	NWUL	Y3D3	S2AD
GY34	121.7	GU4	NWUL	Y3D4	S2AD
GY35	121.7	GU5	NWUL	Y3D5	S2AD
GY3C	121.7	GU6	NWUL	Y3DC	S2AD
GW31	118.8	GU1	NWUL	W3D1	S3DL
GW32	118.8	GU2	NWUL	W3D2	S3DL
GW33	118.8	GU3	NWUL	W3D3	S3DL
GW34	118.8	GU4	NWUL	W3D4	S3DL
GW35	118.8	GU5	NWUL	W3D5	S3DL

GW3C	118.8	GU6	NWUL	W3DC	S3DL
GX31	118.8	GU1	NWUL	X3D1	S3XD
GX32	118.8	GU2	NWUL	X3D2	S3XD
GX33	118.8	GU3	NWUL	X3D3	S3XD
GX34	118.8	GU4	NWUL	X3D4	S3XD
GX35	118.8	GU5	NWUL	X3D5	S3XD
GX3C	118.8	GU6	NWUL	X3DC	S3XD
JS31	118.2	JU1	SEUL	S3D1	S1DL
JS32	118.2	JU2	SEUL	S3D2	S1DL
JS33	118.2	JU3	SEUL	S3D3	S1DL
JS34	118.2	JU4	SEUL	S3D4	S1DL
JS35	118.2	JU5	SEUL	S3D5	S1DL
JS3C	118.2	JU6	SEUL	S3DC	S1DL
JU31	119.7	JU1	SEUL	U3D1	S2DL
JU32	119.7	JU2	SEUL	U3D2	S2DL
JU33	119.7	JU3	SEUL	U3D3	S2DL
JU34	119.7	JU4	SEUL	U3D4	S2DL
JU35	119.7	JU5	SEUL	U3D5	S2DL
JU3C	119.7	JU6	SEUL	U3DC	S2DL
JY31	119.5	JU1	SEUL	Y3D1	S2AD
JY32	119.5	JU2	SEUL	Y3D2	S2AD
JY33	119.5	JU3	SEUL	Y3D3	S2AD
JY34	119.5	JU4	SEUL	Y3D4	S2AD
JY35	119.5	JU5	SEUL	Y3D5	S2AD
JY3C	119.5	JU6	SEUL	Y3DC	S2AD
JW31	116.6	JU1	SEUL	W3D1	S3DL
JW32	116.6	JU2	SEUL	W3D2	S3DL
JW33	116.6	JU3	SEUL	W3D3	S3DL
JW34	116.6	JU4	SEUL	W3D4	S3DL
JW35	116.6	JU5	SEUL	W3D5	S3DL
JW3C	116.6	JU6	SEUL	W3DC	S3DL
JX31	116.6	JU1	SEUL	X3D1	S3XD
JX32	116.6	JU2	SEUL	X3D2	S3XD
JX33	116.6	JU3	SEUL	X3D3	S3XD
JX34	116.6	JU4	SEUL	X3D4	S3XD
JX35	116.6	JU5	SEUL	X3D5	S3XD
JX3C	116.6	JU6	SEUL	X3DC	S3XD
HS31	119.2	HU1	NEUL	S3D1	S1DL
HS32	119.2	HU2	NEUL	S3D2	S1DL

HS33	119.2	HU3	NEUL	S3D3	S1DL
HS34	119.2	HU4	NEUL	S3D4	S1DL
HS35	119.2	HU5	NEUL	S3D5	S1DL
HS3C	119.2	HU6	NEUL	S3DC	S1DL
HU31	120.7	HU1	NEUL	U3D1	S2DL
HU32	120.7	HU2	NEUL	U3D2	S2DL
HU33	120.7	HU3	NEUL	U3D3	S2DL
HU34	120.7	HU4	NEUL	U3D4	S2DL
HU35	120.7	HU5	NEUL	U3D5	S2DL
HU3C	120.7	HU6	NEUL	U3DC	S2DL
HY31	120.5	HU1	NEUL	Y3D1	S2AD
HY32	120.5	HU2	NEUL	Y3D2	S2AD
HY33	120.5	HU3	NEUL	Y3D3	S2AD
HY34	120.5	HU4	NEUL	Y3D4	S2AD
HY35	120.5	HU5	NEUL	Y3D5	S2AD
HY3C	120.5	HU6	NEUL	Y3DC	S2AD
HW31	117.6	HU1	NEUL	W3D1	S3DL
HW32	117.6	HU2	NEUL	W3D2	S3DL
HW33	117.6	HU3	NEUL	W3D3	S3DL
HW34	117.6	HU4	NEUL	W3D4	S3DL
HW35	117.6	HU5	NEUL	W3D5	S3DL
HW3C	117.6	HU6	NEUL	W3DC	S3DL
HX31	117.6	HU1	NEUL	X3D1	S3XD
HX32	117.6	HU2	NEUL	X3D2	S3XD
HX33	117.6	HU3	NEUL	X3D3	S3XD
HX34	117.6	HU4	NEUL	X3D4	S3XD
HX35	117.6	HU5	NEUL	X3D5	S3XD
HX3C	117.6	HU6	NEUL	X3DC	S3XD
IS31	119.3	IU1	SWUL	S3D1	S1DL
IS32	119.3	IU2	SWUL	S3D2	S1DL
IS33	119.3	IU3	SWUL	S3D3	S1DL
IS34	119.3	IU4	SWUL	S3D4	S1DL
IS35	119.3	IU5	SWUL	S3D5	S1DL
IS3C	119.3	IU6	SWUL	S3DC	S1DL
IU31	120.8	IU1	SWUL	U3D1	S2DL
IU32	120.8	IU2	SWUL	U3D2	S2DL
IU33	120.8	IU3	SWUL	U3D3	S2DL
IU34	120.8	IU4	SWUL	U3D4	S2DL
IU35	120.8	IU5	SWUL	U3D5	S2DL

IU3C	120.8	IU6	SWUL	U3DC	S2DL
IY31	120.6	IU1	SWUL	Y3D1	S2AD
IY32	120.6	IU2	SWUL	Y3D2	S2AD
IY33	120.6	IU3	SWUL	Y3D3	S2AD
IY34	120.6	IU4	SWUL	Y3D4	S2AD
IY35	120.6	IU5	SWUL	Y3D5	S2AD
IY3C	120.6	IU6	SWUL	Y3DC	S2AD
IW31	117.7	IU1	SWUL	W3D1	S3DL
IW32	117.7	IU2	SWUL	W3D2	S3DL
IW33	117.7	IU3	SWUL	W3D3	S3DL
IW34	117.7	IU4	SWUL	W3D4	S3DL
IW35	117.7	IU5	SWUL	W3D5	S3DL
IW3C	117.7	IU6	SWUL	W3DC	S3DL
IX31	117.7	IU1	SWUL	X3D1	S3XD
IX32	117.7	IU2	SWUL	X3D2	S3XD
IX33	117.7	IU3	SWUL	X3D3	S3XD
IX34	117.7	IU4	SWUL	X3D4	S3XD
IX35	117.7	IU5	SWUL	X3D5	S3XD
IX3C	117.7	IU6	SWUL	X3DC	S3XD
KS31	123	KU1	X1UL	S3D1	S1DL
KS32	123	KU2	X1UL	S3D2	S1DL
KS33	123	KU3	X1UL	S3D3	S1DL
KS34	123	KU4	X1UL	S3D4	S1DL
KS35	123	KU5	X1UL	S3D5	S1DL
KS3C	123	KU6	X1UL	S3DC	S1DL
KU31	124.5	KU1	X1UL	U3D1	S2DL
KU32	124.5	KU2	X1UL	U3D2	S2DL
KU33	124.5	KU3	X1UL	U3D3	S2DL
KU34	124.5	KU4	X1UL	U3D4	S2DL
KU35	124.5	KU5	X1UL	U3D5	S2DL
KU3C	124.5	KU6	X1UL	U3DC	S2DL
KY31	124.3	KU1	X1UL	Y3D1	S2AD
KY32	124.3	KU2	X1UL	Y3D2	S2AD
KY33	124.3	KU3	X1UL	Y3D3	S2AD
KY34	124.3	KU4	X1UL	Y3D4	S2AD
KY35	124.3	KU5	X1UL	Y3D5	S2AD
KY3C	124.3	KU6	X1UL	Y3DC	S2AD
KW31	121.4	KU1	X1UL	W3D1	S3DL
KW32	121.4	KU2	X1UL	W3D2	S3DL

KW33	121.4	KU3	X1UL	W3D3	S3DL
KW34	121.4	KU4	X1UL	W3D4	S3DL
KW35	121.4	KU5	X1UL	W3D5	S3DL
KW3C	121.4	KU6	X1UL	W3DC	S3DL
KX31	121.4	KU1	X1UL	X3D1	S3XD
KX32	121.4	KU2	X1UL	X3D2	S3XD
KX33	121.4	KU3	X1UL	X3D3	S3XD
KX34	121.4	KU4	X1UL	X3D4	S3XD
KX35	121.4	KU5	X1UL	X3D5	S3XD
KX3C	121.4	KU6	X1UL	X3DC	S3XD
LS31	121.6	LU1	X2UL	S3D1	S1DL
LS32	121.6	LU2	X2UL	S3D2	S1DL
LS33	121.6	LU3	X2UL	S3D3	S1DL
LS34	121.6	LU4	X2UL	S3D4	S1DL
LS35	121.6	LU5	X2UL	S3D5	S1DL
LS3C	121.6	LU6	X2UL	S3DC	S1DL
LU31	123.1	LU1	X2UL	U3D1	S2DL
LU32	123.1	LU2	X2UL	U3D2	S2DL
LU33	123.1	LU3	X2UL	U3D3	S2DL
LU34	123.1	LU4	X2UL	U3D4	S2DL
LU35	123.1	LU5	X2UL	U3D5	S2DL
LU3C	123.1	LU6	X2UL	U3DC	S2DL
LY31	122.9	LU1	X2UL	Y3D1	S2AD
LY32	122.9	LU2	X2UL	Y3D2	S2AD
LY33	122.9	LU3	X2UL	Y3D3	S2AD
LY34	122.9	LU4	X2UL	Y3D4	S2AD
LY35	122.9	LU5	X2UL	Y3D5	S2AD
LY3C	122.9	LU6	X2UL	Y3DC	S2AD
LW31	120	LU1	X2UL	W3D1	S3DL
LW32	120	LU2	X2UL	W3D2	S3DL
LW33	120	LU3	X2UL	W3D3	S3DL
LW34	120	LU4	X2UL	W3D4	S3DL
LW35	120	LU5	X2UL	W3D5	S3DL
LW3C	120	LU6	X2UL	W3DC	S3DL
LX31	120	LU1	X2UL	X3D1	S3XD
LX32	120	LU2	X2UL	X3D2	S3XD
LX33	120	LU3	X2UL	X3D3	S3XD
LX34	120	LU4	X2UL	X3D4	S3XD
LX35	120	LU5	X2UL	X3D5	S3XD

LX3C	120	LU6	X2UL	X3DC	S3XD
SE11	113.8	SU1	S1UL	ED1	WHDL
SE22	113.8	SU2	S1UL	ED2	WHDL
SE33	113.8	SU3	S1UL	ED3	WHDL
SE44	113.8	SU4	S1UL	ED4	WHDL
SE55	113.8	SU5	S1UL	ED5	WHDL
SEC6	113.8	SUC	S1UL	ED6	WHDL
SF11	111.8	SU1	S1UL	FD1	EHDL
SF22	111.8	SU2	S1UL	FD2	EHDL
SF33	111.8	SU3	S1UL	FD3	EHDL
SF44	111.8	SU4	S1UL	FD4	EHDL
SF55	111.8	SU5	S1UL	FD5	EHDL
SFC6	111.8	SUC	S1UL	FD6	EHDL
SG11	110.5	SU1	S1UL	GD1	NWDL
SG22	110.5	SU2	S1UL	GD2	NWDL
SG33	110.5	SU3	S1UL	GD3	NWDL
SG44	110.5	SU4	S1UL	GD4	NWDL
SG55	110.5	SU5	S1UL	GD5	NWDL
SGC6	110.5	SUC	S1UL	GD6	NWDL
SJ11	111.4	SU1	S1UL	JD1	SEDL
SJ22	111.4	SU2	S1UL	JD2	SEDL
SJ33	111.4	SU3	S1UL	JD3	SEDL
SJ44	111.4	SU4	S1UL	JD4	SEDL
SJ55	111.4	SU5	S1UL	JD5	SEDL
SJC6	111.4	SUC	S1UL	JD6	SEDL
SH11	109.1	SU1	S1UL	HD1	NEDL
SH22	109.1	SU2	S1UL	HD2	NEDL
SH33	109.1	SU3	S1UL	HD3	NEDL
SH44	109.1	SU4	S1UL	HD4	NEDL
SH55	109.1	SU5	S1UL	HD5	NEDL
SHC6	109.1	SUC	S1UL	HD6	NEDL
SI11	109.8	SU1	S1UL	ID1	SWDL
SI22	109.8	SU2	S1UL	ID2	SWDL
SI33	109.8	SU3	S1UL	ID3	SWDL
SI44	109.8	SU4	S1UL	ID4	SWDL
SI55	109.8	SU5	S1UL	ID5	SWDL
SIC6	109.8	SUC	S1UL	ID6	SWDL
UE11	116.5	UU1	S2UL	ED1	WHDL
UE22	116.5	UU2	S2UL	ED2	WHDL

UE33	116.5	UU3	S2UL	ED3	WHDL
UE44	116.5	UU4	S2UL	ED4	WHDL
UE55	116.5	UU5	S2UL	ED5	WHDL
UEC6	116.5	UUC	S2UL	ED6	WHDL
UF11	114.5	UU1	S2UL	FD1	EHDL
UF22	114.5	UU2	S2UL	FD2	EHDL
UF33	114.5	UU3	S2UL	FD3	EHDL
UF44	114.5	UU4	S2UL	FD4	EHDL
UF55	114.5	UU5	S2UL	FD5	EHDL
UFC6	114.5	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	114.1	UU1	S2UL	JD1	SEDL
UJ22	114.1	UU2	S2UL	JD2	SEDL
UJ33	114.1	UU3	S2UL	JD3	SEDL
UJ44	114.1	UU4	S2UL	JD4	SEDL
UJ55	114.1	UU5	S2UL	JD5	SEDL
UJC6	114.1	UUC	S2UL	JD6	SEDL
UH11	111.8	UU1	S2UL	HD1	NEDL
UH22	111.8	UU2	S2UL	HD2	NEDL
UH33	111.8	UU3	S2UL	HD3	NEDL
UH44	111.8	UU4	S2UL	HD4	NEDL
UH55	111.8	UU5	S2UL	HD5	NEDL
UHC6	111.8	UUC	S2UL	HD6	NEDL
UI11	112.5	UU1	S2UL	ID1	SWDL
UI22	112.5	UU2	S2UL	ID2	SWDL
UI33	112.5	UU3	S2UL	ID3	SWDL
UI44	112.5	UU4	S2UL	ID4	SWDL
UI55	112.5	UU5	S2UL	ID5	SWDL
UIC6	112.5	UUC	S2UL	ID6	SWDL
YE11	118.5	YU1	S2AU	ED1	WHDL
YE22	118.5	YU2	S2AU	ED2	WHDL
YE33	118.5	YU3	S2AU	ED3	WHDL
YE44	118.5	YU4	S2AU	ED4	WHDL
YE55	118.5	YU5	S2AU	ED5	WHDL

YEC6	118.5	YUC	S2AU	ED6	WHDL
YF11	116.5	YU1	S2AU	FD1	EHDL
YF22	116.5	YU2	S2AU	FD2	EHDL
YF33	116.5	YU3	S2AU	FD3	EHDL
YF44	116.5	YU4	S2AU	FD4	EHDL
YF55	116.5	YU5	S2AU	FD5	EHDL
YFC6	116.5	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	116.1	YU1	S2AU	JD1	SEDL
YJ22	116.1	YU2	S2AU	JD2	SEDL
YJ33	116.1	YU3	S2AU	JD3	SEDL
YJ44	116.1	YU4	S2AU	JD4	SEDL
YJ55	116.1	YU5	S2AU	JD5	SEDL
YJC6	116.1	YUC	S2AU	JD6	SEDL
YH11	113.8	YU1	S2AU	HD1	NEDL
YH22	113.8	YU2	S2AU	HD2	NEDL
YH33	113.8	YU3	S2AU	HD3	NEDL
YH44	113.8	YU4	S2AU	HD4	NEDL
YH55	113.8	YU5	S2AU	HD5	NEDL
YHC6	113.8	YUC	S2AU	HD6	NEDL
YI11	114.5	YU1	S2AU	ID1	SWDL
YI22	114.5	YU2	S2AU	ID2	SWDL
YI33	114.5	YU3	S2AU	ID3	SWDL
YI44	114.5	YU4	S2AU	ID4	SWDL
YI55	114.5	YU5	S2AU	ID5	SWDL
YIC6	114.5	YUC	S2AU	ID6	SWDL
WE11	117	WU1	S3UL	ED1	WHDL
WE22	117	WU2	S3UL	ED2	WHDL
WE33	117	WU3	S3UL	ED3	WHDL
WE44	117	WU4	S3UL	ED4	WHDL
WE55	117	WU5	S3UL	ED5	WHDL
WEC6	117	WUC	S3UL	ED6	WHDL
WF11	115	WU1	S3UL	FD1	EHDL
WF22	115	WU2	S3UL	FD2	EHDL

WF33	115	WU3	S3UL	FD3	EHDL
WF44	115	WU4	S3UL	FD4	EHDL
WF55	115	WU5	S3UL	FD5	EHDL
WFC6	115	WUC	S3UL	FD6	EHDL
WG11	113.7	WU1	S3UL	GD1	NWDL
WG22	113.7	WU2	S3UL	GD2	NWDL
WG33	113.7	WU3	S3UL	GD3	NWDL
WG44	113.7	WU4	S3UL	GD4	NWDL
WG55	113.7	WU5	S3UL	GD5	NWDL
WGC6	113.7	WUC	S3UL	GD6	NWDL
WJ11	114.6	WU1	S3UL	JD1	SEDL
WJ22	114.6	WU2	S3UL	JD2	SEDL
WJ33	114.6	WU3	S3UL	JD3	SEDL
WJ44	114.6	WU4	S3UL	JD4	SEDL
WJ55	114.6	WU5	S3UL	JD5	SEDL
WJC6	114.6	WUC	S3UL	JD6	SEDL
WH11	112.3	WU1	S3UL	HD1	NEDL
WH22	112.3	WU2	S3UL	HD2	NEDL
WH33	112.3	WU3	S3UL	HD3	NEDL
WH44	112.3	WU4	S3UL	HD4	NEDL
WH55	112.3	WU5	S3UL	HD5	NEDL
WHC6	112.3	WUC	S3UL	HD6	NEDL
WI11	113	WU1	S3UL	ID1	SWDL
WI22	113	WU2	S3UL	ID2	SWDL
WI33	113	WU3	S3UL	ID3	SWDL
WI44	113	WU4	S3UL	ID4	SWDL
WI55	113	WU5	S3UL	ID5	SWDL
WIC6	113	WUC	S3UL	ID6	SWDL
XE11	117	XU1	S3XU	ED1	WHDL
XE22	117	XU2	S3XU	ED2	WHDL
XE33	117	XU3	S3XU	ED3	WHDL
XE44	117	XU4	S3XU	ED4	WHDL
XE55	117	XU5	S3XU	ED5	WHDL
XEC6	117	XUC	S3XU	ED6	WHDL
XF11	115	XU1	S3XU	FD1	EHDL
XF22	115	XU2	S3XU	FD2	EHDL
XF33	115	XU3	S3XU	FD3	EHDL
XF44	115	XU4	S3XU	FD4	EHDL
XF55	115	XU5	S3XU	FD5	EHDL

XFC6	115	XUC	S3XU	FD6	EHDL
XG11	113.7	XU1	S3XU	GD1	NWDL
XG22	113.7	XU2	S3XU	GD2	NWDL
XG33	113.7	XU3	S3XU	GD3	NWDL
XG44	113.7	XU4	S3XU	GD4	NWDL
XG55	113.7	XU5	S3XU	GD5	NWDL
XGC6	113.7	XUC	S3XU	GD6	NWDL
XJ11	114.6	XU1	S3XU	JD1	SEDL
XJ22	114.6	XU2	S3XU	JD2	SEDL
XJ33	114.6	XU3	S3XU	JD3	SEDL
XJ44	114.6	XU4	S3XU	JD4	SEDL
XJ55	114.6	XU5	S3XU	JD5	SEDL
XJC6	114.6	XUC	S3XU	JD6	SEDL
XH11	112.3	XU1	S3XU	HD1	NEDL
XH22	112.3	XU2	S3XU	HD2	NEDL
XH33	112.3	XU3	S3XU	HD3	NEDL
XH44	112.3	XU4	S3XU	HD4	NEDL
XH55	112.3	XU5	S3XU	HD5	NEDL
XHC6	112.3	XUC	S3XU	HD6	NEDL
XI11	113	XU1	S3XU	ID1	SWDL
XI22	113	XU2	S3XU	ID2	SWDL
XI33	113	XU3	S3XU	ID3	SWDL
XI44	113	XU4	S3XU	ID4	SWDL
XI55	113	XU5	S3XU	ID5	SWDL
XIC6	113	XUC	S3XU	ID6	SWDL
WADD	117.3	WUD	S3UL	ADD	GADL
WBDD	117.3	WUD	S3UL	BDD	GBDL
WCDD	117.1	WUD	S3UL	CDD	CADL
WDDD	117.3	WUD	S3UL	DDD	CBDL
XADD	117.3	XUD	S3XU	ADD	GADL
XBDD	117.3	XUD	S3XU	BDD	GBDL
XCDD	117.1	XUD	S3XU	CDD	CADL
XDDD	117.3	XUD	S3XU	DDD	CBDL

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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	112MG7W	93724	4	76436	0.5		3.36	15.56
D2	77M0G7W	64435	4	52550	0.5		3.36	15.56
D3	72M0G7W	60251	4	49138	0.5		3.36	15.56
D4	41M0G7W	34310	4	27981	0.5		3.36	15.56
D5	36M0G7W	30133	4	24575	0.5		3.36	15.6
D7	10M3G7W	6771.1	4	6000	0.5		3.9	16.1
D8	1M45G7W	1229	2	512	0.5		3.4	15.6
D9	400KG7W	307	2	128	0.5		3.4	15.6
D10	100KG7W	75.4	4	64	0.5		2.99	15.19

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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	30M0F3F	30000	TV/FM	1					PAL	15.6	1.5		10	22.2

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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.		
AAAA	XDDD		A1	1		IS706 Schedule	4000	56.4	19.9	23.9	25.8	29.8	-162.3	33
AAAA	XDDD	D4		1		NOTE.txt		51	20.8	24.8	29.5	33.5	-168	23.6
AAAA	XDDD	D7		2	10300	NOTE.txt		51	10.1	14.1	21.5	25.5	-168.9	26.2
AAAA	XDDD	D10		308	100	NOTE.txt		51	-10.3	-6.3	1.1	5.1	-169.8	26.2
AAAA	XDDD		A1	1		NOTE.txt	4000	55.4	20.2	24.2	28.3	32.3	-159.8	31
AAAA	XDDD	D5		1		NOTE.txt		51	20.8	24.8	32.6	36.6	-164.3	21
AAAA	XDDD	D7		2	10300	NOTE.txt		51	15.9	19.9	25.4	29.4	-165	20.9
AAAA	XDDD	D10		257	100	NOTE.txt		51	-4.5	-0.5	5	9	-165.9	20.9
AAAA	XDDD		A1	1		NOTE.txt	4000	53.5	20.3	24.3	30.5	34.5	-157.6	29.4
AAAA	XDDD	D4		1		NOTE.txt		51	20.8	24.8	36.6	40.6	-160.9	19.2
AAAA	XDDD	D7		2	10300	NOTE.txt		51	9.1	13.1	28.6	32.6	-161.8	21
AAAA	XDDD	D10		308	100	NOTE.txt		51	-11.3	-7.3	8.2	12.2	-162.7	21
AAAA	XDDD		A1	2	30000	NOTE.txt	4000	54.1	20	24	26	30	-162.1	34.5
AAAA	XDDD	D3		1		NOTE.txt		51	20.4	24.4	32.6	36.6	-167.3	23.6
AAAA	XDDD	D7		4	10300	NOTE.txt		51	11.5	15.5	22.4	26.4	-168	23.6
AAAA	XDDD	D10		514	100	NOTE.txt		51	-8.9	-4.9	2	6	-168.9	23.6
AAAA	XDDD		A1	1		NOTE.txt	4000	55.4	20.6	24.6	25.9	29.9	-162.2	33
AAAA	XDDD	D5		1		NOTE.txt		51	20.4	24.4	29.5	33.5	-167.4	23.6
AAAA	XDDD	D7		2	10300	NOTE.txt		51	18.5	22.5	22.3	26.3	-168.1	23.6
AAAA	XDDD	D10		256	100	NOTE.txt		51	-1.9	2.1	1.9	5.9	-169	23.6
AAAA	XDDD		A1	1		NOTE.txt	4000	54.1	20.3	24.3	28.2	32.2	-168.7	31
AAAA	XDDD	D5		1		NOTE.txt		51	50.4	24.4	33.3	37.3	-163.6	21
AAAA	XDDD	D7		2	10300	NOTE.txt		51	15.5	19.5	26.1	30.1	-164.3	21
AAAA	XDDD	D10		257	100	NOTE.txt		51	-4.9	-0.9	5.7	9.7	-165.2	21
AAAA	XDDD		A1	1		NOTE.txt	4000	53.5	20.4	24.4	31	35	-157.1	28.4
AAAA	XDDD	D5		1		NOTE.txt		51	20.4	24.4	36.6	40.6	-160.3	19.2
AAAA	XDDD	D7		3	10300	NOTE.txt		51	14.5	18.5	26.4	30.4	-164	21
AAAA	XDDD	D10		240	100	NOTE.txt		51	-2.6	1.4	9.3	13.3	-161.6	19.2
AAAA	XDDD		A1	2	30000	NOTE.txt	4000	53.4	20.8	24.8	37.3	41.3	-150.8	33.1

AAAA	XDDD	D2		1		NOTE.txt		51	20.4	24.4	43.5	47.5	-156.7	22.3
AAAA	XDDD	D7		5	10300	NOTE.txt		51	8.2	12.2	33	37	-157.4	25
AAAA	XDDD	D10		536	100	NOTE.txt		51	-12.1	-8.1	12.7	16.7	-158.2	25
AAAA	XDDD		A1	1		NOTE.txt	4000	55.4	19.7	23.7	29.5	33.5	-158.6	29.4
AAAA	XDDD	D5		1		NOTE.txt		51	19.7	23.7	33.3	37.3	-163.6	21
AAAA	XDDD	D7		2	10300	NOTE.txt		51	15.8	19.8	26	30	-164.4	21
AAAA	XDDD	D10		260	100	NOTE.txt		51	-4.7	-0.7	5.6	9.6	-165.3	21
AAAA	XDDD		A1	2	30000	NOTE.txt	4000	54.1	19.6	23.6	28	32	-160.1	31
AAAA	XDDD	D3		1		NOTE.txt		51	19.7	23.7	32.6	36.6	-167.3	23.6
AAAA	XDDD	D7		4	10300	NOTE.txt		51	11.7	15.7	22.3	26.3	-168.1	23.6
AAAA	XDDD	D10		527	100	NOTE.txt		51	-8.7	-4.7	1.9	5.9	-169	23.6
AAAA	XDDD		A1	2	30000	NOTE.txt	4000	53.4	20.1	24.1	37.3	41.3	-150.8	33.1
AAAA	XDDD	D2		1		NOTE.txt		51	20.6	24.6	43.4	47.4	-156.8	22.3
AAAA	XDDD	D7		5	10300	NOTE.txt		51	8.3	12.3	32.8	36.8	-157.6	25
AAAA	XDDD	D10		565	100	NOTE.txt		51	-12	-8	12.5	16.5	-158.4	25
AAAA	XDDD		A1	1			4000	53.4	20.4	24.4	32.5	36.5	-155.6	26.6
AAAA	XDDD	D4		1				51	18.8	22.8	36.6	40.6	-160.9	19.2
AAAA	XDDD	D7		3	10300			51	7.9	11.9	28.3	32.3	-162.1	21
AAAA	XDDD	D10		327	100			51	-12.6	-8.6	7.9	11.9	-163	21
AAAA	XDDD		A1	1			4000	55.4	20.7	24.7	27.4	31.4	-160.7	31
AAAA	XDDD	D4		1				51	18.8	22.8	29.5	33.5	-168	23.6
AAAA	XDDD	D7		4	10300			51	16.2	20.2	19.6	23.6	-170.8	26.2
AAAA	XDDD	D10		276	100			51	-1.8	2.2	1.6	5.6	-169.3	23.6
AAAA	XDDD		A1	1			4000	54.1	20.9	24.9	29.6	33.6	-158.5	29.4
AAAA	XDDD	D5		1				51	18.8	22.8	32.6	36.6	-164.3	21
AAAA	XDDD	D7		3	10300			51	10.2	14.2	23.7	27.7	-166.7	23.6
AAAA	XDDD	D10		237	100			51	-8.2	-4.2	5.3	9.3	-165.6	20.9
AAAA	XDDD		A1	2	30000		4000	58.1	11.5	15.5	36.4	40.4	-151.7	34.6
AAAA	XDDD	D2		1				58.1	19.3	23.3	43.5	47.5	-158.3	25
AAAA	XDDD	D7		7	10300			58.1	-3.8	0.2	31.1	35.1	-159.3	26.7
AAAA	XDDD	D10		819	100			58.1	-24	-20	10.8	14.8	-160.1	26.7
AAAA	XDDD	D8		51	1450			58.1	-12	-8	229	26.9	-160.1	26.7
AAAA	XDDD	D9		280	400			49.7	-13.4	-9.4	13.1	17.1	-163.9	34.6
AAAA	XDDD		A1	2	30000		4000	58.1	12.3	16.3	26.6	30.6	-161.5	33
AAAA	XDDD	D3		1				58.1	19.3	23.3	32.6	36.6	-167.3	23.6
AAAA	XDDD	D7		4				58.1	-4.7	-0.7	22.3	26.3	-168.1	26.2
AAAA	XDDD	D10		499				58.1	-24.9	-20.9	2.1	6.1	-168.8	26.2
AAAA	XDDD		A1	2	30000		4000	58.1	12.1	16.1	27.1	31.1	-161	31
AAAA	XDDD	D3		1				58.1	19.3	23.3	33.3	37.3	-166.6	21

AAAA	XDDD	D7		4	10300			58.1	-3.8	0.2	22.9	26.9	-167.5	23.6
AAAA	XDDD	D10		510	100			58.1	-24	-20	2.7	8.7	-168.2	23.6
AAAA	XDDD		A1	1			4000	58.1	16.3	20.3	33.3	37.3	-154.8	26.2
AAAA	XDDD	D4		1				58.1	19.3	23.3	33.3	37.3	-164.2	21
AAAA	XDDD	D7		3	10300			58.1	-3.7	0.3	25	29	-165.4	23.6
AAAA	XDDD	D10		308	100			58.1	-23.8	-19.8	4.9	8.9	-166	23.6
AAAA	XDDD		A1	1			4000	58.1	17.9	21.9	36.6	40.6	-160.3	23.6
AAAA	XDDD	D4		1				58.1	19.3	23.3	36.6	40.6	-160.9	20.9
AAAA	XDDD	D7		2	10300			58.1	-3.6	0.4	28.4	32.4	-162	21
AAAA	XDDD	D10		297	100			58.1	-23.6	-19.6	8.3	12.3	-162.6	21

FEDERAL COMMUNICATIONS COMMISSION
SATELLITE SPACE STATION AUTHORIZATIONS
FCC Form 312 - Schedule S: (Technical and Operational Description)

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): Yes

Remote Control (TT C) Location(s):

S14a: Street Address: 3400 INTERNATIONAL DRIVE, N.W.			
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.