PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02398 **Wednesday September 8, 2021**

Satellite Communications Services Information

re: Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

SES-AMD-20210615-00961 E E202176 SpaceX Services, Inc.
Amendment
Grant of Authority Date Effective: 08/31/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Robbins, CA Gateway
LOCATION: Sutter, Robbins, CA
38 ° 52 ' 30.00 " N LAT. 121 ° 42 ' 25.40 " W LONG.

ANTENNA ID: CO-1 1.47 meters SpaceX 1.47M

29500.0000 - 30000.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64 QAM; Digital Data
28350.0000 - 29100.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64 QAM; Digital Data
18800.0000 - 19300.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64 QAM; Digital Data
17800.0000 - 18600.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64 QAM; Digital Data

Points of Communication:

Robbins, CA Gateway - SPACEX (S2983/3018) - (NGSO)

SES-LIC-20201020-01153 E E202176 SpaceX Services, Inc.
Application for Authority 08/31/2021 - 08/31/2036
Grant of Authority Date Effective: 08/31/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Robbins, CA Gateway
LOCATION: Sutter, Robbins, CA
38 ° 52 ' 30.00 " N LAT. 121 ° 42 ' 25.40 " W LONG.

ANTENNA ID: CO-1 1.47 meters SpaceX 1.47M

17800.0000 - 18600.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64 QAM; Digital Data
18800.0000 - 19300.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64 QAM; Digital Data
28350.0000 - 29100.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64 QAM; Digital Data
29500.0000 - 30000.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64 QAM; Digital Data

Points of Communication:

Robbins, CA Gateway - SPACEX (S2983/3018) - (NGSO)

SES-LIC-20210802-01306 E E210300 PSSI Global Services LLC
Application for Authority 09/07/2021 - 09/07/2036
Grant of Authority Date Effective: 09/07/2021

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: PSSI NG #9 - 2.4m
LOCATION: 4415 Wagon Trail Ave, Clark, Las Vegas, NV

ANTENNA ID: 2.4m KU 2.4 meters AVL Technologies 2410

14000.0000 - 14500.0000 MHz	36M0G7F	73.82 dBW	Compressed Digital Video and Audio
14000.0000 - 14500.0000 MHz	4M00G7F	64.28 dBW	Compressed Digital Video and Audio
11700.0000 - 12200.0000 MHz	36M0G7F		Compressed Digital Video and Audio
11700.0000 - 12200.0000 MHz	4M00G7F		Compressed Digital Video and Audio

Points of Communication:

PSSI NG #9 - 2.4m - PERMITTED LIST - ()

SES-LIC-20210802-01307 E E210301 PSSI Global Services LLC
Application for Authority 09/07/2021 - 09/07/2036
Grant of Authority Date Effective: 09/07/2021

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: PSSI NG #8 - 2.4m
LOCATION: 4415 Wagon Trail Ave, Clark, Las Vegas, NV

ANTENNA ID:	2.4m KU	2.4 meters	AVL Technologies	2410
14000.0000 - 14500.0000 MHz	36M0G7F	73.82 dBW	Compressed Digital Video and Audio	
14000.0000 - 14500.0000 MHz	4M00G7F	64.28 dBW	Compressed Digital Video and Audio	
11700.0000 - 12200.0000 MHz	36M0G7F		Compressed Digital Video and Audio	
11700.0000 - 12200.0000 MHz	4M00G7F		Compressed Digital Video and Audio	

Points of Communication:

PSSI NG #8 - 2.4m - PERMITTED LIST - ()

SES-LIC-20210802-01308 E E210302 PSSI Global Services LLC
Application for Authority 09/07/2021 - 09/07/2036
Grant of Authority Date Effective: 09/07/2021

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: PSSI NG #3 - 2.4m
LOCATION: 4415 Wagon Trail Ave, Clark, Las Vegas, NV

ANTENNA ID:	2.4m KU	2.4 meters	AVL Technologies	2410
14000.0000 - 14500.0000 MHz	36M0G7F	73.82 dBW	Compressed Digital Video and Audio	
14000.0000 - 14500.0000 MHz	4M00G7F	64.28 dBW	Compressed Digital Video and Audio	
11700.0000 - 12200.0000 MHz	36M0G7F		Compressed Digital Video and Audio	
11700.0000 - 12200.0000 MHz	4M00G7F		Compressed Digital Video and Audio	

Points of Communication:

PSSI NG #3 - 2.4m - PERMITTED LIST - ()

SES-LIC-20210802-01309 E E210308 PSSI Global Services LLC
Application for Authority 09/07/2021 - 09/07/2036
Grant of Authority Date Effective: 09/07/2021

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: PSSI NG #2 - 2.4m
LOCATION: 4415 Wagon Trail Ave, Clark, Las Vegas, NV

ANTENNA ID: 2.4m KU 2.4 meters AVL Technologies 2410

14000.0000 - 14500.0000 MHz	36M0G7F	73.82 dBW	Compressed Digital Video and Audio
14000.0000 - 14500.0000 MHz	4M00G7F	64.28 dBW	Compressed Digital Video and Audio
11700.0000 - 12200.0000 MHz	36M0G7F		Compressed Digital Video and Audio
11700.0000 - 12200.0000 MHz	4M00G7F		Compressed Digital Video and Audio

Points of Communication:

PSSI NG #2 - 2.4m - PERMITTED LIST - ()

SES-LIC-20210802-01313 E E210303 PSSI Global Services LLC
Application for Authority 09/07/2021 - 09/07/2036
Grant of Authority Date Effective: 09/07/2021

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: PSSI NG #1 - 2.4m
LOCATION: 4415 Wagon Trail Ave, Clark, Las Vegas, NV

ANTENNA ID: 2.4m KU 2.4 meters AVL Technologies 2410

14000.0000 - 14500.0000 MHz	36M0G7F	73.82 dBW	Compressed Digital Video and Audio
14000.0000 - 14500.0000 MHz	4M00G7F	64.28 dBW	Compressed Digital Video and Audio
11700.0000 - 12200.0000 MHz	36M0G7F		Compressed Digital Video and Audio
11700.0000 - 12200.0000 MHz	4M00G7F		Compressed Digital Video and Audio

Points of Communication:

PSSI NG #1 - 2.4m - PERMITTED LIST - ()

SES-MFS-20210528-00864 E E140114 ISAT US Inc.
Modification 08/11/2015 - 08/11/2030
Grant of Authority Date Effective: 09/07/2021

Class of Station: Other

Nature of Service: Fixed Satellite Service

SITE ID: Aero 1
LOCATION: ABOARD AIRCRAFT CONUS & OCONUS

ANTENNA ID: AERO1 0.61 meters Honeywell MCS 8200

29500.0000 - 30000.0000 MHz	460KG7W	44.60 dBW	Various Modulations up to 32APSK; Digital Data Link

29500.0000 - 30000.0000 MHz	7M34G7W	46.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: Aero 2
LOCATION: ABOARD AIRCRAFT CONUS & OCONUS

ANTENNA ID: AERO2 0.3 meters Honeywell MCS 8000

29500.0000 - 30000.0000 MHz	460KG7W	32.60 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	7M34G7W	44.60 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: Aero 3
LOCATION: ABOARD AIRCRAFT CONUS & OCONUS

ANTENNA ID: AERO3 0.3 meters INMARSAT KA30

29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	7M34G7W	41.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	29.00 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: Aero 4
LOCATION: ABOARD AIRCRAFT CONUS & OCONUS

ANTENNA ID: AERO4 0.3 meters GET SAT MILLISATEX

29500.0000 - 30000.0000 MHz	7M34G7W	48.90 dBW	Various modulation up to 32 APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	48.90 dBW	Various modulation up to 32 APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	38.80 dBW	Various modulation up to 32 APSK; Digital Data Link

19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK; Digital Data Link

SITE ID: Aero 5
LOCATION: ABOARD AIRCRAFT CONUS & OCONUS

ANTENNA ID: AERO5 0.3 meters SMITHS INTERCONNECT KA5000

29500.0000 - 30000.0000 MHz	7M34G7W	47.00 dBW	Various modulation up to 32 APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	47.00 dBW	Various modulation up to 32 APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	39.00 dBW	Various modulation up to 32 APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK; Digital Data Link

SITE ID: Aero 6
LOCATION: ABOARD AIRCRAFT CONUS & OCONUS

ANTENNA ID: AERO6 0.61 meters HONEYWELL MCS8562

29500.0000 - 30000.0000 MHz	460KG7W	44.60 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	7M34G7W	46.00 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: Aero 7
LOCATION: ABOARD AIRCRAFT CONUS & OCONUS

ANTENNA ID: AERO7 0.46 meters ORBIT GX46

29500.0000 - 30000.0000 MHz	460KG7W	44.50 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	7M34G7W	52.20 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

Points of Communication:

Aero 1 - INMARSAT 5F1 - (63 E.L.)

Aero 1 - INMARSAT 5F2 - (55.0 W.L.)

Aero 1 - INMARSAT 5F3 - (179.6 E.L.)

Aero 2 - INMARSAT 5F1 - (63 E.L.)

Aero 2 - INMARSAT 5F2 - (55.0 W.L.)

Aero 2 - INMARSAT 5F3 - (179.6 E.L.)

Aero 3 - INMARSAT 5F1 - (63 E.L.)

Aero 3 - INMARSAT 5F2 - (55.0 W.L.)

Aero 3 - INMARSAT 5F3 - (179.6 E.L.)

Aero 4 - INMARSAT 5F1 - (63 E.L.)

Aero 4 - INMARSAT 5F2 - (55.0 W.L.)

Aero 4 - INMARSAT 5F3 - (179.6 E.L.)

Aero 5 - INMARSAT 5F1 - (63 E.L.)

Aero 5 - INMARSAT 5F2 - (55.0 W.L.)

Aero 5 - INMARSAT 5F3 - (179.6 E.L.)

Aero 6 - INMARSAT 5F1 - (63 E.L.)

Aero 6 - INMARSAT 5F2 - (55.0 W.L.)

Aero 6 - INMARSAT 5F3 - (179.6 E.L.)

Aero 7 - INMARSAT 5F1 - (63 E.L.)

Aero 7 - INMARSAT 5F2 - (55.0 W.L.)

Aero 7 - INMARSAT 5F3 - (179.6 E.L.)

SES-MOD-20200528-00575 E WB36 Marlink, Inc.

Application for Modification 10/22/2011 - 10/22/2026

Grant of Authority Date Effective: 09/01/2021

Class of Station: Earth Stations on-board Vessels/VSAT

Nature of Service: Earth Stations on-board Vessels, Fixed Satellite Service

SITE ID: 2

LOCATION: KU-BAND ESV & VSAT Remotes US & INTL WATERS & CONUS, AK, HI, US&P

ANTENNA ID: 4003 1 meters SEA TEL 4003

14000.0000 - 14500.0000 MHz 44K8G7W 34.70 dBW DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	5M00G7W	51.07 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	34.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	51.07 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: TTSA900 1 meters THRANE & THRANE TT-7090A SAILOR900

14000.0000 - 14500.0000 MHz	44K8G1W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	53.44 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G7W	53.44 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	7M00G1W	53.44 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	7M00G7W	53.44 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: INTV60G 0.6 meters INTELLIAN V60G

14000.0000 - 14500.0000 MHz	1M20G1W	40.57 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	26.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	26.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M20G7W	40.57 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: INTV80G 0.83 meters INTELLIAN V80G

14000.0000 - 14500.0000 MHz	1M20G1W	44.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M20G7W	44.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	29.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	29.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M10G1W	52.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M10G7W	52.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: INTV110 1.05 meters INTELLIAN V110

14000.0000 - 14500.0000 MHz	5M00G7W	53.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	36.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	36.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	5M00G1W	53.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	7M00G7W	53.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	7M00G1W	53.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: 9711QORKU 1.2 meters SEA TEL 9711QOR_KU

14000.0000 - 14500.0000 MHz	44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G7W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: 6006/9/12 1.5 meters SEA TEL 6006, 6009, 6012

14000.0000 - 14500.0000 MHz	44K8G7W	41.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	10M0G1W	58.38 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	10M0G7W	58.38 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	41.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G1W	65.39 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G7W	65.39 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: 9797/11KU 2.4 meters SEA TEL 9797,9711,9711IMAKU

14000.0000 - 14500.0000 MHz	44K8G7W	44.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	15M0G1W	67.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	15M0G7W	67.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	44.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G1W	71.72 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G7W	71.72 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	44.99 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	44.99 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: INTV240K 2.4 meters INTELLIAN V240K

14000.0000 - 14500.0000 MHz	15M0G1W	66.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	15M0G7W	66.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G1W	70.38 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G7W	70.38 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: 4006/9/10 1 meters SEA TEL 4006, 4009 & 4010

14000.0000 - 14500.0000 MHz	5M00G7W	51.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	34.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	34.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	51.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: 4996 1.2 meters SEA TEL 4996

14000.0000 - 14500.0000 MHz	8M00G7W	54.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	54.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: 5009/10/12 1.2 meters SEA TEL 5009, 5010, 5012

14000.0000 - 14500.0000 MHz	8M00G7W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: 900B/FV110 1.03 meters THRANE & THRANE 900B 900VSATHP&FV110

14000.0000 - 14500.0000 MHz	44K8G1W	35.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	35.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	7M00G7W	53.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	7M00G1W	53.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: OR7-300K 2.1 meters ORBIT OCEANTRX7-300KU

14000.0000 - 14500.0000 MHz	15M0G7W	65.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	40.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	40.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	15M0G1W	65.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: ORAL-7103 1.2 meters ORBIT ORAL7103MKII-K

14000.0000 - 14500.0000 MHz	44K8G7W	35.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	57.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G7W	57.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	35.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: ORTR4-500 1.2 meters ORBIT OCEANTRX4-500KU

14000.0000 - 14500.0000 MHz	44K8G7W	34.61 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	57.13 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G7W	57.13 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	44K8G1W	34.61 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: INTV65/65G 0.65 meters INTELLIAN V65, V65G

14000.0000 - 14500.0000 MHz	1M20G7W	40.37 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	26.09 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	26.09 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M20G1W	40.37 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: MITMVA120 1.2 meters MITSUBISHI MVA120

14000.0000 - 14500.0000 MHz	44K8G1W	44.22 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	44.22 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: INTV100 1.06 meters INTELLIAN V100

ANTENNA ID: INTV130/G 1.25 meters INTELLIAN V130, V130G

14000.0000 - 14500.0000 MHz	44K8G1W	39.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	54.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	39.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G7W	54.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G1W	58.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G7W	58.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: MITMVA60 0.6 meters MITSUBISHI MVA60

14000.0000 - 14500.0000 MHz	1M10G7W	46.34 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	34.93 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M10G1W	46.34 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	34.93 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: TTSA80020 0.83 meters THRANE & THRANE TT-7080A SAILOR 800A

14000.0000 - 14500.0000 MHz	44K8G1W	31.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	31.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	5M00G1W	51.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G7W	51.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M10G1W	47.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M10G7W	47.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: INTV240MK 2.4 meters INTELLIAN V240M(KU-BAND)

14000.0000 - 14500.0000 MHz	15M0G1W	66.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	15M0G7W	66.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	44K8G1W	44.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	44.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G1W	70.58 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G7W	70.58 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: INTV150NX 1.5 meters INTELLIAN V150NX

14000.0000 - 14500.0000 MHz	50M0G7W	66.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	50M0G1W	66.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	41.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	41.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: INTV80e 0.8 meters INTELLIAN V80e

14000.0000 - 14500.0000 MHz	44K8G7W	30.99 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	30.99 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M10G7W	46.85 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M10G1W	46.85 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: INTV100NX 1.05 meters INTELLIAN V100NX

14000.0000 - 14500.0000 MHz	54M0G7W	54.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	54M0G1W	54.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	35.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	35.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: INTV130NX 1.25 meters INTELLIAN V130NX

14000.0000 - 14500.0000 MHz	8M00G7W	58.41 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	58.41 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	40.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	40.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	5M00G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: V240MTKU 2.4 meters INTELLIAN V240MTKU

14000.0000 - 14500.0000 MHz	44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	100MG7W	71.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	100MG1W	71.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	200MG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	200MG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: V240MT2KU 2.4 meters INTELLIAN V240MTGEN2KU

10700.0000 - 12200.0000 MHz	200MG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	200MG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	43.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	43.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	100MG7W	72.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	100MG1W	72.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: 2400KU 2.4 meters SEA TEL 2400KU

14000.0000 - 14500.0000 MHz	44K8G7W	43.09 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	43.09 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	100MG7W	72.24 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	100MG1W	72.24 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10700.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	200MG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	200MG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: INTV85NX 0.85 meters INTELLIAN V85NX

14000.0000 - 14500.0000 MHz	2M10G1W	49.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M10G7W	49.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	33.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	33.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10700.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10700.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: TTSA600 0.65 meters THRANE & THRANE TT-7060C SAILOR 600

14000.0000 - 14500.0000 MHz	1M10G1W	40.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M10G7W	40.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	26.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	26.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: SAT30/3011 0.75 meters SEA TEL USAT30 & 3011

14000.0000 - 14500.0000 MHz	1M10G1W	41.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M10G7W	41.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	27.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	27.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: 3612 0.9 meters SEA TEL 3612

14000.0000 - 14500.0000 MHz	5M00G7W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	30.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	30.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: 4012 1.06 meters SEA TEL 4012

14000.0000 - 14500.0000 MHz	5M00G7W	53.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	35.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	35.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	53.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	7M00G7W	53.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	7M00G7W	53.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 1
LOCATION: C-BAND REMOTE ESVS/US AND INTL WATERS

ANTENNA ID: 9707/97/11 2.4 meters SEA TEL 9707, 9797, 9711

5925.0000 - 6425.0000 MHz	15M0G7W	64.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

5925.0000 - 6425.0000 MHz	44K8G1W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G7W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G1W	64.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	40M0G1W	64.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	40M0G7W	64.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: INTV240 2.4 meters INTELLIAN V240

5925.0000 - 6425.0000 MHz	15M0G7W	60.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G1W	60.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: 9711QORC 2.4 meters SEA TEL 9711QORC

5925.0000 - 6425.0000 MHz	44K8G7W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G7W	64.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G1W	64.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	40M0G1W	64.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	40M0G7W	64.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

3700.0000 - 4200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: OR7-300C 2.2 meters ORBIT OCTRX7300C,7107C

5925.0000 - 6425.0000 MHz	15M0G7W	61.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	39.49 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G7W	39.49 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G1W	61.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G1W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: INTV240MC 2.4 meters INTELLIAN V240M(C-BAND)

5925.0000 - 6425.0000 MHz	15M0G1W	63.91 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G7W	63.91 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	44.98 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G7W	44.98 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	40M0G1W	63.91 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	40M0G7W	63.91 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

3700.0000 - 4200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: ORAL-7108 2.4 meters ORBIT AL-7108(C-BAND)

5925.0000 - 6425.0000 MHz	44K8G7W	40.59 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	40.59 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G7W	60.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G1W	60.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 3
LOCATION: KU-BAND VSATS in CONUS, AK, HI, US&P

ANTENNA ID: SA1.2MFLY 1.2 meters SINAERO SA-1.2FLY

14000.0000 - 14500.0000 MHz	10M0G1W	58.84 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	10M0G7W	58.84 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G1W	40.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	40.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	1M00G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	1M00G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11700.0000 - 12200.0000 MHz	36M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 4
LOCATION: KA-BAND ESV & VSAT REMOTES US & INTL WATERS & CONUS, AK, HI, US&P

ANTENNA ID: 2400KA 2.4 meters SEA TEL 2400KA

29300.0000 - 30000.0000 MHz	44K8G7W	68.09 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
29300.0000 - 30000.0000 MHz	44K8G1W	68.09 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
29300.0000 - 30000.0000 MHz	100MG7W	73.09 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
29300.0000 - 30000.0000 MHz	100MG1W	73.09 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
28350.0000 - 29100.0000 MHz	44K8G7W	68.09 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
28350.0000 - 29100.0000 MHz	44K8G1W	68.09 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
28350.0000 - 29100.0000 MHz	100MG7W	73.09 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
28350.0000 - 29100.0000 MHz	100MG1W	73.09 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
19600.0000 - 20200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
19600.0000 - 20200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
19600.0000 - 20200.0000 MHz	200MG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
19600.0000 - 20200.0000 MHz	200MG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
17800.0000 - 19400.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
17800.0000 - 19400.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
17800.0000 - 19400.0000 MHz	200MG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

17800.0000 - 19400.0000 MHz	200MG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: V240MTKA 2.4 meters INTELLIAN V240MTKA

29300.0000 - 30000.0000 MHz	44K8G7W	62.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
29300.0000 - 30000.0000 MHz	44K8G1W	62.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
29300.0000 - 30000.0000 MHz	100MG7W	69.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
29300.0000 - 30000.0000 MHz	100MG1W	69.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
28350.0000 - 29100.0000 MHz	44K8G7W	62.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
28350.0000 - 29100.0000 MHz	44K8G1W	62.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
28350.0000 - 29100.0000 MHz	100MG7W	69.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
28350.0000 - 29100.0000 MHz	100MG1W	69.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
19600.0000 - 20200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
19600.0000 - 20200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
19600.0000 - 20200.0000 MHz	200MG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
19600.0000 - 20200.0000 MHz	200MG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
17800.0000 - 19400.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
17800.0000 - 19400.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
17800.0000 - 19400.0000 MHz	200MG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
17800.0000 - 19400.0000 MHz	200MG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID: V240MT2KA 2.4 meters INTELLIAN V240MT2KA

28350.0000 - 29100.0000 MHz	100MG7W	70.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

28350.0000 - 29100.0000 MHz	100MG1W	70.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
17800.0000 - 19400.0000 MHz	200MG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
29300.0000 - 30000.0000 MHz	44K8G7W	59.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
29300.0000 - 30000.0000 MHz	44K8G1W	59.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
29300.0000 - 30000.0000 MHz	100MG7W	70.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
29300.0000 - 30000.0000 MHz	100MG1W	70.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
28350.0000 - 29100.0000 MHz	44K8G7W	59.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
28350.0000 - 29100.0000 MHz	44K8G1W	59.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
19600.0000 - 20200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
19600.0000 - 20200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
19600.0000 - 20200.0000 MHz	200MG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
19600.0000 - 20200.0000 MHz	200MG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
17800.0000 - 19400.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
17800.0000 - 19400.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
17800.0000 - 19400.0000 MHz	200MG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

Points of Communication:

1 - NSS 9 (S2756) - (177 W.L.)

1 - PERMITTED LIST - ()

1 - SES-4 (S2828) - (22.0 W.L.)

2 - PERMITTED LIST - ()

3 - PERMITTED LIST - ()

4 - PERMITTED LIST - ()

SES-MOD-20210727-01279 E E020133 GCI Communication Corp.
Application for Modification 07/08/2017 - 07/08/2032
Grant of Authority Date Effective: 09/07/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: WITHIN THE COMMUNITY OF ST. PAUL, ALEUTIANS WEST, St. Paul, AK
57 ° 7 ' 16.10 " N LAT. 170 ° 16 ' 58.60 " W LONG.

ANTENNA ID: 1 3.8 meters GC SATCOM 2385

5925.0000 - 6425.0000 MHz	36M0G7W	69.51 dBW	Phase modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz	45K0G7W-	54.31 dBW	Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	45K0G7W-		Phase modulated voice, video, and data services.

ANTENNA ID: 2 2.4 meters GC SATCOM

5925.0000 - 6425.0000 MHz	45K0G7W-	38.51 dBW	Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	36M0G7W		Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	45K0G7W		Phase modulated voice, video, and data services.

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210810-01348 E E060302 Thomas Broadcasting Co.
Renewal 08/07/2021 - 08/07/2036
Grant of Authority Date Effective: 09/07/2021

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: US 16 SOUTH (WOAY), FAYETTE, OAK HILL, WV
37 ° 57 ' 26.40 " N LAT. 81 ° 9 ' 0.70 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA45-46

3700.0000 - 4200.0000 MHz	36M0F3F	STANDARD ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F	COMPRESSED DIGITAL VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210818-01506 E E060299 DIRECTV Enterprises, LLC

Renewal 10/10/2021 - 10/10/2036

Grant of Authority Date Effective: 09/07/2021

Class of Station: Fixed Earth Stations

Nature of Service: Direct to Home Fixed Satellite, Fixed Satellite Service

SITE ID: 1

LOCATION: 106 GRANT WAY (NWUF), YAKIMA, MOXEE, WA

46 ° 33 ' 54.50 " N LAT. 120 ° 23 ' 57.10 " W LONG.

ANTENNA ID: KA1 9.2 meters Vertex RSI 9mKa-01-00

29250.0000 - 30000.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
28350.0000 - 28600.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO

ANTENNA ID: KA2 9.2 meters Vertex RSI 9mKA-01-00

29250.0000 - 30000.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
28350.0000 - 28600.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO

Points of Communication:

1 - DIRECTV 12 - (102.725 W.)

1 - DIRECTV 8 (D) - (119.05)

1 - DIRECTV 9S (S2669) - (101 W.L.)

1 - PERMITTED LIST - ()

1 - SPACEWAY 1 - (103 W.L.)

1 - SPACEWAY 2 (S2133) - (138.9 W.L.)

SES-RWL-20210818-01507 E E060298 DIRECTV Enterprises, LLC
Renewal 10/10/2021 - 10/10/2036
Grant of Authority Date Effective: 09/07/2021

Class of Station: Fixed Earth Stations

Nature of Service: Direct to Home Fixed Satellite, Fixed Satellite Service

SITE ID: 1
LOCATION: 1306 W. Dolarway Rd. (NWDF), Kittitas County, Ellensburg, WA
46 ° 59 ' 55.60 " N LAT. 120 ° 33 ' 56.95 " W LONG.

ANTENNA ID: KA1 9.2 meters Vertex RSI 9mKa-01-00

29250.0000 - 30000.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
28350.0000 - 28600.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO

ANTENNA ID: KA2 9.2 meters Vertex RSI 9mKA-01-00

29250.0000 - 30000.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
28350.0000 - 28600.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO

Points of Communication:

1 - DIRECTV 12 - (102.725 W.)

1 - DIRECTV 8 (D) - (119.05)

1 - DIRECTV 9S (S2669) - (101 W.L.)

1 - PERMITTED LIST - ()

1 - SPACEWAY 1 - (103 W.L.)

1 - SPACEWAY 2 (S2133) - (138.9 W.L.)

SES-STA-20200924-01034 E Universal Space Network, Inc.
Special Temporary Authority
Withdrawn Date Effective: 09/01/2021

Class of Station:

Points of Communication:

SES-STA-20201120-01330 E E201606 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20201216-01410 E E201415 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210119-00138 E E201606 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210205-00253 E E201415 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210208-00266 E E202152 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210208-00268 E E202175 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210327-00760 E E201606 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210327-00763 E E201990 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210327-00764 E E202125 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210412-00686 E E202176 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210412-00687 E E202175 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210412-00691 E E202152 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210506-00775 E Universal Space Network, Inc.
Special Temporary Authority
Withdrawn Date Effective: 09/01/2021

Class of Station:

Points of Communication:

SES-STA-20210518-00805 E E202125 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210518-00806 E E201990 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210518-00810 E E201606 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210611-00942 E E202152 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210611-00949 E E202176 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210708-01025 E E202125 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210712-01032 E E210102 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

On September 7, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on September 7, 2021, to operate its fixed earth station in Ketchikan AK with (NGSO) SpaceX Starlink (S2983/3018) satellite constellation in the 28.35-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20210729-01287 E E210105 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2021

Class of Station:

On September 7, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on September 7, 2021, to operate its fixed earth station in New Braunfels, TX with (NGSO) SpaceX Starlink (S2983/3018) satellite constellation in the 28.35-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20210804-01338 E E050287 SES Americom, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/02/2021

Class of Station:

On September 2, 2021, SES Americom, Inc. was granted special temporary authority for 60 days, beginning on September 2, 2021, to operate its fixed earth station in Woodbine, MD with the ASTRA 1D satellite in the 17.3-17.8 GHz (Earth-to-space) and 12.2-12.7 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20210804-01340 E E202152 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/01/2021

Class of Station:

On September 1, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on September 1, 2021, to operate its fixed earth station in Gaffney, SC (NGSO) SpaceX Starlink (S2983/3018) satellite constellation in the 27.5-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20210804-01341 E E202201 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/01/2021

Class of Station:

On September 1, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on September 1, 2021, to operate its fixed earth station in Hamshire, TX with (NGSO) SpaceX Starlink (S2983/3018) satellite constellation in the 27.5-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20210806-01350 E E202176 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/01/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210810-01362 E E210059 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/01/2021

Class of Station:

On September 1, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on September 1, 2021, to operate its fixed earth station in Lunenburg, VT with (NGSO) SpaceX Starlink (S2983/3018) satellite constellation in the 28.35-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20210810-01367 E E202185 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/01/2021

Class of Station:

On September 1, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on September 1, 2021, to operate its fixed earth station in McGregor, TX with (NGSO) SpaceX Starlink (S2983/3018) satellite constellation in the 27.5-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20210810-01368 E E202178 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/01/2021

Class of Station:

On September 1, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on September 1, 2021, to operate its fixed earth station in Mandale, NC with (NGSO) SpaceX Starlink (S2983/3018) satellite constellation in the 27.5-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20210810-01369 E E210060 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/01/2021

Class of Station:

On September 1, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on September 1, 2021, to operate its fixed earth station in Sullivan, ME with (NGSO) SpaceX Starlink (S2983/3018) satellite constellation in the 28.35-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20210812-01492 E E202208 Intelsat License LLC, as debtor-in-possession
Special Temporary Authority
Grant of Authority Date Effective: 09/02/2021

Class of Station:

On September 2, 2021, Intelsat License LLC, as debtor-in-possession was granted special temporary authority for 60 days, beginning on September 8, 2021, to operate its fixed earth station in Brewster, WA to provide telemetry, tracking and command (TT&C) functions to communicate with various satellites: Galaxy 3C (S2381), Galaxy 12 (S2422), Galaxy 13 (S2386), Galaxy 15 (S2387), Galaxy 16 (S2687), Galaxy 17 (S2715), Galaxy 18 (S2733), Galaxy 19 (S2647), Galaxy 23(S2592), Galaxy 28 (S2160), Galaxy 30 (S3016), Intelsat 18 (S2817), Intelsat 23 (S2831), and Intelsat 34 (S2915) in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20210812-01493 E E202210 Intelsat License LLC, as debtor-in-possession
Special Temporary Authority
Grant of Authority Date Effective: 09/02/2021

Class of Station:

On September 2, 2021 Intelsat License LLC, as debtor-in-possession was granted special temporary authority for 60 days, beginning on September 8, 2021, to operate its fixed earth in Brewster, WA to provide telemetry, tracking, and command (TT&C) functions to communicate with various satellites: Galaxy 3C (S2381), Galaxy 12 (S2422), Galaxy 13 (S2386), Galaxy 15 (S2387), Galaxy 16 (S2687), Galaxy 17 (S2715), Galaxy 18 (S2733), Galaxy 19 (S2647), Galaxy 23(S2592), Galaxy 28 (S2160), Galaxy 30 (S3016), Intelsat 18 (S2817), Intelsat 23 (S2831), and Intelsat 34 (S2915) in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands.

Points of Communication:

SURRENDER

SES-LIC-20190312-00333 E190108 WML Services, LLC

License surrendered by letter filed on September 2, 2021.

SES-LIC-20201218-01416 E202206 WML Services, LLC

License surrendered by letter filed on September 2, 2021.

SES-LIC-20210217-00353 E210038 WML Services, LLC

License surrendered by letter filed on September 2, 2021.

SES-LIC-20210217-00354 E210039 WML Services, LLC

License surrendered by letter filed on September 2, 2021.

SES-REG-20061020-01874 E060385 Comcast of Fresno, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-04991 E191367 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-04995 E191371 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-04997 E191373 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-04998 E191374 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05000 E191376 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05003 E191379 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05006 E191382 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SURRENDER

SES-REG-20181009-05020 E191396 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05039 E191417 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05040 E191418 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05051 E191429 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05052 E191430 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05053 E191431 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05056 E191434 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05058 E191436 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05066 E191444 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05077 E191455 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05078 E191456 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05079 E191457 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05080 E191458 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05082 E191460 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05083 E191461 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05085 E191463 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05086 E191464 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05088 E191466 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05092 E191470 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05098 E191476 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05099 E191477 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05103 E191481 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-REG-20181009-05104 E191484 AC Holdings, Inc.

Registration was surrendered by letter filed on September 1, 2021.

SES-RWL-20060901-01660 E960407 BFI Licenses, LLC

License surrendered by letter filed on September 1, 2021.

SES-RWL-20060901-01662 E960408 BFI Licenses, LLC

License surrendered by letter filed on September 1, 2021.

SURRENDER

SES-RWL-20200616-00651 E050223 Scripps Broadcasting Holdings LLC

License surrendered by letter filed on August 12, 2021.

SES-RWL-20210630-01007 E860634 American Broadcasting Companies, Inc.

License surrendered by letter filed on September 3, 2021.

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 1-888-835-5322.