



# PUBLIC NOTICE

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

News media information 202-418-0500  
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)  
TTY (202) 418-2555

Report No. SES-02048

Wednesday March 28, 2018

## 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-AFS-20171108-01238** E E140097 The Boeing Company  
Amendment  
Grant of Authority Date Effective: 03/20/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Earth Station Aboard Aircraft, Fixed Satellite Service

SITE ID: Aircraft

LOCATION: Operate up to 100 ESAA Terminals GLOBAL

0° 0' 0.00" N LAT.

0° 0' 0.00" W LONG.

ANTENNA ID:	BPA	0.381 meters	Boeing	Boeing Phased Array
14000.0000 - 14500.0000 MHz	420KG7D	31.70 dBW		Direct Sequence Spread Spectrum, O-QPSK
14000.0000 - 14500.0000 MHz	32M4G7D	50.60 dBW		Direct Sequence Spread Spectrum, O-QPSK
11450.0000 - 11700.0000 MHz	420KG7D	0.00 dBW		Direct Sequence Spread Spectrum, O-QPSK
11450.0000 - 11700.0000 MHz	32M4G7D	0.00 dBW		Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	420KG7D	0.00 dBW		Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	32M4G7D	0.00 dBW		Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	420KG7D	0.00 dBW		Direct Sequence Spread Spectrum, O-QPSK

	12200.0000 - 12750.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
ANTENNA ID:	Reflector	0.65 meters	Mitsubishi Electric Co.	Boeing Reflector Ant
	14000.0000 - 14500.0000 MHz	420KG7D	30.50 dBW	Direct Sequence Spread Spectrum, O-QPSK
	11450.0000 - 11700.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	11450.0000 - 11700.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	11700.0000 - 12200.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	11700.0000 - 12200.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	12200.0000 - 12750.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	12200.0000 - 12750.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	14000.0000 - 14500.0000 MHz	32M4G7D	46.70 dBW	Direct Sequence Spread Spectrum, O-QPSK
ANTENNA ID:	Tecom	0.65 meters	Tecom Industries, Inc.	KuStream 1500
	14000.0000 - 14500.0000 MHz	420KG7D	37.80 dBW	Direct Sequence Spread Spectrum, O-QPSK
	14000.0000 - 14500.0000 MHz	32M4G7D	44.80 dBW	Direct Sequence Spread Spectrum, O-QPSK
	11450.0000 - 11700.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	11450.0000 - 11700.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	11700.0000 - 12200.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	11700.0000 - 12200.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	12200.0000 - 12750.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	12200.0000 - 12750.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK

**Points of Communication:**

---

Aircraft - AMC-15 - (105 W.L.)

Aircraft - Eutelsat 10A (W2A) - (10.0 E.L.)

Aircraft - EUTELSAT 172A(S2610) - (174 E. L.)

Aircraft - Eutelsat 36B - (36 E.L.)

Aircraft - Eutelsat 7A - (7 E.L.)

Aircraft - Eutelsat113WA(S2695) - (113 W.L.)

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

Aircraft - GALAXY 17 (S2715) - (91 W.L.)

Aircraft - GALAXY 28 (S2160) - (89.0 W.L.)

Aircraft - INTEL 907 (S2411) - (27.5 W.L.)

Aircraft - INTELSAT 33e (S2939) - (60.0 E.L.)

Aircraft - SES-1 - (101.0 W.L.)

Aircraft - Superbird C2 - (144 E.L.)

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

---

**SES-ASG-20180206-00095** E E020243 Midwest Uplink, Inc.

Application for Consent to Assignment

Grant of Authority

Date Effective: 03/27/2018

**Current Licensee:** MIDWEST UPLINK, INC.

**FROM:** MIDWEST UPLINK, INC.

**TO:** IMS Productions, Inc.

No. of Station(s) listed: 1

---

**SES-ASG-20180321-00243** E E000329 iHeartMedia + Entertainment, Inc.

Application for Consent to Assignment

Grant of Authority

Date Effective: 03/27/2018

**Current Licensee:** iHeartMedia + Entertainment, Inc.

**FROM:** iHeartMedia + Entertainment, Inc.

**TO:** iHeartMedia + Entertainment, Inc., as debtor in possession

No. of Station(s) listed: 2

---

**SES-LIC-20180214-00113** E E180016 NBC Telemundo License LLC

Application for Authority

Grant of Authority

03/27/2018 - 03/27/2033

Date Effective: 03/27/2018

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION:

ANTENNA ID:	1	1.8 meters	AVL Technologies	1810K 4-Port
	14000.0000 - 14500.0000 MHz		2M00G7W	59.48 dBW
				Phase modulation with digital video, audio, and data
	14000.0000 - 14500.0000 MHz		36M0G7W	71.69 dBW
				Phase modulation with digital video, audio, and data

**Points of Communication:**

1 - PERMITTED LIST - ()

---

<b>SES-LIC-20180216-00125</b>	E	E180022	NBC Telemundo License LLC	03/27/2018 - 03/27/2033
Application for Authority				Date Effective: 03/27/2018
Grant of Authority				

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION:

ANTENNA ID:	1	1.8 meters	Vertex/RSI	1.8 SMK
	11700.0000 - 12200.0000 MHz		36M0G7W	Digital Video, Voice, and Data
	11700.0000 - 12200.0000 MHz		3M70G7W	Digital Video, Voice, and Data
	11700.0000 - 12200.0000 MHz		36M0F8W	Analog Video with Associated Audio Subcarriers
	14000.0000 - 14500.0000 MHz		36M0G7W	67.50 dBW
				Digital Video, Voice, and Data
	14000.0000 - 14500.0000 MHz		3M70G7W	62.20 dBW
				Digital Video, Voice, and Data
	14000.0000 - 14500.0000 MHz		36M0F8W	67.50 dBW
				Analog Video with Associated Audio Subcarriers

**Points of Communication:**

1 - PERMITTED LIST - ()

---

<b>SES-MFS-20170912-00997</b>	E	E140097	The Boeing Company	03/13/2015 - 03/13/2030
Modification				Date Effective: 03/20/2018
Grant of Authority				

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Earth Station Aboard Aircraft, Fixed Satellite Service

SITE ID: Aircraft

LOCATION: Operate up to 100 ESAA Terminals GLOBAL

0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	BPA	0.381 meters	Boeing	Boeing Phased Array
	14000.0000 - 14500.0000 MHz	420KG7D	31.70 dBW	Direct Sequence Spread Spectrum, O-QPSK
	14000.0000 - 14500.0000 MHz	32M4G7D	50.60 dBW	Direct Sequence Spread Spectrum, O-QPSK
	11450.0000 - 11700.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	11450.0000 - 11700.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	11700.0000 - 12200.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	11700.0000 - 12200.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	12200.0000 - 12750.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	12200.0000 - 12750.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
ANTENNA ID:	Reflector	0.65 meters	Mitsubishi Electric Co.	Boeing Reflector Ant
	14000.0000 - 14500.0000 MHz	420KG7D	30.50 dBW	Direct Sequence Spread Spectrum, O-QPSK
	11450.0000 - 11700.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	11450.0000 - 11700.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	11700.0000 - 12200.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	11700.0000 - 12200.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	12200.0000 - 12750.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	12200.0000 - 12750.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
	14000.0000 - 14500.0000 MHz	32M4G7D	46.70 dBW	Direct Sequence Spread Spectrum, O-QPSK
ANTENNA ID:	Tecom	0.65 meters	Tecom Industries, Inc.	KuStream 1500
	14000.0000 - 14500.0000 MHz	420KG7D	37.80 dBW	Direct Sequence Spread Spectrum, O-QPSK

---

14000.0000 - 14500.0000 MHz	32M4G7D	44.80 dBW	Direct Sequence Spread Spectrum, O-QPSK
11450.0000 - 11700.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11450.0000 - 11700.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK

**Points of Communication:**

Aircraft - AMC-15 - (105 W.L.)

Aircraft - Eutelsat 10A (W2A) - (10.0 E.L.)

Aircraft - EUTELSAT 172A(S2610) - (174 E. L.)

Aircraft - Eutelsat 36B - (36 E.L.)

Aircraft - Eutelsat 7A - (7 E.L.)

Aircraft - Eutelsat113WA(S2695) - (113 W.L.)

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

Aircraft - GALAXY 17 (S2715) - (91 W.L.)

Aircraft - GALAXY 28 (S2160) - (89.0 W.L.)

Aircraft - INTEL 907 (S2411) - (27.5 W.L.)

Aircraft - INTELSAT 33e (S2939) - (60.0 E.L.)

Aircraft - SES-1 - (101.0 W.L.)

Aircraft - Superbird C2 - (144 E.L.)

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

---

**SES-REG-20180215-00119**    E    E180020    KDTV License Partnership, G.P.  
 Registration  
 Grant of Authority

02/15/2018 - 02/15/2033  
 Date Effective:    03/27/2018

**Class of Station:**    Fixed Earth Stations

---

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1940 Zanker Rd, Santa Clara, San Jose, CA  
37 ° 22 ' 34.70 " N LAT.

121 ° 54 ' 37.70 " W LONG.

ANTENNA ID: 1                      4.5 meters                      Viasat                      ESA8345

3700.0000 - 4200.0000 MHz                      36M0G7W                      Digital video and data

**Points of Communication:**

1 - PERMITTED LIST - ()

---

**SES-REG-20180216-00134**    E E180025    Scripps Broadcasting Holdings LLC

Registration

02/16/2018 - 02/16/2033

Grant of Authority

Date Effective: 03/27/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 2330 West Grand, Greene, Springfield, MO  
37 ° 11 ' 47.70 " N LAT.

93 ° 19 ' 25.40 " W LONG.

ANTENNA ID: 1                      3.8 meters                      Norsat                      Patriot

3700.0000 - 4200.0000 MHz                      36M0G7W                      0.00 dBW                      Digital Multiplex Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

---

**SES-REG-20180219-00133**    E E180024    Community Educational Television, Inc.

Registration

02/19/2018 - 02/19/2033

Grant of Authority

Date Effective: 03/27/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 9712 Trinity Rd, Orange, Orange, TX  
30 ° 10 ' 39.70 " N LAT.

93 ° 54 ' 27.00 " W LONG.

ANTENNA ID: 1                      3.8 meters                      Challenger                      3.8M

3700.0000 - 4200.0000 MHz                      36M0F3F                      analog

3700.0000 - 4200.0000 MHz                      36M0G7W                      digital data: various FEC, data rates and modulation

---

**Points of Communication:**

1 - PERMITTED LIST - ()

---

**SES-REG-20180219-00135** E E180026 Community Educational Television, Inc.  
Registration 02/19/2018 - 02/19/2033  
Grant of Authority Date Effective: 03/27/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: Corner of Tamm Lane and Mill Road, Cameron, Primera, TX  
26 ° 13 ' 1.90 " N LAT. 97 ° 46 ' 47.80 " W LONG.

ANTENNA ID:	1	3.8 meters	Challenger	3.8M
	3700.0000 - 4200.0000 MHz		36M0F3F	Analog
	3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation

**Points of Communication:**

1 - PERMITTED LIST - ()

---

**SES-RWL-20180321-00251** E WA28 Comsat, Inc.  
Renewal 04/08/2018 - 04/08/2033  
Grant of Authority Date Effective: 03/23/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service, Feeder Link for Mobile Satellite Service, Mobile Satellite Service

SITE ID: 21CTTC/HUB  
LOCATION: 2120 RIVER ROAD (12.8M.)-C-BAND/L-BAND, NEW HAVEN, SOUTHURY, CT  
41 ° 27 ' 4.10 " N LAT. 73 ° 17 ' 20.87 " W LONG.

ANTENNA ID:	21CTTC	12.8 meters	PHILCO FORD	12.8M.
	5925.0000 - 6425.0000 MHz		36M0F8W 86.50 dBW	ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE

SITE ID: 21CNORM  
LOCATION: 2120 RIVER ROAD (12.8M.)-C-BAND, NEW HAVEN, SOUTHURY, CT  
41 ° 27 ' 4.10 " N LAT. 73 ° 17 ' 20.90 " W LONG.

ANTENNA ID:	21CNORM	12.8 meters	PHILCO FORD	12.8M.
	6454.4000 - 6456.6000 MHz		2M20G1D 80.70 dBW	BPSK SPREAD SPECTRUM DATA (NAVIGATION)
	6425.0000 - 6454.0000 MHz		7K50G1W 58.40 dBW	DIGITAL DATA



---

6425.0000 - 6454.0000 MHz	7K50G1E	62.20 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1D	59.10 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	60K0D1W	65.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1W	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1E	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1D	61.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	45K0G7D	66.00 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50G1D	65.70 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50F1D	58.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	20K0G1E	56.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	17K5G1D	61.40 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1X	61.20 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1W	59.70 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	100KG1X	60.80 dBW	DIGITAL DATA
6424.0000 - 6454.0000 MHz	34K0F3E	62.00 dBW	FM TELEPHONY COMPANDED AND UNCOMPANDED
6424.0000 - 6454.0000 MHz	NON	62.00 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
6424.0000 - 6454.0000 MHz	27K0F3W	62.00 dBW	FM9 ANALOG BROADCAST CARRIER
6424.0000 - 6454.0000 MHz	400KG1F	62.00 dBW	QPSK, DIGITAL VIDEO/DATA
6424.0000 - 6454.0000 MHz	40K0G1D	63.30 dBW	16 QAM DIGITAL TELEPHONY
6424.0000 - 6454.0000 MHz	5K60G1E	54.80 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	24K0G1E	61.10 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	5K60G1W	54.80 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	2M20G1D	62.00 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	2K40G7D	51.10 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	2K40G1D	51.10 dBW	BPSK, DATA/TDM

---

6424.0000 - 6454.0000 MHz	24K0G1W	61.10 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	132KG7D	62.00 dBW	BPSK, DATA/TDM
5927.0000 - 5927.0000 MHz	NON	53.30 dBW	TT&C RANGING CARRIER
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK SPREAD SPECTRUM DATA-NAVIGATION CLOSE LOOP
3600.0000 - 3629.0000 MHz	34K0F3E		FM TELEPHONY COMPANDED AND UNCOMPANDED
3600.0000 - 3629.0000 MHz	NON		UNMODULATED AFC PILOT (CLOSE LOOP)
3600.0000 - 3629.0000 MHz	40K0G1W		16 QAM, DIGITAL TELEPHONY
3600.0000 - 3629.0000 MHz	400KG1F		QPSK, DIGITAL VIDEO/DATA
3600.0000 - 3629.0000 MHz	5K60G1E		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	24K0G1E		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	5K60G1W		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	2K40G7D		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	24K0G1W		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	132KG7D		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	7K50G1W		DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1E		DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	60K0D1W		DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1W		DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1E		DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	45K0G7D		DIGITAL DATA

3600.0000 - 3629.0000 MHz	2K50G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50F1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1X	DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	17K5G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	10K0G1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	100KG1X	DIGITAL DATA
3600.0000 - 3629.0000 MHz	2M20G1D	BPSK, DATA
3600.0000 - 3629.0000 MHz	2K40G1D	BPSK, DATA

SITE ID: 1  
LOCATION: 2120 RIVER ROAD (12.8M.), NEW HAVEN, SOUTHURY, CT  
41 ° 27 ' 5.00 " N LAT. 73 ° 17 ' 21.00 " W LONG.

ANTENNA ID:	12.8M.	12.8 meters	PHILCO-FORD	42 FOOT
6454.4000 - 6456.6000 MHz		600HG1D	44.50 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz		600HG2D	44.50 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz		1K20G2D	44.50 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz		2K40G2D	44.50 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz		10K5G2F	44.50 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz		2M20G1D	78.00 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz		2M20G1D	82.30 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz		1K20G1D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz		600HG1D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz		600HG2D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz		1K20G2D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz		2K40G2D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz		10K5G2F	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz		2M20G1D	78.00 dBW	DIGITAL CARRIER

---

6425.0000 - 6454.0000 MHz	2M20G1D	82.30 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	100KG1X	60.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1W	59.70 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1X	61.20 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	17K5G1D	61.40 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	20K0G1E	56.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50F1D	58.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50G1D	65.70 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	45K0G7D	66.00 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1D	61.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1E	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1W	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	60K0D1W	65.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1D	59.10 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1E	62.20 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1W	58.40 dBW	DIGITAL DATA
6425.0000 - 6443.0000 MHz	6K00G1D		Feeder link for INMARSAT-B & M
6425.0000 - 6443.0000 MHz	12K0G3E		Feeder link for INMARSAT-B & M
6425.0000 - 6443.0000 MHz	12K0G1D		Feeder link for INMARSAT-B & M
6425.0000 - 6443.0000 MHz	7K50G3E		Feeder link for INMARSAT-B & M
6425.0000 - 6443.0000 MHz	4K00G3E		Feeder link for INMARSAT-B & M
6425.0000 - 6443.0000 MHz	4K00G1D		Feeder link for INMARSAT-B & M
6420.0000 - 6424.0000 MHz	6K00G1D		Feeder link for INMARSAT-B & M
6420.0000 - 6424.0000 MHz	12K0G3E		Feeder link for INMARSAT-B & M
6420.0000 - 6424.0000 MHz	12K0G1D		Feeder link for INMARSAT-B & M
6420.0000 - 6424.0000 MHz	7K50G3E		Feeder link for INMARSAT-B & M

6420.0000 - 6424.0000 MHz	4K00G3E		Feeder link for INMARSAT-B & M
6420.0000 - 6424.0000 MHz	4K00G1D		Feeder link for INMARSAT-B & M
6417.5000 - 6443.0000 MHz	600HG1D	65.00 dBW	Aeronautical Digital transmit channels
6417.5000 - 6443.0000 MHz	1K20G1D	65.00 dBW	Aeronautical Digital transmit channels
6417.5000 - 6443.0000 MHz	2K40G1D	65.00 dBW	Aeronautical Digital transmit channels
6417.5000 - 6443.0000 MHz	10K5G1E	69.20 dBW	Aeronautical Digital transmit channels
6417.5000 - 6440.0000 MHz	30K0F3E	77.00 dBW	STD A VOICE
6417.5000 - 6440.0000 MHz	1K20G1D	77.00 dBW	STD A Telex
6417.5000 - 6440.0000 MHz	600HG1D	77.00 dBW	STD-C Digital
6417.5000 - 6440.0000 MHz	1K20G1D	77.00 dBW	STD-C Digital
6417.5000 - 6440.0000 MHz	NON	77.00 dBW	PILOT
4195.0000 - 4199.0000 MHz	3K00G1D		Feeder link for INMARSAT-B & M
4195.0000 - 4199.0000 MHz	12K0G3E		Feeder link for INMARSAT-B & M
4195.0000 - 4199.0000 MHz	12K0G1D		Feeder link for INMARSAT-B & M
4195.0000 - 4199.0000 MHz	7K50G3E		Feeder link for INMARSAT-B & M
4195.0000 - 4199.0000 MHz	4K00G3E		Feeder link for INMARSAT-B & M
4195.0000 - 4199.0000 MHz	4K00G1D		Feeder link for INMARSAT-B & M
3600.0000 - 3629.0000 MHz	2M20G1D	0.00 dBW	DIGITAL CARRIER
3600.0000 - 3629.0000 MHz	100KG1X		DIGITAL DATA
3600.0000 - 3629.0000 MHz	10K0G1W		DIGITAL DATA
3600.0000 - 3629.0000 MHz	17K5G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1E		DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1X		DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50F1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	45K0G7D		DIGITAL DATA

---

3600.0000 - 3629.0000 MHz	5K00G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1E		DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1W		DIGITAL DATA
3600.0000 - 3629.0000 MHz	60K0D1W		DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1E		DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1W		DIGITAL DATA
3600.0000 - 3623.0000 MHz	3K00G1D		Feeder link for INMARSAT-B & M
3600.0000 - 3623.0000 MHz	12K0G3E		Feeder link for INMARSAT-B & M
3600.0000 - 3623.0000 MHz	120KG1D		Feeder link for INMARSAT-B & M
3600.0000 - 3623.0000 MHz	7K50G3E		Feeder link for INMARSAT-B & M
3600.0000 - 3623.0000 MHz	4K00G3E		Feeder link for INMARSAT-B & M
3600.0000 - 3623.0000 MHz	4K00G1D		Feeder link for INMARSAT-B & M
3600.0000 - 3623.0000 MHz	10K5G1E		AERO
3600.0000 - 3623.0000 MHz	1K20G1D		AERO
3600.0000 - 3623.0000 MHz	600HG1D		AERO
3600.0000 - 3623.0000 MHz	2K40G1D		AERO
3600.0000 - 3620.0000 MHz	30K0F3E		STD A VOICE
3600.0000 - 3620.0000 MHz	4K80G1D		STD A TELEX
3600.0000 - 3620.0000 MHz	NON		PILOT
3600.0000 - 3620.0000 MHz	1K20G1D		STD-C
3600.0000 - 3620.0000 MHz	600HG1D		STD-C
1626.5000 - 1660.5000 MHz	24K0F3E	36.00 dBW	ANALOG CARRIER
1626.5000 - 1660.5000 MHz	NON	31.00 dBW	PILOT
1626.5000 - 1660.5000 MHz	24K0G2D	36.00 dBW	DIGITAL CARRIER
1626.5000 - 1660.5000 MHz	1K20G1D	36.00 dBW	DIGITAL CARRIER

---

1626.5000 - 1660.5000 MHz	600HG1D	36.00 dBW	DIGITAL CARRIER
1626.5000 - 1660.5000 MHz	600HG2D	36.00 dBW	DIGITAL CARRIER
1626.5000 - 1660.5000 MHz	1K20G2D	36.00 dBW	DIGITAL CARRIER
1626.5000 - 1660.5000 MHz	10K5G2F	36.00 dBW	DIGITAL CARRIER
1626.5000 - 1649.5000 MHz	600HG1D	15.00 dBW	AERO
1626.5000 - 1649.5000 MHz	1K20G1D	18.00 dBW	AERO
1626.5000 - 1649.5000 MHz	2K40G1D	21.00 dBW	AERO
1626.5000 - 1649.5000 MHz	10K5G1E	31.20 dBW	AERO
1626.5000 - 1647.5000 MHz	30K0F3E	37.00 dBW	STD A VOICE
1626.5000 - 1647.5000 MHz	NON	37.00 dBW	PILOT
1626.5000 - 1647.5000 MHz	1K20G1D	16.00 dBW	STD-C
1626.5000 - 1647.5000 MHz	600HG1D	16.00 dBW	STD-C
1626.5000 - 1647.5000 MHz	4K80G1D	37.00 dBW	STD A TELEX
1574.4000 - 1576.6000 MHz	2K40G2D		DIGITAL CARRIER
1574.4000 - 1576.6000 MHz	1K20G1D		DIGITAL CARRIER
1574.4000 - 1576.6000 MHz	600HG1D		DIGITAL CARRIER
1574.4000 - 1576.6000 MHz	600HG2D		DIGITAL CARRIER
1574.4000 - 1576.6000 MHz	1K20G2D		DIGITAL CARRIER
1574.4000 - 1576.6000 MHz	10K5G2F		DIGITAL CARRIER
1530.0000 - 1548.0000 MHz	10K5G1E		AERO
1530.0000 - 1548.0000 MHz	2K40G1D		AERO
1530.0000 - 1548.0000 MHz	1K20G1D		AERO
1530.0000 - 1548.0000 MHz	600HG1D		AERO
1530.0000 - 1545.0000 MHz	30K0F3E		STD A VOICE
1530.0000 - 1545.0000 MHz	NON		PILOT
1530.0000 - 1545.0000 MHz	1K20G1D		STD A TELEX

1530.0000 - 1545.0000 MHz	1K20G1D		STD-C
1530.0000 - 1545.0000 MHz	600HG1D		STD-C
1525.0000 - 1559.0000 MHz	2K40G2D	0.00 dBW	DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	1K20G1D		DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	600HG1D		DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	600HG2D		DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	1K20G2D		DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	10K5G2F		DIGITAL CARRIER

SITE ID: 21LBAND

LOCATION: 2120 RIVER ROAD (12.8M.)-L-BAND, NEW HAVEN, SOUTHURY, CT

41 ° 27 ' 4.10 " N LAT.

73 ° 17 ' 20.97 " W LONG.

ANTENNA ID:	21LBAND	12.8 meters	PHILCO FORD	12.8M.
1626.5000 - 1660.5000 MHz	34K0F3E	36.00 dBW		TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED
1626.5000 - 1660.5000 MHz	NON	40.50 dBW		UNMODULATED AFC PILOT (CLOSE LOOP)
1626.5000 - 1660.5000 MHz	40K0G1W	48.20 dBW		TEST 16 QAM DIGITAL TELEPHONY
1626.5000 - 1660.5000 MHz	400KG1F	36.00 dBW		TEST QPSK DIGITAL VIDEO/DATA
1626.5000 - 1660.5000 MHz	5K60G1E	36.00 dBW		TEST QPSK, TELEPHONY
1626.5000 - 1660.5000 MHz	2K40G7D-	36.00 dBW		TEST BPSK, DATA/TDM
1626.5000 - 1660.5000 MHz	24K0G1E	36.00 dBW		TEST QPSK, TELEPHONY
1626.5000 - 1660.5000 MHz	5K60G1W	36.00 dBW		TEST QPSK, DATA/FAX
1626.5000 - 1660.5000 MHz	2K40G1W	36.00 dBW		TEST QPSK, DATA/FAX
1626.5000 - 1660.5000 MHz	132KG7D	36.00 dBW		TEST BPSK, DATA/TDM
1626.5000 - 1660.5000 MHz	2M20G1D	36.00 dBW		TEST BPSK, DATA
1626.5000 - 1660.5000 MHz	2K40G1D	36.00 dBW		TEST BPSK, DATA
1574.4000 - 1576.6000 MHz	2M20G1D			TEST BPSK SPREAD SPECTRUM DATA- CLOSE LOOP
1525.0000 - 1559.0000 MHz	34K0F3E			TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED



1525.0000 - 1559.0000 MHz	2M20G1D	TEST BPSK SPREAD SPECTRUM DATA- CLOSE LOOP
1525.0000 - 1559.0000 MHz	NON	UNMODULATED AFC PILOT (CLOSE LOOP)
1525.0000 - 1559.0000 MHz	40K0G1W	TEST 16 QAM DIGITAL TELEPHONY
1525.0000 - 1559.0000 MHz	400KG1F	TEST QPSK DIGITAL VIDEO/DATA
1525.0000 - 1559.0000 MHz	5K60G1E	TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	24K0G1E	TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	5K60G1W	TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	2K40G7D	TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	2K40G1W	TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	132KG7D	TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	2M20G1D	TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	2K40G1D	TEST BPSK, DATA

SITE ID: 23ACTTC  
LOCATION: 2120 RIVER ROAD (10.4M.)-C-BAND, NEW HAVEN, SOUTHURY, CT  
41 ° 27 ' 4.50 " N LAT. 73 ° 17 ' 21.50 " W LONG.

ANTENNA ID: 23ACTTC 10.4 meters PHILCO FORD 10.4M.

5925.0000 - 6425.0000 MHz	36M0F8W	86.50 dBW	TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
---------------------------	---------	-----------	--

SITE ID: 23ACNOR  
LOCATION: 2120 RIVER ROAD (10.4M.)-C-BAND, NEW HAVEN, SOUTHURY, CT  
41 ° 27 ' 4.50 " N LAT. 73 ° 17 ' 21.00 " W LONG.

ANTENNA ID: 23ACNOR 10.4 meters PHILCO FORD 10.4M.

6454.4000 - 6456.6000 MHz	2M20G1D	73.50 dBW	BPSK SPREAD SPECTRUM DATA (NAVIGATION)
6425.0000 - 6454.0000 MHz	7K50G1W	58.40 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1E	62.20 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1D	59.10 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	60K0D1W	65.90 dBW	DIGITAL DATA

---

6425.0000 - 6454.0000 MHz	5K00G1W	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1E	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1D	61.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	45K0G7D	66.00 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50G1D	65.70 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50F1D	58.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	20K0G1E	56.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	17K5G1D	61.40 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1X	61.20 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1W	59.70 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	100KG1X	60.80 dBW	DIGITAL DATA
6424.0000 - 6454.0000 MHz	34K0F3E	59.50 dBW	FM TELEPHONY COMPANDED AND UNCOMPANDED
6424.0000 - 6454.0000 MHz	27K0F3W	59.50 dBW	FM9 ANALOG BROADCAST CARRIER
6424.0000 - 6454.0000 MHz	400KG1F	59.50 dBW	QPSK, DIGITAL VIDEO/DATA
6424.0000 - 6454.0000 MHz	40K0G1W	60.80 dBW	16 QAM DIGITAL TELEPHONY
6424.0000 - 6454.0000 MHz	NON	59.50 dBW	UNMODULATED AFC PILOT
6424.0000 - 6454.0000 MHz	5K60G1E	53.20 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	24K0G1E	58.60 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	5K60G1W	52.30 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	2K40G7D	48.60 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	24K0G1W	58.60 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	132KG7D	59.50 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	2M20G1D	71.70 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	2K40G1D	48.60 dBW	BPSK, DATA
5927.0000 - 5927.0000 MHz	NON	50.80 dBW	TT&C RANGING CARRIER

---

3947.0000 - 3953.0000 MHz	131KG2D	PCM/PSK/BI-PHASE TRACKING BEACON
3700.0000 - 4200.0000 MHz	36M0F8W	TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3600.0000 - 3629.0000 MHz	34K0F3E	FM TELEPHONY COMPANDED AND UNCOMPANDED
3600.0000 - 3629.0000 MHz	2M20G1D	BPSK SPREAD SPECTRUM DATA (NAVIGATION)
3600.0000 - 3629.0000 MHz	400KG1F	QPSK, DIGITAL VIDEO/DATA
3600.0000 - 3629.0000 MHz	40K0G1W	16 QAM DIGITAL TELEPHONY
3600.0000 - 3629.0000 MHz	NON	UNMODULATED AFC PILOT
3600.0000 - 3629.0000 MHz	5K60G1E	QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	24K0G1E	QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	5K60G1W	QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	2K40G7D	BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	24K0G1W	QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	132KG7D	BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	7K50G1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	60K0D1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	45K0G7D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50F1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1X	DIGITAL DATA

3600.0000 - 3629.0000 MHz	20K0G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	17K5G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	10K0G1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	100KG1X	DIGITAL DATA
3600.0000 - 3629.0000 MHz	2M20G1D	BPSK, DATA
3600.0000 - 3629.0000 MHz	2K40G1D	BPSK, DATA

SITE ID: 23BLBAND  
LOCATION: 2120 RIVER ROAD (1.8M.)-BL-BAND, NEW HAVEN, SOUTHURRY, CT  
41 ° 27 ' 4.50 " N LAT. 73 ° 17 ' 21.80 " W LONG.

ANTENNA ID: 23BLBAND	1.8 meters	TRUE FOCUS	1.8M.
1626.5000 - 1660.5000 MHz	NON	27.20 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
1574.4000 - 1576.6000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA- CLOSE LOOP
1525.0000 - 1559.0000 MHz	34K0F3E		TEST FM, TELEPHONY COMPANDED AND UNCOMPANDED
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA- CLOSE LOOP
1525.0000 - 1559.0000 MHz	400KG1F		TEST QPSK, DIGITAL VIDEO/DATA
1525.0000 - 1559.0000 MHz	40K0G1W		TEST 16 QAM DIGITAL TELEPHONY
1525.0000 - 1559.0000 MHz	5K60G1E		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	24K0G1E		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	5K60G1W		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	2K40G7D		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	24K0G1W		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	132KG7D		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	NON		UNMODULATED AFC PILOT
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	2K40G1D		TEST BPSK, DATA

Points of Communication:

1 - INMARSAT 3F5 - (54 W.L.)

1 - INMARSAT 4F2 - (52.75)

1 - INMARSAT 4F3 - (98 W.L.)

1 - ISAT List -

21CNORM - INMARSAT 3F2 - (15.5 W.L.)

21CNORM - INMARSAT 3F5 - (54 W.L.)

21CNORM - INMARSAT 4F3 - (97.65 W.L.)

21CNORM - PERMITTED LIST - ()

21CTTC/HUB - INMARSAT 3F2 - (15.5 W.L.)

21CTTC/HUB - INMARSAT 3F5 - (54 W.L.)

21CTTC/HUB - INMARSAT 4F3 - (97.65 W.L.)

21CTTC/HUB - PERMITTED LIST - ()

21LBAND - ISAT List -

23ACNOR - INMARSAT 3F2 - (15.5 W.L.)

23ACNOR - INMARSAT 3F5 - (54 W.L.)

23ACNOR - PERMITTED LIST - ()

23ACTTC - INMARSAT 3F2 - (15.5 W.L.)

23ACTTC - INMARSAT 3F5 - (54 W.L.)

23ACTTC - INMARSAT 4F3 - (97.65 W.L.)

23ACTTC - PERMITTED LIST - ()

23BLBAND - ISAT List -

---

**SES-RWL-20180323-00268** E WK25 Bright House Networks, LLC

Renewal

04/29/2018 - 04/29/2033

Grant of Authority

Date Effective: 03/26/2018

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: WALTON, DEFUNIAK SPRINGS, FL

30 ° 43 ' 43.40 " N LAT.

86 ° 6 ' 16.90 " W LONG.

ANTENNA ID: 1

5 meters

RF SYSTEMS INC

807-6-5M

3700.0000 - 4200.0000 MHz

36000F9

---

**Points of Communication:**

1 - PERMITTED LIST - ()

---

**SES-RWL-20180326-00267** E WK28 Bright House Networks, LLC  
Renewal 04/29/2018 - 04/29/2033  
Grant of Authority Date Effective: 03/26/2018

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: CALHOUN, BLOUNTSTOWN, FL  
30 ° 27 ' 29.70 " N LAT. 85 ° 4 ' 0.70 " W LONG.

ANTENNA ID: 1 5 meters RF SYSTEMS INC. 807-6-5M  
3700.0000 - 4200.0000 MHz 36000F9

**Points of Communication:**

1 - PERMITTED LIST - ()

---

**SES-RWL-20180327-00274** E E030037 Nexstar Broadcasting, Inc.  
Renewal 05/01/2018 - 05/01/2033  
Grant of Authority Date Effective: 03/27/2018

**Class of Station:** Temporary Fixed Earth Station

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

SITE ID: 1  
LOCATION: 13 E. Washington St., Washington, Hagerstown, MD

ANTENNA ID: 1 1.2 meters AvL Technologies #1200 1.2m USA DSNG  
14000.0000 - 14500.0000 MHz 36M0G7W 65.26 dBW Compressed Digital Television (QPSK MPEG-2)  
14000.0000 - 14500.0000 MHz 16M0G7W 65.26 dBW Compressed Digital Television (QPSK MPEG-2)  
14000.0000 - 14500.0000 MHz 7M00G7W 61.93 dBW Compressed Digital Television (QPSK MPEG-2)

**Points of Communication:**

1 - PERMITTED LIST - ()

---

**SES-STA-20180119-00041** E E140097 The Boeing Company  
Special Temporary Authority  
Withdrawn Date Effective: 03/22/2018

**Class of Station:**

---

**Points of Communication:**

---

**SES–STA–20180220–00140** E E170039 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 03/26/2018

**Class of Station:**

On March 26, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning April 5, 2018, to operate its fixed earth station in Riverside, CA to provide launch and early orbit phase (LEOP) services for the Al Yah-3 satellite at the 20.0° W.L. orbital location on center frequencies: 29997.5 MHz, and 29999.5 MHz (Earth-to-space), and 20198.5 MHz and 20199.5 MHz (space-to-Earth).

---

**Points of Communication:**

---

**SES–STA–20180228–00172** E KA275 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 03/22/2018

**Class of Station:**

On March 22, 2018, Intelsat was granted special temporary authority for 30 days, beginning April 5, 2018, to use its fixed earth station in Hagerstown, MD to provide launch and early orbit phase (LEOP) services for the Bangabandhu-1 satellite at the 119.1° E.L. orbital location on center frequencies: 5850 MHz and 6425 MHz (Earth-to-space), and 3703.0 MHz and 4199.8 MHz (space-to-Earth).

---

**Points of Communication:**

---

**SES–STA–20180316–00230** E SES Americom, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 03/23/2018

**Class of Station:**

On March 23, 2018, SES Americom, Inc. was granted special temporary authority for 30 days, beginning March 25, 2018, to operate its fixed earth station in Pinehurst, NC to communicate with the SES-15 satellite at the 129.15° orbital location in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

---

**Points of Communication:**

---

**SES–T/C–20180321–00244** E E860028 Tennessee Radio Network

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 03/27/2018

**Current Licensee:** Tennessee Radio Network

**FROM:** iHeartMedia + Entertainment, Inc.

**TO:** iHeartMedia, Inc., as debtor in possession

No. of Station(s) listed: 1

---

**SES–T/C–20180321–00245** E E020025 Premiere Radio Networks

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 03/27/2018

**Current Licensee:** Premiere Radio Networks

**FROM:** iHeartMedia + Entertainment, Inc.

**TO:** iHeartMedia, Inc., as debtor in possession

No. of Station(s) listed: 1

---

---

**SES-T/C-20180321-00246** E E080092 Oklahoma News Network

Application for Consent to Transfer of Control  
Grant of Authority

Date Effective: 03/27/2018

**Current Licensee:** Oklahoma News Network

**FROM:** IHEARTMEDIA, INC.

**TO:** iHeartMedia, Inc., as debtor in possession

No. of Station(s) listed: 1

---

**SES-T/C-20180321-00247** E E930291 Florida's Radio Networks

Application for Consent to Transfer of Control  
Grant of Authority

Date Effective: 03/27/2018

**Current Licensee:** Florida's Radio Networks

**FROM:** IHEARTMEDIA, INC.

**TO:** iHeartMedia, Inc., as debtor in possession

No. of Station(s) listed: 1

---

**SURRENDER**

**SES-LIC-20030210-00147** E030035 Gray Television Licensee, LLC

License surrendered by letter filed on March 26, 2018.

**SES-RWL-20080123-00083** E980125 Washington State University

License surrendered by letter filed on March 21, 2018.

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