PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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WASHINGTON D.C. 20554

News media information 202-418-0500
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Report No. SES-02554 **Wednesday March 29, 2023**

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-MOD-20230201-00120 E KA304 Comsat, Inc.
Application for Modification 10/04/2011 - 10/04/2026
Grant of Authority Date Effective: 03/22/2023

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SBY343KU
LOCATION: 2120 RIVER ROAD (4.8M.KU), NEW HAVEN, SOUTHBURY, CT
41 ° 27 ' 4.26 " N LAT. 73 ° 17 ' 22.36 " W LONG.

ANTENNA ID: SBY343KU 4.8 meters GENERAL DYNAMICS SATCOM 4.8M 037974-01

14000.0000 - 14500.0000 MHz	64K0G7W	40.00 dBW	DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS
14000.0000 - 14500.0000 MHz	54M0D7W	81.00 dBW	DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS
14000.0000 - 14500.0000 MHz	54M0D1W	81.00 dBW	DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS
14000.0000 - 14000.0000 MHz	45M0G7W	81.00 dBW	DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS
14000.0000 - 14000.0000 MHz	36M0G7W	80.60 dBW	DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS
14000.0000 - 14000.0000 MHz	36M0G1W	80.60 dBW	DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS

14000.0000 - 14000.0000 MHz	32K0G7W	50.10 dBW	DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS
14000.0000 - 14000.0000 MHz	32K0G1W	50.10 dBW	DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS
14000.0000 - 14000.0000 MHz	1M50G7W	53.00 dBW	DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS
11700.0000 - 12200.0000 MHz	54M0D7W		DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS
11700.0000 - 12200.0000 MHz	54M0D1W		DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS
11700.0000 - 12200.0000 MHz	45M0G7W		DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS
11700.0000 - 12200.0000 MHz	36M0G1W		DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS
11700.0000 - 12200.0000 MHz	32K0G7W		DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS
11700.0000 - 12200.0000 MHz	32K0G1W		DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS
11700.0000 - 12200.0000 MHz	1M00G7W		DIGITAL TRAFFIC USING PHASE AND AMPLITUDE MODULATIONS

SITE ID: SBY301KU

LOCATION: 2120 RIVER ROAD (9.0M.KU), NEW HAVEN, SOUTHBURY, CT

41 ° 27 ' 7.00 " N LAT. 73 ° 17 ' 19.80 " W LONG.

ANTENNA ID: SBY301KU 9 meters VERTEX 9KPK

14000.0000 - 14500.0000 MHz	800KG1F	69.11 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	400KG1F	66.10 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	200KG1F	63.08 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	1M60G1F	72.12 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO, AND DATA

14000.0000 - 14500.0000 MHz	600KG7W	67.90 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	45M0G7W	86.60 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	1M86G7W	68.60 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	36M0G7W	72.00 dBW	QPSK, DIGITAL TELEPHONY
14000.0000 - 14500.0000 MHz	9K00G7W	49.62 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	76K8G7W	58.93 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	72M0G7W	88.55 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	45K0G7W	56.61 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K8G7W	56.49 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	42M0G7W	86.31 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	32K0G7W	55.13 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	2M29G7W	73.67 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	2M0G7W	83.08 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	100KG7W	66.07 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	6M0G7W	77.23 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO
13780.0000 - 14500.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13780.0000 - 14500.0000 MHz	10M0G7W	80.10 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13778.0000 - 14000.0000 MHz	600KG7W	67.90 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13778.0000 - 14000.0000 MHz	45M0G7W	86.60 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13778.0000 - 14000.0000 MHz	1M86G7W	68.80 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 14000.0000 MHz	36M0G7W	74.50 dBW	QPSK, DIGITAL TELEPHONY
13750.0000 - 13772.0000 MHz	600KG7W	67.90 dBW	DIGITAL VIDEO, AUDIO, AND DATA

13750.0000 - 13772.0000 MHz	21M0G7W	83.30 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 13772.0000 MHz	1M86G7W	68.80 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 13770.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 13770.0000 MHz	10M0G7W	80.10 dBW	DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	10M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 11700.0000 MHz	800KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	400KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	200KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	1M60G1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	7M50G7W		DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 11700.0000 MHz	64K0G7W		DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 11700.0000 MHz	64K0G7W		DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 11700.0000 MHz	417KG7W		DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 11700.0000 MHz	10M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 11700.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY
11450.0000 - 11700.0000 MHz	9K00G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	76K8G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	72M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	45K0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	43K8G7W		QPSK DIGITAL DATA

11450.0000 - 11700.0000 MHz	42M0G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	36M0G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	32K0G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	2M29G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	20M0G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	100KG7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	36M0F8W	ANALOG VIDEO
10950.0000 - 11200.0000 MHz	64K0G7W	DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	417KG7W	DIGITAL VIDEO, AUDIO, AND DATA
10700.0000 - 12500.0000 MHz	36M0G7W	QPSK, DIGITAL TELEPHONY

SITE ID: 1

LOCATION: 2120 RIVER ROAD, NEW HAVEN, SOUTHBURY, CT

41 ° 27 ' 6.00 " N LAT. 73 ° 17 ' 23.00 " W LONG.

ANTENNA ID: 1 0.03 meters THRANE AND THRANE, INMARSAT-C TT-3001A CAPSAT

1626.5000 - 1646.5000 MHz	600KFXN	16.00 dBW	Test signal, L-band pilot and test carrier transmission
1626.5000 - 1646.5000 MHz	600HG1D	16.00 dBW	TDM channel, BPSK, STD-C, L-band pilot and test carrier transmission
1530.0000 - 1545.0000 MHz	600HG1D		Test signal, Monitor & test of C-band transmit signals (communications & pilot)
1530.0000 - 1545.0000 MHz	1K20G1D		TDM channel, BPSK, STD-C, Monitor & test of C-band transmit signals (communications & pilot)
1530.0000 - 1545.0000 MHz	2K40G1D		TDM channel, BPSK, STD-C, Monitor & test of C-band transmit signals (communications & pilot)

SITE ID: HUB(8.1M)KU

LOCATION: 2120 RIVER ROAD (8.1M.)KU, NEW HAVEN, SOUTHBURY, CT

41 ° 27 ' 6.20 " N LAT. 73 ° 17 ' 18.05 " W LONG.

ANTENNA ID: (8.1M.)KU 8.1 meters VERTEX KPK

14000.0000 - 14500.0000 MHz	800KG1F	69.11 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO

14000.0000 - 14500.0000 MHz	400KG1F	66.10 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	200KG1F	63.08 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	1M60G1F	72.12 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	36M0G7W	72.00 dBW	QPSK, DIGITAL TELEPHONY
14000.0000 - 14500.0000 MHz	9K00G7W	49.62 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	76K8G7W	58.93 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	72M0G7W	88.55 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	45K0G7W	56.61 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K8G7W	56.49 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	42M0G7W	86.31 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0G7W	77.23 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	32K0G7W	55.13 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	2M29G7W	73.67 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	20M0G7W	83.08 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	100KG7W	60.07 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO
11700.0000 - 12200.0000 MHz	800KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11700.0000 - 12200.0000 MHz	400KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11700.0000 - 12200.0000 MHz	200KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11700.0000 - 12200.0000 MHz	1M60G1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11700.0000 - 12200.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY
11700.0000 - 12200.0000 MHz	9K00G7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	76K8G7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	72M0G7W		QPSK DIGITAL DATA

11700.0000 - 12200.0000 MHz	45K0G7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	43K8G7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	42M0G7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0G7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	32K0G7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M29G7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	20M0G7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	100KG7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0F8W		QPSK DIGITAL DATA

SITE ID: HUB(6.1M)KU
LOCATION: 2120 RIVER ROAD (6.1M)KU, NEW HAVEN, SOUTHBURY, CT
41 ° 27 ' 5.25 " N LAT. 73 ° 17 ' 17.15 " W LONG.

ANTENNA ID: (6.1M)KU 6.1 meters VERTEX KPK

14000.0000 - 14500.0000 MHz	800KG1F	66.11 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	400KG1F	63.10 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	200KG1F	60.08 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	1M60G1F	69.12 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	36M0G7W	71.70 dBW	QPSK, DIGITAL TELEPHONY
14000.0000 - 14500.0000 MHz	9K00G7W	46.62 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	76K8G7W	55.93 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	45K0G7W	53.61 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K8G7W	53.49 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0G7W	79.63 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	32K0G7W	52.13 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	2M29G7W	70.67 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	20M0G7W	80.08 dBW	QPSK DIGITAL DATA

14000.0000 - 14500.0000 MHz	100KG7W	57.07 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO
11700.0000 - 12200.0000 MHz	800KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11700.0000 - 12200.0000 MHz	400KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11700.0000 - 12200.0000 MHz	200KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11700.0000 - 12200.0000 MHz	1M60G1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11700.0000 - 12200.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY
11700.0000 - 12200.0000 MHz	9K00G7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	76K8G7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	45K0G7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	43K8G7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0G7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	32K0G7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M29G7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	20M0G7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	100KG7W		QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0F8W		QPSK DIGITAL DATA

SITE ID: HUB(1.2M)KU
LOCATION: 2120 RIVER ROAD (1.2M)KU, NEW HAVEN, SOUTHBURY, CT
41 ° 27 ' 5.43 " N LAT. 73 ° 17 ' 21.00 " W LONG.

ANTENNA ID: (1.2M)KU 1.2 meters PRODELIN 1123

14000.0000 - 14500.0000 MHz	64K0G7W	41.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	36M0G7W	63.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	1M62G7W	55.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	169KG7W	55.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL AUDIO, VIDEO, AND DATA

11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL AUDIO, VIDEO, AND DATA

SITE ID: SBY332KU
LOCATION: 2120 RIVER ROAD (9.0M.KU), NEW HAVEN, SOUTHBURY, CT
41 ° 27 ' 5.65 " N LAT. 73 ° 17 ' 17.65 " W LONG.

ANTENNA ID: SBY332KU 9 meters VERTEX 9KPK

14000.0000 - 14500.0000 MHz	200KG1F	63.10 dBW	PSK DIGITAL VIDEO AND ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz	1M60G1F	72.10 dBW	PSK DIGITAL VIDEO AND ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz	9K00G7W	49.60 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	72M0G7W	88.70 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	36M0F8W	80.10 dBW	ANALOG VIDEO
11700.0000 - 12200.0000 MHz	200KG1F		PSK DIGITAL VIDEO AND ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	1M60G1F		PSK DIGITAL VIDEO AND ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	9K00G7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	72M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	36M0F8W		ANALOG VIDEO

Points of Communication:

1 - INMARSAT Ltd-3 - (15.5 W.L.)

1 - INMARSAT-2 AOR-EAST - (17 W.L.)

1 - INMARSAT-2 AOR-WEST - (98 W.L.)

1 - ISAT List -

HUB(1.2M)KU - PERMITTED LIST - ()

HUB(6.1M)KU - PERMITTED LIST - ()

HUB(8.1M)KU - PERMITTED LIST - ()

SBY301KU - AMAZONAS 2 (S2793) - (61 W.L.)

SBY301KU - ESTRELA DO SUL 2 - (63 W.L.)

SBY301KU - PERMITTED LIST - ()

SBY301KU - TELSTAR 11N (S2357) - (37.5 W.L.)

SBY301KU - TELSTAR 12 V (S2933) - (15 W.L.)

SBY332KU - PERMITTED LIST - ()

SBY343KU - PERMITTED LIST - ()

SES-MOD-20230201-00147 E E890649 Comsat, Inc.
Application for Modification 07/14/2009 - 07/14/2024
Grant of Authority Date Effective: 03/22/2023

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: STLl5009
LOCATION: 1.2 M. STLl5009, (500 UNITS)

ANTENNA ID: STl5009 1.2 meters SEATEL 5009

14000.0000 - 14500.0000 MHz	194KG7W	45.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	222KG7W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	263KG7W	47.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	47.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	296KG7W	47.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	345KG7W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	417KG7W	49.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	518KG7W	50.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	64K0G7W	41.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G7W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G1W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG1W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G1W	41.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	518KG1W	50.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG1W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG1W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	417KG1W	49.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG1W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	345KG1W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	296KG1W	47.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG1W	47.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	263KG1W	47.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	222KG1W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG1W	45.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	64K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	64K0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	45M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	45M0G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	64K0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	64K0G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: SAPA15KU

LOCATION: 7676 PINE GROVE ROAD (14.2M.TIW), VENTURA, SANTA PAULA, CA

34 ° 24 ' 6.96 " N LAT. 119 ° 4 ' 21.25 " W LONG.

ANTENNA ID: SAPA15KU 14.2 meters TIW 14.2 M

13799.0000 - 14500.0000 MHz	72M0F7W	81.60 dBW	Digital Traffic Using Phase and Amplitude Modulation
13779.0000 - 14500.0000 MHz	72M0F1W	81.60 dBW	Digital Traffic Using Phase and Amplitude Modulation
13779.0000 - 14500.0000 MHz	72M0D7W	81.60 dBW	Digital Traffic Using Phase and Amplitude Modulation
13779.0000 - 14500.0000 MHz	72M0D1W	81.60 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 14500.0000 MHz	32K0F7W	68.60 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 14500.0000 MHz	32K0F1W	68.60 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 14500.0000 MHz	32K0D7W	68.60 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 14500.0000 MHz	32K0D1W	68.60 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 13806.0000 MHz	56M0F7W	69.90 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 13806.0000 MHz	56M0F7W	69.90 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 13806.0000 MHz	56M0D7W	69.90 dBW	Digital Traffic Using Phase and Amplitude Modulation

13750.0000 - 13806.0000 MHz	56M0D1W	69.90 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 13806.0000 MHz	56M0F7W	69.90 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 13806.0000 MHz	56M0F1W	69.90 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 13806.0000 MHz	56M0D7W	69.90 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 13806.0000 MHz	56M0D1W	69.90 dBW	Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	72M0F7W		Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	72M0F1W		Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	72M0D7W		Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	72M0D1W		Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	32K0F7W		Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	32K0F1W		Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	32K0D7W		Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	32K0D1W		Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	72M0F7W		Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	72M0F1W		Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	72M0D7W		Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	72M0D1W		Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	32K0F7W		Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	32K0F1W		Digital Traffic Using Phase and Amplitude Modulation

10950.0000 - 11200.0000 MHz	32K0D7W		Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	32K0D1W		Digital Traffic Using Phase and Amplitude Modulation

SITE ID: STL4003A
LOCATION: 1.0 M. STL4003A, (500 UNITS)

ANTENNA ID: STL4003A 1 meters SEATEL 4003A

14000.0000 - 14500.0000 MHz	44K8G1W	34.60 dBW	SCPC DIGITAL USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	538KG1W	45.50 dBW	SCPC DIGITAL USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	37.70 dBW	SCPC DIGITAL USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	41.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M16G7W	48.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M36G7W	48.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M55G7W	48.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	219KG7W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	44.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	485KG7W	45.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	582KG7W	45.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	36.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	679KG7W	46.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	47.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	970KG7W	48.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	97K0G7W	38.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 11700.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 11700.0000 MHz	2M60G7W		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	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: STL6006
LOCATION: 1.5 M. STL6006, (500 UNITS)

ANTENNA ID: STL6006 1.5 meters SEATEL 6006

14000.0000 - 14500.0000 MHz	97K0G7W	44.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	44.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	81K0G7W	44.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	53.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	51.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	41.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	51.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	51.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M35G1W	53.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	49.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M43G1W	53.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	48.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	151KG7W	46.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		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	2M35G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M43G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		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	2M35G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M43G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: STL4006
LOCATION: 1.0 M. STL4006, (250 UNITS)

ANTENNA ID: STL4006 1 meters SEATEL 4006

14000.0000 - 14500.0000 MHz	44K8G1W	34.70 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	46.80 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	37.80 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	44.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	42.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M55G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M36G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M16G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	41.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G7W	38.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	970KG7W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	776KG7W	47.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	679KG7W	46.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	582KG7W	45.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	485KG7W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		SCPC 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	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		SCPC 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	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: STL4009/10
LOCATION: 1.0 M. STL4009/10, (500 UNITS)

ANTENNA ID:	STL4009/10	1 meters	SEA TEL	4009/4010

14000.0000 - 14500.0000 MHz	89K6G1W	37.80 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	46.80 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	34.70 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G7W	38.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	970KG7W	48.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	47.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	679KG7W	46.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	582KG7W	45.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	485KG7W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	44.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	42.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	IM55G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M36G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M16G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	41.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		SCPC 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	2M60G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W	SCPC 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	2M60G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: STL5010
LOCATION: 1.2 M. STL5010, (500 UNITS)

ANTENNA ID: STL5010 1.2 meters SEA TEL 5010

14000.0000 - 14500.0000 MHz	97K0G7W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G1W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG1W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	41.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G1W	41.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	518KG7W	50.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	518KG1W	50.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	452KG7W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG1W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG1W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	417KG7W	49.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	417KG1W	49.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG1W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	345KG7W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	345KG1W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	296KG7W	47.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	296KG1W	47.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	47.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG1W	47.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	263KG7W	47.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	263KG1W	47.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	222KG7W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	222KG1W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	45.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	194KG1W	45.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	64K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	64K0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	45M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	45M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	64K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	64K0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: STL6009
LOCATION: 1.5 M. STL6009, (500 UNITS)

ANTENNA ID: STl6009 1.5 meters SEA TEL 6009

14000.0000 - 14500.0000 MHz	97K0G7W	44.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	44.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	81K0G7W	44.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	53.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	51.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	41.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	51.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	51.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	2M35G1W	53.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	49.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M43G1W	53.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	48.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	151KG7W	46.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	81K0G7W		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	2M35G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M43G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		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	2M35G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M43G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: INTLV110
LOCATION: 1.05 M. INTLV110, (500 UNITS)

ANTENNA ID: INTLV110 1.05 meters INTELLIAN V110

14000.0000 - 14500.0000 MHz	97K0G7W	39.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	970KG7W	49.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	48.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	679KG7W	47.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	37.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	582KG7W	47.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	485KG7W	46.30 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	388KG7W	45.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	44.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M55G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M36G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M16G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	42.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	717KG1W		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	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		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	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: STL4996T
LOCATION: 1.2 M. STL4996T, (50 UNITS)

ANTENNA ID: STL4996T 1.2 meters SEATEL 4996T

14000.0000 - 14500.0000 MHz	1M43G1W	51.10 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	36.10 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	48.10 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	39.10 dBW	SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M43G1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		SCPC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	717KG1W	SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M43G1W	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K5G1W	SCPC USING QPSK AND BPSK MODULATION

SITE ID: INTLV80G
LOCATION: 0.83 M. INTLV80G, (500 UNITS)

ANTENNA ID: INTLV80G 0.83 meters INTELLIAN V80G

14000.0000 - 14500.0000 MHz	97K0G7W	33.17 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	32.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	81K0G7W	32.47 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	41.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	39.87 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	445KG7W	39.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	39.27 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	38.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	36.27 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	151KG7W	35.17 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		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	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		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

SITE ID: STL30/3011
LOCATION: 0.75 M. STL30/3011, (500 UNITS)

ANTENNA ID: STL30/3011 0.75 meters SEA TEL usat-30/3011

14000.0000 - 14500.0000 MHz	768KG7W	40.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	768KG1W	40.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	512KG7W	38.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	512KG1W	38.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	4M10G7W	47.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	4M10G1W	47.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M58G7W	46.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	3M58G1W	46.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M07G7W	46.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M07G1W	46.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M56G7W	45.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M56G1W	45.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M05G7W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M05G1W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	256KG7W	35.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	256KG1W	35.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M79G7W	43.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M79G1W	43.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M54G7W	43.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M54G1W	43.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M28G7W	42.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M28G1W	42.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M02G7W	41.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M02G1W	41.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	128KG7W	32.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	128KG1W	32.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	45M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	45M0G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M00G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M00G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M00G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M00G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: T&TSAIL900
LOCATION: 1.0 M. T&TSAIL900, (500 UNITS)

ANTENNA ID: T&TSAIL900 1 meters THRANE & THRANE TT-7090A

14000.0000 - 14500.0000 MHz	97K0G7W	39.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	39.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	81K0G7W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	45.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M35G1W	53.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	291KG7W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M43G1W	51.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	151KG7W	41.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		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	2M35G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M43G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		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	2M35G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M43G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: STL9797
LOCATION: 2.4 M. STL9797, (500 UNITS)

ANTENNA ID: STL9797	2.4 meters	SEA TEL		9797
14000.0000 - 14500.0000 MHz	97K0G7W	48.25 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	89K6G1W	47.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	81K0G7W	47.55 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	717KG1W	56.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	452KG7W	54.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G1W	44.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	445KG7W	54.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	388KG7W	54.35 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	2M77G1W	62.85 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	2M35G1W	62.15 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	291KG7W	53.05 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	1M43G1W	59.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	194KG7W	51.35 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	151KG7W	50.25 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	717KG1W		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	2M77G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M35G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M43G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	81K0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W	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	2M77G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M35G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M43G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: INTLV60G
LOCATION: 0.6 M. INTLV60G, (500 UNITS)

ANTENNA ID: INTLV60G 0.6 meters INTELLIAN V60G

14000.0000 - 14500.0000 MHz	97K0G7W	29.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	29.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	81K0G7W	28.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	38.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	36.30 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	445KG7W	36.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	35.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	34.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	32.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	151KG7W	31.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		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	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		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

SITE ID: SAPA41KU

LOCATION: 7676 PINE GROVE (7.3M GD7.3MKu), VENTURE, SANTA PAULA, CA

34 ° 24 ' 9.59 " N LAT. 119 ° 4 ' 22.68 " W LONG.

ANTENNA ID: SAPA41KU 7.3 meters GENERAL DYNAMICS GD7.3MKU

14000.0000 - 14500.0000 MHz	54M0F7W	54.80 dBW	Digital Traffic Using Phase and Amplitude Modulation

14000.0000 - 14500.0000 MHz	54M0F1W	54.80 dBW	Digital Traffic Using Phase and Amplitude Modulation
14000.0000 - 14500.0000 MHz	54M0D7W	54.80 dBW	Digital Traffic Using Phase and Amplitude Modulation
14000.0000 - 14500.0000 MHz	54M0D1W	54.80 dBW	Digital Traffic Using Phase and Amplitude Modulation
14000.0000 - 14500.0000 MHz	32K0F7W	45.20 dBW	Digital Traffic Using Phase and Amplitude Modulation
14000.0000 - 14500.0000 MHz	32K0F1W	45.20 dBW	Digital Traffic Using Phase and Amplitude Modulation
14000.0000 - 14500.0000 MHz	32K0D7W	45.20 dBW	Digital Traffic Using Phase and Amplitude Modulation
14000.0000 - 14500.0000 MHz	32K0D1W	45.20 dBW	Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	54M0F7W	0.00 dBW	Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	54M0D7W		Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	54M0D1W		Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	32K0F7W		Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	32K0F1W		Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	32K0D7W		Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	32K0D1W		Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	54M0F1W		Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	54M0F7W		Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	54M0F1W		Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	54M0D1W		Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	32K0F7W		Digital Traffic Using Phase and Amplitude Modulation

10950.0000 - 11200.0000 MHz	32K0F1W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	32K0D7W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	32K0D1W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	54M0D7W	Digital Traffic Using Phase and Amplitude Modulation

Points of Communication:

INTLV110 - PERMITTED LIST - ()

INTLV60G - PERMITTED LIST - ()

INTLV80G - PERMITTED LIST - ()

SAPA15KU - EUTELSAT133WA(S3031) - (132.85)

SAPA15KU - EUTELSAT172B(S3021) - (172 E.L.)

SAPA15KU - EUTELSAT174A(S2610) - (174 E. L.)

SAPA15KU - PERMITTED LIST - ()

SAPA15KU - SES-11 (S2964) - (104.95 W.L)

SAPA41KU - EUTELSAT133WA(S3031) - (132.85)

SAPA41KU - EUTELSAT172B(S3021) - (172 E.L.)

SAPA41KU - EUTELSAT174A(S2610) - (174 E. L.)

SAPA41KU - PERMITTED LIST - ()

SAPA41KU - SES-11 (S2964) - (104.95 W.L)

STL30/3011 - PERMITTED LIST - ()

STL4003A - EUTELSAT174A(S2610) - (174 E. L.)

STL4003A - PERMITTED LIST - ()

STL4006 - PERMITTED LIST - ()

STL4009/10 - PERMITTED LIST - ()

STL4996T - PERMITTED LIST - ()

STL5010 - PERMITTED LIST - ()

STL6006 - EUTELSAT174A(S2610) - (174 E. L.)

STL6006 - PERMITTED LIST - ()

STL6009 - PERMITTED LIST - ()

STL9797 - PERMITTED LIST - ()

STLl5009 - PERMITTED LIST - ()

T&TSAIL900 - PERMITTED LIST - ()

SES-MOD-20230213-00159 E E181079 KQDS-TV Corp.
Application for Modification 06/27/2018 - 06/27/2033
Grant of Authority Date Effective: 03/27/2023

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2001 LONDON ROAD, St. Louis, Duluth, MN
46 ° 48 ' 14.97 " N LAT. 92 ° 47 ' 13.94 " W LONG.

ANTENNA ID: 1 3.1 meters PATRIOT PRT-310PLR

3700.0000 - 4200.0000 MHz

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20230125-00090 E E050249 Inmarsat Solutions US Inc.
Renewal 04/01/2023 - 04/01/2038
Grant of Authority Date Effective: 03/28/2023

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: Multiple
LOCATION: 6550 ROCK SPRING DRIVE 20,000 Inmarsat BGAN, Full Duplex METs, BETHESDA, MD

ANTENNA ID: HNS 0.35 meters Hughes Network Systems HNS Briefcase

1626.5000 - 1660.5000 MHz 50K0D7W 21.00 dBW 16-QAM Signaling

1626.5000 - 1660.5000 MHz 200KD7W 21.00 dBW 16-QAM BGAN

1525.0000 - 1559.0000 MHz 12K5G7W QPSK Signaling

1525.0000 - 1559.0000 MHz 50K0D7W 16-QAM Signaling

1525.0000 - 1559.0000 MHz 200KD7W 16-QAM BGAN

ANTENNA ID: T&T 0.21 meters Thrane and Thrane T&T Lite

1626.5000 - 1660.5000 MHz 50K0D7W 16.10 dBW 16-QAM Signaling

1525.0000 - 1559.0000 MHz	12K5G7W			QPSK Signaling
1525.0000 - 1559.0000 MHz	50K0D7W			16-QAM Signaling
1525.0000 - 1559.0000 MHz	200KD7W			16-QAM BGAN
1626.5000 - 1660.5000 MHz	200KD7W	16.10 dBW		16-QAM BGAN
ANTENNA ID: AddValue	0.2 meters	Add Value		Add Value PUT
1626.5000 - 1660.5000 MHz	25K0G7W	11.00 dBW		Pi/4 QPSK Signaling
1626.5000 - 1660.5000 MHz	200KG7W	11.00 dBW		Pi/4 QPSK BGAN
1525.0000 - 1559.0000 MHz	12K5G7W			QPSK Signaling
1525.0000 - 1559.0000 MHz	50K0G7W			QPSK Signaling
1525.0000 - 1559.0000 MHz	200KG7W			Pi/4 QPSK BGAN
ANTENNA ID: Nera	0.125 meters	NERA		NERA PUT
1626.5000 - 1660.5000 MHz	25K0G7W	11.00 dBW		Pi/4 QPSK Signaling
1626.5000 - 1660.5000 MHz	200KG7W	11.00 dBW		Pi/4 QPSK BGAN
1525.0000 - 1559.0000 MHz	12K5G7W			QPSK Signaling
1525.0000 - 1559.0000 MHz	50K0G7W			QPSK Signaling
1525.0000 - 1559.0000 MHz	200KG7W			Pi/4 QPSK BGAN
ANTENNA ID: HNS9202	0.2 meters	HUGHES		9202
1626.5000 - 1660.5000 MHz	50K0D7W	16.10 dBW		NULL
1525.0000 - 1559.0000 MHz	200KD7W	16.10 dBW		16-QAM BGAN
1525.0000 - 1559.0000 MHz	12K5G7W	16.10 dBW		QPSK SIGNALING
1525.0000 - 1559.0000 MHz	50K0D7W	16.10 dBW		16-QAM SIGNALING
1626.5000 - 1660.5000 MHz	200KD7W	16.10 dBW		16-QAM BGAN
ANTENNA ID: HNS9502	0.385 meters	HUGHES		9502
1626.5000 - 1660.5000 MHz	50K0D7W	16.10 dBW		NULL
1626.5000 - 1660.5000 MHz	200KD7W	16.10 dBW		16-QAM BGAN
1525.0000 - 1559.0000 MHz	200KD7W			16-QAM BGAN

1525.0000 - 1559.0000 MHz	12K5G7W	QPSK SIGNALING
1525.0000 - 1559.0000 MHz	50K0D7W	16-QAM SIGNALING

Points of Communication:

Multiple - ISAT List -

SES-RWL-20230317-00364 E E080050 Gray Television Licensee, LLC

Renewal 04/07/2023 - 04/07/2038

Grant of Authority Date Effective: 03/22/2023

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: (KVVU-TV), VARIOUS

ANTENNA ID: 1 1.2 meters SAT-LITE TECHNOLOGIES 1256

14000.0000 - 14500.0000 MHz	36M0G7W	62.30 dBW	PSK DIGITAL VIDEO WITH DIGITAL AUDIO/DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20230317-00365 E E980162 SES Space & Defense, Inc.

Renewal 05/08/2023 - 05/08/2038

Grant of Authority Date Effective: 03/22/2023

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1300 EISELE ROAD, N. STAR BOROUGH, FAIRBANKS, AK

64 ° 58 ' 24.90 " N LAT. 147 ° 30 ' 57.20 " W LONG.

ANTENNA ID: 1 9 meters VERTEX 9KPC

6173.0000 - 6425.0000 MHz	2M15G7D	67.60 dBW	ANGLE-MODULATED DIGITAL DATA
5946.0000 - 6102.0000 MHz	2M15G7D	67.60 dBW	ANGLE-MODULATED DIGITAL DATA
3700.0000 - 4200.0000 MHz	2M15G7D		ANGLE-MODULATED DIGITAL DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20230216-00183 E E220020 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Tumon, GU gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230302-00246 E E202162 Pacific Dataport Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, Pacific Dataport Inc. was granted special temporary authority for 60 days, beginning on March 30, 2023 through May 28, 2023, to operate its fixed earth station in Eagle Mountain, UT to provide telemetry, tracking and control (TT&C) functions for the Arcturus (S3092) satellite at the 163°W.L. orbital location at the 28.356 GHz (Earth-to-space), and 19.706 GHz (space-to-Earth) center frequencies.

Points of Communication:

SES-STA-20230314-00288 E E202179 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Wise, NC with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00294 E E202111 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Tionesta, CA (AKA Tulelake, CA) gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00296 E E201981 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Warren, MO with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00297 E E202125 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Vernon, UT with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00298 E E202007 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Springer, OK with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00301 E E202151 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Tracy City, TN (AKA Jasper) gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00302 E E202116 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Butte, MT gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00304 E E210051 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Broadview, IL (AKA Chicago, IL) gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00305 E E201415 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Boca Chica, TX with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00306 E E201998 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Sanderson, TX with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00307 E E210298 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Elbert, CO (AKA Denver, CO) gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00308 E E210060 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Sullivan, ME (AKA Hancock County, Maine) gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00309 E E201370 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Evanston, WY with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00310 E E210089 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Rolette, County, ND with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00311 E E202175 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Dumas, TX gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00312 E E202201 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Hamshire, TX with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00313 E E190724 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Greenville, PA gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00314 E E202115 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Robertsdale, AL gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00315 E E202152 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Gaffney, SC with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00316 E E202144 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Punta Gorda, FL with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00317 E E202122 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Roll, AZ with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00318 E E201194 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Beekmantown, NY gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00319 E E201995 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Cass County, ND (AKA Erie, ND) gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00320 E E210052 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Norcross, GA with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00321 E E201369 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Charleston, OR (AKA Bandon, OR) gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00323 E E190648 SpaceX Services, Inc.

Special Temporary Authority

Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Conrad, MT gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00324 E E210090 SpaceX Services, Inc.

Special Temporary Authority

Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Fairbanks, AK with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00328 E E210421 SpaceX Services, Inc.

Special Temporary Authority

Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Frederick, MD with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00329 E E210050 SpaceX Services, Inc.

Special Temporary Authority

Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Ft. Lauderdale, FL (AKA Miami) gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00330 E E201193 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Arbuckle, CA gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00338 E E202127 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Inman, KS gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00339 E E210043 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Hillman, MI (AKA Alcona County, MI) gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00340 E E202114 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Hitterdal, MN gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00341 E E210105 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in New Braunfels, TX with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00342 E E201763 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Nemaha, NE with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00343 E E201371 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Panaca, NV (AKA Caliente, NV) with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00344 E E201414 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in McGregor, TX with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00345 E E202202 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Marcell, MN (AKA Itasca County, MN) gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00348 E E210049 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Lawrence, KS with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00349 E E200453 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Kalama, WA gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00350 E E201990 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Manistique, MI with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00351 E E210116 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Kenansville, FL with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00352 E E190725 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/24/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Merrillan, WI gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00353 E E210059 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Lunenburg, VT with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00354 E E190649 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Loring, ME (AKA Limestone, ME) gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230314-00355 E E210102 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Ketchikan, AK with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00356 E E210002 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 23, 2023 through May 21, 2023, to operate its gateway earth station in Lockport, NY with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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-20230314-00357 E E202178 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/23/2023

Class of Station:

On March 23, 2023, SpaceX Services, Inc. ("SpaceX Services") was granted an additional 60-day STA, commencing March 23, 2023, through May 21, 2023, to continue to test its Mandale, NC (AKA Chapel Hill) gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20230316-00347 E Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 03/22/2023

Class of Station:

On March 22, 2023, Intelsat License LLC ("Intelsat"), was granted an additional 30-day STA, commencing March 23, 2023 through April 21, 2023, to temporarily operate a 1.03m, Cobham SAILOR 1000 XTR KU antenna and a 1.03m Cobham SAILOR 900 VSAT KU antenna in order to test new equipment and provide customer demonstrations in Fort Lauderdale, FL and Middletown, RI, respectively. These antennas will communicate with GEO satellites Horizons 2 (S2423) and Intelsat 37e (S2972) in the following frequency bands: 14200-14500 MHz (Earth-to-space) and 11700-12200 MHz (space-to-Earth).

Points of Communication:

SES-STA-20230321-00380 E E201989 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/27/2023

Class of Station:

On March 27, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on March 27, 2023 through May 25, 2023, to use its gateway earth station in Slope County, ND with the non-geostationary orbit (NGSO) satellites (S2983/S3018 and S3069) 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:

SURRENDER

SES-LIC-20130703-00570 E130122 Robb Murphy (d/b/a GRRM Productions)
License surrendered by letter filed on 3/26/2023

SES-LIC-20150220-00092 E150016 NBC Telemundo License LLC
License surrendered by letter filed on 3/27/2023

SES-MOD-20151028-00781 E150015 NBC Telemundo License LLC
License surrendered by letter filed on 3/27/2023

SES-REG-20181016-06288 E200955 NBC Telemundo License LLC
Registration surrendered by letter filed on 3/27/2023

SES-REG-20181016-06575 E201196 NBC Telemundo License LLC
Registration surrendered by letter filed on 3/27/2023

SES-RWL-20190621-00799 E040300 BFI Licenses, LLC
License surrendered by letter filed on 3/23/2023

SURRENDER

SES-RWL-20190904-01143	E940443	BFI Licenses, LLC
License surrendered by letter filed on 3/23/2023		
SES-RWL-20200221-00195	E950175	BFI Licenses, LLC
License surrendered by letter filed on 3/23/2023		
SES-RWL-20200221-00196	E950152	BFI Licenses, LLC
License surrendered by letter filed on 3/23/2023		
SES-RWL-20200813-00874	E050235	BFI Licenses, LLC
License surrendered by letter filed on 3/23/2023		
SES-RWL-20210715-01055	E960373	NBC Telemundo License LLC
License surrendered by letter filed on 3/27/2023		

For more information concerning this Notice, contact the Satellite Division at 418-0719.