



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
445 12th STREET S.W.  
WASHINGTON D.C. 20554

News media information 202-418-0500  
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Report No. SES-01971

Wednesday July 5, 2017

## 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.

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**SES-DBM-20170428-00490** E E969343 Federal Aviation Administration  
Database Entry Modification  
Grant of Authority Date Effective: 07/03/2017

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: MIDDLETON ISLAND, AK  
59 ° 25 ' 45.10 " N LAT. 146 ° 20 ' 23.20 " W LONG.

ANTENNA ID:	1	4.5 meters	SCIENTIFIC ATLANTA	8345	
	5925.0000 - 6425.0000 MHz		412KG7W	56.60 dBW	QPSK
	5925.0000 - 6425.0000 MHz		915KG7W	56.60 dBW	QPSK
	3700.0000 - 4200.0000 MHz		412KG7W		QPSK
	3700.0000 - 4200.0000 MHz		915KG7W		QPSK

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-LIC-20170321-00323** E E170086 Intelsat License LLC  
Application for Authority 06/28/2017 - 06/28/2032  
Grant of Authority Date Effective: 06/28/2017

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
 LOCATION: 2857 Fork Creek Church Road, Clayton, Ellenwood, GA  
 33 ° 39 ' 53.34 " N LAT. 85 ° 16 ' 25.59 " W LONG.

ANTENNA ID:	1	1.8 meters	Channel Master	Channel Master 1.8m	
	14000.0000 - 14500.0000 MHz		17M9G7W	59.89 dBW	Digital Data
	11700.0000 - 12200.0000 MHz		17M9G7W		Digital Data

**Points of Communication:**

- 1 - GALAXY 13 - (127 W.L.)
- 1 - GALAXY 17 (S2715) - (91 W.L.)
- 1 - PERMITTED LIST - ()

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**SES-MOD-20170407-00373** E WB36 Marlink, Inc.  
 Application for Modification 10/22/2011 - 10/22/2026  
 Grant of Authority Date Effective: 06/29/2017

**Class of Station:** Other

**Nature of Service:** Fixed Satellite Service, Other

SITE ID: 1  
 LOCATION: C-BAND REMOTE ESVS/US AND INTL WATERS 11707 S SAM HOUSTON PARKWAY W, SUITE A, HARRIS, HOUSTON, TX

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

	5925.0000 - 6425.0000 MHz	40M0G1W	64.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	5925.0000 - 6425.0000 MHz	40M0G7W	64.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID:	INTV240	2.4 meters	INTELLIAN	V240
	5925.0000 - 6425.0000 MHz	15M0G7W	60.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	5925.0000 - 6425.0000 MHz	44K8G7W	43.83 dBW	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	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
	5925.0000 - 6425.0000 MHz	40M0G1W	63.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	5925.0000 - 6425.0000 MHz	40M0G7W	63.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID:	9711QORC	2.4 meters	SEA TEL	9711QORC
	5925.0000 - 6425.0000 MHz	44K8G7W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	5925.0000 - 6425.0000 MHz	15M0G7W	64.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	5925.0000 - 6425.0000 MHz	44K8G1W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	5925.0000 - 6425.0000 MHz	15M0G1W	64.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	3700.0000 - 4200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

3700.0000 - 4200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	40M0G1W	64.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	40M0G7W	64.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: OR7-300C	2.2 meters	ORBIT		OCTRX7300C,7107C
5925.0000 - 6425.0000 MHz	15M0G7W	61.50 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	39.49 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G7W	39.49 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G1W	61.50 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G1W	0.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: INTV240MC	2.4 meters	INTELLIAN		V240M(C-BAND)
5925.0000 - 6425.0000 MHz	15M0G1W	63.91 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G7W	63.91 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	44.98 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G7W	44.98 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

3700.0000 - 4200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	40M0G1W	63.91 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	40M0G7W	63.91 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: ORAL-7108	2.4 meters	ORBIT		AL-7108(C-BAND)
5925.0000 - 6425.0000 MHz	44K8G7W	40.59 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	40.59 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G7W	60.90 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G1W	60.90 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W	0.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
SITE ID: 2				
LOCATION: KU-BAND REMOTE ESVS/US AND INTL WATERS 11707 S SAM HOUSTON PARKWAY W, SUITE A, HARRIS, HOUSTON, TX				
ANTENNA ID: SAT30/3011	0.75 meters	SEA TEL		USAT30 & 3011
14000.0000 - 14500.0000 MHz	1M10G1W	41.80 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M10G7W	41.80 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	27.90 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	27.90 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

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

10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: 4012	1.06 meters	SEA TEL		4012
14000.0000 - 14500.0000 MHz	5M00G7W	53.50 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	35.70 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	35.70 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	53.50 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	7M00G7W	53.50 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	7M00G7W	53.50 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: 4003	1 meters	SEA TEL		4003
14000.0000 - 14500.0000 MHz	44K8G7W	34.70 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G7W	51.07 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	44K8G1W	34.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	51.07 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: TTSA900	1 meters	THRANE & THRANE	TT-7090A SAILOR900
14000.0000 - 14500.0000 MHz	44K8G1W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	53.44 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G7W	53.44 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION



10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	7M00G1W	53.44 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	7M00G7W	53.44 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: INTV60G	0.6 meters	INTELLIAN		V60G
14000.0000 - 14500.0000 MHz	1M20G1W	40.57 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	26.30 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	26.30 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M20G7W	40.57 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: INTV80G	0.83 meters	INTELLIAN		V80G

14000.0000 - 14500.0000 MHz	1M20G1W	44.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M20G7W	44.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	29.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	29.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M10G1W	52.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M10G1W	52.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: INTV110	1.05 meters	INTELLIAN	V110
14000.0000 - 14500.0000 MHz	5M00G7W	53.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	36.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	36.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	53.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	7M00G7W	53.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	7M00G1W	53.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: 9711QORKU	1.2 meters	SEA TEL	9711QOR_KU
14000.0000 - 14500.0000 MHz	44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G7W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: 6006/9/12	1.5 meters	SEA TEL		6006, 6009, 6012
14000.0000 - 14500.0000 MHz	44K8G7W	41.60 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	10M0G1W	58.38 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	10M0G7W	58.38 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	41.60 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W	0.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G1W	65.39 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G7W	65.39 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: 9797/11KU	2.4 meters	SEA TEL		9797,9711,9711IMAKU

14000.0000 - 14500.0000 MHz	44K8G7W	44.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	15M0G1W	67.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	15M0G7W	67.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	44.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G1W	71.72 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G7W	71.72 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	44.99 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	44.99 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: INTV240K	2.4 meters	INTELLIAN	V240K
14000.0000 - 14500.0000 MHz	15M0G1W	66.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	15M0G7W	66.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	44K8G1W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G1W	70.38 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G7W	70.38 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: 4006/9/10	1 meters	SEA TEL	4006, 4009 & 4010
14000.0000 - 14500.0000 MHz	5M00G7W	51.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	34.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	34.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	51.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: 4996	1.2 meters	SEA TEL		4996
14000.0000 - 14500.0000 MHz	8M00G7W	54.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	39.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	39.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	54.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: 5009/10/12	1.2 meters	SEA TEL		5009, 5010, 5012

14000.0000 - 14500.0000 MHz	8M00G7W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: 900B/FV110	1.03 meters	THRANE & THRANE	900B 900VSATHP&FV110
14000.0000 - 14500.0000 MHz	44K8G1W	35.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	35.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION



11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	7M00G7W	53.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	7M00G1W	53.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: OR7-300K	2.1 meters	ORBIT	OCEANTRX7-300KU
14000.0000 - 14500.0000 MHz	15M0G7W	65.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	40.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	40.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	15M0G1W	65.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: ORAL-7103	1.2 meters	ORBIT		ORAL7103MKII-K
14000.0000 - 14500.0000 MHz	44K8G7W	35.40 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	57.90 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G7W	57.90 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	35.40 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: ORTR4-500	1.2 meters	ORBIT		OCEANTRX4-500KU
14000.0000 - 14500.0000 MHz	44K8G7W	34.61 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	57.13 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G7W	57.13 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	34.61 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: INTV65/65G	0.65 meters	INTELLIAN		V65, V65G
14000.0000 - 14500.0000 MHz	1M20G7W	40.37 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	26.09 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	26.09 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M20G1W	40.37 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W	0.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: MITMVA120	1.2 meters	MITSUBISHI		MVA120
14000.0000 - 14500.0000 MHz	44K8G1W	44.22 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	44.22 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G7W	55.72 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	55.72 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: INTV100	1.06 meters	INTELLIAN		V100
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
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

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
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	7M00G7W	54.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	7M00G1W	54.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: INTV130/G	1.25 meters	INTELLIAN	V130, V130G
14000.0000 - 14500.0000 MHz	44K8G1W	39.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	54.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	39.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G7W	54.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G1W	58.60 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G7W	58.60 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: MITMVA60	0.6 meters	MITSUBISHI		MVA60
14000.0000 - 14500.0000 MHz	1M10G7W	46.34 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	34.93 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M10G1W	46.34 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	34.93 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: 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
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
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M10G1W	47.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M10G7W	47.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: INTV240MK	2.4 meters	INTELLIAN	5V240M(KU-BAND)
14000.0000 - 14500.0000 MHz	15M0G1W	66.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	15M0G7W	66.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	44.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	44.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G1W	70.58 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G7W	70.58 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: INTV150	1.5 meters	INTELLIAN	V150
14000.0000 - 14500.0000 MHz	40M0G1W	64.86 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	40M0G7W	64.86 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	41.59 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	41.59 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



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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: 3  
LOCATION: KU-BAND REMOTE VSATS/CONUS, AK, HI, US&P 11707 S. SAM HOUSTON PARKWAY W, SUITE A, HARRIS, HOUSTON, TX

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		

**Points of Communication:**

- 1 - NSS 9 (S2756) - (177 W.L.)
  - 1 - PERMITTED LIST - ()
  - 1 - SES-4 (S2828) - (22.0 W.L.)
  - 2 - PERMITTED LIST - ()
  - 3 - PERMITTED LIST - ()
-

Application for Modification  
Grant of Authority

03/29/2006 - 03/29/2021  
Date Effective: 06/28/2017

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service, Other

SITE ID: GD3

LOCATION: 800 NORTH AMERICAN SKY BLVD., MARICOPA, GILBERT, AZ  
33 ° 21 ' 53.60 " N LAT. 111 ° 48 ' 53.10 " W LONG.

ANTENNA ID:	GD3	9.1 meters	VERTEX	9.1 METER
	17790.0000 - 17800.0000 MHz	800KG2D	84.70 dBW	Command Carrier (TT&C)
	17300.0000 - 17800.0000 MHz	24M0G7W	87.40 dBW	Digital Compressed Video
	17300.0000 - 17800.0000 MHz	1M50G2D	87.40 dBW	Command Carrier (TT&C)
	17300.0000 - 17310.0000 MHz	800KG2D	84.70 dBW	Command Carrier (TT&C)
	12690.0000 - 12700.0000 MHz	800KG2D		Telemetry Beacon (TT&C)
	12200.0000 - 12700.0000 MHz	24M0G7W		Digital Compressed Video
	12200.0000 - 12700.0000 MHz	300KG2D		Telemetry Beacon (TT&C)
	12200.0000 - 12210.0000 MHz	800KG2D		Telemetry Beacon (TT&C)

SITE ID: GD4

LOCATION: 800 NORTH AMERICAN SKY BLVD, MARICOPA, GILBERT, AZ  
33 ° 21 ' 53.60 " N LAT. 111 ° 48 ' 53.80 " W LONG.

ANTENNA ID:	GD4	9.1 meters	VERTEX	9.1 METER
	17790.0000 - 17800.0000 MHz	800KG2D	84.70 dBW	Command Carrier (TT&C)
	17300.0000 - 17800.0000 MHz	2M0G7W	87.40 dBW	Digital Compressed Video
	17300.0000 - 17800.0000 MHz	1M50G2D	87.40 dBW	Command Carrier (TT&C)
	17300.0000 - 17310.0000 MHz	800KG2D	84.70 dBW	Command Carrier (TT&C)
	12690.0000 - 12700.0000 MHz	800KG2D		Telemetry Beacon (TT&C)
	12200.0000 - 12700.0000 MHz	24M0G7W		Digital Compressed Video
	12200.0000 - 12700.0000 MHz	300KG2D		Telemetry Beacon (TT&C)
	12200.0000 - 12210.0000 MHz	800KG2D		Telemetry Beacon (TT&C)

**Points of Communication:**

GD3 - ECHOSTAR 10 - (110.2 W.L.)

GD3 - ECHOSTAR 7 - (119 W.L.)

GD3 - ECHOSTAR/DISH - ()

**SES-MOD-20170414-00528** E E080120 EchoStar Operating L.L.C.

Application for Modification

11/03/2008 - 11/03/2023

Grant of Authority

Date Effective: 06/28/2017

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service, Other

SITE ID: D1

LOCATION: 530 EchoStar Drive, Laramie, Cheyenne, WY

41 ° 7 ' 54.40 " N LAT.

104 ° 44 ' 12.40 " W LONG.

ANTENNA ID:	D1	9 meters	Vertex	9m
	17790.0000 - 17800.0000 MHz		800KG2D	78.10 dBW Telecommand
	17790.0000 - 17800.0000 MHz		1M50F3D	80.84 dBW Ranging Tones
	17790.0000 - 17800.0000 MHz		24M0G7W	86.50 dBW Digital Data and Compressed Video
	17300.0000 - 17310.0000 MHz		800KG2D	78.10 dBW Telecommand
	17300.0000 - 17310.0000 MHz		1M50F3D	80.84 dBW Ranging Tones
	12690.0000 - 12700.0000 MHz		800KG2D	0.00 dBW Telemetry
	12690.0000 - 12700.0000 MHz		1M50F3D	0.00 dBW Ranging Tones
	12210.0000 - 12700.0000 MHz		24M0G7W	0.00 dBW Digital Data and Compressed Video
	12200.0000 - 12210.0000 MHz		800KG2D	0.00 dBW Telemetry
	12200.0000 - 12210.0000 MHz		1M50F3D	0.00 dBW Ranging Tones

SITE ID: D2

LOCATION: 530 ECHOSTAR DRIVE, LARAMIE, CHEYENNE, WY

41 ° 7 ' 54.40 " N LAT.

104 ° 44 ' 13.10 " W LONG.

ANTENNA ID:	D2	9 meters	Vertex	9m
	17790.0000 - 17800.0000 MHz		800KG2D	78.10 dBW Telecommand
	17790.0000 - 17800.0000 MHz		1M50F3D	80.84 dBW Ranging Tones
	17300.0000 - 17800.0000 MHz		24M0G7W	86.50 dBW Digital Data and Compressed Video
	17300.0000 - 17310.0000 MHz		800KG2D	78.10 dBW Telecommand



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**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1  
LOCATION: KENT, WALKER, MI  
43 ° 0 ' 53.00 " N LAT. 85 ° 41 ' 9.00 " W LONG.

ANTENNA ID: 1 6.1 meters HARRIS 5241  
3700.0000 - 4200.0000 MHz 36000F9

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20170511-00545** E E020138 Cebridge Acquisition, L.P.  
Renewal 05/14/2017 - 05/14/2032  
Grant of Authority Date Effective: 06/29/2017

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1  
LOCATION: 4/10 MILE TO PARKHEIGHTS ROAD-WEST, SEMINOLE, SEMINOLE, OK  
35 ° 12 ' 57.00 " N LAT. 96 ° 39 ' 30.00 " W LONG.

ANTENNA ID: 1 3.2 meters PATRIOT 3.2 METER  
3700.0000 - 4200.0000 MHz 36M0F8F ANALOG VIDEO WITH ASSOCIATED  
SUBCARRIERS  
3700.0000 - 4200.0000 MHz 36M0G7F VIDEO COMPRESSED

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20170530-00605** E E020173 Gray Television Licensee, LLC  
Renewal 06/28/2017 - 06/28/2032  
Grant of Authority Date Effective: 06/29/2017

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1  
LOCATION: 2302 LAPEER ROAD, GENESEE, FLINT, MI  
43 ° 0 ' 30.00 " N LAT. 83 ° 39 ' 56.00 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA 45-4  
3700.0000 - 4200.0000 MHz 36M0F8F



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**SES-STA-20170424-00457** E E7541 Lockheed Martin Corporation

Special Temporary Authority  
Grant of Authority

Date Effective: 06/28/2017

**Class of Station:**

On June 28, 2017, Lockheed Martin Corporation was granted special temporary authority for 180 days, beginning June 30, 2017, to operate its fixed earth station in Carpentersville, NJ to provide telemetry, tracking and command (TT&C) services for the SES-15 (S2951) satellite at the 129.15° W. L. orbital location on center frequency band 13999.0 MHz (Earth-to-space).

**Points of Communication:**

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**SES-STA-20170614-00655** E E170091 SES Americom, Inc.

Special Temporary Authority  
Grant of Authority

Date Effective: 06/27/2017

**Class of Station:**

On June 27, 2017, SES Americom was granted special temporary authority for 60 days, beginning June 27, 2017, to operate a 1.6-meter temporary-fixed earth station with the SES-3 (S2892) satellite at the 103° W.L. orbital location in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands.

**Points of Communication:**

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**SES-STA-20170622-00671** E E030115 Hawaii Pacific Teleport, L.P.

Special Temporary Authority  
Grant of Authority

Date Effective: 06/29/2017

**Class of Station:**

On June 29, 2017, Hawaii Pacific Teleport, L.P. was granted special temporary authority for 60 days, beginning June 29, 2017, to operate its fixed earth station in Kapolei, HI to communicate with the Intelsat 19 (S2850) satellite at the 166° E.L. orbital location in the 14.0-14.5 GHz (Earth-to-space) and 12.25-12.70 GHz (space-to-Earth) frequency bands.

**Points of Communication:**

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**SES-STA-20170623-00676** E E120025 Kongsberg Satellite Services AS

Special Temporary Authority  
Grant of Authority

Date Effective: 06/29/2017

**Class of Station:**

On June 29, 2017, Kongsberg Satellite Services AS was granted special temporary authority for 60 days, beginning July 2, 2017, to relocate the remote control point of this fixed earth station in Fairbanks, AK from Terra Bella's headquarters in Mountain View, CA to KSAT's Tromso Network Operations Center in Tromso, Norway.

**Points of Communication:**

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**SES-STA-20170623-00679** E WB36 Marlink, Inc.

Special Temporary Authority  
Dismissed by Delegated Authority

Date Effective: 06/29/2017

**Class of Station:**

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Application requests for special temporary authority dismissed as moot. See IBFS File No. SES-MOD-20170407-00373 granted on June 29, 2017.

**Points of Communication:**

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**SES–STA–20170626–00686** E EchoStar Operating L.L.C.  
Special Temporary Authority  
Grant of Authority Date Effective: 06/30/2017

**Class of Station:**

On June 30, 2013, EchoStar Broadcasting Corporation was granted special temporary authority for 30 days, beginning July 3, 2017, to operate its Gilbert, AZ fixed earth station to provide telemetry, tracking, and command (TT&C) to the EchoStar 3 (S2741) satellite on center frequencies: 17.3015 GHz (Earth-to-space) and 12.201, 12.203 and 12.699 GHz (space-to-Earth), during its temporary move to, and operations at, 86.85° W.L.

**Points of Communication:**

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**SES–STA–20170626–00687** E EchoStar Operating L.L.C.  
Special Temporary Authority  
Grant of Authority Date Effective: 06/30/2017

**Class of Station:**

On June 30, 2013, EchoStar Broadcasting Corporation was granted special temporary authority for 30 days, beginning July 3, 2017, to operate its Blackhawk, SD fixed earth station to provide telemetry, tracking, and command (TT&C) to the EchoStar 3 (S2741) satellite on center frequencies: 17.3015 GHz (Earth-to-space) and 12.201, 12.203 and 12.699 GHz (space-to-Earth), during its temporary move to and operations at 86.85° W.L.

**Points of Communication:**

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**SES–STA–20170626–00688** E EchoStar Operating L.L.C.  
Special Temporary Authority  
Grant of Authority Date Effective: 06/30/2017

**Class of Station:**

On June 30, 2013, EchoStar Broadcasting Corporation was granted special temporary authority for 30 days, beginning July 3, 2017, to operate its Blackhawk, SD fixed earth station to provide telemetry, tracking, and command (TT&C) to the EchoStar 3 (S2741) satellite on center frequencies: 17.3015 GHz (Earth-to-space) and 12.201, 12.203 and 12.699 GHz (space-to-Earth), during its temporary move to and operations at 86.85° W.L.

**Points of Communication:**

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**SES–STA–20170626–00689** E KL92 Intelsat License LLC  
Special Temporary Authority  
Grant of Authority Date Effective: 06/29/2017

**Class of Station:**



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On June 29, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning July 2, 2017, to operate its fixed earth stations in Castle Rock, CO to provide telemetry, tracking, and command (TT&C) on center frequencies: 14000.50 MHz and 14494.50 MHz (Earth-to-space), and 11700.50 MHz and 11702.00 MHz (space-to-Earth) to the Intelsat 9 (S2380) satellite as it drifts from the 43.1° W.L. to the 29.5° W.L. orbital location.

**Points of Communication:**

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**SES–STA–20170627–00691** E E120126 AC BidCo LLC

Special Temporary Authority  
Grant of Authority

Date Effective: 06/28/2017

**Class of Station:**

On June 28, 2017, AC BidCo LLC was granted special temporary authority for 30 days, beginning June 28, 2017, to operate up to 100 0.24 meter AeroSat model HR6400 and up to 100 0.74 meter ThinKom, model 2KuAntenna earth stations aboard aircraft (ESAAs) with the AMC-4 satellite (S2135) at the 85° W.L. orbital location in the 14-14.5 GHz (Earth-to-space) and 11.45-11.7 GHz and 11.7-12.2 GHz (space-to-Earth) frequency bands.

**Points of Communication:**

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**SES–STA–20170629–00724** E E120106 AC BidCo LLC

Special Temporary Authority  
Grant of Authority

Date Effective: 06/30/2017

**Class of Station:**

On June 30, 2017, AC BidCo LLC was granted special temporary authority for 60 days, beginning July 3, 2017, to operate up to 100 0.24 meter AeroSat model HR6400 and up to 100 0.74 meter ThinKom, model 2KuAntenna earth stations aboard aircraft (ESAAs) with the AMC-6 satellite (S2135) at the 83° W.L. orbital location in the 14-14.5 GHz (Earth-to-space) and 11.45-11.7 GHz and 11.7-12.2 GHz (space-to-Earth) frequency bands.

**Points of Communication:**

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**SURRENDER**

**SES-LIC-20030404-00429** E030074 TURNER BROADCASTING SYSTEM INC

License surrendered by letter filed on June 29, 2017.

**SES-LIC-20040227-00301** E040118 CNN America, Inc.

License surrendered by letter filed on June 29, 2017.

**SES-LIC-20091020-01341** E090181 CNN America, Inc.

License surrendered by letter filed on June 29, 2017.

**SES-LIC-20160127-00099** E160016 SES Americom, Inc.

License surrendered by letter filed on June 27, 2017.

**SES-LIC-20160127-00100** E160017 SES Americom, Inc.

License surrendered by letter filed on June 27, 2017.

**SES-LIC-20160209-00122** E160020 SES Americom, Inc.

License surrendered by letter filed on June 27, 2017.

**SES-MOD-20070626-00868** E950363 CNN America, Inc.

License surrendered by letter filed on June 29, 2017.

**SES-MOD-20070626-00869** E940420 CNN America, Inc.

License surrendered by letter filed on June 29, 2017.

**SES-MOD-20150116-00019** E040208 CNN America, Inc.

License surrendered by letter filed on June 29, 2017.

**SES-MOD-20150819-00533** E040117 CNN America, Inc.

**SURRENDER**

License surrendered by letter filed on June 29, 2017.

**SES-RWL-20030711-00965**            E930204            TURNER BROADCASTING SYSTEM INC

License surrendered by letter filed on June 29, 2017.

**SES-RWL-20051017-01412**            E859951            CNN America, Inc.

License surrendered by letter filed on June 29, 2017.

**SES-RWL-20090527-00661**            E990281            TURNER BROADCASTING SYSTEM INC

License surrendered by letter filed on June 29, 2017.

**SES-RWL-20090710-00860**            E890835            CNN America, Inc.

License surrendered by letter filed on June 29, 2017.

**SES-RWL-20110913-01073**            E920013            TURNER BROADCASTING SYSTEM INC

License surrendered by letter filed on June 29, 2017.

**SES-RWL-20111221-01481**            E010289            CNN America, Inc.

License surrendered by letter filed on June 29, 2017.

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