



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-02084

Wednesday August 1, 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-AMD-20171227-01389 E E170192 Astro Digital US, Inc.
Amendment
Grant of Authority Date Effective: 07/27/2018

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service

SITE ID: 1

LOCATION: 3171 Jay St. (T&C Operations Site), Santa Clara, Santa Clara, CA
37 ° 22 ' 48.00 " N LAT. 121 ° 57 ' 40.00 " W LONG.

ANTENNA ID:	UHF CMD	2.7 meters	M2 Antenna Systems, Inc.	402CP42
	402.8800 - 402.9200 MHz		40K0F1D 41.00 dBW	38.4 kbps GFSK Command Link
	402.5800 - 402.6200 MHz		40K0F1D 41.00 dBW	38.4 kbps GFSK Command Link
ANTENNA ID:	UHF TLM	2.7 meters	M2 Antenna Systems, Inc.	402CP42
	400.4800 - 400.5200 MHz		40K0F1D	38.4 kbps GFSK Telemetry Link
	400.1550 - 400.1950 MHz		40K0F1D	38.4 kbps GFSK Telemetry Link

Points of Communication:

1 - Landmapper-BC(S3014) - (NGSO)

SES-AMD-20180531-00907 E E180287 Fox Broadcasting Company
Amendment
Grant of Authority Date Effective: 07/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1261 Dublin Road, Franklin, Columbus, OH
39 ° 58 ' 32.40 " N LAT. 83 ° 3 ' 33.40 " W LONG.

ANTENNA ID: 1 4.5 meters Andrew Corporation ESA45-46A
3700.0000 - 4200.0000 MHz 36M0G7W digital data: various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20171017-01179 E E170192 Astro Digital US, Inc.
Application for Authority 07/27/2018 - 07/27/2033
Grant of Authority Date Effective: 07/27/2018

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service

SITE ID: 1
LOCATION: 3171 Jay St. (T&C Operations Site), Santa Clara, Santa Clara, CA
37 ° 22 ' 48.00 " N LAT. 121 ° 57 ' 40.00 " W LONG.

ANTENNA ID: UHF CMD 2.7 meters M2 Antenna Systems, Inc. 402CP42
402.8800 - 402.9200 MHz 40K0F1D 41.00 dBW 38.4 kbps GFSK Command Link
402.5800 - 402.6200 MHz 40K0F1D 41.00 dBW 38.4 kbps GFSK Command Link

ANTENNA ID: UHF TLM 2.7 meters M2 Antenna Systems, Inc. 402CP42
400.4800 - 400.5200 MHz 40K0F1D 38.4 kbps GFSK Telemetry Link
400.1550 - 400.1950 MHz 40K0F1D 38.4 kbps GFSK Telemetry Link

Points of Communication:

1 - Landmapper-BC(S3014) - (NGSO)

SES-LIC-20180601-01012 E E180569 NBC Telemundo License LLC
Application for Authority 07/30/2018 - 07/30/2033
Grant of Authority Date Effective: 07/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2350 West 117 Place, Miami-Dade, Miami, FL
25 ° 47 ' 40.60 " N LAT.

80 ° 23 ' 27.70 " W LONG.

ANTENNA ID: 1	3.8 meters	Prodelin	3.8
3700.0000 - 4200.0000 MHz	36M0G7W		Digital video, audio and data on phase modulated carriers
ANTENNA ID: 2	3.7 meters	General Dynamics	3.7 meter
3700.0000 - 4200.0000 MHz	36M0G7W		Digital video, audio and data on phase modulated carriers
ANTENNA ID: 3	4.8 meters	General Dynamics	4.8 meter
3700.0000 - 4200.0000 MHz	36M0G7W		Digital video, audio and data on phase modulated carriers
ANTENNA ID: 4	7.3 meters	General Dynamics	7.3 meter
3700.0000 - 4200.0000 MHz	36M0G7W		Digital video, audio and data on phase modulated carriers
ANTENNA ID: 5	4.8 meters	Vertex	4.8 KPC
3700.0000 - 4200.0000 MHz	36M0G7W		Digital video, audio and data on phase modulated carriers
5925.0000 - 6425.0000 MHz	36M0G7W	62.70 dBW	Digital video, audio and data on phase modulated carriers
ANTENNA ID: 6	3.8 meters	Vertex	3.8 meter
11450.0000 - 12200.0000 MHz	36M0G7W		Digital video, audio and data on phase modulated carriers
10950.0000 - 11200.0000 MHz	36M0G7W		Digital video, audio and data on phase modulated carriers
14000.0000 - 14500.0000 MHz	36M0G7W	71.50 dBW	Digital video, audio and data on phase modulated carriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20180724-01968 E E181214 UltiSat, Inc.
Application for Authority
Withdrawn

Date Effective: 07/26/2018

Class of Station: Other

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 708 Quince Orchard Rd., Suite 120, Gaithersburg, MD

ANTENNA ID:	1	0.45 meters	SkyTech	BB45
	14200.0000 - 14470.0000 MHz	20M0G7W	46.70 dBW	BPSK, QPSK
	11700.0000 - 12200.0000 MHz	30M0G7W		BPSK, QPSK

Points of Communication:

- 1 - AMC 21 - (124.9 W.L.)
- 1 - EUTELSAT115WB(S2938) - (114.9 W.L.)
- 1 - EUTELSAT117WA(S2873) - (116.8 W.L.)
- 1 - INTELSAT 29e (S2913) - (50.0 W.L.)
- 1 - PERMITTED LIST - ()
- 1 - SES-15 (S2951) - (129.15 W.L.)
- 1 - SES-2 (S2826) - (87 W.L.)
- 1 - SKY-B1(S2922) - (43.15 W.L.)

SES-MOD-20180220-00148 E E170121 Intelsat License LLC
Application for Modification 10/04/2017 - 10/04/2032
Grant of Authority Date Effective: 07/25/2018

Class of Station: Other

Nature of Service: Earth Station Aboard Aircraft, Fixed Satellite Service, Vehicle Mounted Earth Station

SITE ID: TECOM REMOTES
LOCATION: 2875 Fork Creek Church Road .65 METER, (1000 UNITS), Ellenwood, GA

ANTENNA ID:	TECOM	0.65 meters	TECOM	1500
	14000.0000 - 14500.0000 MHz	375KG7W	34.10 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	2M59G7W	42.50 dBW	Digital Data Services
	14000.0000 - 14250.0000 MHz	375KG7W	34.10 dBW	Digital Data Services
	14000.0000 - 14250.0000 MHz	2M59G7W	42.50 dBW	Digital Data Services
	12500.0000 - 12750.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
	12500.0000 - 12750.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services

12500.0000 - 12750.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
12250.0000 - 12750.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
12250.0000 - 12750.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
12250.0000 - 12750.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
12200.0000 - 12250.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
12200.0000 - 12250.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
12200.0000 - 12250.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
11700.0000 - 12200.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
11700.0000 - 12200.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
11700.0000 - 12200.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
11700.0000 - 11950.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
11700.0000 - 11950.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
11700.0000 - 11950.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
11450.0000 - 11950.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
11450.0000 - 11950.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
11450.0000 - 11950.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
11450.0000 - 11700.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
11450.0000 - 11700.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
11450.0000 - 11700.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services

SITE ID: RANTAC REMOTES
LOCATION: 2875 Fork Creek Church Road .46 METER, (1000 UNITS), Ellenwood, GA

ANTENNA ID:	Rantec	0.46 meters	Rantec Microwave Systems	Rantec SATCOM
14000.0000 - 14500.0000 MHz	375KG7W	30.60 dBW	Digital Data Services	
14000.0000 - 14500.0000 MHz	7M05G7W	43.40 dBW	Digital Data Services	

14000.0000 - 14250.0000 MHz	375KG7W	30.60 dBW	Digital Data Services
14000.0000 - 14250.0000 MHz	7M05G7W	43.40 dBW	Digital Data Services
12500.0000 - 12750.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
12500.0000 - 12750.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
12500.0000 - 12750.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
12250.0000 - 12750.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
12250.0000 - 12750.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
12250.0000 - 12750.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
12200.0000 - 12250.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
12200.0000 - 12250.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
12200.0000 - 12250.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
11700.0000 - 12200.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
11700.0000 - 12200.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
11700.0000 - 12200.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
11700.0000 - 11950.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
11700.0000 - 11950.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
11700.0000 - 11950.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
11450.0000 - 11950.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
11450.0000 - 11950.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
11450.0000 - 11950.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
11450.0000 - 11700.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
11450.0000 - 11700.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
11450.0000 - 11700.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services

SITE ID: HR129 REMOTES
LOCATION: 2875 FORK CREEK ROAD 0.29 METER (1000 UNITS), ELLENWOOD, GA

ANTENNA ID:	HR129	0.24 meters	ASTRONICS AEROS	HR129
	14000.0000 - 14250.0000 MHz	72M0G7W	40.20 dBW	Digital Data Services
	10950.0000 - 11200.0000 MHz	18M0G7W		Digital Data Services
	10950.0000 - 11200.0000 MHz	54M0G7W		Digital Data Services
	11450.0000 - 11700.0000 MHz	1M20G7W		Digital Data Services
	11450.0000 - 11950.0000 MHz	18M0G7W		Digital Data Services
	11450.0000 - 11950.0000 MHz	54M0G7W		Digital Data Services
	11700.0000 - 11950.0000 MHz	1M20G7W		Digital Data Services
	11700.0000 - 12200.0000 MHz	18M0G7W		Digital Data Services
	11700.0000 - 12200.0000 MHz	54M0G7W		Digital Data Services
	12200.0000 - 12250.0000 MHz	1M20G7W		Digital Data Services
	12250.0000 - 12750.0000 MHz	18M0G7W		Digital Data Services
	12250.0000 - 12750.0000 MHz	54M0G7W		Digital Data Services
	12500.0000 - 12750.0000 MHz	1M20G7W		Digital Data Services
	11700.0000 - 11950.0000 MHz	18M0G7W		Digital Data Services
	14000.0000 - 14250.0000 MHz	375KG7W	27.40 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	375KG7W	27.40 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	7M05G7W	40.20 dBW	Digital Data Services
	10950.0000 - 11200.0000 MHz	1M20G7W		Digital Data Services
	11450.0000 - 11700.0000 MHz	18M0G7W		Digital Data Services
	11450.0000 - 11700.0000 MHz	54M0G7W		Digital Data Services
	11450.0000 - 11950.0000 MHz	1M20G7W		Digital Data Services
	11700.0000 - 11950.0000 MHz	54M0G7W		Digital Data Services
	11700.0000 - 12200.0000 MHz	1M20G7W		Digital Data Services
	12200.0000 - 12250.0000 MHz	18M0G7W		Digital Data Services

12200.0000 - 12250.0000 MHz	54M0G7W	Digital Data Services
12250.0000 - 12750.0000 MHz	1M20G7W	Digital Data Services
12500.0000 - 12750.0000 MHz	18M0G7W	Digital Data Services
12500.0000 - 12750.0000 MHz	54M0G7W	Digital Data Services

SITE ID: HR6400 REMOTES
LOCATION: 2875 FORK CREEK ROAD 0.86 METER (1000 UNITS), ELLENWOOD, GA

ANTENNA ID:	HR6400	0.86 meters	ASTRONICS AEROSAT	HR6400
14000.0000 - 14250.0000 MHz	2M59G7W	42.00 dBW	Digital Data Services	
14000.0000 - 14500.0000 MHz	2M59G7W	42.00 dBW	Digital Data Services	
10950.0000 - 11200.0000 MHz	18M0G7W	Digital Data Services		
10950.0000 - 11200.0000 MHz	54M0G7W	Digital Data Services		
11450.0000 - 11700.0000 MHz	54M0G7W	Digital Data Services		
11450.0000 - 11950.0000 MHz	1M20G7W	Digital Data Services		
11700.0000 - 11950.0000 MHz	18M0G7W	Digital Data Services		
11700.0000 - 11950.0000 MHz	54M0G7W	Digital Data Services		
12200.0000 - 12250.0000 MHz	54M0G7W	Digital Data Services		
11700.0000 - 12200.0000 MHz	54M0G7W	Digital Data Services		
12200.0000 - 12250.0000 MHz	1M20G7W	Digital Data Services		
12250.0000 - 12750.0000 MHz	18M0G7W	Digital Data Services		
12250.0000 - 12750.0000 MHz	54M0G7W	Digital Data Services		
12500.0000 - 12750.0000 MHz	54M0G7W	Digital Data Services		
11450.0000 - 11700.0000 MHz	18M0G7W	Digital Data Services		
14000.0000 - 14250.0000 MHz	375KG7W	33.60 dBW	Digital Data Services	
14000.0000 - 14500.0000 MHz	375KG7W	33.60 dBW	Digital Data Services	
10950.0000 - 11200.0000 MHz	1M20G7W	Digital Data Services		
11450.0000 - 11700.0000 MHz	1M20G7W	Digital Data Services		
11450.0000 - 11950.0000 MHz	18M0G7W	Digital Data Services		

11450.0000 - 11950.0000 MHz	54M0G7W	Digital Data Services
11700.0000 - 11950.0000 MHz	1M20G7W	Digital Data Services
11700.0000 - 12200.0000 MHz	18M0G7W	Digital Data Services
11700.0000 - 12200.0000 MHz	1M20G7W	Digital Data Services
12200.0000 - 12250.0000 MHz	18M0G7W	Digital Data Services
12250.0000 - 12750.0000 MHz	1M20G7W	Digital Data Services
12500.0000 - 12750.0000 MHz	18M0G7W	Digital Data Services
12500.0000 - 12750.0000 MHz	1M20G7W	Digital Data Services

Points of Communication:

- HR129 REMOTES - GALAXY 19 (S2647) - (97 W.L.)
- HR129 REMOTES - HORIZONS 1 (S2475) - (127 WL)
- HR129 REMOTES - HORIZONS-3 (S2947) - (169 E.L.)
- HR129 REMOTES - INTELSAT 14 (S2785) - (45.0 W.L.)
- HR129 REMOTES - INTELSAT 17 (S2814) - (66 E.L.)
- HR129 REMOTES - INTELSAT 18 (S2817) - (180 E.L.)
- HR129 REMOTES - INTELSAT 19 (S2850) - (166.0 E.L.)
- HR129 REMOTES - INTELSAT 20 - (68.5 E.L.)
- HR129 REMOTES - INTELSAT 21 (S2863) - (58.0 W.L.)
- HR129 REMOTES - INTELSAT 22 - (72.1 E. L.)
- HR129 REMOTES - INTELSAT 23 - (53 W. L.)
- HR129 REMOTES - INTELSAT 29e (S2913) - (50.0 W.L.)
- HR129 REMOTES - INTELSAT 33e (S2939) - (60.0 E.L.)
- HR129 REMOTES - INTELSAT 34(S2915) - (55.5 W.L.)
- HR129 REMOTES - INTELSAT 35e(S2959) - (34.5 W.L.)
- HR129 REMOTES - INTELSAT 37e (S2972) - (18.0 W.L.)
- HR129 REMOTES - PERMITTED LIST - ()
- HR129 REMOTES - SKY-B1(S2922) - (43.15 W.L.)
- HR6400 REMOTES - GALAXY 19 (S2647) - (97 W.L.)

HR6400 REMOTES - HORIZONS 1 (S2475) - (127 WL)

HR6400 REMOTES - HORIZONS-3 (S2947) - (169 E.L.)

HR6400 REMOTES - INTELSAT 14 (S2785) - (45.0 W.L.)

HR6400 REMOTES - INTELSAT 17 (S2814) - (66 E.L.)

HR6400 REMOTES - INTELSAT 18 (S2817) - (180 E.L.)

HR6400 REMOTES - INTELSAT 19 (S2850) - (166.0 E.L.)

HR6400 REMOTES - INTELSAT 20 - (68.5 E.L.)

HR6400 REMOTES - INTELSAT 21 (S2863) - (58.0 W.L.)

HR6400 REMOTES - INTELSAT 22 - (72.1 E. L.)

HR6400 REMOTES - INTELSAT 23 - (53 W. L.)

HR6400 REMOTES - INTELSAT 29e (S2913) - (50.0 W.L.)

HR6400 REMOTES - INTELSAT 33e (S2939) - (60.0 E.L.)

HR6400 REMOTES - INTELSAT 34(S2915) - (55.5 W.L.)

HR6400 REMOTES - INTELSAT 35e(S2959) - (34.5 W.L.)

HR6400 REMOTES - INTELSAT 37e (S2972) - (18.0 W.L.)

HR6400 REMOTES - PERMITTED LIST - ()

HR6400 REMOTES - SKY-B1(S2922) - (43.15 W.L.)

RANTAC REMOTES - GALAXY 19 (S2647) - (97 W.L.)

RANTAC REMOTES - HORIZONS 1 (S2475) - (127 WL)

RANTAC REMOTES - HORIZONS-3 (S2947) - (169 E.L.)

RANTAC REMOTES - INTELSAT 14 (S2785) - (45.0 W.L.)

RANTAC REMOTES - INTELSAT 17 (S2814) - (66 E.L.)

RANTAC REMOTES - INTELSAT 18 (S2817) - (180 E.L.)

RANTAC REMOTES - INTELSAT 19 (S2850) - (166.0 E.L.)

RANTAC REMOTES - INTELSAT 20 - (68.5 E.L.)

RANTAC REMOTES - INTELSAT 21 (S2863) - (58.0 W.L.)

RANTAC REMOTES - INTELSAT 22 - (72.1 E. L.)

RANTAC REMOTES - INTELSAT 23 - (53 W. L.)

RANTAC REMOTES - INTELSAT 29e (S2913) - (50.0 W.L.)

RANTAC REMOTES - INTELSAT 33e (S2939) - (60.0 E.L.)

RANTAC REMOTES - INTELSAT 34(S2915) - (55.5 W.L.)

RANTAC REMOTES - INTELSAT 35e(S2959) - (34.5 W.L.)

RANTAC REMOTES - INTELSAT 37e (S2972) - (18.0 W.L.)

RANTAC REMOTES - PERMITTED LIST - ()

RANTAC REMOTES - SKY-B1(S2922) - (43.15 W.L.)

TECOM REMOTES - GALAXY 19 (S2647) - (97 W.L.)

TECOM REMOTES - HORIZONS 1 (S2475) - (127 WL)

TECOM REMOTES - HORIZONS-3 (S2947) - (169 E.L.)

TECOM REMOTES - INTELSAT 14 (S2785) - (45.0 W.L.)

TECOM REMOTES - INTELSAT 17 (S2814) - (66 E.L.)

TECOM REMOTES - INTELSAT 18 (S2817) - (180 E.L.)

TECOM REMOTES - INTELSAT 19 (S2850) - (166.0 E.L.)

TECOM REMOTES - INTELSAT 20 - (68.5 E.L.)

TECOM REMOTES - INTELSAT 21 (S2863) - (58.0 W.L.)

TECOM REMOTES - INTELSAT 22 - (72.1 E. L.)

TECOM REMOTES - INTELSAT 23 - (53 W. L.)

TECOM REMOTES - INTELSAT 29e (S2913) - (50.0 W.L.)

TECOM REMOTES - INTELSAT 33e (S2939) - (60.0 E.L.)

TECOM REMOTES - INTELSAT 34(S2915) - (55.5 W.L.)

TECOM REMOTES - INTELSAT 35e(S2959) - (34.5 W.L.)

TECOM REMOTES - INTELSAT 37e (S2972) - (18.0 W.L.)

TECOM REMOTES - PERMITTED LIST - ()

TECOM REMOTES - SKY-B1(S2922) - (43.15 W.L.)

SES-MOD-20180601-01090 E E000464 Fox Broadcasting Company

Application for Modification

07/28/2010 - 07/28/2025

Grant of Authority

Date Effective: 07/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 560 WOOTEN ROAD, EL PASO, COLORADO SPRINGS, CO

38 ° 50 ' 28.00 " N LAT.

104 ° 44 ' 22.60 " W LONG.

ANTENNA ID:	1	4.5 meters	ESA45-46A	5 M
	3700.0000 - 4200.0000 MHz		36M0F8F	video carrier
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180601-01091	E E000601	Fox Broadcasting Company	09/19/2010 - 09/19/2025
Application for Modification			Date Effective: 07/25/2018
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 1999 SOUTH BUNDY DRIVE, LOS ANGELES, LOS ANGELES, CA
 34 ° 1 ' 59.00 " N LAT. 118 ° 27 ' 27.30 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		36M0F8F	video carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180601-01092	E E100145	Fox Broadcasting Company	12/16/2010 - 12/16/2025
Application for Modification			Date Effective: 07/25/2018
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: GRANT YODER, SAN DIEGO, SAN DIEGO, CA
 32 ° 49 ' 35.00 " N LAT. 117 ° 9 ' 41.10 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0F8F	video carrier
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, modulations and data rates

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180601-01093 E E000503 Fox Broadcasting Company
Application for Modification 08/17/2010 - 08/17/2025
Grant of Authority Date Effective: 07/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2 JACK LONDON SQUARE, ALAMEDA, OAKLAND, CA
37 ° 47 ' 28.70 " N LAT. 122 ° 16 ' 10.90 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		36M0F8F	video carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180601-01094 E E100165 Fox Broadcasting Company
Application for Modification 12/16/2010 - 12/16/2025
Grant of Authority Date Effective: 07/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 100 E. SPEER BOULEVARD, DENVER, DENVER, CO
39 ° 43 ' 28.80 " N LAT. 104 ° 59 ' 9.20 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		36M0F8F	video carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180601-01095 E E000466 Fox Broadcasting Company
Application for Modification 07/28/2010 - 07/28/2025
Grant of Authority Date Effective: 07/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 345 HILLCREST MANOR, MESA, GRAND JUNCTION, CO
39 ° 5 ' 15.90 " N LAT. 108 ° 34 ' 1.30 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA45-46A
3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations
and data rates
3700.0000 - 4200.0000 MHz 36M0F8F video carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180601-01108 E E000535 Fox Broadcasting Company
Application for Modification 08/21/2010 - 08/21/2025
Grant of Authority Date Effective: 07/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 11700 CENTRAL PARKWAY, DUVAL, JACKSONVILLE, FL
30 ° 16 ' 51.40 " N LAT. 81 ° 30 ' 50.10 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORP. ESA45-46A
3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations
and data rates
3700.0000 - 4200.0000 MHz 36M0F8F video carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180601-01109 E E000447 Fox Broadcasting Company
Application for Modification 07/28/2010 - 07/28/2025
Grant of Authority Date Effective: 07/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4023 FLEUR DRIVE, POLK, DES MOINES, IA
41 ° 32 ' 49.50 " N LAT. 93 ° 38 ' 34.80 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA45-46A
3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations
and data rates

3700.0000 - 4200.0000 MHz 36M0F8F video carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180601-01110 E E000548 Fox Broadcasting Company 08/21/2010 - 08/21/2025
Application for Modification Date Effective: 07/25/2018
Grant of Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3933 WASHINGTON ROAD, RICHMOND, AUGUSTA, GA
 33 ° 30 ' 39.50 " N LAT. 82 ° 6 ' 0.90 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA45-46A

3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations
and data rates

3700.0000 - 4200.0000 MHz 36M0F8F video carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180601-01111 E E000534 Fox Broadcasting Company 08/21/2010 - 08/21/2025
Application for Modification Date Effective: 07/25/2018
Grant of Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 621 SW PINE ISLAND ROAD, LEE, FT. MYERS, FL
 26 ° 38 ' 50.60 " N LAT. 81 ° 59 ' 17.60 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA45-46A

3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations
and data rates

3700.0000 - 4200.0000 MHz 36M0F8F video carrier

Points of Communication:

1 - PERMITTED LIST - ()

SITE ID: 1
LOCATION: 33 EAST MARKET STREET, STEUBEN, CORNING, NY
42 ° 8 ' 36.10 " N LAT. 77 ° 3 ' 10.90 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA45-46A
3700.0000 - 4200.0000 MHz 36M0F8F video carrier
3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations and data rates

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180604-01174 E E000443 Fox Broadcasting Company
Application for Modification 07/28/2010 - 07/28/2025
Grant of Authority Date Effective: 07/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5800 SOUTH. MARGINAL ROAD, CAYAHOGA, CLEVELAND, OH
41 ° 31 ' 48.20 " N LAT. 81 ° 38 ' 58.50 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORP. ESA45-46A
3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations and data rates
3700.0000 - 4200.0000 MHz 36M0F8F video carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180604-01178 E E000424 Fox Broadcasting Company
Application for Modification 07/28/2010 - 07/28/2025
Grant of Authority Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3130 EAST BROADWAY AVENUE, BURLEIGH, BISMARCK, ND
46 ° 48 ' 23.50 " N LAT. 100 ° 44 ' 39.50 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORP. ESA45-46A
3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations and data rates

3700.0000 - 4200.0000 MHz

36M0F8F

ANAVideo carrierLOG VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180604-01182 E E100186 Fox Broadcasting Company

Application for Modification

12/17/2010 - 12/17/2025

Grant of Authority

Date Effective: 07/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 371 TARGET INDUSTRIAL CIRCLE, PENOBSCOT, BANGOR, ME

44 ° 47 ' 19.70 " N LAT.

68 ° 49 ' 30.70 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA45-46A

3700.0000 - 4200.0000 MHz 36M0F8F video carrier

3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations and data rates

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180604-01185 E E100168 Fox Broadcasting Company

Application for Modification

12/16/2010 - 12/16/2025

Grant of Authority

Date Effective: 07/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 11358 VIKING DRIVE, HENNEPIN, EDEN PRAIRIE, MN

44 ° 51 ' 51.20 " N LAT.

93 ° 25 ' 13.80 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA45-46A

3700.0000 - 4200.0000 MHz 36M0F8F video carrier

3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations and data rates

Points of Communication:

1 - PERMITTED LIST - ()

SITE ID: 1
LOCATION: 1228 EAST WILSHIRE BLVD., OKLAHOMA, OKLAHOMA CITY, OK
35 ° 32 ' 58.20 " N LAT. 97 ° 29 ' 25.10 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORP. ESA45-46A
3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations
and data rates
3700.0000 - 4200.0000 MHz 36M0F8F video carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180606-01189 E E000555 Fox Broadcasting Company
Application for Modification 08/21/2010 - 08/21/2025
Grant of Authority Date Effective: 07/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1181 HIGHWAY 315, LUZERNE, WILKES-BARRE, PA
41 ° 15 ' 37.50 " N LAT. 75 ° 49 ' 4.50 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORP. ESA45-46A
3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations
and data rates
3700.0000 - 4200.0000 MHz 36M0F8F video carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180620-01754 E E030156 BAE Systems Technology Solutions & Services Inc.
Application for Modification 10/14/2003 - 10/14/2018
Grant of Authority Date Effective: 07/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

This minor modification was filed to correct Site and Applicant contact information pursuant to the Commission's Public Notice, DA 17-1127, dated November 21, 2017.

SITE ID: 1
LOCATION: 500 CENTER STREET, BUILDING 409, HONOLULU, WAHIAWA, HI
21 ° 31 ' 15.20 " N LAT. 157 ° 59 ' 41.60 " W LONG.

ANTENNA ID: C-BAND 16.4 meters VERTEX 16.4 KPC

6409.0000 - 6425.0000 MHz	210KG1D	73.50 dBW	DIGITAL DATA CARRIER
6409.0000 - 6425.0000 MHz	35M5G1D	87.40 dBW	DIGITAL DATA CARRIER
6147.0000 - 6356.0000 MHz	210KG1D	73.50 dBW	DIGITAL DATA CARRIER
6147.0000 - 6356.0000 MHz	35M5G1D	87.40 dBW	DIGITAL DATA CARRIER
6028.0000 - 6114.0000 MHz	210KG1D	73.50 dBW	DIGITAL DATA CARRIER
6028.0000 - 6114.0000 MHz	35M5G1D	87.40 dBW	DIGITAL DATA CARRIER
5991.0000 - 5995.0000 MHz	35M5G1D	87.40 dBW	DIGITAL DATA CARRIER
5991.0000 - 5995.0000 MHz	210KG1D	73.50 dBW	DIGITAL DATA CARRIER
5961.0000 - 5995.0000 MHz	35M5G1D	83.40 dBW	DIGITAL DATA CARRIER
5961.0000 - 5995.0000 MHz	210KG1D	61.10 dBW	DIGITAL DATA CARRIER
5925.0000 - 5930.0000 MHz	35M5G1D	87.40 dBW	DIGITAL DATA CARRIER
5925.0000 - 5930.0000 MHz	210KG1D	73.50 dBW	DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	35M5G1D		DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	210KG1D		DIGITAL DATA CARRIER

ANTENNA ID: KUBAND 9 meters VERTEX 9 KPK

14000.0000 - 14500.0000 MHz	35M5G1D	84.57 dBW	DIGITAL DATA CARRIER
14000.0000 - 14500.0000 MHz	210KG1D	63.30 dBW	DIGITAL DATA CARRIER
11450.0000 - 12200.0000 MHz	35M5G1D		DIGITAL DATA CARRIER
11450.0000 - 12200.0000 MHz	210KG1D		DIGITAL DATA CARRIER
10950.0000 - 11200.0000 MHz	35M5G1D		DIGITAL DATA CARRIER
10950.0000 - 11200.0000 MHz	210KG1D		DIGITAL DATA CARRIER

Points of Communication:

1 - INTELSAT POR - (176.0 E.L.)

1 - PERMITTED LIST - ()

SES-REG-20180501-00468 E E180161 Video Voice, Inc.
 Registration
 Grant of Authority

04/24/2018 - 04/24/2033
 Date Effective: 07/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 77 Industrial Road., Suffolk, Wainscott, NY
40 ° 57 ' 20.36 " N LAT. 72 ° 15 ' 14.20 " W LONG.

ANTENNA ID: 1 3.7 meters Dawnsat D37F48-4PC-5.5
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180511-00654 E E180287 Fox Broadcasting Company
Registration 05/11/2018 - 05/11/2033
Grant of Authority Date Effective: 07/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1261 Dublin Road, Franklin, Columbus, OH
39 ° 58 ' 32.40 " N LAT. 83 ° 3 ' 33.40 " W LONG.

ANTENNA ID: 1 4.5 meters Andrew Corporation ESA45-46A
3700.0000 - 4200.0000 MHz 36M0G7W digital data: various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180514-00735 E E180348 The Moody Bible Institute of Chicago
Registration 05/14/2018 - 05/14/2033
Grant of Authority Date Effective: 07/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5350 McIntosh Rd., Sarasota County, Sarasota, FL
27 ° 16 ' 32.56 " N LAT. 82 ° 28 ' 54.20 " W LONG.

ANTENNA ID: 1 37 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 230KG7W 0.00 dBW QPSK broadcasting

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180514-00736 E E180349 The Moody Bible Institute of Chicago
Registration 05/14/2018 - 05/14/2033
Grant of Authority Date Effective: 07/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 13360 E. Bonita Beach Road, Lee County, Bonita Springs, FL
26 ° 20 ' 29.22 " N LAT. 81 ° 42 ' 37.62 " W LONG.

ANTENNA ID: 1 37 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 230KG7W 0.00 dBW QPSK broadcasting

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180514-00737 E E180350 The Moody Bible Institute of Chicago
Registration 05/14/2018 - 05/14/2033
Grant of Authority Date Effective: 07/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1511 W. Boynton Beach Blvd., Palm Beach County, Boynton Beach, FL
26 ° 31 ' 41.56 " N LAT. 80 ° 5 ' 29.67 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 230KG7W 0.00 dBW QPSK broadcasting

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180514-00738 E E180351 The Moody Bible Institute of Chicago
Registration 05/14/2018 - 05/14/2033
Grant of Authority Date Effective: 07/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1920 E. 24th Street Pl, Hamilton County, Chattanooga, TN
35 ° 0 ' 58.01 " N LAT. 85 ° 17 ' 2.31 " W LONG.

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1920 W. 53rd Street, Madison County, Anderson, IN
40 ° 3 ' 43.92 " N LAT. 85 ° 42 ' 29.36 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 230KG7W 0.00 dBW QPSK broadcasting

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180514-00794 E E180396 Buck Owens Production Company, Incorporated
Registration 05/14/2018 - 05/14/2033
Grant of Authority Date Effective: 07/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3223 Sillect Ave., Bakersfield, CA
35 ° 23 ' 8.06 " N LAT. 119 ° 2 ' 25.50 " W LONG.

ANTENNA ID: 1 4.6 meters Scientific Atlanta 8346
3700.0000 - 4200.0000 MHz 36M0F8F

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180515-00739 E E180352 The Moody Bible Institute of Chicago
Registration 05/15/2018 - 05/15/2033
Grant of Authority Date Effective: 07/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 141 West Tower Road, Pike County, Pikeville, KY
37 ° 27 ' 52.05 " N LAT. 82 ° 32 ' 43.72 " W LONG.

ANTENNA ID: 1 3.7 meters DH 3.7M
3700.0000 - 4200.0000 MHz 230KG7W 0.00 dBW QPSK broadcasting

Points of Communication:

1 - PERMITTED LIST - ()

SITE ID: 1
LOCATION: 1004 East Dunklin Street, Cole, Jefferson City, MO
38 ° 33 ' 50.87 " N LAT. 92 ° 9 ' 54.95 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech 3.8M Comtech
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio and Video Signals

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180516-00845 E E180431 i3G Media, LLC
Registration 05/16/2018 - 05/16/2033
Grant of Authority Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 605 Dakota Avenue, Richland, Wahpeton, ND
46 ° 15 ' 48.00 " N LAT. 96 ° 36 ' 32.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters Channel Master Channel Master mesh
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Analog Video with associated subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180517-00715 E E180331 Minnesota Public Radio
Registration 05/17/2018 - 05/17/2033
Grant of Authority Date Effective: 07/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 27569 Everton Creek Road NE, Beltrami, Blackduck, MN
47 ° 42 ' 21.00 " N LAT. 94 ° 29 ' 9.00 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 150KF3D 0.00 dBW

Points of Communication:

1 - GALAXY 16 (S2687) - (99 W.L.)

SES-REG-20180517-00727 E E180341 SES Americom, Inc.

Registration

05/15/2018 - 05/15/2033

Grant of Authority

Date Effective: 07/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2323 Grimville Rd, Carroll, Mt. Airy, MD

39 ° 22 ' 36.00 " N LAT.

77 ° 4 ' 50.00 " W LONG.

ANTENNA ID:	1	3.8 meters	Patriot	PRT-380AZ
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Data and Video
	3700.0000 - 4200.0000 MHz		54M0G7W	Digital Data and Video
	3700.0000 - 4200.0000 MHz		72M0G7W	Digital Data and Video
	3700.0000 - 4200.0000 MHz		100KG7W	Digital Data
ANTENNA ID:	2	2 meters	Patriot	PRT-200AZ/PL
	3700.0000 - 4200.0000 MHz		100KG7W	Digital Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Data and Video
	3700.0000 - 4200.0000 MHz		54M0G7W	Digital Data and Video
	3700.0000 - 4200.0000 MHz		72M0G7W	Digital Data and Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180517-00766 E E180378 SES Americom, Inc.

Registration

05/17/2018 - 05/17/2033

Grant of Authority

Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 8000 Gainsford Ct (WMP), Prince William, Bristow, VA

38 ° 47 ' 0.90 " N LAT.

77 ° 34 ' 23.90 " W LONG.

ANTENNA ID:	V-5	3.8 meters	Patriot Antenna Systems	Patriot- 3.8m
	3700.0000 - 4200.0000 MHz		100KG7W	Digital Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Data and Video

3700.0000 - 4200.0000 MHz	54M0G7W	Digital Data and Video
3700.0000 - 4200.0000 MHz	72M0G7W	Digital Data and Video
ANTENNA ID: V-6,7 & 8	4.5 meters	Patriot Antenna Systems
		Patriot- 4.5m
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Data and Video
3700.0000 - 4200.0000 MHz	54M0G7W	Digital Data and Video
3700.0000 - 4200.0000 MHz	72M0G7W	Digital Data and Video
3700.0000 - 4200.0000 MHz	100KG7W	Digital Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180517-00768	E E180379	SES Americom, Inc.	
Registration			05/17/2018 - 05/17/2033
Grant of Authority			Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 8000 Gainsford Ct (WMP), Prince William, Bristow, VA
 38 ° 46 ' 59.80 " N LAT. 77 ° 34 ' 23.00 " W LONG.

ANTENNA ID: NWM-011,12	4.8 meters	GD Satcom	KPC/K120
3700.0000 - 4200.0000 MHz	100KG7W	Digital Data	
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Data and Video	
3700.0000 - 4200.0000 MHz	54M0G7W	Digital Data and Video	
3700.0000 - 4200.0000 MHz	72M0G7W	Digital Data and Video	

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180517-00769	E E180380	SES Americom, Inc.	
Registration			05/17/2018 - 05/17/2033
Grant of Authority			Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2323 Grimville Rd (WBN), Carroll, Mt. Airy, MD
39 ° 22 ' 33.00 " N LAT. 77 ° 4 ' 49.00 " W LONG.

ANTENNA ID:	H2	5 meters	AFC	PR-16-3CF
	3700.0000 - 4200.0000 MHz		100KG7W	Digital Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Data and Video
	3700.0000 - 4200.0000 MHz		54M0G7W	Digital Data and Video
	3700.0000 - 4200.0000 MHz		72M0G7W	Digital Data and Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180517-00796 E E180400 SES Americom, Inc.
Registration 05/17/2018 - 05/17/2033
Grant of Authority Date Effective: 07/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2323 Grimville Rd, Carroll, Mt. Airy, MD
39 ° 22 ' 34.00 " N LAT. 77 ° 4 ' 49.00 " W LONG.

ANTENNA ID:	1	3.1 meters	Patriot	PRT-310AZ
	3700.0000 - 4200.0000 MHz		100KG7W	Digital Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Data and Video
	3700.0000 - 4200.0000 MHz		54M0G7W	Digital Data and Video
	3700.0000 - 4200.0000 MHz		72M0G7W	Digital Data and Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180517-00833 E E180421 SES Americom, Inc.
Registration 05/17/2018 - 05/17/2033
Grant of Authority Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2323 Grimville Rd (WBN), Carroll, Mt. Airy, MD
39 ° 22 ' 39.00 " N LAT. 77 ° 4 ' 48.00 " W LONG.

ANTENNA ID:	A2	7.3 meters	NIWEE	7.3M LMAG
	3700.0000 - 4200.0000 MHz		100KG7W	Digital Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Data and Video
	3700.0000 - 4200.0000 MHz		54M0G7W	Digital Data and Video
	3700.0000 - 4200.0000 MHz		72M0G7W	Digital Data and Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180517-00834 E E180422 SES Americom, Inc.
Registration 05/17/2018 - 05/17/2033
Grant of Authority Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2323 Grimville Rd (WBN), Carroll, Mt. Airy, MD
39 ° 22 ' 37.00 " N LAT. 77 ° 4 ' 49.00 " W LONG.

ANTENNA ID:	A1	7.3 meters	NIWEE	7.3M LMAG
	3700.0000 - 4200.0000 MHz		100KG7W	Digital Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Data and Video
	3700.0000 - 4200.0000 MHz		54M0G7W	Digital Data and Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180517-00853 E E180438 COOPER BROADCASTING COMPANY
Registration 05/17/2018 - 05/17/2033
Grant of Authority Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1103 N Green St (WMNC), Burke, Morganton, NC
35 ° 45 ' 9.40 " N LAT. 81 ° 43 ' 17.60 " W LONG.

ANTENNA ID:	3.7M.	3.7 meters	Dawnco	D37F48	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180523-00894	E	E180472	H&B Cable Service, Inc.	
Registration				05/23/2018 - 05/23/2033
Grant of Authority				Date Effective: 07/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2300 5th Rd, Ellsworth, Holyrood, KS
38 ° 33 ' 1.88 " N LAT. 98 ° 24 ' 24.90 " W LONG.

ANTENNA ID:	1	3.8 meters	Patriot	3.8 M
	3700.0000 - 4200.0000 MHz		36M0G7W	

ANTENNA ID:	2	3.2 meters	Scientific Atlanta	3.2M
	3700.0000 - 4200.0000 MHz		36M0G7W	

ANTENNA ID:	3	3.2 meters	Scientific Atlanta	3.2M
	3700.0000 - 4200.0000 MHz		36M0G7W	

ANTENNA ID:	4	5 meters	Anixter	Mark 5
	3700.0000 - 4200.0000 MHz		36M0G7W	

Points of Communication:

- 1 - AMC 10 (S2432) - (135 W.L.)
- 1 - AMC 2 - (84.85)
- 1 - AMC-15 (S2180) - (105.0 W.L.)
- 1 - GALAXY 10R - (123 W.L.)
- 1 - GALAXY 13 (S2386) - (127 W.L.)
- 1 - GALAXY 14 (S2385) - (125 W.L.)
- 1 - GALAXY 15 (S2387) - (133.1)
- 1 - GALAXY 17 (S2715) - (91 W.L.)
- 1 - GALAXY 23 (S2592) - (121 W.L.)

1 - SES-3 (S2892) - (103 W.L.)

SES-REG-20180523-00936 E E180509 Nelly Broadcasting Idaho, LLC
Registration 05/23/2018 - 05/23/2033
Grant of Authority Date Effective: 07/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 612 Pine St, Idaho, Grangeville, ID
45 ° 55 ' 52.00 " N LAT. 116 ° 7 ' 54.00 " W LONG.

ANTENNA ID: 1 3.8 meters Fiberglass 2001
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Audio Signals

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180530-00987 E E180552 WXLV Licensee, LLC
Registration 05/30/2018 - 05/30/2033
Grant of Authority Date Effective: 07/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3500 Myer Lee Drive,, Forsyth, Winston Salem, NC
36 ° 6 ' 40.00 " N LAT. 80 ° 10 ' 4.00 " W LONG.

ANTENNA ID: 1 4.5 meters Andrew Corporation ESA5-4HPA
3700.0000 - 4200.0000 MHz 36M0G7W Digital various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180530-01007 E E180565 Taylor Communications, Inc.
Registration 05/30/2018 - 05/30/2033
Grant of Authority Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1815 Meadowlark Rd. (Studio 1), USA, Clay Center, KS
39 ° 22 ' 53.01 " N LAT. 97 ° 8 ' 49.23 " W LONG.

ANTENNA ID:	S-ANT1	3.7 meters	Viking Satcom	P370
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Audio
	3700.0000 - 4200.0000 MHz		36M0F8F	0.00 dBW
				Analog Audio with associated subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180531-00998	E	E180558	Fremont Broadcasting Inc	
Registration				05/30/2018 - 05/30/2033
Grant of Authority				Date Effective: 07/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 1530 Main Street Lander, WY, Fremont, Lander, WY
 42 ° 50 ' 32.39 " N LAT. 108 ° 44 ' 0.07 " W LONG.

ANTENNA ID:	1	3.8 meters	DH Satellite	38DH4
	3700.0000 - 4200.0000 MHz		36M0G7W	

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180531-01068	E	E180619	KSBJ EDUCATIONAL FOUNDATION	
Registration				05/31/2018 - 05/31/2033
Grant of Authority				Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 905 Suggs Road, Brazoria, Freeport, TX
 29 ° 0 ' 40.00 " N LAT. 95 ° 18 ' 34.00 " W LONG.

ANTENNA ID:	3.8M.	3.8 meters	Prodelin Corp	3.8M.
	3700.0000 - 4200.0000 MHz		36M0G7W	
				Digital traffic, various FEC, data rates and modulations

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180601-01057 E E180610 WCSC License Subsidiary, LLC
Registration 06/01/2018 - 06/01/2033
Grant of Authority Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2126 Charlie Hall Blvd, Charleston, Charleston, SC
32 ° 48 ' 49.40 " N LAT. 80 ° 2 ' 48.00 " W LONG.

ANTENNA ID: 7M. 7 meters Scientific-Atlanta 8128-C-MP
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180601-01060 E E180612 GRIFFIN LICENSING, L.L.C.
Registration 06/01/2018 - 06/01/2033
Grant of Authority Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2412 Oklahoma 97 (SS TVRO 5), Tulsa, Sand Springs, OK
36 ° 11 ' 24.29 " N LAT. 96 ° 5 ' 52.07 " W LONG.

ANTENNA ID: 1 4.5 meters ViaSat 8345
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio and Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180601-01084 E E180622 Ruby Radio Corporation
Registration 06/01/2018 - 06/01/2033
Grant of Authority Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 1750 Manzanita Drive, Elko, Elko, NV
40 ° 50 ' 48.50 " N LAT. 115 ° 44 ' 49.00 " W LONG.

ANTENNA ID: ANT1 3 meters Alibaba RS-MC30011P

3700.0000 - 4200.0000 MHz

36M0G7W

Digital audio

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20180604-01126 E E180634 Lafayette City Parish Consolidated Government

Registration 06/04/2018 - 06/04/2033

Grant of Authority Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 234 Distribution Drive, Lafayette, Lafayette, LA

30 ° 15 ' 35.40 " N LAT.

92 ° 1 ' 43.20 " W LONG.

ANTENNA ID: C1 4.5 meters Superior Satellite 4.5M.

3700.0000 - 4200.0000 MHz 200KG7W Digital Audio, Video and Data

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio, Video, and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180604-01135 E E180636 Cable One, Inc.

Registration 06/04/2018 - 06/04/2033

Grant of Authority Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1529 W. Industrial Rd, NE, Lincoln, Brookhaven, MS

31 ° 35 ' 5.20 " N LAT.

90 ° 28 ' 26.40 " W LONG.

ANTENNA ID: 5 meter 5 meters ANTENNA TECH CORP SIMULSAT 5M

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180605-01116 E E180627 Cable One, Inc.

Registration 06/05/2018 - 06/05/2033

Grant of Authority Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 301 NE Home St, Washington, Bartlesville, OK
36 ° 45 ' 39.20 " N LAT. 95 ° 57 ' 6.60 " W LONG.

ANTENNA ID: 5 meter 5 meters Antenna Tech Corp 5 M Simulsat ATCi
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180605-01123 E E180632 Stonecom Cookeville, LLC
Registration 06/05/2018 - 06/05/2033
Grant of Authority Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 259 S. Willow Avenue, Putnam, Cookeville, TN
36 ° 6 ' 50.40 " N LAT. 85 ° 29 ' 40.10 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech Antenna Systems 3.8 Meter PF
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Broadcast Audio Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180605-01134 E E180635 Cable One, Inc.
Registration 06/05/2018 - 06/05/2033
Grant of Authority Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3201 Tower Road, Yavapi, Prescott, AZ
34 ° 36 ' 12.80 " N LAT. 112 ° 27 ' 33.20 " W LONG.

ANTENNA ID: 5 meter 5 meters Scientific-Atlantic 5.0
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180615-01083 E E180621 Comcast Cable Communications Management, LLC
Registration 06/02/2018 - 06/02/2033
Grant of Authority Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 814-327-8036, 814-327-8036, Markleysburg, PA
39 ° 44 ' 4.20 " N LAT. 79 ° 28 ' 7.20 " W LONG.

ANTENNA ID: 3.8M. 3.8 meters Patriot 3.8 meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180615-01121 E E180631 Comcast Cable Communications Management, LLC
Registration 06/02/2018 - 06/02/2033
Grant of Authority Date Effective: 07/31/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 322 Nashua Rd, Rockingham, Londonderry, NH
42 ° 49 ' 36.10 " N LAT. 71 ° 24 ' 29.10 " W LONG.

ANTENNA ID: 4.5M. 4.5 meters Scientific-Atlanta 8345
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 4.6M. 4.6 meters Scientific-Atlanta 8346
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180615-01170 E E180664 Comcast Cable Communications Management, LLC
Registration 06/03/2018 - 06/03/2033
Grant of Authority Date Effective: 07/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 660 Munford Road, Charles City, Providence Forge, VA
37 ° 23 ' 5.80 " N LAT. 77 ° 3 ' 36.10 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot 3.8 meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180706-02043 E E181273 Saga Communications of New England, LLC
Registration

Date Effective:

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 45 Fisher Ave, Hamden, East Longmeadow, MA
42 ° 4 ' 25.30 " N LAT. 72 ° 31 ' 26.20 " W LONG.

ANTENNA ID: 1 3.7 meters DawnCo 3.7 Meter
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio
3700.0000 - 4200.0000 MHz 36M0F8W 0.00 dBW Analog Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20180628-01777 E E2224 Alascom, Inc.
Renewal
Grant of Authority

09/16/2018 - 09/16/2033

Date Effective: 07/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: THREE SAINTS AVE., OLD HARBOR, AK
57 ° 12 ' 9.20 " N LAT. 153 ° 18 ' 20.20 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA5-46A
5925.0000 - 6425.0000 MHz 15M0G7W 57.16 dBW VARIOUS PSK & QAM- VOICE AND DATA
5925.0000 - 6425.0000 MHz 29K0G7W 41.10 dBW VARIOUS PSK & QAM- VOICE AND DATA

SES-RWL-20180727-02021 E E930490 WHY, Inc.
Renewal 09/29/2018 - 09/29/2033
Grant of Authority Date Effective: 07/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 150 NORTH SIXTH STREET, PHILADELPHIA, PHILADELPHIA, PA
39 ° 57 ' 15.00 " N LAT. 75 ° 9 ' 3.00 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH ANT. CORP.

3700.0000 - 4200.0000 MHz 36M0F8W

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20180720-01956 E E140121 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 07/27/2018

Class of Station:

On July 27, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning July 25, 2018, to operate its fixed earth station in Mountainside, MD to provide telemetry, tracking and command (TT&C) services for the Intelsat 9 (S2380) satellite as it drifts from the 29.5° W.L. orbital location to the 66.15 ° E.L. orbital location on the following center frequencies: 14.0005 GHz and 14.4945 GHz (Earth-to-space), and 11.7005 GHz and 11.702 GHz (space-to-Earth).

Points of Communication:

SES-STA-20180720-01961 E KA258 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 07/30/2018

Class of Station:

On July 30, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning July 30, 2018, to operate its fixed earth station in Mountainside, MD to provide telemetry, tracking and command (TT&C) services for the Intelsat 9 (S2380) satellite as it drifts from the 29.5° W.L. orbital location to the 66.15 ° E.L. orbital location in the 14.0005 GHz and 14.4945 GHz (Earth-to-space), and 11.7005 GHz and 11.702 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20180722-01966 E E980502 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 07/25/2018

Class of Station:

On July 25, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning July 25, 2018, to operate its fixed earth station in Ellenwood, GA to provide telemetry, tracking and command (TT&C) services for the Intelsat 9 (S2380) satellite as it drifts from the 29.5° W.L. orbital location to the 66.15 ° E.L. orbital location in the 14.0005 GHz and 14.4945 GHz (Earth-to-space), and 11.7005 GHz and 11.702 GHz (space-to-Earth) frequency bands.

Points of Communication:

SURRENDER

SES-LIC-20030625-00900 E030145 RCN License Subsidiary, Inc.

License surrendered by letter filed on July 21, 2018.

SES-LIC-20100201-00140 E090187 Telesat

License surrendered by letter filed on July 23, 2018.

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