



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-02169

Wednesday June 5, 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-ASG-20190520-00596 E E181930 WLEX Communications, LLC

Application for Consent to Assignment
Consummated

Date Effective: 05/20/2019

Current Licensee: WLEX Communications, LLC

FROM: WLEX COMMUNICATIONS, LLC

TO: Scripps Broadcasting Holdings LLC

No. of Station(s) listed: 1

SES-ASG-20190520-00597 E E182011 KPAX Communications, LLC

Application for Consent to Assignment
Consummated

Date Effective: 05/20/2019

Current Licensee: KPAX Communications, LLC

FROM: KPAX COMMUNICATIONS, LLC

TO: Scripps Broadcasting Holdings LLC

No. of Station(s) listed: 1

SES-ASG-20190520-00598 E E181725 KXLF Communications, LLC

Application for Consent to Assignment
Consummated

Date Effective: 05/20/2019

Current Licensee: KXLF Communications, LLC

FROM: KXLF Communications, LLC

TO: Scripps Broadcasting Holdings LLC

No. of Station(s) listed: 1

SES-ASG-20190520-00599 E E181721 KRTV Communications, LLC

Application for Consent to Assignment
Consummated

Date Effective: 05/20/2019

Current Licensee: KRTV Communications, LLC

FROM: KRTV Communications, LLC

TO: Scripps Broadcasting Holdings LLC

No. of Station(s) listed: 1

SES-ASG-20190520-00600 E E050213 KATC Communications, LLC

Application for Consent to Assignment
Consummated

Date Effective: 05/20/2019

Current Licensee: KATC Communications, LLC

FROM: KATC Communications, LLC

TO: Scripps Broadcasting Holdings LLC

No. of Station(s) listed: 1

SES-ASG-20190520-00601 E E181750 Connoisseur Media Licenses, LLC

Application for Consent to Assignment
Grant of Authority

Date Effective: 05/31/2019

Current Licensee: Connoisseur Media Licenses, LLC

FROM: Connoisseur Media Licenses, LLC

TO: Desert Mountain Broadcasting Licenses LLC

No. of Station(s) listed: 1

SES-LIC-20181009-03804 E E190107 Southern Uplink LLC

Application for Authority
Grant of Authority

05/29/2019 - 05/29/2034

Date Effective: 05/29/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: AL Uplink

LOCATION: 4600 Glenwood Road, Crenshaw, Glenwood, AL
31 ° 40 ' 29.00 " N LAT.

86 ° 11 ' 44.90 " W LONG.

ANTENNA ID: One 4.5 meters ASC Signal ES45T-HW-1

5925.0000 - 6425.0000 MHz 400KG7W 51.37 dBW Digital modulation of media content at
varying data rates and FEC

5925.0000 - 6425.0000 MHz 12M8G7W 66.42 dBW Digital modulation of media content at
varying data rates and FEC

Points of Communication:

AL Uplink - PERMITTED LIST - ()

SES-LIC-20190312-00371 E E190122 WML Services, LLC

Application for Authority
Grant of Authority

05/31/2019 - 05/31/2034

Date Effective: 05/31/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 7200 Campbellton Rd, Fulton, Atlanta, GA

33 ° 41 ' 27.00 " N LAT.

84 ° 37 ' 18.00 " W LONG.

ANTENNA ID: 1

6.1 meters

Viasat

8060

11700.0000 - 12200.0000 MHz

36M0G7F

0.00 dBW

8PSK, QPSK, digital video

14000.0000 - 14500.0000 MHz

36M0G7F

77.30 dBW

8PSK, QPSK, digital video

Points of Communication:

1 - INTELSAT 11 (S2237) - (43.0 W.L.)

1 - INTELSAT 14 (S2785) - (45.0 W.L.)

1 - INTELSAT 21 (S2863) - (58.0 W.L.)

1 - INTELSAT 23 - (53 W. L.)

1 - INTELSAT 25 (S2804) - (31.5 W.L.)

1 - INTELSAT 29e (S2913) - (50.0 W.L.)

1 - INTELSAT 34(S2915) - (55.5 W.L.)

1 - INTELSAT 35e(S2959) - (34.5 W.L.)

1 - Intelsat 905 (S2409) - (24.5 W.L.)

1 - INTELSAT 907 (S2411) - (27.5 W.L.)

1 - NSS-7 (S2463) - (20 W.L.)

1 - PERMITTED LIST - ()

1 - SES-4 (S2828) - (22.0 W.L.)

1 - SES-6 (S2870) - (40.5 W.L.)

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

SES-LIC-20190320-00387 E E190127 Intelsat License LLC

Application for Authority

05/28/2019 - 05/28/2034

Grant of Authority

Date Effective: 05/28/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, Other

SITE ID: 1

LOCATION: 961 Anselmo Court, Napa, CA

38 ° 14 ' 41.60 " N LAT.

122 ° 16 ' 45.80 " W LONG.

ANTENNA ID:	1	11.1 meters	Vertex-RSI	11.1 Max
6598.5800 - 6618.5800 MHz		20M5G7D	88.10 dBW	TT&C
6649.7300 - 6669.7300 MHz		20M5G7D	79.70 dBW	TT&C
1166.4500 - 1186.4500 MHz		20M5G7D		TT&C
1565.4200 - 1585.4200 MHz		20M5G7D		TT&C

Points of Communication:

1 - GALAXY 30 (S3016) - (125 W.L.)

SES-LIC-20190403-00439 E E190139 WML Services, LLC

Application for Authority

06/04/2019 - 06/04/2034

Grant of Authority

Date Effective: 06/04/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 7200 Campbellton Rd, Fulton, Atlanta, GA

33 ° 41 ' 26.00 " N LAT.

84 ° 37 ' 19.00 " W LONG.

ANTENNA ID:	1	9.3 meters	Andrews	ES93C-1
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5925.0000 - 6425.0000 MHz	36M0G7F	75.46 dBW	8PSK, QPSK, digital video
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Points of Communication:

1 - INTELSAT 35e(S2959) - (34.5 W.L.)

1 - INTELSAT 37e (S2972) - (18.0 W.L.)

1 - Intelsat 905 (S2409) - (24.5 W.L.)

1 - INTELSAT 907 (S2411) - (27.5 W.L.)

1 - NSS-7 (S2463) - (20 W.L.)

1 - PERMITTED LIST - ()

1 - SES-4 (S2828) - (22.0 W.L.)

SES-LIC-20190403-00442 E E190142 WML Services, LLC

Application for Authority

05/31/2019 - 05/31/2034

Grant of Authority

Date Effective: 05/31/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 7200 Campbellton Rd, Fulton, Atlanta, GA
33 ° 41 ' 24.20 " N LAT. 84 ° 37 ' 20.40 " W LONG.

ANTENNA ID: 1 9.1 meters Viasat 8009A
5925.0000 - 6425.0000 MHz 36M0G7F 75.56 dBW 8PSK, QPSK, digital video

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20190403-00443 E E190143 WML Services, LLC
Application for Authority 05/30/2019 - 05/30/2034
Grant of Authority Date Effective: 05/30/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 7200 Campbellton Rd, Fulton, Atlanta, GA
33 ° 41 ' 24.60 " N LAT. 84 ° 37 ' 20.30 " W LONG.

ANTENNA ID: 1 9.1 meters Viasat 8009A
5925.0000 - 6425.0000 MHz 36M0G7F 75.78 dBW 8PSK, QPSK, digital video

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20190403-00459 E E190167 WML Services, LLC
Application for Authority 06/04/2019 - 06/04/2034
Grant of Authority Date Effective: 06/04/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 7200 Campbellton Rd, Fulton, Atlanta, GA
33 ° 41 ' 26.70 " N LAT. 84 ° 37 ' 19.20 " W LONG.

ANTENNA ID: 1 11 meters Viasat 8016
5925.0000 - 6425.0000 MHz 36M0G7F 78.40 dBW 8PSK, QPSK, digital video

Points of Communication:

1 - PERMITTED LIST - ()

1 - SES-4 (S2828) - (22.0 W.L.)

SES-LIC-20190404-00440 E E190140 WML Services, LLC

Application for Authority

06/04/2019 - 06/04/2034

Grant of Authority

Date Effective: 06/04/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, Other

SITE ID: 1

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA

33 ° 47 ' 0.60 " N LAT.

84 ° 23 ' 39.50 " W LONG.

ANTENNA ID: 1 11 meters Scientific Atlanta 8007

5925.0000 - 6175.0000 MHz 36M0G7F 75.30 dBW 8PSK, QPSK, digital video

6175.0000 - 6425.0000 MHz 36M0G7F 75.30 dBW 8PSK, QPSK, digital video

Points of Communication:

1 - INTELSAT 23 - (53 W. L.)

1 - INTELSAT 35e(S2959) - (34.5 W.L.)

1 - INTELSAT 37e (S2972) - (18.0 W.L.)

1 - INTELSAT 903 (S2407) - (31.5 W.L.)

1 - Intelsat 905 (S2409) - (24.5 W.L.)

1 - INTELSAT 907 (S2411) - (27.5 W.L.)

1 - PERMITTED LIST - ()

1 - SES-14 (S2974) - (47.5 W.L.)

1 - SES-4 (S2828) - (22.0 W.L.)

SES-LIC-20190404-00460 E E190168 WML Services, LLC

Application for Authority

06/04/2019 - 06/04/2034

Grant of Authority

Date Effective: 06/04/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA

33 ° 47 ' 2.80 " N LAT.

84 ° 23 ' 41.60 " W LONG.

ANTENNA ID: 1 15.5 meters RSI UAD 15.5

5925.0000 - 6425.0000 MHz 36M0G7F 78.00 dBW 8PSK, QPSK, digital video

Points of Communication:

1 - INTELSAT 11 (S2237) - (43.0 W.L.)

1 - PERMITTED LIST - ()

SES-LIC-20190419-00546 E E190239 Intelsat License LLC

Application for Authority

06/04/2019 - 06/04/2034

Grant of Authority

Date Effective: 06/04/2019

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION:

ANTENNA ID: 1 1 meters AQYR TYPHOON

14000.0000 - 14500.0000 MHz 64K0G7W 39.00 dBW Digital data

14000.0000 - 14500.0000 MHz 10M0G7W 54.00 dBW Digital Data

11700.0000 - 12200.0000 MHz 64K0G7W Digital data

11700.0000 - 12200.0000 MHz 10M0G7W Digital data

SITE ID: 2

LOCATION:

ANTENNA ID: 2 1 meters AQYR TYPHOON

14000.0000 - 14500.0000 MHz 64K0G7W 39.00 dBW Digital data

14000.0000 - 14500.0000 MHz 10M0G7W 54.00 dBW Digital data

11700.0000 - 12200.0000 MHz 64K0G7W Digital data

11700.0000 - 12200.0000 MHz 10M0G7W Digital data

Points of Communication:

1 - PERMITTED LIST - ()

2 - PERMITTED LIST - ()

SES-MOD-20180628-01620 E E3696 Comcast of Florida/Georgia/Illinois/Michigan, LLC

Application for Modification

11/13/2011 - 11/13/2026

Grant of Authority

Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 400 N. OKEFENOKEE, CHARLTON, FOLKSTON, GA
30 ° 50 ' 12.50 " N LAT. 82 ° 0 ' 42.20 " W LONG.

ANTENNA ID:	1	5 meters	MICRODYNE	SATRO-5M
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL VIDEO CARRIER
ANTENNA ID:	2 AFC5M.	5 meters	AFC	5.0 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL VIDEO CARRIER
ANTENNA ID:	3 3.7MProd	3.7 meters	PRODELIN	3.7 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL VIDEO CARRIER
ANTENNA ID:	4 4.6MS-A	4.6 meters	SCIENTIFIC-ATLANTA	4.6 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL VIDEO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180628-01723	E WZ91	Comcast of Nashville I, LLC	
Application for Modification			04/28/2010 - 04/28/2025
Grant of Authority			Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 600 MAINSTREAM DRIVE, DAVIDSON, NASHVILLE, TN
36 ° 11 ' 46.50 " N LAT. 86 ° 48 ' 59.50 " W LONG.

ANTENNA ID:	1	4.3 meters	AFC, CH-14	
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.5 meters	ANTENNA FOR COMMUNICATIONS	
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3 4.5M.SA	4.5 meters	SCIENTIFIC-ATLANTA	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4 5.0M. SA	5 meters	SCIENTIFIC-ATLANTA	5.0 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

ANTENNA ID:	5 3.8M.PAT	3.8 meters	PATRIOT	3.8 METER
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3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
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Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180816-02750	E E010086	DCI II, Inc
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Application for Modification

05/08/2011 - 05/08/2026

Grant of Authority

Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2000 M STREET, NW, DISTRICT OF COLUMB, WASHINGTON, DC

38 ° 54 ' 19.30 " N LAT.

77 ° 2 ' 42.60 " W LONG.

ANTENNA ID:	1	5 meters	AFC	PR 16.4
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6301.3000 - 6360.0000 MHz	36M0F8F	72.30 dBW	ANALOG VIDEO
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5970.3000 - 6009.0000 MHz	36M0F8F	72.30 dBW	ANALOG VIDEO
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5925.0000 - 6425.0000 MHz	15M0G7D	72.30 dBW	DIGITAL DATA
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5925.0000 - 6425.0000 MHz	44K0G7D	47.00 dBW	DIGITAL DATA
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5925.0000 - 6425.0000 MHz	14M0G7F	72.00 dBW	COMPRESSED DIGITAL VIDEO
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3700.0000 - 4200.0000 MHz	15M0G7D	0.00 dBW	DIGITAL DATA
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3700.0000 - 4200.0000 MHz	44K0G7D	0.00 dBW	DIGITAL DATA
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3700.0000 - 4200.0000 MHz	14M0G7F	0.00 dBW	COMPRESSED DIGITAL VIDEO
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3700.0000 - 4200.0000 MHz	36M0F8F	0.00 dBW	ANALOG VIDEO
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ANTENNA ID:	2	4.6 meters	VERTEX COMM.	KPC
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6301.3000 - 6360.0000 MHz	36M0F8F	71.90 dBW	ANALOG VIDEO
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5970.3000 - 6009.0000 MHz	36M0F8F	71.90 dBW	ANALOG VIDEO
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5925.0000 - 6425.0000 MHz	15M0G7D	71.90 dBW	DIGITAL DATA
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5925.0000 - 6425.0000 MHz	44K0G7D	54.82 dBW	DIGITAL DATA
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5925.0000 - 6425.0000 MHz	14M0G7F	71.60 dBW	COMPRESSED DIGITAL VIDEO
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3700.0000 - 4200.0000 MHz	15M0G7D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	44K0G7D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	14M0G7F		COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG VIDEO
ANTENNA ID: 3	4.6 meters	ANDRE CORP.	ESA46
6301.3000 - 6360.0000 MHz	36M0F8F	72.50 dBW	ANALOG VIDEO
5970.3000 - 6009.0000 MHz	36M0F8F	72.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	15M0G7D	73.00 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	44K0G7D	47.70 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	14M0G7F	72.70 dBW	COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	15M0G7D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	44K0G7D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	14M0G7F		COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG VIDEO
ANTENNA ID: 4	3.1 meters	PRODELIN	3.1M.
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES AND MODULATIONS

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180906-02760	E E4931	Scripps Broadcasting Holdings LLC	10/29/2017 - 10/29/2032
Application for Modification			Date Effective: 06/03/2019
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 4270 WLAC TRANSMITTER RD., DAVIDSON, NASHVILLE, TN
36 ° 16 ' 4.40 " N LAT. 86 ° 47 ' 16.40 " W LONG.

ANTENNA ID: 1	5 meters	SCIENTIFIC ATLANTA	8008B
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL MULTIPLEX CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180924-03368 E E060409 WUNC Public Radio, LLC

Application for Modification

11/13/2006 - 11/13/2021

Grant of Authority

Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: HWY 12 South (WBUX), Dare, Buxton, NC

35 ° 16 ' 1.00 " N LAT.

75 ° 32 ' 38.00 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters Prodelin 3.7M.

3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL AUDIO CARRIER

ANTENNA ID: 3.7M.-2 3.7 meters Prodelin 3.7M.

3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL BROADCAST AUDIO CARRIER

3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL BROADCAST AUDIO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180927-02875 E E940106 SES Government Solutions, Inc.

Application for Modification

02/04/2019 - 02/04/2034

Grant of Authority

Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: SCHRIEVER AFB 210 FALCON PARKWAY, EL PASO, COLORADO SPRINGS, CO

38 ° 47 ' 55.50 " N LAT.

104 ° 31 ' 23.70 " W LONG.

ANTENNA ID: 1 11 meters VERTEX 11 KPC

5925.0000 - 6425.0000 MHz 1M06G7D 60.60 dBW

5925.0000 - 6425.0000 MHz 2M06G7D 63.60 dBW

3700.0000 - 4200.0000 MHz 1M06G7D

3700.0000 - 4200.0000 MHz	2M06G7D		
ANTENNA ID: 2	5 meters	SCIENTIFIC-ATLANTA	8008B(5METER)
5925.0000 - 6425.0000 MHz	1M06G7D	56.70 dBW	8PSK-TCP-7/8 North America SCPS
3700.0000 - 4200.0000 MHz	1M06G7D		8PSK-TCP-7/8 North America SCPS
Points of Communication:			
1 - PERMITTED LIST - ()			
SES-MOD-20181016-03614	E E180762	Spectrum Mid-America, LLC	
Application for Modification			06/07/2018 - 06/07/2033
Grant of Authority			Date Effective: 06/03/2019
Class of Station:	Fixed Earth Stations		
Nature of Service:	Fixed Satellite Service		
SITE ID:	1		
LOCATION:	2 Carver Ridge Rd, Greenup, South Shore, KY		
	38 ° 40 ' 25.80 " N LAT.	82 ° 59 ' 8.80 " W LONG.	
ANTENNA ID: 1	5 meters	SCIENTIFIC ATLANTA	UNKNOWN
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 2	5 meters	SCIENTIFIC ATLANTA	UNKNOWN
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 3	5 meters	SCIENTIFIC ATLANTA	UNKNOWN
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 4	3.8 meters	PATRIOT	UNKNOWN
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
Points of Communication:			
1 - PERMITTED LIST - ()			
SES-MOD-20181219-03617	E E090001	KVH Industries, Inc.	
Application for Modification			12/15/2009 - 12/15/2024
Grant of Authority			Date Effective: 06/04/2019
Class of Station:	Other		
Nature of Service:	Fixed Satellite Service, Other		

SITE ID: ESV NET3
LOCATION: (MOBILE 1.0METER) (250 UNITS), CONUS, HI, AK USTERR

ANTENNA ID:	ESV3	1 meters	MELCO	KU-MATE(SX-5300)
14000.0000 - 14500.0000 MHz		36M0G7D	49.00 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz		27M0G7D	49.00 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz		18M0G7D	49.00 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
11700.0000 - 12200.0000 MHz		36M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11700.0000 - 12200.0000 MHz		27M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11700.0000 - 12200.0000 MHz		18M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11450.0000 - 11700.0000 MHz		36M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11450.0000 - 11700.0000 MHz		27M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11450.0000 - 11700.0000 MHz		18M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
10950.0000 - 11200.0000 MHz		36M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
10950.0000 - 11200.0000 MHz		27M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
10950.0000 - 11200.0000 MHz		18M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE

SITE ID: ESV NET1
LOCATION: (MOBILE 0.6METER) 3500 UNITS, CARIBBEAN AND COASTAL AREA, CONUS, GM

ANTENNA ID:	ESV1	0.6 meters	KVH INDUSTRIES, INC.	TRACPHONE V7
	14000.0000 - 14500.0000 MHz	36M0G7D	42.40 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
	14000.0000 - 14500.0000 MHz	18M0G7D	42.40 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
	14000.0000 - 14500.0000 MHz	27M0G7D	42.40 dBW	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	14000.0000 - 14500.0000 MHz	1M80G7D	41.15 dBW	DATA SERVICES
	11700.0000 - 12200.0000 MHz	36M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11700.0000 - 12200.0000 MHz	18M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11700.0000 - 12200.0000 MHz	1M80G7D		DATA SERVICES
	11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11450.0000 - 11700.0000 MHz	1M80G7D		DATA SERVICES
	10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	10950.0000 - 11200.0000 MHz	1M80G7D		DATA SERVICES
SITE ID:	ESV NET2			
LOCATION:	(MOBILE 0.37METER) 50 ENTERPRISE CENTER, VARIOUS (1000 UNITS)			
ANTENNA ID:	ESV2	0.37 meters	TRACPHONE	V3
	14000.0000 - 14500.0000 MHz	36M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.

14000.0000 - 14500.0000 MHz	27M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	18M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	6M87G7W	38.02 dBW	Digital Data Services
11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	36M0G7D		DATA SERVICES
11700.0000 - 12200.0000 MHz	18M0G7D		DATA SERVICES
11700.0000 - 12200.0000 MHz	5M00G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	6M87G7W		Digital Data Services
11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11450.0000 - 11700.0000 MHz	5M00G7W		Digital Data Services
11450.0000 - 11700.0000 MHz	6M87G7W		Digital Data Services
10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
10950.0000 - 11200.0000 MHz	5M00G7W		Digital Data Services
10950.0000 - 11200.0000 MHz	6M87G7W		Digital Data Services
1400.0000 - 14500.0000 MHz	5M00G7W	38.02 dBW	Digital Data Services
SITE ID: ESV NET4 LOCATION: (MOBILE 1.0METER) 50 ENTERPRISE CENTER, VARIOUS (500 UNITS)			
ANTENNA ID: ESV4	1 meters	KVH INDUDTRIES	TRACPHONE V11
14000.0000 - 14500.0000 MHz	27M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.

14000.0000 - 14500.0000 MHz	36M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	18M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
11700.0000 - 12200.0000 MHz	36M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	18M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
14000.0000 - 14500.0000 MHz	250KG7D	36.94 dBW	Digital Data Services
11700.0000 - 12200.0000 MHz	250KG7D		Digital Data Services
11450.0000 - 11700.0000 MHz	250KG7D		Digital Data Services
10950.0000 - 11200.0000 MHz	250KG7D		Digital Data Services

Points of Communication:

ESV NET1 - EUTELSAT 172A(S2610) - (174 E. L.)

ESV NET1 - PERMITTED LIST - ()

ESV NET2 - EUTELSAT 172A(S2610) - (174 E. L.)

ESV NET2 - PERMITTED LIST - ()

ESV NET3 - EUTELSAT 172A(S2610) - (174 E. L.)

ESV NET3 - TELSTAR 11N (S2357) - (37.5 W.L.)

ESV NET4 - EUTELSAT 172A(S2610) - (174 E. L.)

ESV NET4 - PERMITTED LIST - ()

ESV NET4 - TELSTAR 11N (S2357) - (37.5 W.L.)

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 9721 SHERRILL BOULEVARD, KNOX, KNOXVILLE,, TN
35 ° 54 ' 57.50 " N LAT. 84 ° 6 ' 40.80 " W LONG.

ANTENNA ID:	1	7.6 meters	ANDREW CORP.	ES76
	5925.0000 - 6425.0000 MHz	36M0F8W	79.20 dBW	ANALOG VIDEO, W/AUDIO & DATA SUBCARRIERS
	5925.0000 - 6425.0000 MHz	36M0G7W	79.20 dBW	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
	5850.0000 - 6425.0000 MHz	36M0G7W	79.20 dBW	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
	3700.0000 - 4200.0000 MHz	36M0F8W		ANALOG VIDEO, W/AUDIO & DATA SUBCARRIERS
	3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
	3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
ANTENNA ID:	2	8.1 meters	VERTEX	8.1KPC
	5925.0000 - 6425.0000 MHz	36M0F8W	79.20 dBW	ANALOG VIDEO W/AUDIO & DATA SUBCARRIERS
	5925.0000 - 6425.0000 MHz	36M0G7W	79.20 dBW	DIGITAL VIDEO, AUDIO, DATA & TELEMETRY
	5850.0000 - 6425.0000 MHz	36M0G7W	79.20 dBW	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
	3700.0000 - 4200.0000 MHz	36M0F8W	0.00 dBW	ANALOG VIDEO W/AUDIO & DATA SUBCARRIERS
	3700.0000 - 4200.0000 MHz	36M0F7W	0.00 dBW	DIGITAL VIDEO, AUDIO, DATA & TELEMETRY
	3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
ANTENNA ID:	3	9 meters	VERTEX	9.0KXC
	5850.0000 - 6425.0000 MHz	36M0G7W	79.24 dBW	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY

3700.0000 - 4200.0000 MHz

36M0G7W

DIGITAL VIDEO, AUDIO, DATA, &
TELEMETRY

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02423 E E181543 KERSHAW RADIO CORPORATION

Registration

07/17/2018 - 07/17/2033

Grant of Authority

Date Effective: 06/04/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: #5 The Commons Ward Road, Kershaw County, Lugoff, SC

34 ° 13 ' 27.00 " N LAT.

80 ° 40 ' 43.00 " W LONG.

ANTENNA ID: 1

3.3 meters

AFC Antennas

3.3-meter

3700.0000 - 4200.0000 MHz

30K0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180803-02666 E E181717 Comcast Cable Communications Management, LLC

Registration

07/22/2018 - 07/22/2033

Grant of Authority

Date Effective: 05/28/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1846 Hamilton Avenue, Hamilton, Jennings, FL

30 ° 35 ' 40.00 " N LAT.

83 ° 6 ' 57.00 " W LONG.

ANTENNA ID: 5M.

5 meters

Microdyne

SATRO-5-M

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180803-03380 E E181975 Blanchard River Broadcasting Company, Inc.

Registration

08/02/2018 - 08/02/2033

Grant of Authority

Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 419 West McPherson Street, Hancock, Findlay, OH
41 ° 1 ' 21.20 " N LAT. 83 ° 39 ' 22.40 " W LONG.

ANTENNA ID: Ant1 3.7 meters Dawn Co D37F48-4PC-5.5
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Analog Video with associated subcarriers
ANTENNA ID: Ant2 3.1 meters Patroit 3.1M Prime Focus
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Analog Video with associated subcarriers

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20180809-03376 E E181971 Metroplex Communications, Inc.
Registration 07/30/2018 - 07/30/2033
Grant of Authority Date Effective: 06/03/2019
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 227 Market St, MADISON, ALTON, IL
38 ° 53 ' 26.30 " N LAT. 90 ° 11 ' 6.10 " W LONG.

ANTENNA ID: 3.8PA 3.8 meters PARACLIPSE 38PE1
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180810-03848 E E190179 Vyve Broadband A
Registration 08/09/2018 - 08/09/2033
Grant of Authority Date Effective: 06/03/2019
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1650 West Side Road, Pittsburg, McAlester, OK
34 ° 56 ' 7.10 " N LAT. 95 ° 47 ' 12.60 " W LONG.

ANTENNA ID: 1 2.8 meters Scientific Atlanta 2.8m
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital video and data

ANTENNA ID:	2	3.8 meters	Prodelin	3.8m
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and data
ANTENNA ID:	3	3.8 meters	Comtech	3.8m
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and data
ANTENNA ID:	4	3.8 meters	Patriot	3.8m
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and data
ANTENNA ID:	5	6 meters	Anixter/Mark	6m
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and data
ANTENNA ID:	6	6 meters	ASC Signal	6m
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180810-03850	E	E190181	Vyve Broadband A	
Registration				08/09/2018 - 08/09/2033
Grant of Authority				Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 200 Cunsy Rd, Logan, Langston, OK
35 ° 56 ' 25.70 " N LAT. 97 ° 15 ' 24.40 " W LONG.

ANTENNA ID:	1	3.2 meters	Patriot	3.2
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and data
ANTENNA ID:	2	4 meters	Patriot	4.0m
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and data
ANTENNA ID:	3	4 meters	DH Satellite	4.0m
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and data

Points of Communication:

1 - PERMITTED LIST - ()

1 - PERMITTED LIST - ()

SES-REG-20180810-03853 E E190184 Vyve Broadband A

Registration

08/09/2018 - 08/09/2033

Grant of Authority

Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: KS-31, Anderson, Garnett, KS

38 ° 17 ' 46.60 " N LAT.

95 ° 16 ' 32.20 " W LONG.

ANTENNA ID:	1	4.5 meters	Patriot	PRT-450
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and data
ANTENNA ID:	2	4.8 meters	Patriot	4.8m
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and data
ANTENNA ID:	3	6.8 meters	Scientific Atlanta	6.8m
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and data
ANTENNA ID:	4	4.5 meters	Scientific Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and data
ANTENNA ID:	5	6 meters	Scientific Atlanta	8060
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and data
ANTENNA ID:	6	4.8 meters	DH Satellite	4.8m
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180810-03854 E E190185 Vyve Broadband A

Registration

08/09/2018 - 08/09/2033

Grant of Authority

Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1001 W Main St, Wise, Decatur, TX

33 ° 14 ' 7.60 " N LAT.

97 ° 35 ' 58.00 " W LONG.

ANTENNA ID:	1	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and data
ANTENNA ID:	2	3.8 meters	Prodelin	3.8m
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180816-03379	E	E181974	Consolidated Communications Enterprise Services, Inc.	
Registration				08/16/2018 - 08/16/2033
Grant of Authority				Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5411 Luce Avenue, McClellan, Sacramento, CA
40 ° 54 ' 54.02 " N LAT. 84 ° 3 ' 33.02 " W LONG.

ANTENNA ID:	ColGr4	5.5 meters	AFC	5.5M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Analog and digital video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180820-03381	E	E181976	Jackson Hearst Television Inc.	
Registration				08/20/2018 - 08/20/2033
Grant of Authority				Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 7616 Channel 16 Way (WAPT Studio), Hinds, Jackson, MS
32 ° 16 ' 40.60 " N LAT. 90 ° 17 ' 42.90 " W LONG.

ANTENNA ID:	Dish 1	4.5 meters	Patriot	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	Dish 2	4.5 meters	DH Satellite	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	Dish 3	4.5 meters	DH Satellite	4.5 meter

3700.0000 - 4200.0000 MHz	36M0G7W	Digital video, audio, data
ANTENNA ID: Dish 4	4.5 meters	DH Satellite
4.5 meter		
3700.0000 - 4200.0000 MHz	36M0G7W	Digital video, audio, data
ANTENNA ID: Pathfire	3.1 meters	Patriot
3.1 meter		
3700.0000 - 4200.0000 MHz	36M0G7W	Digital video, audio, data
ANTENNA ID: MeTV PRI	3.7 meters	Prodelin
3.7 meter		
3700.0000 - 4200.0000 MHz	36M0G7W	Digital video, audio, data
ANTENNA ID: MeTV BU	3.4 meters	Prodelin
3.4 meter		
3700.0000 - 4200.0000 MHz	36M0G7W	Digital video, audio, data
ANTENNA ID: ABC BU	4.5 meters	Andrew
4.5 meter		
3700.0000 - 4200.0000 MHz	36M0G7W	Digital video, audio, data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180822-03872	E E190204	Bible Broadcasting Network, Inc.	08/22/2018 - 08/22/2033
Registration			Date Effective:
Grant of Authority			06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Fort Hill, Marion, Fairmont, WV
39 ° 31 ' 38.20 " N LAT.

80 ° 9 ' 15.40 " W LONG.

ANTENNA ID: 1	3 meters	Channel Master	6346-6969
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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital audio and data
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Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180827-03375	E E181970	Entravision Holdings, LLC	08/27/2018 - 08/27/2033
Registration			Date Effective:
Grant of Authority			06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1907 Mile High Stadium Circle, Denver, Denver, CO
39 ° 44 ' 48.00 " N LAT. 105 ° 1 ' 25.70 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech 829165-G1
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Data/Digital Audio/Digital Video
ANTENNA ID: 2 3.7 meters Comtech 1374
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Data/Digital Audio/Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180905-03715 E E190073 Scripps Broadcasting Holdings LLC
Registration 09/05/2018 - 09/05/2033
Grant of Authority Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1391 North Road, Brown, Green Bay, WI
44 ° 29 ' 27.00 " N LAT. 88 ° 5 ' 32.40 " W LONG.

ANTENNA ID: 1 5 meters DH Satellite 5.0M.
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier
ANTENNA ID: 2 3.7 meters Prodelin 3.7M.
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181002-03795 E E190098 Bay Country Communications
Registration 10/02/2018 - 10/02/2033
Grant of Authority Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 502 Railroad Ave, Dorchester, East New Market, MD
38 ° 35 ' 51.36 " N LAT. 75 ° 54 ' 55.41 " W LONG.

ANTENNA ID: 1 4 meters Scientific Atlanta SA1000

3700.0000 - 4200.0000 MHz

36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-03601 E E190001 Cox Communications Kansas, LLC

Registration

07/24/2018 - 07/24/2033

Grant of Authority

Date Effective: 05/28/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 10851 W. Frontview, Ford, Dodge City, KS

37 ° 46 ' 46.10 " N LAT.

100 ° 3 ' 41.30 " W LONG.

ANTENNA ID: 5M.

5 meters

DAWNco DH

5 meter

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-03603 E E190003 Cox Communications Kansas, LLC

Registration

07/24/2018 - 07/24/2033

Grant of Authority

Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 10851 W. Frontview, Ford, Dodge City, KS

37 ° 46 ' 45.80 " N LAT.

100 ° 3 ' 41.80 " W LONG.

ANTENNA ID: 5M.

5 meters

DAWNco DH

5 meter

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-03604 E E190004 Cox Communications Kansas, LLC

Registration

07/24/2018 - 07/24/2033

Grant of Authority

Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 10851 W. Frontview, Ford, Dodge City, KS
37 ° 46 ' 46.10 " N LAT. 100 ° 3 ' 41.10 " W LONG.

ANTENNA ID: 5M. 5 meters DAWNco DH 5 meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-03605 E E190005 Cox Communications Kansas, LLC
Registration 07/24/2018 - 07/24/2033
Grant of Authority Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 10851 W. Frontview, Ford, Dodge City, KS
37 ° 46 ' 45.80 " N LAT. 100 ° 3 ' 41.60 " W LONG.

ANTENNA ID: 5M. 5 meters DAWNco DH 5 meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-03606 E E190006 Cox Communications Kansas, LLC
Registration 07/24/2018 - 07/24/2033
Grant of Authority Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 10851 W. Frontview, Ford, Dodge City, KS
37 ° 46 ' 46.10 " N LAT. 100 ° 3 ' 41.80 " W LONG.

ANTENNA ID: 5M. 5 meters DAWNco DH 5 meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

07/24/2018 - 07/24/2033
Date Effective: 06/03/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4902 S 48th St, Washington, Springdale, AR
36 ° 8 ' 27.40 " N LAT. 94 ° 10 ' 34.90 " W LONG.

ANTENNA ID:	5M.	5 meters	DAWNco DH	5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

Renewal	05/24/2019 - 05/24/2034
Grant of Authority	Date Effective: 05/30/2019

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 2108 West Springfield Avenue, Champaign, Champaign, IL
40 ° 6 ' 48.90 " N LAT. 88 ° 17 ' 3.30 " W LONG.

ANTENNA ID:	1	2.4 meters	Channel Master	243
14000.0000 - 14500.0000 MHz		230KG7D	52.20 dBW	Digital Data, QPSK, 1/2 FEC, 192 kbps
11700.0000 - 12200.0000 MHz		230KG7D		Digital Data, QPSK, 1/2 FEC, 192 kbps

Points of Communication:

1 - PERMITTED LIST - ()

Renewal	05/13/2019 - 05/13/2034
Grant of Authority	Date Effective: 06/04/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1 N B C NewsDC
LOCATION: 400 NORTH CAPITOL STREET (NEWSCHANNEL DC), WASHINGTON, WASHINGTON, DC
38 ° 53 ' 44.90 " N LAT. 77 ° 0 ' 36.20 " W LONG.

ANTENNA ID:	400CAPITOL	2.4 meters	ASC SIGNAL	ES37MPJK-1
	14000.0000 - 14500.0000 MHz		36M0G7W 74.97 dBW	CARRIER PHASE MODULATED WITH DIGITAL VIDEO, AUDIO AND/OR DATA
	14000.0000 - 14500.0000 MHz		2M00G7W 66.98 dBW	CARRIER PHASE MODULATED WITH DIGITAL VIDEO, AUDIO AND/OR DATA
	11700.0000 - 12200.0000 MHz		36M0G7W	CARRIER PHASE MODULATED WITH DIGITAL VIDEO, AUDIO AND/OR DATA
	11700.0000 - 12200.0000 MHz		2M00G7W	CARRIER PHASE MODULATED WITH DIGITAL VIDEO, AUDIO AND/OR DATA

Points of Communication:

1 N B C NewsDC - PERMITTED LIST - ()

SES-RWL-20190513-00606	E	E040257	Spectrum Mid-America, LLC	07/14/2019 - 07/14/2034
Renewal				Date Effective: 05/29/2019
Grant of Authority				

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 6550 WINCHESTER AVE (DSNG), JACKSON, KANSAS CITY, MO

ANTENNA ID:	DSNG	1.5 meters	SAT-LITE	1411
	14000.0000 - 14500.0000 MHz		36M0G7W 62.15 dBW	COMPRESSED DIGITAL VIDEO AND AUDIO

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20190515-00609	E	E040240	Live Mobile Group LLC	07/06/2019 - 07/06/2034
Renewal				Date Effective: 05/29/2019
Grant of Authority				

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: VARIOUS

ANTENNA ID:	1	2.4 meters	AVL TECHNOLOGIES	2400
	14000.0000 - 14500.0000 MHz		24M0G7F 65.10 dBW	PSK Digital w/dig. audio/data

14000.0000 - 14500.0000 MHz	36M0F8F	76.20 dBW	Analog video with associated audio subcarrier
14000.0000 - 14500.0000 MHz	24M0F8F	73.55 dBW	Analog Video with associated audio subcarrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20190516-00618 E E040244 Georgia Television, LLC
Renewal 07/07/2019 - 07/07/2034
Grant of Authority Date Effective: 05/28/2019

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 1601 WEST PEACHTREE STREET, NE ATLANTA, FULTON, GA 30309, VARIOUS

ANTENNA ID: 1 1.2 meters AVL TECHNOLOGY AVL1.2MUSA

14000.0000 - 14500.0000 MHz 36M0F7F 64.47 dBW DIGITAL CARRIER USED FOR VIDEO/VOICE/DATA

11700.0000 - 12200.0000 MHz 36M0F7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20190528-00623 E E040188 Arctek Satellite Productions, LLC
Renewal 06/03/2019 - 06/03/2034
Grant of Authority Date Effective: 05/28/2019

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: Various, Various, Various

ANTENNA ID: 1 1.8 meters Vertex/RSI 1.8 SMK-LT

14000.0000 - 14500.0000 MHz 36M0F8W 73.49 dBW One wideband 36 mHz frequency modulation video carrier with associated audio and ATIS subcarriers.

14000.0000 - 14500.0000 MHz 36M0G7W 73.49 dBW One 36 Mbit MCPC digital carrier for voice/data.

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20190426-00552 E E050169 Intelsat License LLC

Special Temporary Authority
Grant of Authority

Date Effective: 05/31/2019

Class of Station:

On May 31, 2019, Intelsat License LLC was granted special temporary authority for 30 days, beginning June 2, 2019, to operate its Ku band VSAT terminal in Ellenwood, GA with the Horizons 1 (S2475) satellite at the 127.0 ° W.L. orbital location in the 14346.5-14358.0 (Earth-to-space) and 12046.5-12058.0 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20190510-00585 E KA275 Intelsat License LLC

Special Temporary Authority
Grant of Authority

Date Effective: 05/31/2019

Class of Station:

On May 31, 2019 Intelsat License LLC was granted special temporary authority for 30 days, beginning June 1, 2019, for 30 days to operate its Ku-band fixed earth station in Mountainside, MD to provide telemetry, tracking, and command services for the Galaxy 25 (S2154) during its satellite's drift from 93.1° W.L. to 32.9° E.L. on the following center frequencies: 5926.5 MHz and 6423.5 MHz Earth-to-space) and 4195.5 MHz and 4199.5 (space-to-Earth).

Points of Communication:

SES-STA-20190510-00586 E E000296 Intelsat License LLC

Special Temporary Authority
Grant of Authority

Date Effective: 05/31/2019

Class of Station:

On May 31, 2019, Intelsat License LLC was granted special temporary authority for 30 days, beginning June 1, 2019, to operate its Ku-band fixed earth station in Mountainside, MD to provide telemetry, tracking, and command services for the Galaxy 25 (S2154) satellite during its drift from 93.1° W.L. to 32.9° E.L. orbital location on the following center frequencies: 5926.5 MHz and 6423.5 MHz (Earth-to-space), and 4195.5 MHz and 4199.5 (space-to-Earth).

Points of Communication:

SES-STA-20190516-00661 E E000296 Intelsat License LLC

Special Temporary Authority
Grant of Authority

Date Effective: 05/31/2019

Class of Station:

On May 31, 2019, Intelsat License LLC was granted special temporary authority for 30 days, beginning June 1, 2019, to operate its C-band fixed earth station in Hagerstown, MD to provide telemetry, tracking, and command services for the Intelsat 904 (S2408) satellite during its drift from 45.1 E.L. to 29.5 W.L. and on station at 29.5 W.L. orbital location on the following center frequencies: 6173.7 MHz and 6176.3 MHz (Earth-to-space), and 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, and 3952.5 MHz (space-to-Earth).

Points of Communication:

SES-STA-20190516-00662 E EO30306 Intelsat License LLC

Special Temporary Authority
Grant of Authority

Date Effective: 05/31/2019

Class of Station:

On May 31, 2019, Intelsat License LLC was granted special temporary authority for 30 days, beginning June 1, 2019, to operate its C-band fixed earth station in Ellenwood, GA to provide telemetry, tracking and command services for the Intelsat 904 (S2408) satellite during its drift from 45.1 E.L. to 29.5 W.L. and on station at the 29.5 W.L. orbital location on the following center frequencies: 6173.7 MHz and 6176.3 MHz (Earth-to-space), and 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, and 3952.5 MHz (space-to-Earth).

Points of Communication:

SES-STA-20190516-00663 E KA275 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 05/31/2019

Class of Station:

On May 31, 2019, Intelsat License LLC was granted special temporary authority for 30 days, beginning June 1, 2019, to operate its 9-meter C-band fixed earth station in Hagerstown, MD to provide telemetry, tracking and command services for the Intelsat 904 (S2408) satellite during its drift from 45.1 E.L. to 29.5 W.L. and on station at 29.5 W.L. orbital location on the following center frequencies: 6173.7 MHz and 6176.3 MHz (Earth-to-space), and 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, and 3952.5 MHz (space-to-Earth).

Points of Communication:

Dismissal

SES-STA-20190521-00614 E190168 WML Services, LLC

Application is dismissed, SES-LIC-20190404-00460 has been granted.

SES-STA-20190521-00615 E190143 WML Services, LLC

Application is dismissed, SES-LIC-20190403-00443 has been granted.

SURRENDER

SES-LIC-20060407-00594 E060108 Intelsat License LLC

License is surrendered by letter filed on May 24, 2019.

SES-LIC-20061222-02243 E060446 Globecomm License Sub LLC

License is surrendered by letter filed on May 28, 2019.

SES-LIC-20070827-01132 E070189 RigNet SatCom, Inc.

License surrendered by letter filed on May 30, 2019.

SES-MOD-20090702-00822 E970321 Discovery World Television, Inc.

License is surrendered by letter filed on May 28, 2019.

SES-MOD-20160219-00163 E980122 Globecomm License Sub LLC

License is surrendered by letter filed on May 28, 2019.

SES-REG-20040809-01117 E040329 Discovery World Television, Inc.

License is surrendered by letter filed on May 28, 2019.

SES-REG-20040809-01118 E040330 Discovery World Television, Inc.

License is surrendered by letter filed on May 28, 2019.

SES-REG-20041211-01819 E040460 Tennessee Telephone Company

License is surrendered by letter filed on May 16, 2019.

SES-REG-20050211-00173 E050036 KAAL-TV, LLC

License is surrendered by letter filed on May 28, 2019.

SES-REG-20100217-00206 E100031 CSC TKR LLC

License surrendered by letter filed on May 29, 2019.

SES-REG-20100217-00207 E100032 Cablevision of Warwick, LLC

License surrendered by letter filed on May 29, 2019.

SES-REG-20100217-00208 E100033 Cablevision of Rockland/Ramapo, LLC

License surrendered by letter filed on May 29, 2019.

SES-REG-20120718-00662 E120127 NBC Telemundo License LLC

License is surrendered by letter filed on May 28, 2019.

SURRENDER

SES-REG-20180601-00942	E180514	Comcast Cable Communications Management, LLC
License surrendered by letter filed on May 29, 2019.		
SES-REG-20180615-01238	E180695	Comcast Cable Communications Management, LLC
License surrendered by letter filed on May 29, 2019.		
SES-RWL-20041019-01566	E8036	Cablevision Systems East Hampton Corporation
License surrendered by letter filed on May 29, 2019.		
SES-RWL-20050907-01218	E950491	NBC Telemundo License LLC
License is surrendered by letter filed on May 28, 2019.		
SES-RWL-20050916-01270	E9199	Cablevision of Newark
License surrendered by letter filed on May 29, 2019.		
SES-RWL-20050916-01271	E960035	CSC TKR LLC
License surrendered by letter filed on May 29, 2019.		
SES-RWL-20060405-00567	WN20	Cablevision of Monmouth LLC
License surrendered by letter filed on May 29, 2019.		
SES-RWL-20060405-00568	E860650	Cablevision of Wappingers Falls, Inc.
License surrendered by letter filed on May 29, 2019.		
SES-RWL-20060720-01218	E860972	Cablevision of Litchfield, Inc.
License surrendered by letter filed on May 29, 2019.		
SES-RWL-20061102-01937	E865061	Cablevision of Paterson, LLC
License surrendered by letter filed on May 29, 2019.		
SES-RWL-20070308-00320	E6555	CBS Communications Services Inc.
License is surrendered by letter filed on May 16, 2019.		
SES-RWL-20070410-00467	E870542	NBC Telemundo License LLC
License is surrendered by letter filed on May 28, 2019.		
SES-RWL-20090206-00156	E890163	Cablevision Systems New York City Corporation
License surrendered by letter filed on May 28, 2019.		
SES-RWL-20090206-00157	E890162	Cablevision Systems New York City Corporation
License surrendered by letter filed on May 28, 2019.		
SES-RWL-20100620-00727	E000474	ION Media License Company, LLC
License surrendered by letter filed on May 28, 2019.		
SES-RWL-20100907-01137	E900563	ION Media Houston License, Inc.
License surrendered by letter filed on May 28, 2019.		
SES-RWL-20110202-00100	E2989	CSC TKR LLC
License surrendered by letter filed on May 29, 2019.		
SES-RWL-20110420-00482	KH54	Cebridge Acquisition, L.P.
License surrendered by letter filed on May 28, 2019.		
SES-RWL-20110627-00740	WJ56	Cablevision Systems Long Island Corporation
License surrendered by letter filed on May 28, 2019.		
SES-RWL-20120419-00375	WQ98	Cablevision of Monmouth LLC
License surrendered by letter filed on May 29, 2019.		
SES-RWL-20180727-02019	KP25	Regents of the University of Minnesota
License surrendered by letter filed on May 31, 2019.		
SES-RWL-20181003-03061	E030315	BOARD OF REGENTS, SOUTHEAST MISSOURI STATE UNIVERSITY
License surrendered by letter filed on May 29, 2019.		

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