



PUBLIC NOTICE

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

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Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)
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Report No. SES-02159

Wednesday May 8, 2019

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-20181015-03209 E E180890 SINCLAIR SEATTLE LICENSEE, LLC
Amendment
Grant of Authority Date Effective: 04/30/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 140 4th Ave N, King, Seattle, WA
47 ° 37 ' 8.60 " N LAT. 122 ° 20 ' 53.90 " W LONG.

ANTENNA ID: 4.5 M. 4.5 meters Andrew ESA45-46A
3700.0000 - 4200.0000 MHz 36M0G7W Digital various FEC, data rates and modulation

SITE ID: KOMO 140 Site 1
LOCATION: 140 4th Ave N (KOMO 140 Site), King, Seattle, WA
47 ° 37 ' 8.60 " N LAT. 122 ° 20 ' 52.80 " W LONG.

ANTENNA ID: ANT 2 4.5 meters Patriot PRT450
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

KOMO 140 Site 1 - PERMITTED LIST - ()

SES-LIC-20181011-03803 E E190106 Educational Media Foundation
Application for Authority
Grant of Authority

05/03/2019 - 05/03/2034
Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 5700 West Oaks Blvd. (Revised), Placer, Rocklin, CA
38 ° 48 ' 56.70 " N LAT.

121 ° 16 ' 41.40 " W LONG.

ANTENNA ID:	(Revised)	4.5 meters	ASC / Andrew SIGNAL CORPORATION	ES45T-HW-1
3700.0000 - 4200.0000 MHz		100KG7W		Digital modulation of media content at varying data rates and FEC rates.
3700.0000 - 4200.0000 MHz		2M67G7W		Digital modulation of media content at varying data rates and FEC rates.
5925.0000 - 5930.2000 MHz		100KG7W	45.35 dBW	Digital modulation of media content at varying data rates and FEC rates.
6019.5000 - 6024.1500 MHz		100KG7W	45.35 dBW	Digital modulation of media content at varying data rates and FEC rates.
6044.1500 - 6108.1000 MHz		100KG7W	45.35 dBW	Digital modulation of media content at varying data rates and FEC rates.
6137.7500 - 6211.8900 MHz		100KG7W	45.35 dBW	Digital modulation of media content at varying data rates and FEC rates.
6301.1900 - 6425.0000 MHz		100KG7W	45.35 dBW	Digital modulation of media content at varying data rates and FEC rates.
5925.0000 - 5930.2000 MHz		2M67G7W	59.61 dBW	Digital modulation of media content at varying data rates and FEC rates.
6019.5000 - 6024.1500 MHz		2M67G7W	59.61 dBW	Digital modulation of media content at varying data rates and FEC rates.
6044.1500 - 6108.1000 MHz		2M67G7W	59.61 dBW	Digital modulation of media content at varying data rates and FEC rates.
6137.7500 - 6211.8900 MHz		2M67G7W	59.61 dBW	Digital modulation of media content at varying data rates and FEC rates.
6301.1900 - 6425.0000 MHz		2M67G7W	59.61 dBW	Digital modulation of media content at varying data rates and FEC rates.

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20190312-00333 E E190108 WML Services, LLC
Application for Authority 05/06/2019 - 05/06/2034
Grant of Authority Date Effective: 05/06/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 820 First Street, N.W., Washington, DC
38 ° 54 ' 1.60 " N LAT. 77 ° 0 ' 29.40 " W LONG.

ANTENNA ID:	Antenna 01	4.5 meters	Scientific Atlanta	8345	
	11700.0000 - 12200.0000 MHz		36M0G7F	0.00 dBW	8PSK, QPSK, digital video
	14000.0000 - 14500.0000 MHz		36M0G7F	68.30 dBW	8PSK, QPSK, digital video

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180606-01269 E E000381 Fox Broadcasting Company
Application for Modification 07/28/2010 - 07/28/2025
Grant of Authority Date Effective: 05/06/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 8803 WOODWAY DRIVE, MC LELLAN, WACO, TX
31 ° 29 ' 58.60 " N LAT. 97 ° 13 ' 6.30 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	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-20180606-01270 E E100163 Fox Broadcasting Company
Application for Modification 12/16/2010 - 12/16/2025
Grant of Authority Date Effective: 05/06/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4261 SOUTHWEST FREEWAY, HARRIS, HOUSTON, TX
29 ° 43 ' 44.70 " N LAT. 95 ° 26 ' 50.90 " W LONG.

ANTENNA ID: 4.5M. 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-20180606-01271 E E070200 Fox Broadcasting Company
Application for Modification 08/30/2007 - 08/30/2022
Grant of Authority Date Effective: 05/06/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 999 2ND STREET S.E. (WAHU), ALBEMARLE, CHARLOTTESVILLE, VA
38 ° 1 ' 25.30 " N LAT. 78 ° 29 ' 2.90 " W LONG.

ANTENNA ID: 4.5M. 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-20180606-01272 E E100156 Fox Broadcasting Company
Application for Modification 12/20/2010 - 12/20/2025
Grant of Authority Date Effective: 05/06/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 101 LEE STREET, WASHINGTON, BRISTOL, VA
36 ° 35 ' 45.00 " N LAT. 82 ° 10 ' 53.50 " W LONG.

ANTENNA ID: 4.5M. 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-20180606-01273 E E000391 Fox Broadcasting Company

Application for Modification

07/28/2010 - 07/28/2025

Grant of Authority

Date Effective: 05/06/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1925 WESTMORELAND STREET, HENRICO, RICHMOND, VA

37 ° 34 ' 47.10 " N LAT.

77 ° 29 ' 10.00 " W LONG.

ANTENNA ID: 4.5M.

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-20180606-01274 E E000387 Fox Broadcasting Company

Application for Modification

07/28/2010 - 07/28/2025

Grant of Authority

Date Effective: 05/06/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 5020 W. AMELIA EARHART DRIVE, SALT LAKE, SALT LAKE CITY, UT

40 ° 46 ' 37.80 " N LAT.

112 ° 0 ' 42.80 " W LONG.

ANTENNA ID: 4.5M.

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-20180606-01275 E E100162 Fox Broadcasting Company
Application for Modification 12/16/2010 - 12/16/2025
Grant of Authority Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 222 BOB BULLOCK ROAD, WEBB, LAREDO, TX
27 ° 30 ' 1.80 " N LAT. 99 ° 25 ' 57.90 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	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-20180606-01276 E E070204 Fox Broadcasting Company
Application for Modification 08/30/2007 - 08/30/2022
Granted in Part / Dismissed in Part Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 50 NORTH MAIN STREET (WHSV), ROCKINGHAM, HARRISONBURG, VA
38 ° 27 ' 0.30 " N LAT. 78 ° 52 ' 5.20 " W LONG.

ANTENNA ID:	4.5M.	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-20180606-01277 E E000426 Fox Broadcasting Company
Application for Modification 07/28/2010 - 07/28/2025
Grant of Authority Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4335 NORTH WEST LOOP 410, BEXAR, SAN ANTONIO, TX
29 ° 29 ' 25.80 " N LAT. 98 ° 34 ' 10.80 " W LONG.

ANTENNA ID: 4.5M. 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-20180606-01289 E E000477 Fox Broadcasting Company
Application for Modification 09/21/2010 - 09/21/2025
Grant of Authority Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1 BROADCAST WAY, WEXFORD, CADILLAC, MI
44 ° 13 ' 37.10 " N LAT. 85 ° 22 ' 30.20 " W LONG.

ANTENNA ID: 4.5M. 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-20180606-01290 E E100148 Fox Broadcasting Company
Application for Modification 12/16/2010 - 12/16/2025
Grant of Authority Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 9 BROADCAST PLAZA, HUDSON, SECAUCUS, NJ
40 ° 47 ' 43.10 " N LAT. 74 ° 4 ' 11.30 " W LONG.

ANTENNA ID: 4.5M. 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-20181017-03449 E E910561 GlobeCast America Incorporated

Application for Modification

10/25/2011 - 10/25/2026

Grant of Authority

Date Effective: 05/06/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 10525 W. WASHINGTON BLVD., LOS ANGELES, CULVER CITY, CA

34 ° 1 ' 4.60 " N LAT.

118 ° 24 ' 15.90 " W LONG.

ANTENNA ID: 1 3.7 meters ANDREW ES37K-C

5925.0000 - 6425.0000 MHz 614KG7D 65.30 dBW

5925.0000 - 6425.0000 MHz 1M23G7D 65.30 dBW

5925.0000 - 6425.0000 MHz 9M00G7F 65.30 dBW

3700.0000 - 4200.0000 MHz

ANTENNA ID: 3.0M. 3 meters GD SATCOM 3 METER

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

ANTENNA ID: 4.5M. 4.5 meters PATRIOT 4.5 METER

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

Points of Communication:

1 - ANIK E1 - (118.7 W.L.)

1 - ANIK E2 - (111.1 W.L.)

1 - ANIK F1(S2745) - (107.3 W.L.)

1 - PERMITTED LIST - ()

1 - SATMEX-5 - (116.8 W.L.)

1 - SOLIDARIDAD F-2 - (113.0 W.L.)

SES-MOD-20181219-03615 E E120061 KVH Industries, Inc.

Application for Modification

07/31/2012 - 07/31/2027

Grant of Authority

Date Effective: 05/01/2019

Class of Station: Other

Nature of Service: Fixed Satellite Service, Other

SITE ID: 1

LOCATION: Mobile

0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	1	1 meters	KVH	TracPhone V11
5925.0000 - 6425.0000 MHz		36M0G7D	46.90 dBW	Direct Sequence Spread Spectrum (DSSS) technique using a random access method called code reuse multiple access CRMA for inbound access. Data Services
5925.0000 - 6425.0000 MHz		18M0G7D	46.90 dBW	Direct Sequence Spread Spectrum (DSSS) technique using a random access method called code reuse multiple access CRMA for inbound access. Data Services
3700.0000 - 4200.0000 MHz		30M0G7D		Spread Outbound 10 Mbits/s carrier, data services
5925.0000 - 6425.0000 MHz		1M00G7D	46.90 dBW	DATA SERVICES
3700.0000 - 4200.0000 MHz		1M00G7D		DATA SERVICES

Points of Communication:

1 - INTELSAT 707 - (53 W.L.)

1 - INTELSAT POR - (180 E.L.)

1 - PERMITTED LIST - ()

SES-REG-20180615-01519 E E180890 SINCLAIR SEATTLE LICENSEE, LLC
Registration 06/15/2018 - 06/15/2033
Grant of Authority Date Effective: 04/30/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 140 4th Ave N, King, Seattle, WA

47 ° 37 ' 8.60 " N LAT.

122 ° 20 ' 53.90 " W LONG.

ANTENNA ID:	4.5 M.	4.5 meters	Andrew	ESA45-46A
3700.0000 - 4200.0000 MHz		36M0G7W		Digital various FEC, data rates and modulation

SITE ID: KOMO 140 Site 1

LOCATION: 140 4th Ave N (KOMO 140 Site), King, Seattle

47 ° 37 ' 8.60 " N LAT.

122 ° 20 ' 52.80 " W LONG.

ANTENNA ID: ANT 2 4.5 meters Patriot PRT450

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

KOMO 140 Site 1 - PERMITTED LIST - ()

SES-REG-20180716-02028 E E181264 CCI SYSTEMS, INC.

Registration 07/05/2018 - 07/05/2033

Grant of Authority Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 8809 M117, Engadine, MI
46 ° 12 ' 31.32 " N LAT. 85 ° 35 ' 43.80 " W LONG.

ANTENNA ID: TBD 3.7 meters

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180716-02029 E E181265 CCI SYSTEMS, INC.

Registration 07/05/2018 - 07/05/2033

Grant of Authority Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 11514 S Railroad St, Solon Springs, WI
46 ° 20 ' 31.92 " N LAT. 91 ° 49 ' 15.96 " W LONG.

ANTENNA ID: TBD 3.8 meters

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02452 E E181569 Sinclair Television of Fresno, LLC

Registration 07/16/2018 - 07/16/2033

Grant of Authority Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 49 Old Hickory Lane, Cambia, Johnstown, PA
40 ° 17 ' 42.00 " N LAT.

78 ° 56 ' 13.00 " W LONG.

ANTENNA ID: 5.0M. 5 meters Comtech 5.0M.

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180719-02354 E E181471 Graham Media Group, Virginia, LLC

Registration

07/19/2018 - 07/19/2033

Grant of Authority

Date Effective: 04/30/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 821 5th St NE, Roanoke, Roanoke, VA
37 ° 16 ' 47.70 " N LAT.

79 ° 55 ' 52.00 " W LONG.

ANTENNA ID: Antenna 1 3.8 meters Patriot 3.8M

3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog Video with Associated Subcarriers

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

ANTENNA ID: Antenna 2 3.4 meters Prodelin 1344

3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog Video with Associated Subcarriers

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

ANTENNA ID: Antenna 3 3 meters Prodelin 1304

3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog Video with Associated Subcarriers

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

ANTENNA ID: Antenna 4 2.4 meters Prodelin 1241

3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog Video with Associated Subcarriers

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

ANTENNA ID:	Antenna 5	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0F8F	0.00 dBW
				Analog Video with Associated Subcarriers
	3700.0000 - 4200.0000 MHz		30M0G7W	0.00 dBW
				Digital Video
ANTENNA ID:	Antenna 6	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0F8F	0.00 dBW
				Analog Video with Associated Subcarriers
	3700.0000 - 4200.0000 MHz		30M0G7W	0.00 dBW
				Digital Video

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20180719-02387	E	E181507	Salem Communications Holding Corporation	
Registration				07/19/2018 - 07/19/2033
Grant of Authority				Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 16925 BLACK ROCK ROAD, MONTGOMERY, GERMANTOWN, MD
 39 ° 8 ' 4.50 " N LAT. 77 ° 18 ' 13.30 " W LONG.

ANTENNA ID:	3.7Vi	3.7 meters	Viking Satcom	1374-990
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180719-02388	E	E181508	Salem Communications Holding Corporation	
Registration				07/19/2018 - 07/19/2033
Grant of Authority				Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: N of Clay Road at Noses Creek, Fulton, NOSES CREEK, GA
 33 ° 50 ' 49.20 " N LAT. 84 ° 38 ' 41.30 " W LONG.

ANTENNA ID:	3.7Pr	3.7 meters	Prodelin	1374-990
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180719-02390 E E181510 Salem Communications Holding Corporation
Registration 07/19/2018 - 07/19/2033
Grant of Authority Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 415 N. MCKINLEY STREET, SUITE 700, PULASKI, LITTLE ROCK, AR
34 ° 45 ' 20.00 " N LAT. 92 ° 20 ' 40.00 " W LONG.

ANTENNA ID: 3.0D& 3 meters D&H D30F48-5.5
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180719-02391 E E181511 Salem Communications Holding Corporation
Registration 07/19/2018 - 07/19/2033
Grant of Authority Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 935 Lilac Drive, HENNEPIN, NORTH GOLDEN VALLEY, MN
44 ° 59 ' 19.00 " N LAT. 93 ° 21 ' 4.00 " W LONG.

ANTENNA ID: 3.8Co 3.8 meters Comtech 934D0015-G2
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180723-02371 E E181487 Western Kentucky University
Registration 07/23/2018 - 07/23/2033
Grant of Authority Date Effective: 05/06/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 18794 Henderson Rd (WKPB), Henderson, Owensboro, KY
37 ° 51 ' 6.60 " N LAT. 87 ° 19 ' 44.00 " W LONG.

ANTENNA ID: Ant1 3.8 meters Comtech Antenna Systems 3.8 Meter
3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180723-02372 E E181488 Western Kentucky University
Registration 07/23/2018 - 07/23/2033
Grant of Authority Date Effective: 05/06/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 100 Tower Rd (WDCL), Adair, Columbia, KY
37 ° 9 ' 32.00 " N LAT. 85 ° 9 ' 46.10 " W LONG.

ANTENNA ID: Ant1 3.8 meters Comtech Antenna Systems 3.8 Meter
3700.0000 - 4200.0000 MHz 10M3G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180723-02373 E E181489 Western Kentucky University
Registration 07/23/2018 - 07/23/2033
Grant of Authority Date Effective: 05/06/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Pear Orchard Rd NW (WKUE), Hardin, Elizabethtown, KY
37 ° 44 ' 41.90 " N LAT. 85 ° 53 ' 20.90 " W LONG.

ANTENNA ID: Ant1 3.8 meters Comtech Antenna Systems 3.8 Meter
3700.0000 - 4200.0000 MHz 10M3G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180727-02374 E E181490 MID-WEST MANAGEMENT
Registration 07/27/2018 - 07/27/2033
Grant of Authority Date Effective: 05/06/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 944 Harlem St., Eau Claire, Altoona, WI
44 ° 48 ' 0.90 " N LAT. 91 ° 27 ' 56.90 " W LONG.

ANTENNA ID:	1	3.8 meters	Patriot	3.8M
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Multiplex Carrier
ANTENNA ID:	2	3.7 meters	Patriot	3.7M
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Multiplex Carrier
ANTENNA ID:	3	4.5 meters	DH Satellite	4.5M
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180810-02375 E E181491 Cox Communications California, LLC
Registration 06/29/2018 - 06/29/2033
Grant of Authority Date Effective: 05/06/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1175 N Cuyamaca st., San Diego, EL CAJON, CA
32 ° 48 ' 39.20 " N LAT. 116 ° 58 ' 43.70 " W LONG.

ANTENNA ID:	5.0SC	5 meters	SCIENTIFIC-ATLANTA, INC	8008 5.0 METER
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180810-02376 E E181492 Cox Communications California, LLC
Registration 06/29/2018 - 06/29/2033
Grant of Authority Date Effective: 05/06/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1175 N Cuyamaca st., San Diego, EL CAJON, CA
32 ° 48 ' 38.00 " N LAT. 116 ° 58 ' 43.70 " W LONG.

ANTENNA ID: 7.3Sc 7.3 meters Scientific Atlanta 8010
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180810-02377 E E181493 Cox Communications California, LLC
Registration 06/29/2018 - 06/29/2033
Grant of Authority Date Effective: 05/06/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1175 N Cuyamaca st., San Diego, EL CAJON, CA
32 ° 48 ' 39.20 " N LAT. 116 ° 58 ' 43.90 " W LONG.

ANTENNA ID: 3.7PR 3.7 meters PRODELIN CORPORATION 136-750
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180810-02378 E E181494 Cox Communications California, LLC
Registration 06/29/2018 - 06/29/2033
Grant of Authority Date Effective: 05/06/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 17 Journey, Orange, ALISO VIEJO, CA
33 ° 33 ' 59.80 " N LAT. 117 ° 43 ' 40.00 " W LONG.

ANTENNA ID: 4.5SC 4.5 meters SCIENTIFIC-ATLANTA, INC 8345 4.5 METER
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180810-02379 E E181495 Cox Communications California, LLC
Registration 06/29/2018 - 06/29/2033
Grant of Authority Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 17 Journey, Orange, ALISO VIEJO, CA
33 ° 34 ' 0.20 " N LAT. 117 ° 43 ' 40.70 " W LONG.

ANTENNA ID: 4.2Da 4.2 meters DawnCo DH42GAE-8P
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180810-02380 E E181496 Cox Communications California, LLC
Registration 06/29/2018 - 06/29/2033
Grant of Authority Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1175 N Cuyamaca st., San Diego, EL CAJON, CA
32 ° 48 ' 38.10 " N LAT. 116 ° 58 ' 44.60 " W LONG.

ANTENNA ID: 7.3Sc 7.3 meters Scientific Atlanta 8010
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180810-02381 E E181497 Cox Communications California, LLC
Registration 06/29/2018 - 06/29/2033
Grant of Authority Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 17 Journey, Orange, ALISO VIEJO, CA
33 ° 33 ' 59.60 " N LAT. 117 ° 43 ' 40.30 " W LONG.

ANTENNA ID: 4.5SC 4.5 meters SCIENTIFIC-ATLANTA, INC 8345 4.5 METER

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20190315-00378 E E940196 Pennsylvania Educational Communications Systems d/b/a Pennsy
 Renewal 04/15/2019 - 04/15/2034
 Grant of Authority Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
 LOCATION: 401 FALLOWFIELD ROAD, CUMBERLAND, CAMP HILL, PA
 40 ° 14 ' 0.00 " N LAT. 76 ° 56 ' 39.00 " W LONG.

ANTENNA ID: 1 7 meters SATCOM TECH 705CS

5925.0000 - 6425.0000 MHz 2M64F1F 58.40 dBW

3700.0000 - 4200.0000 MHz 2M64F1F

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20190319-00379 E E7159 Greater Washington Educational Telecommunications Association, Inc.
 Renewal 05/18/2019 - 05/18/2034
 Grant of Authority Date Effective: 05/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 3939 CAMPBELL AVE., ARLINGTON, ARLINGTON, VA
 38 ° 50 ' 27.80 " N LAT. 77 ° 5 ' 11.10 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech 3.8 METER

3700.0000 - 4200.0000 MHz 30K0F1D Digital Audio Carrier

3700.0000 - 4200.0000 MHz 10M3G7W Digital Audio Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20190320-00380 E E040201 University of West Florida
Renewal 04/28/2019 - 04/28/2034
Grant of Authority Date Effective: 05/06/2019

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 11000 UNIVERSITY PARKWAY (WUWF-FM), SANTA ROSA, PENSACOLA, FL
30 ° 32 ' 32.00 " N LAT. 87 ° 13 ' 11.00 " W LONG.

ANTENNA ID:	1	3.8 meters	COMTECH ANTENNA SYSTEMS	3.8 METER PF
	3700.0000 - 4200.0000 MHz		10M3G7W	DIGITAL BROADCAST AUDIO CARRIER
	3700.0000 - 4200.0000 MHz		30K0F1D	DIGITAL AUDIO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20190403-00458 E E940238 Board of Education of the City of Atlanta
Renewal 05/06/2019 - 05/06/2034
Grant of Authority Date Effective: 05/07/2019

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 740 BISMARCK ROAD, N.E., FULTON, ATLANTA, GA
33 ° 48 ' 40.00 " N LAT. 84 ° 21 ' 51.00 " W LONG.

ANTENNA ID:	1	8.1 meters	VERTEX	8.1 KPK
	14000.0000 - 14500.0000 MHz		36M0F8W	84.60 dBW
	11700.0000 - 12200.0000 MHz		36M0F8W	

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20181010-03148 E Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 05/01/2019

Class of Station:

On May 1, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning June 20, 2019, to operate its 7.3-meter fixed earth station antenna in Paumalu, HI with the OTB non-geostationary orbit satellite in the 720 km×720 km, 24°inclined orbit on center frequencies: 2061.0 MHz, 2062.0 MHz, and 2063.0 MHz (Earth-to-space), and 2272.5 MHz (space-to-Earth) to provide telemetry, tracking, and command during its launch and early orbit phase (LEOP) and in-orbit testing (IOT) phases.

Points of Communication:

SES–STA–20190402–00486 E E170192 Astro Digital US, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 05/07/2019

Class of Station:

On May 7, 2019, Astro Digital was granted special temporary authority for 30 days beginning May 7, 2019 to operate its fixed earth station located at Santa Clara, CA. with the Australian SIRION-1 NGSO satellite in sun-synchronous orbit at 591 kilometers to provide telemetry, tracking and control (TT&C) services in the 402.88-402.92 MHz (Earth-to-space) and the 401.48-401.52 MHz (space-to-Earth) frequency bands

Points of Communication:

SES–STA–20190408–00498 E KA258 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 05/01/2019

Class of Station:

On May 1, 2018, Intelsat License LLC was granted special temporary authority for 60 days, beginning May 1, 2019, to operate its fixed earth station Hagerstown, MD to provide telemetry, tracking and command (TT&C) services for the Galaxy 11 (S2253) satellite during its drift from 44.9 E.L. to 93.1 W.L. orbital location on the following center frequencies: 14000.5 MHz and 14498.5 MHz (Earth-to-space), and 11701.0 MHz and 11702.0 MHz (space-to-Earth).

Points of Communication:

SES–STA–20190408–00500 E E940532 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 05/01/2019

Class of Station:

On May 1, 2019, Intelsat License LLC was granted special temporary authority for 60 days, beginning May 1, 2019, to operate its fixed earth station Ellenwood, GA to provide telemetry, tracking, and command (TT&C) services to the Galaxy 11 (S2253) satellite during its drift from 44.9° E.L. to 93.1° W.L. orbital location on the following center frequencies: 14000.5 MHz and 14498.5 MHz (Earth-to-space), and 11701.0 MHz and 11702.0 MHz (space-to-Earth).

Points of Communication:

SES–STA–20190408–00501 E E140121 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 05/01/2019

Class of Station:

On May 1, 2019, Intelsat License LLC is granted special temporary authority for 60 days, commencing May 1, 2019, to operate its Hagerstown, Maryland earth station, call sign E140121, to provide telemetry, tracking, and command (TT&C) services to the Galaxy 11 (Call Sign S2253) satellite during its drift from 44.9° E.L. to 93.1° W.L. on the following center frequencies: 14000.5 MHz and 14498.5 MHz (Earth-to-space), and 11701.0 MHz and 11702.0 MHz (space-to-Earth).

Points of Communication:

SES-STA-20190412-00506 E E190100 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 05/01/2019

Class of Station:

On May 1, 2019 Intelsat License LLC was granted special temporary authority for 60 days, commencing May 1, 2019, to operate a 1.2-meter antenna located at its Napa, CA teleport to communicate with the Horizons 3e (S2947) satellite at 169° E.L. in the 12.2-12.7 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20190419-00548 E E000277 Globecomm License Sub LLC
Special Temporary Authority
Grant of Authority Date Effective: 05/02/2019

Class of Station:

On May 2, 2019, Globecomm License Sub LLC was granted special temporary authority for 60 days, beginning May 2, 2019, to operate six new, 1.2-meter VSAT remote terminals in Hauppauge, NY to communicate with the AMC-21 (S2676) satellite at the 124.9° W.L. orbital location in the 14.000-14.500 GHz (Earth-to-space), and 11.700-12.200 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20190424-00540 E KB34 Comsat, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 05/01/2019

Class of Station:

On May 1, 2019, Comsat, Inc. was granted special temporary authority for 30 days, beginning May 1, 2019, to operate its fixed earth station in Santa Paula, CA to communicate with the Inmarsat 3F2 Satellite during its drift from the 60° W.L. orbital location to the 170° E.L. orbital location in the 638.900 MHz, 1639.180 MHz and 1639.220 MHz (Earth-to-space), and 1537.290 MHz and 1537.295 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-T/C-20190128-00007 E E000180 Inmarsat Solutions (US) Inc.
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 05/03/2019

Current Licensee: Inmarsat Solutions (US) Inc.

FROM: Inmarsat Investments Limited

TO: Inmarsat New Ventures Limited

No. of Station(s) listed: 7

SES-T/C-20190128-00008 E E090032 ISAT US Inc.
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 05/03/2019

Current Licensee: ISAT US Inc.

FROM: Inmarsat Investments Limited

TO: Inmarsat New Ventures Limited

No. of Station(s) listed: 1

SES-T/C-20190130-00026 E E140029 ISAT US Inc.

Application for Consent to Transfer of Control
Grant of Authority

Date Effective: 05/03/2019

Current Licensee: ISAT US Inc.

FROM: Inmarsat Investments Limited

TO: Inmarsat New Ventures Limited

No. of Station(s) listed: 3

SES-T/C-20190130-00029 E E080059 Inmarsat Inc.

Application for Consent to Transfer of Control
Grant of Authority

Date Effective: 05/03/2019

Current Licensee: Inmarsat Inc.

FROM: Inmarsat Investments Limited

TO: Inmarsat New Ventures Limited

No. of Station(s) listed: 3

SES-T/C-20190130-00030 E E150028 Inmarsat Inc.

Application for Consent to Transfer of Control
Grant of Authority

Date Effective: 05/03/2019

Current Licensee: Inmarsat Inc.

FROM: Inmarsat Investments Limited

TO: Inmarsat New Ventures Limited

No. of Station(s) listed: 1

SURRENDER

SES-LIC-20040909-01358 E040365 Oklahoma State University

License surrendered by letter filed on May 3, 2019.

SES-RWL-20060518-00840 E860880 TDS BROADBAND SERVICE LLC

License surrendered by letter filed on May 3, 2019.

SES-RWL-20110106-00008 KG43 TDS BROADBAND SERVICE LLC

License surrendered by letter filed on May 3, 2019.

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