



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01768

Wednesday July 22, 2015

Satellite Communications Services Information re: Actions Taken

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

SES-AMD-20150529-00314 E E150009 The Boeing Company
Amendment
Grant of Authority Date Effective: 07/21/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 8998 Tyndall Rd, Grant, Moses Lake, WA
47 ° 12 ' 0.09 " N LAT.

119 ° 17 ' 0.96 " W LONG.

ANTENNA ID:	1	3.8 meters	Viking	1
	14000.0000 - 14500.0000 MHz	32M4G7D	49.32 dBW	Angle-modulated, phase modulation; Data
	14000.0000 - 14500.0000 MHz	29M5G7D	49.32 dBW	Angle-modulated, phase modulation; Data
	14000.0000 - 14500.0000 MHz	24M3G7D	49.32 dBW	Angle-modulated, phase modulation; Data
	14000.0000 - 14500.0000 MHz	20M0G7D	49.32 dBW	Angle-modulated, phase modulation; Data
	14000.0000 - 14500.0000 MHz	11M9G7D	49.32 dBW	Angle-modulated, phase modulation; Data
	14000.0000 - 14500.0000 MHz	6M75G7D	49.32 dBW	Angle-modulated, phase modulation; Data
	14000.0000 - 14500.0000 MHz	3M40G7D	49.32 dBW	Angle-modulated, phase modulation; Data

11700.0000 - 12200.0000 MHz	32M4G7D	Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz	29M5G7D	Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz	24M3G7D	Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz	20M0G7D	Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz	11M9G7D	Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz	6M75G7D	Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz	3M40G7D	Angle-modulated, phase modulation; Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20150422-00254 E E150053 Production & Satellite Services, Inc.
 Application for Authority 07/16/2015 - 07/16/2030
 Grant of Authority Date Effective: 07/16/2015

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 4415 Wagon Trail Ave, Clark, Las Vegas, NV

ANTENNA ID: 1	3.7 meters	Andrew	3.7 Meter Tri-fold
5925.0000 - 6425.0000 MHz	36M0F3F	67.52 dBW	Analog Video w/ Associated Audio
5925.0000 - 6425.0000 MHz	36M0G7F	67.52 dBW	Digital Video w/ Associated Audio
5925.0000 - 6425.0000 MHz	4M00G7F	67.52 dBW	Digital Video w/ Associated Audio
3700.0000 - 4200.0000 MHz	36M0F3F		Analog Video w/ Associated Audio
3700.0000 - 4200.0000 MHz	36M0G7F		Digital Video w/ Associated Audio
3700.0000 - 4200.0000 MHz	4M00G7F		Digital Video w/ Associated Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20150501-00285 E E150009 The Boeing Company
 Application for Authority
 Grant of Authority

07/21/2015 - 07/21/2030
 Date Effective: 07/21/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 8998 Tyndall Rd L3, Grant, Moses Lake, WA
 47 ° 12 ' 0.09 " N LAT. 119 ° 17 ' 0.96 " W LONG.

ANTENNA ID:	1	3.8 meters	Viking	1	
14000.0000 - 14500.0000 MHz			3M40G7D	49.32 dBW	Angle-modulated, phase modulation; Data
14000.0000 - 14500.0000 MHz			6M75G7D	49.32 dBW	Angle-modulated, phase modulation; Data
14000.0000 - 14500.0000 MHz			11M9G7D	49.32 dBW	Angle-modulated, phase modulation; Data
14000.0000 - 14500.0000 MHz			20M0G7D	49.32 dBW	Angle-modulated, phase modulation; Data
14000.0000 - 14500.0000 MHz			24M3G7D	49.32 dBW	Angle-modulated, phase modulation; Data
14000.0000 - 14500.0000 MHz			29M5G7D	49.32 dBW	Angle-modulated, phase modulation; Data
14000.0000 - 14500.0000 MHz			32M4G7D	49.32 dBW	Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz			3M40G7D		Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz			6M75G7D		Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz			11M9G7D		Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz			20M0G7D		Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz			24M3G7D		Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz			29M5G7D		Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz			32M4G7D		Angle-modulated, phase modulation; Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MFS-20150130-00047 E WB36 Airbus DS SatCom Government, Inc.
Modification 10/22/2011 - 10/22/2026
Grant of Authority Date Effective: 07/17/2015

Class of Station: Other

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

SITE ID: SAT30/3011
LOCATION: 500 0.75M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	SAT30/3011	0.75 meters	SEA TEL	USAT30 & 3011
14000.0000 - 14500.0000 MHz	1M10G1W	41.80 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M10G7W	41.80 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	27.90 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	27.90 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 3612
LOCATION: 500 0.9M ESV KUBAND REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	3612	0.9 meters	SEA TEL	3612
14000.0000 - 14500.0000 MHz	5M00G7W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G1W	30.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G7W	30.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	5M00G1W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	54M0G1W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	

SITE ID: 4012
LOCATION: 500 1.06M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	4012	1.06 meters	SEA TEL	4012
14000.0000 - 14500.0000 MHz	5M00G7W	53.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G1W	35.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G7W	35.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	5M00G1W	53.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	

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

SITE ID: 4003

LOCATION: 500 1.0M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 4003 1 meters SEA TEL 4003

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

14000.0000 - 14500.0000 MHz	44K8G1W	34.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	51.07 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: TTSA900
LOCATION: 500 1.0M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURBY, CT

ANTENNA ID: TTSA900	1 meters	THRANE & THRANE	TT-7090A SAILOR 900
14000.0000 - 14500.0000 MHz	44K8G1W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	53.44 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G7W	53.44 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: INTV60G
LOCATION: 500 0.6M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURBY, CT

ANTENNA ID: INTV60G	0.6 meters	INTELLIAN	V60G
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14000.0000 - 14500.0000 MHz	1M20G1W	40.57 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	26.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	26.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M20G7W	40.57 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: INTV80G

LOCATION: 500 0.83M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTBURY, CT

ANTENNA ID:	INTV80G	0.83 meters	INTELLIAN	V80G
14000.0000 - 14500.0000 MHz	1M20G1W	44.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	1M20G7W	44.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	44K8G7W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	54M0G1W		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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	29.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	29.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: INTV110

LOCATION: 500 1.05M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	INTV110	1.05 meters	INTELLIAN	V110
	14000.0000 - 14500.0000 MHz	5M00G7W	53.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G7W	36.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G1W	36.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	5M00G1W	53.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 9707/97/11
LOCATION: 500 2.4M CBAND ESV REMOTES U.S. AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 9707/97/11	2.4 meters	SEA TEL	9707, 9797 & 9711
5925.0000 - 6425.0000 MHz	15M0G7W	64.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G7W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G1W	64.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 9711QORKU
LOCATION: 500 1.2M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 9711QORKU	1.2 meters	SEA TEL	9711QOR_KU
14000.0000 - 14500.0000 MHz	44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

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

SITE ID: 6006/9/12

LOCATION: 500 1.5M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	6006/9/12	1.5 meters	SEA TEL	6006, 6009 & 6012
14000.0000 - 14500.0000 MHz	44K8G7W		41.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	10M0G1W		58.38 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	10M0G7W		58.38 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W		41.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 9797/11KU
LOCATION: 500 2.4M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

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

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

SITE ID: INTV240
LOCATION: 500 2.4M CBAND ESV REMOTES U.S. AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: INTV240 2.4 meters INTELLIAN V240

5925.0000 - 6425.0000 MHz	15M0G7W	60.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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5925.0000 - 6425.0000 MHz	44K8G7W	43.83 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G1W	60.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	43.83 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: INTV240K

LOCATION: 500 2.4M KUBAND ESV REMOTES U.S. AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	INTV240K	2.4 meters	INTELLIAN	V240K
14000.0000 - 14500.0000 MHz	54M0G7W	66.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	15M0G7W	66.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G1W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G7W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	

11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 9711QORC
LOCATION: 500 2.4M CBAND ESV REMOTES U.S. AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 9711QORC	2.4 meters	SEA TEL	9711QORC
5925.0000 - 6425.0000 MHz	44K8G7W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G7W	64.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G1W	64.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 4006/9/10
LOCATION: 1000 1.0M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 4006/9/10	1 meters	SEA TEL	4006, 4009 & 4010
14000.0000 - 14500.0000 MHz	5M00G7W	51.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	34.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	34.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	51.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

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

SITE ID: 4996

LOCATION: 300 1.2M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	4996	1.2 meters	SEA TEL	4996
14000.0000 - 14500.0000 MHz	8M00G7W	54.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G1W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G7W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	8M00G1W	54.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	44K8G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		
11450.0000 - 12200.0000 MHz	54M0G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		
11450.0000 - 12200.0000 MHz	54M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		
10950.0000 - 11200.0000 MHz	54M0G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		
10950.0000 - 11200.0000 MHz	54M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		
11450.0000 - 12200.0000 MHz	44K8G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		

10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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SITE ID: 5009/10/12

LOCATION: 750 1.2M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

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

14000.0000 - 14500.0000 MHz	8M00G7W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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14000.0000 - 14500.0000 MHz	44K8G1W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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14000.0000 - 14500.0000 MHz	44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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14000.0000 - 14500.0000 MHz	8M00G1W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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SITE ID: TTSA900B

LOCATION: 500 1.03M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: TTSA900B 1.03 meters THRANE & THRANE TT-7090B SAILOR 900B

14000.0000 - 14500.0000 MHz	44K8G1W	35.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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14000.0000 - 14500.0000 MHz	44K8G7W	35.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: MITMVA120

LOCATION: 500 1.2M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: MITMVA120 1.2 meters MITSUBISHI MVA120

14000.0000 - 14500.0000 MHz	44K8G1W	44.22 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	44.22 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G7W	55.72 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	8M00G1W	55.72 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: SA1.2MFLY
LOCATION: 500 1.2M KUBAND VSAT REMOTES CONUS, ALASKA, HI AND US TERRITORIES, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: SA1.2MFLY	1.2 meters	SINAERO	SA-1.2FLY
14000.0000 - 14500.0000 MHz	10M0G1W	58.84 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	10M0G7W	58.84 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G1W	40.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	40.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	1M00G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	1M00G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	36M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: INTV100
LOCATION: 500 1.06M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY

ANTENNA ID: INTV100	1.06 meters	INTELLIAN	V100
14000.0000 - 14500.0000 MHz	44K8G1W	37.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	5M00G7W	52.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	37.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	52.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: INTV130

LOCATION: 500 1.25M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: INTV130 1.25 meters INTELLIAN V130

14000.0000 - 14500.0000 MHz	44K8G1W	39.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	54.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	39.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G7W	54.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: MITMVA60

LOCATION: 500 0.6M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN], SOUTHURY, CT

ANTENNA ID:	MITMVA60	0.6 meters	MITSUBISHI	MVA60
14000.0000 - 14500.0000 MHz	1M10G7W	46.34 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G1W	34.93 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	1M10G1W	46.34 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G7W	34.93 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	

11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
SITE ID: TTSA800A			
LOCATION: 500 0.83M KUBAND ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT			
ANTENNA ID: TTSA800A	0.83 meters	THRANE & THRANE	TT-7080A SAILOR 800A
14000.0000 - 14500.0000 MHz	44K8G7W	31.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	47.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	31.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G7W	47.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

Points of Communication:

- 3612 - PERMITTED LIST - ()
- 4003 - PERMITTED LIST - ()
- 4006/9/10 - PERMITTED LIST - ()
- 4012 - PERMITTED LIST - ()
- 4996 - PERMITTED LIST - ()

5009/10/12 - PERMITTED LIST - ()
6006/9/12 - PERMITTED LIST - ()
9707/97/11 - NSS 9 (S2756) - (177 W.L.)
9707/97/11 - PERMITTED LIST - ()
9707/97/11 - SES-4 (S2828) - (22.0 W.L.)
9711QORC - NSS 9 (S2756) - (177 W.L.)
9711QORC - PERMITTED LIST - ()
9711QORC - SES-4 (S2828) - (22.0 W.L.)
9711QORKU - PERMITTED LIST - ()
9797/11KU - PERMITTED LIST - ()
INTV100 - PERMITTED LIST - ()
INTV110 - PERMITTED LIST - ()
INTV130 - PERMITTED LIST - ()
INTV240 - NSS 9 (S2756) - (177 W.L.)
INTV240 - PERMITTED LIST - ()
INTV240 - SES-4 (S2828) - (22.0 W.L.)
INTV240K - PERMITTED LIST - ()
INTV60G - PERMITTED LIST - ()
INTV80G - PERMITTED LIST - ()
MITMVA120 - PERMITTED LIST - ()
MITMVA60 - PERMITTED LIST - ()
SA1.2MFLY - PERMITTED LIST - ()
SAT30/3011 - PERMITTED LIST - ()
TTSA800A - PERMITTED LIST - ()
TTSA900 - PERMITTED LIST - ()
TTSA900B - PERMITTED LIST - ()

SES-MOD-20150410-00212 E WB81
Application for Modification
Grant of Authority

Denali 20020, LLC

08/28/2011 - 08/28/2026

Date Effective: 07/15/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 100 EDSALL DRIVE, SUSSEX, VERNON, NJ

41 ° 12 ' 6.30 " N LAT.

74 ° 31 ' 34.60 " W LONG.

ANTENNA ID:	1	13 meters	E SYSTEMS	1	
6423.5000 - 6423.5000 MHz			3M00F3W	87.80 dBW	
6125.0000 - 6425.0000 MHz			36M0F8W	84.70 dBW	
6085.0000 - 6125.0000 MHz			36M0F8W	88.90 dBW	
5925.0000 - 6425.0000 MHz			17M6F7W	78.50 dBW	
5925.0000 - 6425.0000 MHz			215KF8W	71.20 dBW	
5925.0000 - 6425.0000 MHz			1M00F8W	80.40 dBW	FM, TT&C
5925.0000 - 6425.0000 MHz			215KG7W	71.50 dBW	PSK, VARIOUS DATA AND DIGITAL AUDIO
5925.0000 - 6425.0000 MHz			36M0G7W	83.70 dBW	PSK; DATA, MCPC DIGITAL VIDEO AND AUDIO
5925.0000 - 6085.0000 MHz			36M0F8W	84.70 dBW	
3700.0000 - 4200.0000 MHz			36M0F8W		
3700.0000 - 4200.0000 MHz			17M6F7W		
3700.0000 - 4200.0000 MHz			1M00F8W		TELEMETRY
3700.0000 - 4200.0000 MHz			215KG7W		PSK, VARIOUS DATA AND DIGITAL AUDIO
3700.0000 - 4200.0000 MHz			36M0G7W		PSK; DATA, MCPC DIGITAL VIDEO AND AUDIO
ANTENNA ID:	2	13.1 meters	VERTEX	13 KPC	
5925.0000 - 6085.0000 MHz			36M0F8W	89.30 dBW	VIDEO CARRIER
5925.0000 - 6425.0000 MHz			36M0F8W	89.30 dBW	VIDEO CARRIER
6085.0000 - 6125.0000 MHz			36M0F8W	89.30 dBW	VIDEO CARRIER
5925.0000 - 6085.0000 MHz			17M6F7W	89.30 dBW	DIGITAL DATA CARRIER
5925.0000 - 6425.0000 MHz			17M6F7W	89.30 dBW	DIGITAL DATA CARRIER

5925.0000 - 6425.0000 MHz	3M00G7W	82.80 dBW	DIGITAL DATA CARRIER
6085.0000 - 6125.0000 MHz	215KG7D	71.40 dBW	DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	36M0F8W		VIDEO CARRIER
5925.0000 - 6085.0000 MHz	215KG7D	71.40 dBW	DIGITAL DATA CARRIER
5925.0000 - 6085.0000 MHz	3M00G7W	82.80 dBW	DIGITAL DATA CARRIER
5925.0000 - 6425.0000 MHz	215KG7D	71.40 dBW	DIGITAL DATA CARRIER
6085.0000 - 6125.0000 MHz	17M6F7W	89.30 dBW	DIGITAL DATA CARRIER
6085.0000 - 6125.0000 MHz	3M00G7W	82.80 dBW	DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	215KG7D		DIGITAL DATA CARRIER
ANTENNA ID: 3	11 meters	SCIENTIFIC-ATLANTA	8007
5925.0000 - 6085.0000 MHz	36M0F8W	89.30 dBW	VIDEO CARRIER
5925.0000 - 6425.0000 MHz	36M0F8W	89.30 dBW	VIDEO CARRIER
6085.0000 - 6125.0000 MHz	36M0F8W	89.30 dBW	VIDEO CARRIER
6125.0000 - 6425.0000 MHz	36M0F8W	89.30 dBW	VIDEO CARRIER
5925.0000 - 6085.0000 MHz	17M6F7W	88.70 dBW	DIGITAL DATA CARRIER
5925.0000 - 6085.0000 MHz	3M00G7W	81.00 dBW	DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	215KG7D		DIGITAL DATA CARRIER
5925.0000 - 6085.0000 MHz	215KG7D	69.60 dBW	DIGITAL DATA CARRIER
5925.0000 - 6425.0000 MHz	17M6F7W	88.70 dBW	DIGITAL DATA CARRIER
5925.0000 - 6425.0000 MHz	215KG7D	81.00 dBW	DIGITAL DATA CARRIER
5925.0000 - 6425.0000 MHz	3M00G7W	81.90 dBW	DIGITAL DATA CARRIER
6085.0000 - 6125.0000 MHz	215KG7D	69.60 dBW	DIGITAL DATA CARRIER
6125.0000 - 6425.0000 MHz	17M6F7W	88.70 dBW	DIGITAL DATA CARRIER
6125.0000 - 6425.0000 MHz	215KG7D	69.60 dBW	DIGITAL DATA CARRIER
6125.0000 - 6425.0000 MHz	3M00G7W	81.00 dBW	DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	36M0F8W		VIDEO CARRIER

ANTENNA ID:	4	12 meters	ANDREW	ESA12-46
	6423.5000 - 6423.5000 MHz		3M00F3W	87.80 dBW
	6125.0000 - 6425.0000 MHz		36M0F8W	84.70 dBW
	6085.0000 - 6125.0000 MHz		36M0F8W	88.90 dBW
	5925.0000 - 6425.0000 MHz		17M6F7W	78.50 dBW
	5925.0000 - 6425.0000 MHz		215KF8W	71.20 dBW
	5925.0000 - 6085.0000 MHz		36M0F8W	84.70 dBW
	3700.0000 - 4200.0000 MHz		36M0F8W	
	3700.0000 - 4200.0000 MHz		17M6F7W	

ANTENNA ID:	5	11 meters	RSI SATCOM	1100C	
	5925.0000 - 6085.0000 MHz		36M0F8W	89.30 dBW	VIDEO CARRIER
	5925.0000 - 6425.0000 MHz		36M0F8W	84.04 dBW	VIDEO CARRIER
	6085.0000 - 6125.0000 MHz		36M0F8W	89.30 dBW	VIDEO CARRIER
	6125.0000 - 6425.0000 MHz		36M0F8W	89.30 dBW	VIDEO CARRIER
	5925.0000 - 6085.0000 MHz		17M6F7W	89.10 dBW	DIGITAL DATA CARRIER
	5925.0000 - 6085.0000 MHz		215KG7D	70.00 dBW	DIGITAL DATA CARRIER
	3700.0000 - 4200.0000 MHz		36M0F8W		VIDEO CARRIER
	5925.0000 - 6425.0000 MHz		17M6F7W	80.90 dBW	DIGITAL DATA CARRIER
	5925.0000 - 6085.0000 MHz		3M00G7W	81.40 dBW	DIGITAL DATA CARRIER
	5925.0000 - 6425.0000 MHz		215KG7D	61.80 dBW	DIGITAL DATA CARRIER
	6085.0000 - 6125.0000 MHz		215KG7D	70.00 dBW	DIGITAL DATA CARRIER
	6125.0000 - 6425.0000 MHz		17M6F7W	89.10 dBW	DIGITAL DATA CARRIER
	6125.0000 - 6425.0000 MHz		3M00G7W	81.40 dBW	DIGITAL DATA CARRIER
	3700.0000 - 4200.0000 MHz		125KF8W		DIGITAL DATA CARRIER
	5925.0000 - 6425.0000 MHz		3M00G7W	73.20 dBW	DIGITAL DATA CARRIER
	6125.0000 - 6425.0000 MHz		215KG7D	70.00 dBW	DIGITAL DATA CARRIER

ANTENNA ID:	6	13 meters	HARRIS	5270	
6423.5000 - 6423.5000 MHz			3M00F3W	87.80 dBW	
6125.0000 - 6425.0000 MHz			36M0F8W	84.70 dBW	
6085.0000 - 6125.0000 MHz			36M0F8W	88.90 dBW	
5925.0000 - 6425.0000 MHz			17M6F7W	78.50 dBW	
5925.0000 - 6425.0000 MHz			215KF8W	71.20 dBW	
5925.0000 - 6425.0000 MHz			1M00F8W	79.90 dBW	FM, TT&C COMMAND
5925.0000 - 6425.0000 MHz			215KG7W	71.00 dBW	PSK; DIGITAL DATA AND AUDIO
5925.0000 - 6425.0000 MHz			36M0G7W	83.20 dBW	PSK; DATA, MCPC DIGITAL VIDEO AND AUDIO
5925.0000 - 6085.0000 MHz			36M0F8W	84.70 dBW	
3700.0000 - 4200.0000 MHz			36M0F8W		
3700.0000 - 4200.0000 MHz			17M6F7W		
3700.0000 - 4200.0000 MHz			1M00F8W		TELEMETRY
3700.0000 - 4200.0000 MHz			215KG7W		PSK; DIGITAL DATA AND AUDIO
3700.0000 - 4200.0000 MHz			36M0G7W		PSK; DATA, MCPC DIGITAL VIDEO AND AUDIO

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20150513-00297 E E110141 NSSL Global LLC
 Application for Modification 07/05/2011 - 04/02/2022
 Grant of Authority Date Effective: 07/20/2015

Class of Station: VSAT Network

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

SITE ID: Remote 3
 LOCATION: (1.8M. VSAT), 50 UNITS, CONUS, US, AK, HI

ANTENNA ID:	R18	1.8 meters	PRODELIN CORPORATION	1184	
14000.0000 - 14500.0000 MHz			2M20G7W	52.50 dBW	DIGITAL, VIDEO, VOICE, AND DATA
14000.0000 - 14500.0000 MHz			4M50G7W	52.50 dBW	DIGITAL, VIDEO, VOICE, AND DATA

11700.0000 - 12200.0000 MHz	2M20G7W	DIGITAL, VIDEO, VOICE, AND DATA
11700.0000 - 12200.0000 MHz	4M50G7W	DIGITAL, VIDEO, VOICE, AND DATA

SITE ID: Jacksonville Site-2
 LOCATION: 4905 BELFORT ROAD, SUITE 145 (4.5M - HUB-4), DUVAL, JACKSONVILLE, FL
 30 ° 14 ' 44.00 " N LAT. 81 ° 34 ' 53.00 " W LONG.

ANTENNA ID: Hub4	4.5 meters	SHAANXI PROBECOM	K45T
14000.0000 - 14500.0000 MHz	2M20G7W	67.90 dBW	DIGITAL, VIDEO, VOICE, AND DATA
14000.0000 - 14500.0000 MHz	4M50G7W	71.00 dBW	DIGITAL, VIDEO, VOICE, AND DATA
14000.0000 - 14500.0000 MHz	5M34G7W	70.90 dBW	DIGITAL, VIDEO, VOICE, AND DATA
13750.0000 - 14000.0000 MHz	5M34G7W	70.90 dBW	DIGITAL, VIDEO, VOICE, AND DATA
11700.0000 - 12200.0000 MHz	2M20G7W	DIGITAL, VIDEO, VOICE, AND DATA	
11700.0000 - 12200.0000 MHz	4M50G7W	DIGITAL, VIDEO, VOICE, AND DATA	
11700.0000 - 12200.0000 MHz	5M34G7W	DIGITAL, VIDEO, VOICE, AND DATA	

SITE ID: ESV4
 LOCATION: (1.0M VSATESV), 150 UNITS GOM, CARIBBEAN SEA , AOC, POC

ANTENNA ID: 4ESV	1 meters	SEATEL	4006
14000.0000 - 14500.0000 MHz	2M20G7W	47.40 dBW	DIGITAL, VIDEO, VOICE, AND DATA
14000.0000 - 14500.0000 MHz	4M50G7W	47.40 dBW	DIGITAL, VIDEO, VOICE, AND DATA
14000.0000 - 14500.0000 MHz	5M34G7W	47.40 dBW	DIGITAL, VIDEO, VOICE, AND DATA
11700.0000 - 12200.0000 MHz	2M20G7W	0.00 dBW	DIGITAL, VIDEO, VOICE, AND DATA
11700.0000 - 12200.0000 MHz	4M50G7W	DIGITAL, VIDEO, VOICE, AND DATA	
11700.0000 - 12200.0000 MHz	5M34G7W	DIGITAL, VIDEO, VOICE, AND DATA	

SITE ID: ESV5
 LOCATION: (.6M VSATESV), 150 UNITS GOM, CARIBBEAN SEA , AOC, POC

ANTENNA ID: 5ESV	0.6 meters	SEATEL	2406
14000.0000 - 14500.0000 MHz	2M20G7W	40.20 dBW	DIGITAL, VIDEO, VOICE, AND DATA
14000.0000 - 14500.0000 MHz	4M50G7W	41.50 dBW	DIGITAL, VIDEO, VOICE, AND DATA
14000.0000 - 14500.0000 MHz	5M34G7W	41.50 dBW	DIGITAL, VIDEO, VOICE, AND DATA

11700.0000 - 12200.0000 MHz	2M20G7W	DIGITAL, VIDEO, VOICE, AND DATA
11700.0000 - 12200.0000 MHz	4M50G7W	DIGITAL, VIDEO, VOICE, AND DATA
11700.0000 - 12200.0000 MHz	5M34G7W	DIGITAL, VIDEO, VOICE, AND DATA

SITE ID: ESV6
LOCATION: (1.5M VSATESV), 150 UNITS GOM, CARIBBEAN SEA , AOC, POC

ANTENNA ID: 6ESV	1.5 meters	SEATEL	6009
14000.0000 - 14500.0000 MHz	2M20G7W	54.10 dBW	DIGITAL, VIDEO, VOICE, AND DATA
14000.0000 - 14500.0000 MHz	4M50G7W	54.10 dBW	DIGITAL, VIDEO, VOICE, AND DATA
14000.0000 - 14500.0000 MHz	5M34G7W	54.10 dBW	DIGITAL, VIDEO, VOICE, AND DATA
11700.0000 - 12200.0000 MHz	2M20G7W	DIGITAL, VIDEO, VOICE, AND DATA	
11700.0000 - 12200.0000 MHz	4M50G7W	DIGITAL, VIDEO, VOICE, AND DATA	
11700.0000 - 12200.0000 MHz	5M34G7W	DIGITAL, VIDEO, VOICE, AND DATA	

SITE ID: Remote 1
LOCATION: (1.0M. VSAT), 200 UNITS, CONUS, US, AK, HI

ANTENNA ID: R10	1 meters	PATRIOT ANTENNA SYS.	100KUG
14000.0000 - 14500.0000 MHz	2M20G7W	46.70 dBW	DIGITAL, VIDEO, VOICE, AND DATA
14000.0000 - 14500.0000 MHz	4M50G7W	46.70 dBW	DIGITAL, VIDEO, VOICE, AND DATA
11700.0000 - 12200.0000 MHz	2M20G7W	DIGITAL, VIDEO, VOICE, AND DATA	
11700.0000 - 12200.0000 MHz	4M50G7W	DIGITAL, VIDEO, VOICE, AND DATA	

SITE ID: Jacksonville Site-1
LOCATION: 4905 BELFORT ROAD, SUITE 145, (4.5M. HUB-1), DUVAL, JACKSONVILLE, FL
30 ° 14 ' 44.00 " N LAT. 81 ° 34 ' 53.00 " W LONG.

ANTENNA ID: Hub 1	4.5 meters	SHAANXI PROBECOM	K45T
14000.0000 - 14500.0000 MHz	2M20G7W	67.90 dBW	DIGITAL, VIDEO, VOICE, AND DATA
14000.0000 - 14500.0000 MHz	4M50G7W	71.00 dBW	DIGITAL, VIDEO, VOICE, AND DATA
11700.0000 - 12200.0000 MHz	2M20G7W	DIGITAL, VIDEO, VOICE, AND DATA	
11700.0000 - 12200.0000 MHz	4M50G7W	DIGITAL, VIDEO, VOICE, AND DATA	

SITE ID: Remote 2
LOCATION: (1.2M. VSAT), 200 UNITS, CONUS, US, AK, HI

ANTENNA ID:	R12	1.2 meters	PRODELIN CORPORATION	1123
	14000.0000 - 14500.0000 MHz	2M20G7W	48.00 dBW	DIGITAL, VIDEO, VOICE, AND DATA
	14000.0000 - 14500.0000 MHz	4M50G7W	48.00 dBW	DIGITAL, VIDEO, VOICE, AND DATA
	11700.0000 - 12200.0000 MHz	2M20G7W		DIGITAL, VIDEO, VOICE, AND DATA
	11700.0000 - 12200.0000 MHz	4M50G7W		DIGITAL, VIDEO, VOICE, AND DATA

SITE ID: ESV7
LOCATION: (1.0M VSATESV) (150 UNITS) GOM, CARIBBEAN SEA , AOC, POC

ANTENNA ID:	7ESV	1 meters	COBHAM	SAILOR 900
	14000.0000 - 14500.0000 MHz	2M20G7W	49.80 dBW	DIGITAL, VIDEO, VOICE, AND DATA
	14000.0000 - 14500.0000 MHz	4M50G7W	49.80 dBW	DIGITAL, VIDEO, VOICE, AND DATA
	14000.0000 - 14500.0000 MHz	5M34G7W	49.80 dBW	DIGITAL, VIDEO, VOICE, AND DATA
	11700.0000 - 12200.0000 MHz	2M20G7W		DIGITAL, VIDEO, VOICE, AND DATA
	11700.0000 - 12200.0000 MHz	4M50G7W		DIGITAL, VIDEO, VOICE, AND DATA
	11700.0000 - 12200.0000 MHz	5M34G7W		DIGITAL, VIDEO, VOICE, AND DATA

Points of Communication:

ESV4 - SES-4 (S2828) - (22.0 W.L.)
ESV4 - TELSTAR 11N (S2357) - (37.5 W.L.)
ESV5 - SES-4 (S2828) - (22.0 W.L.)
ESV5 - TELSTAR 11N (S2357) - (37.5 W.L.)
ESV6 - SES-4 (S2828) - (22.0 W.L.)
ESV6 - TELSTAR 11N (S2357) - (37.5 W.L.)
ESV7 - SES-4 (S2828) - (22.0 W.L.)
ESV7 - TELSTAR 11N (S2357) - (37.5 W.L.)
Jacksonville Site-1 - NSS-7 (S2854) - (20 W.L.)
Jacksonville Site-1 - PERMITTED LIST - ()
Jacksonville Site-2 - PERMITTED LIST - ()

Jacksonville Site-2 - TELSTAR 11N (S2357) - (37.5 W.L.)

Remote 1 - PERMITTED LIST - ()

Remote 1 - TELSTAR 11N (S2357) - (37.5 W.L.)

Remote 2 - NSS-7 (S2854) - (20 W.L.)

Remote 2 - PERMITTED LIST - ()

Remote 2 - TELSTAR 11N (S2357) - (37.5 W.L.)

Remote 3 - NSS-7 (S2854) - (20 W.L.)

Remote 3 - PERMITTED LIST - ()

Remote 3 - TELSTAR 11N (S2357) - (37.5 W.L.)

SES-MOD-20150527-00312 E E2218 Alascom, Inc.

Application for Modification

05/29/2011 - 05/29/2026

Grant of Authority

Date Effective: 07/15/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: UNNAMED STREET, CHIGNIK LAGOON, AK

56 ° 18 ' 35.00 " N LAT.

158 ° 32 ' 22.00 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA45-39239

5925.0000 - 6425.0000 MHz 28K4G7W 52.60 dBW VARIOUS PSK & QAM - DATA

3700.0000 - 4200.0000 MHz 28K4G7W 0.00 dBW VARIOUS PSK & QAM - DATA

3700.0000 - 4200.0000 MHz 6M67G7W VARIOUS PSK & QAM - DATA

5925.0000 - 6425.0000 MHz 6M67G7W 60.70 dBW VARIOUS PSK & QAM - DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20150612-00362 E E4132 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 07/14/2015

Class of Station:

On July 14, 2015, Intelsat License LLC was granted special temporary authority for a period of 30 days, beginning July 25, 2015, to operate its fixed earth station in Fillmore, CA, to provide launch and early orbit phase (LEOP) services to the GSAT-6 satellite, which is licensed by the Government of India. LEOP operations will be performed on the following center frequencies: 6415.00 MHz and 6423.496 MHz (Earth-to-space), and 4194.0 MHz and 4197.504 MHz (space-to-Earth).

Points of Communication:

SURRENDER

SES-RWL-20020617-00967 E920551 Falcon Video Communications, L.P.

Registration surrendered by letter filed May 14, 2015.

SES-RWL-20020820-01377 E4765 Falcon Cable Systems Co. II, LP

Registration surrendered by letter filed May 14, 2015.

SES-RWL-20101227-01635 KG54 CC VIII Operating, LLC

Registration surrendered by letter filed May 14, 2015.

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