



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-02102

Wednesday October 3, 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-20180921-02819 E E181676 WTOL License Subsidiary, LLC
Amendment
Withdrawn Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 730 N Summit St., Lucas, Toledo, OH
41 ° 39 ' 18.70 " N LAT. 83 ° 31 ' 44.10 " W LONG.

ANTENNA ID: 1 4.5 meters SSE 8345
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-ASG-20161123-00905 E E050335 Anadarko Petroleum Corporation
Application for Consent to Assignment
Grant of Authority Date Effective: 02/15/2017

Current Licensee: Anadarko Petroleum Corporation

FROM: ANADARKO PETROLEUM CORPORATION

TO: Anadarko Petroleum Corporation

No. of Station(s) listed: 1

Applicant request the Commission by letter filed October 2, 2018, to withdraw this assignment of license from Anadarko Petroleum Corporation to Genesis Offshore Holdings, LLC.

SES-ASG-20180418-00558 E E050235 MW3, LLC

Application for Consent to Assignment
Grant of Authority

Date Effective: 10/01/2018

Current Licensee: MW3, LLC

FROM: MW3, LLC

TO: BFI Licenses, LLC

No. of Station(s) listed: 1

SES-MFS-20180102-00001 E E950202 Vyvx, LLC

Modification

09/29/2005 - 09/29/2020

Grant of Authority

Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service, Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1

LOCATION: 20021 Santa Rose Mine Road, RIVERSIDE, PERRIS, CA

33 ° 45 ' 29.40 " N LAT.

117 ° 18 ' 53.90 " W LONG.

ANTENNA ID:	1	8.2 meters	COMSAT RSI	820KS200
	14000.0000 - 14500.0000 MHz	128KG1D	52.50 dBW	LOW RATE DIGITAL DATA SCPC
	14000.0000 - 14500.0000 MHz	36M0F8F	76.90 dBW	ANALOG TELEVISION AND ASSOCIATED AUDIO
	14000.0000 - 14500.0000 MHz	36M0G1D	76.90 dBW	DS3 DIGITAL DATA CARRIER
	14000.0000 - 14500.0000 MHz	8M00G1D	70.70 dBW	HIGH SPEED DATA SCPC
	14000.0000 - 14500.0000 MHz	2M05G1D	64.80 dBW	DIGITAL DATA SCPC
	14000.0000 - 14500.0000 MHz	1M54G1D	63.10 dBW	T1 DIGITAL DATA SCPC
	11700.0000 - 12200.0000 MHz	36M0F8F		ANALOG TELEVISION AND ASSOCIATED AUDIO
	11700.0000 - 12200.0000 MHz	36M0G1D		DS3 DIGITAL DATA CARRIER
	11700.0000 - 12200.0000 MHz	8M00G1D		HIGH SPEED DATA SCPC
	11700.0000 - 12200.0000 MHz	2M05G1D		DIGITAL DATA SCPC
	11700.0000 - 12200.0000 MHz	1M54G1D		T1 DIGITAL DATA SCPC
	11700.0000 - 12200.0000 MHz	128KG1D		LOW RATE DIGITAL DATA SCPC
ANTENNA ID:	2	6.1 meters	VERTEX	6.1KPK
	14000.0000 - 14500.0000 MHz	36M0F8F	76.90 dBW	ANALOG TELEVISION AND ASSOCIATED AUDIO

14000.0000 - 14500.0000 MHz	36M0G1F	76.90 dBW	Digital TELEVISION AND ASSOCIATED AUDIO
14000.0000 - 14500.0000 MHz	8M00G7F	70.70 dBW	Digital TELEVISION AND ASSOCIATED AUDIO
14000.0000 - 14500.0000 MHz	36M0G1D	76.90 dBW	DS3 DIGITAL DATA CARRIER
14000.0000 - 14500.0000 MHz	8M00G7D	70.70 dBW	DIGITAL DATA CARRIER
14000.0000 - 14500.0000 MHz	2M05G1D	64.80 dBW	DIGITAL DATA SCPC
14000.0000 - 14500.0000 MHz	1M54G1D	63.10 dBW	T1 DIGITAL DATA SCPC
14000.0000 - 14500.0000 MHz	128KG1D	52.50 dBW	LOW RATE DIGITAL DATA SCPC
13750.0000 - 14500.0000 MHz	36M0F8F	76.90 dBW	ANALOG TELEVISION AND ASSOCIATED AUDIO via Nahuel C
13750.0000 - 14500.0000 MHz	36M0G1D	76.90 dBW	DS3 DIGITAL DATA CARRIER via Nahuel C
13750.0000 - 14500.0000 MHz	8M00G1D	70.70 dBW	HIGH SPEED DATA SCPC via Nahuel C
13750.0000 - 14000.0000 MHz	2M05G1D	68.00 dBW	DIGITAL DATA SCPC via Nahuel C
13750.0000 - 14000.0000 MHz	1M54G1D	68.00 dBW	T1 DIGITAL DATA SCPC via Nahuel C
13750.0000 - 14000.0000 MHz	128KG1D	68.00 dBW	LOW RATE DIGITAL DATA SCPC via Nahuel C
11700.0000 - 12200.0000 MHz	36M0F8F		ANALOG TELEVISION AND ASSOCIATED AUDIO
11700.0000 - 12200.0000 MHz	36M0G1D		DS3 DIGITAL DATA CARRIER
11700.0000 - 12200.0000 MHz	8M00G1D		HIGH SPEED DATA SCPC
11700.0000 - 12200.0000 MHz	2M05G1D	0.00 dBW	DIGITAL DATA SCPC
11700.0000 - 12200.0000 MHz	1M54G1D	0.00 dBW	T1 DIGITAL DATA SCPC
11700.0000 - 12200.0000 MHz	128KG1D	0.00 dBW	LOW RATE DIGITAL DATA SCPC
11450.0000 - 11700.0000 MHz	36M0F8F		ANALOG TELEVISION AND ASSOCIATED AUDIO via Nahuel C
11450.0000 - 11700.0000 MHz	36M0G1D		DS3 DIGITAL DATA via Nahuel C
11450.0000 - 11700.0000 MHz	8M00G1D		HIGH SPEED DATA SCPC via Nahuel C

11450.0000 - 11700.0000 MHz	128KG1D		LOW RATE DIGITAL DATA SCPC via Nahuel C
11450.0000 - 11700.0000 MHz	2M05G1D	0.00 dBW	DIGITAL DATA SCPC via Nahuel C
11450.0000 - 11700.0000 MHz	1M54G1D	0.00 dBW	T1 DIGITAL DATA SCPC via Nahuel C
ANTENNA ID: 8.1	8.1 meters	VERTEX	KPK
14126.9260 - 14126.9260 MHz	36M0G7W	85.20 dBW	Digital, QPSK, Various FEC, Various Data Rates, Various Info
14126.9260 - 14126.9260 MHz	20M0G7W	82.70 dBW	Digital, QPSK, Various FEC, Various Data Rates, Various Info
11076.9260 - 11076.9260 MHz	20M0G7W		Digital, QPSK, Various FEC, Various Data Rates, Various Info
11076.9260 - 11076.9260 MHz	36M0G7W		Digital, QPSK, Various FEC, Various Data Rates, Various Info

Points of Communication:

- 1 - ANIK E1 - (118.7 W.L.)
- 1 - ANIK E2 - (111.1 W.L.)
- 1 - EUTELSAT 172A(S2610) - (174 E. L.)
- 1 - PERMITTED LIST - ()
- 1 - SOLIDARIDAD F-1 - (109.2 W.L.)
- 1 - SOLIDARIDAD F-2 - (113.0 W.L.)

SES-MOD-20180531-01052 E E070285 LSB Broadcasting, Inc.
 Application for Modification 12/13/2007 - 12/13/2022
 Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 525 INTERSTATE HIGHWAY 10 SOUTH (KBMT Studio), JEFFERSON, BEAUMONT, TX
 30 ° 4 ' 23.30 " N LAT. 94 ° 8 ' 3.30 " W LONG.

ANTENNA ID: 4-4.5M.	4.5 meters	ANDREW	ESA45-4-11
3700.0000 - 4200.0000 MHz	36M0G7F		COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO
ANTENNA ID: 1AND7.3M.	7.3 meters	ANDREW	ES73H-4-1

3700.0000 - 4200.0000 MHz	36M0G7F	COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0F3F	STANDARD ANALOG VIDEO
ANTENNA ID: 5-PRO3.7	3.7 meters	PRODELIN
1374-990		
3700.0000 - 4200.0000 MHz	36M0G7F	COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0F3F	STANDARD ANALOG VIDEO
ANTENNA ID: 8-EASI4.5	4.5 meters	EASI
PRT-450 DAKP		
3700.0000 - 4200.0000 MHz	36M0G7F	COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0F3F	STANDARD ANALOG VIDEO
ANTENNA ID: 13-6.1M.	6.1 meters	HARRIS
5246		
3700.0000 - 4200.0000 MHz	36M0G7F	COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0F3F	STANDARD ANALOG VIDEO
ANTENNA ID: 14-AFC3.7	3.7 meters	AFC
PR12-1		
3700.0000 - 4200.0000 MHz	36M0G7F	COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0F3F	STANDARD ANALOG VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180606-01232 E E000556 Fox Broadcasting Company
 Application for Modification 08/21/2010 - 08/21/2025
 Grant of Authority Date Effective: 09/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 4301 ARCO LANE, CHARLESTON, CHARLESTON, SC
 32 ° 51 ' 59.60 " N LAT. 80 ° 0 ' 16.60 " W LONG.

ANTENNA ID: 1	4.5 meters	ANDREW CORP.	ESA45-46A
3700.0000 - 4200.0000 MHz	36M0F8F	VIDEO CARRIER	
3700.0000 - 4200.0000 MHz	36M0F7F	DIGITAL TRAFFIC, VARIOUS FEC, MODULATIONS AND DATA RATES	

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180607-01325 E E050191 KTBS, LLC

Application for Modification

06/27/2005 - 06/27/2020

Grant of Authority

Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 312 E. KINGS HIGHWAY (KTBS), BOSSIER, SHERVEPORT, LA

32 ° 28 ' 56.50 " N LAT.

93 ° 43 ' 34.30 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORP.	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	COMPRESSED DIGITAL VIDEO
	3700.0000 - 4200.0000 MHz		36M0F3F	STANDARD ANALOG VIDEO
ANTENNA ID:	2	4.2 meters	PATRIOT	PRT-450
	3700.0000 - 4200.0000 MHz		36M0G7F	COMPRESSED DIGITAL VIDEO
	3700.0000 - 4200.0000 MHz		36M0F3F	STANDARD ANALOG VIDEO
ANTENNA ID:	3	3.7 meters	PATRIOT	PRT-350
	3700.0000 - 4200.0000 MHz		36M0G7F	COMPRESSED DIGITAL VIDEO
	3700.0000 - 4200.0000 MHz		36M0F3F	STANDARD ANALOG VIDEO
ANTENNA ID:	4	6.1 meters	ANDREW CORP.	6.1 METER
	3700.0000 - 4200.0000 MHz		36M0G7F	COMPRESSED DIGITAL VIDEO
	3700.0000 - 4200.0000 MHz		36M0F3F	STANDARD ANALOG VIDEO
ANTENNA ID:	5	3 meters	PATRIOT	3.0 METER
	3700.0000 - 4200.0000 MHz		36M0G7F	COMPRESSED DIGITAL VIDEO
	3700.0000 - 4200.0000 MHz		36M0F3F	STANDARD ANALOG VIDEO
ANTENNA ID:	6	3.7 meters	DH SATELLITE	3.7 METER
	3700.0000 - 4200.0000 MHz		36M0G7F	COMPRESSED DIGITAL VIDEO
	3700.0000 - 4200.0000 MHz		36M0F3F	STANDARD ANALOG VIDEO
ANTENNA ID:	7	3.8 meters	COMTECH ANTENNA SYSTEMS	3.8 METER PF

3700.0000 - 4200.0000 MHz	36M0G7F	COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0F3F	STANDARD ANALOG VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180608-01306	E E060062	Holston Valley Broadcasting Corporation	02/27/2006 - 02/27/2021
Application for Modification			Date Effective: 10/02/2018
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 222 COMMERCE ST. (WKPT), SULLIVAN, KINGSPORT, TN
 36 ° 32 ' 47.40 " N LAT. 82 ° 33 ' 33.50 " W LONG.

ANTENNA ID: 4.5M.	4.5 meters	ANDREW CORPORATION	ESA45-46A
3700.0000 - 4200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F		COMPRESSED DIGITAL VIDEO
ANTENNA ID: 2-5.0M.	5 meters	SCIENTIFIC ATLANTA	8008B
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO AND AUDIO SERVICES
ANTENNA ID: 1-5.0M.	5 meters	ANDREW CORPORATION	ESA45-46A
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO AND AUDIO SERVICES
ANTENNA ID: 3-4.5M.	4.5 meters	ANDREW CORPORATION	ESA45-4
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO AND AUDIO SERVICES
ANTENNA ID: 4-7.3M.	7.3 meters	ANDREW CORPORATION	ES73-1
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO AND AUDIO SERVICES
ANTENNA ID: 5-3.7M.	3.7 meters	ANTENNAS FOR COMMUNICATIONS	MSF12
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO AND AUDIO SERVICES
ANTENNA ID: 6-3.7M.	3.7 meters	ANTENNAS FOR COMMUNICATIONS	MSF-12

3700.0000 - 4200.0000 MHz

36M0G7W

DIGITAL VIDEO AND AUDIO
SERVICES

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180613-01506 E E130044 CBS Communications Services Inc.
Application for Modification 03/12/2013 - 03/12/2028
Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1 LA AVANZADA ST., SAN FRANCISCO, SAN FRANCISCO, CA
37 ° 45 ' 19.00 " N LAT. 122 ° 27 ' 10.00 " W LONG.

ANTENNA ID: 1 4.5 meters ASC SIGNAL CORP ES45

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Audio, Video, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180615-01405 E E5929 Comcast of California/Colorado/Illinois/Indiana/Michigan, LLC
Application for Modification 07/08/2018 - 07/08/2033
Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: END OF PEORIA STREET, FORD, PIPER CITY, IL
40 ° 45 ' 27.10 " N LAT. 88 ° 11 ' 46.30 " W LONG.

ANTENNA ID: 1 4.8 meters PARAFRAME 4.8M.

3700.0000 - 4200.0000 MHz

36M0G7W

DIGITAL VIDEO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180615-01432 E E870439 Comcast of Illinois III, Inc.
Application for Modification 01/30/2007 - 01/30/2022
Grant of Authority Date Effective: 09/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3440 HILLTOP ROAD, SANGAMON, SPRINGFIELD, IL
39 ° 45 ' 7.50 " N LAT. 89 ° 34 ' 40.40 " W LONG.

ANTENNA ID: 1 4.5 meters SCIENTIFIC ATLANTA 8345PF
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180615-01520 E E990134 ABC Holding Company Inc.
Application for Modification 03/18/2009 - 03/18/2024
Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 500 CIRCLE SEVEN DRIVE (KABC-TV), LOS ANGELES, GLENDALE, CA
34 ° 9 ' 25.60 " N LAT. 118 ° 17 ' 14.00 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORP. ESA45-46A
3700.0000 - 4200.0000 MHz 36M0F8W ANALOG PROGRAMMING AND DATA
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL PROGRAMMING AND DATA

ANTENNA ID: 2 4.5 meters ANDREW CORP. ESA45
3700.0000 - 4200.0000 MHz 36M0F8W ANALOG PROGRAMMING AND DATA
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL PROGRAMMING AND DATA

ANTENNA ID: 3 7.3 meters ANDREW CORP. ESA73-46
3700.0000 - 4200.0000 MHz 36M0F8W ANALOG PROGRAMMING AND DATA
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL PROGRAMMING AND DATA

ANTENNA ID: 4 3.8 meters PATRIOT PRT-380
3700.0000 - 4200.0000 MHz 36M0F8W ANALOG PROGRAMMING AND DATA
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL PROGRAMMING AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180621-01749 E E110107 AT&T Corp.
Application for Modification 09/06/2011 - 09/06/2026
Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: RD #3, Box 49 Roaring Creek #4, Columbia, Catawissa, PA
40 ° 53 ' 34.10 " N LAT. 76 ° 26 ' 23.10 " W LONG.

ANTENNA ID: 1 13.1 meters Vertex 13 KPC
14000.0000 - 14500.0000 MHz 36M0G9W 65.20 dBW Digital Data Carrier
11700.0000 - 12200.0000 MHz 36M0G9W Digital Data Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180628-02070 E E872907 Cox Communications Hampton Roads LLC
Application for Modification 07/03/2007 - 07/03/2022
Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5200 CLEVELAND STREET, VIRGINIA BEACH CITY, VIRGINIA BEACH, VA
36 ° 50 ' 39.50 " N LAT. 76 ° 9 ' 53.20 " W LONG.

ANTENNA ID: 4.5SC 4.5 meters SCIENTIFIC ATLANTA, INC. 8345 4.5METER
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180716-02127 E E090024 DIRECTV Enterprises, LLC
Application for Modification 03/23/2009 - 03/23/2024
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Direct to Home Fixed Satellite, Fixed Satellite Service

SITE ID: CBC
 LOCATION: 3800 Via Oro Ave., Los Angeles, Long Beach, CA
 33 ° 49 ' 44.30 " N LAT. 118 ° 12 ' 42.90 " W LONG.

ANTENNA ID:	LBKA4	9.2 meters	Vertex RSI	9mKa-01-00
	29525.0000 - 29535.0000 MHz	25K0N0N	55.80 dBW	Beacon Transmission - Clear Sky
	29525.0000 - 29535.0000 MHz	25K0N0N	75.80 dBW	Beacon Transmission - Max Faded
	29500.0000 - 29515.0000 MHz	1M30F8D	89.50 dBW	Multi-tone Frequency Modulated Command Carrier - Max Faded
	29500.0000 - 29515.0000 MHz	1M30F9D	69.50 dBW	Multi-tone Frequency Modulated Command Carrier - Clear Sky
	29250.0000 - 30000.0000 MHz	36M0G7W	69.50 dBW	Modulation and Services PSK MOD Digital Video/Audio
	28350.0000 - 28600.0000 MHz	36M0G7W	69.50 dBW	Modulation and Services PSK MOD Digital Video/Audio
	19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	Modulation and Services PSK MOD Digital Video/Audio
	19700.0000 - 19710.0000 MHz	106KG9D		Phase Modulated Satellite Telemetry
	18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	Modulation and Services PSK MOD Digital Video/Audio

Points of Communication:

- CBC - DIRECTV 10 - (102.8 W.L.)
- CBC - DIRECTV 11 - (99 W.L.)
- CBC - DIRECTV 12 - (102.765 W)
- CBC - DIRECTV 8 (K) - (101 W.L.)
- CBC - DIRECTV 9S - (101 W.L.)
- CBC - PERMITTED LIST - ()
- CBC - SPACEWAY 1 - (103 W.L.)
- CBC - SPACEWAY 2 - (99 W.L.)

SES-MOD-20180727-02552 E E060096 KXXV License Subsidiary, LLC
 Application for Modification 03/27/2006 - 03/27/2021
 Withdrawn Date Effective: 09/26/2018

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

SITE ID: 1
LOCATION: 1909 SOUTH NEW ROAD, MCLENNAN, WACO, TX
31 ° 30 ' 25.80 " N LAT. 97 ° 9 ' 19.20 " W LONG.

ANTENNA ID: 1 7.3 meters ANDREW CORP. ES73-1
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180727-02553 E E7895 WFIE License Subsidiary, LLC
Application for Modification 11/02/2004 - 11/02/2019
Withdrawn Date Effective: 09/26/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: VANDERBURGH, EVANSVILLE, IN
37 ° 59 ' 19.00 " N LAT. 87 ° 35 ' 42.00 " W LONG.

ANTENNA ID: 1 6.1 meters ADM MANUFACTURING
3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180801-02788 E E050214 KLTV/KTRE License Subsidiary, LLC
Application for Modification 07/13/2005 - 07/13/2020
Withdrawn Date Effective: 09/27/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 105 WEST FERGUSON KLTV, SMITH, TYLER, TX
32 ° 21 ' 8.00 " N LAT. 95 ° 18 ' 2.00 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA45-46A
3700.0000 - 4200.0000 MHz 36M0G7F COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz 36M0F3F STANDARD ANALOG VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180510-00635 E E180268 Benton County Cable
Registration 05/10/2018 - 05/10/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: BCC HEAD END
LOCATION: 1692 EVA ROAD, BENTON, CAMDEN, TN
36 ° 3 ' 26.25 " N LAT. 88 ° 3 ' 58.52 " W LONG.

ANTENNA ID:	AMC11	4.5 meters	SCIENTIFIC ATLANTA	8345
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	0
ANTENNA ID:	AMC10	4.5 meters	SCIENTIFIC ATLANTA	8354
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	N/A
ANTENNA ID:	G13	4.5 meters	SCIENTIFIC ATLANTA	8345
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	0
ANTENNA ID:	G14	4.5 meters	SCIENTIFIC ATLANTA	8345
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	0
ANTENNA ID:	G18	4.5 meters	SCIENTIFIC ATLANTA	8345
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	0
ANTENNA ID:	G17	4.5 meters	SCIENTIFIC ATLANTA	8345
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	0
ANTENNA ID:	SES	3.7 meters	GENERAL DYNAMICS	1374-990
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	0

Points of Communication:

BCC HEAD END - PERMITTED LIST - ()

SES-REG-20180521-00871 E E180450 Leighton Radio Holdings, Inc.
Registration 05/21/2018 - 05/21/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 752 Bluffview Circle, Winona, Winona, MN
44 ° 2 ' 45.00 " N LAT. 91 ° 40 ' 32.00 " W LONG.

ANTENNA ID: 1 3.7 meters Prime Focus P370FAE
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180524-00950 E E180522 Bruce and Bryan Hicks, Partners, dba WKLY Broadcasting Company
Registration
Withdrawn Date Effective: 09/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1522 Bowersville Highway, Hart, Hartwell, GA
34 ° 21 ' 28.00 " N LAT. 82 ° 58 ' 36.00 " W LONG.

Points of Communication:

SES-REG-20180524-00956 E E180527 Cable America Missouri, LLC
Registration 05/24/2018 - 05/24/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 11422 Schenk Drive, St. Louis, Maryland Heights, MO
38 ° 42 ' 32.00 " N LAT. 90 ° 25 ' 1.00 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot Antenna Systems 3.8 Commercial Ant
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital video
3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog video and associated subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180601-01063 E E180614 Atlantic Telephone Membership Corporation
Registration 06/01/2018 - 06/01/2033
Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 620 Whiteville Rd (ATMC HeadEnd Shal), Brunswick, Shallotte, NC
33 ° 58 ' 55.05 " N LAT. 78 ° 24 ' 44.85 " W LONG.

ANTENNA ID:	3.7 M	3.7 meters	Prodelin	not sure	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Video
ANTENNA ID:	4.2 M DH	4.2 meters	SES	DH	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Video
ANTENNA ID:	5 M	5 meters	NA	NA	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180606-01224 E E180687 Craw Kan Telephone Cooperative Inc
Registration 06/06/2018 - 06/06/2033
Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 219 S. HWY 7, Crawford, Girard, KS
37 ° 29 ' 49.50 " N LAT. 94 ° 50 ' 38.20 " W LONG.

ANTENNA ID:	Site 1	5 meters	ATCI	Simulsat 5	
	3700.0000 - 4200.0000 MHz		30M0G7W	0.00 dBW	Digital Video

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20180606-01229 E E180692 Summit Media, LLC
Registration 06/06/2018 - 06/06/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 612 S. 4th Street, Jefferson, Louisville, KY
38 ° 14 ' 55.00 " N LAT. 85 ° 45 ' 29.00 " W LONG.

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 618 N Main, Jackson, Altus, OK
34 ° 38 ' 38.30 " N LAT.

99 ° 20 ' 0.30 " W LONG.

ANTENNA ID: 4.5M. 4.5 meters SCIENTIFIC-ATLANTA, INC 4.5 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180607-01351 E E180754 Cable One, Inc.

Registration

06/07/2018 - 06/07/2033

Grant of Authority

Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3001 E Prospect Ave, Kay, Ponca City, OK
36 ° 44 ' 19.80 " N LAT.

97 ° 2 ' 32.00 " W LONG.

ANTENNA ID: 7.0M. 7 meters SCIENTIFIC-ATLANTA, INC 7.0 M.

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180607-01379 E E180779 Victory Television Network, Inc.

Registration

06/07/2018 - 06/07/2033

Grant of Authority

Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 701 Napa Valley Drive, Pulaski, Little Rock, AR
34 ° 45 ' 39.51 " N LAT.

92 ° 24 ' 30.67 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech 829066-G2RC

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video with Associated Audio Subcarriers

ANTENNA ID: 2 3 meters DH Satellite DH-3.0PM

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video with associated audio
ANTENNA ID: 3	3.8 meters	United Satellite Systems 380
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video with Associated Audio Subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180608-01041	E E181499	Extra Mile Media	
Registration			05/31/2018 - 05/31/2033
Grant of Authority			Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 34545 Hwy 20 SE, Linn, Albany, OR
 44 ° 37 ' 50.30 " N LAT. 123 ° 0 ' 58.50 " W LONG.

ANTENNA ID: 1	3.7 meters	Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W	QPSK modulation, digital audio and video data	

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180612-01440	E E180823	WTVC Licensee, LLC	
Registration			06/12/2018 - 06/12/2033
Grant of Authority			Date Effective: 09/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 4279 Benton Drive, Hamilton, Chattanooga, TN
 34 ° 4 ' 59.80 " N LAT. 85 ° 12 ' 35.60 " W LONG.

ANTENNA ID: 5.0M.	5 meters	Andrew Corporation	ESA5B-46
3700.0000 - 4200.0000 MHz	36M0G7W	Digital various FEC, data rates and modulation	

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180612-01441 E E180824 SOUTEHRN VERMONT CABLE CO.
Registration 06/12/2018 - 06/12/2033
Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Otis Lane, VT, Newfane, VT
42 ° 59 ' 11.00 " N LAT. 72 ° 41 ' 22.00 " W LONG.

ANTENNA ID: Newfane A1 3.7 meters AFC NA
3720.0000 - 4200.0000 MHz 36M0G7D Video

ANTENNA ID: Newfane A2 3.81 meters Comtech 934D0015-G2
3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180615-01513 E E180885 SINCLAIR SEATTLE LICENSEE, LLC
Registration 06/15/2018 - 06/15/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 100 4th Ave N, King, Seattle, WA
47 ° 37 ' 7.50 " N LAT. 122 ° 20 ' 54.90 " W LONG.

ANTENNA ID: 4.5M. 4.5 meters DH Satellite 4.5M.
3700.0000 - 4200.0000 MHz 36M0G7W Digital various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180615-01518 E E180889 Broadwater County
Registration 06/15/2018 - 06/15/2033
Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Happy Hollow Road, Broadwater, Townsend, MT
46 ° 16 ' 48.10 " N LAT. 111 ° 24 ' 59.90 " W LONG.

ANTENNA ID: 3.0 meter 3 meters Dawnco 3.0 meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180615-01527 E E180892 Dodge City Community College
Registration 06/15/2018 - 06/15/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SITE1
LOCATION: 3004 N 14th Dodge City, KS, Ford, Dodge City, KS
37 ° 47 ' 12.00 " N LAT. 100 ° 1 ' 57.10 " W LONG.

ANTENNA ID: DISH1 3 meters Norsat PLV-804FB-LF
3700.0000 - 4200.0000 MHz 1M00G7W Digital Audio only

Points of Communication:

SITE1 - AMC-18 (S2713) - (139 WL)

SES-REG-20180615-01528 E E180893 NATIVE AMERICAN CHRISTIAN VOICE, INC.
Registration 06/15/2018 - 06/15/2033
Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1105 West Apache (W APACHE), San Juan, Farmington, NM
36 ° 44 ' 2.00 " N LAT. 108 ° 13 ' 28.30 " W LONG.

ANTENNA ID: KTI 3.05 meters KAUL-TRONICS, INC. XTI-10
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180615-01530 E E180895 Libby Video Club
Registration 06/15/2018 - 06/15/2033
Grant of Authority Date Effective: 09/27/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Sheldon Mountain, Lincoln, Libby, MT
48 ° 26 ' 19.80 " N LAT. 115 ° 31 ' 40.50 " W LONG.

ANTENNA ID: 2.4M. 2.4 meters Skyview 2.4 meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180618-01613 E E180954 Bay Cities Building Company, Inc.
Registration 06/05/2018 - 06/05/2033
Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3120 Broadway Ave. (KDCQ Studios), Coos, North Bend, OR
43 ° 23 ' 36.80 " N LAT. 124 ° 14 ' 22.70 " W LONG.

ANTENNA ID: DISH-1 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 36M0G7W QPSK modulation, digital audio and video data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180619-01552 E E180913 PUBLIC TELEVISION 19 INC
Registration 06/19/2018 - 06/19/2033
Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 125 E 31st Street, Jackson, Kansas City, MO
39 ° 4 ' 14.40 " N LAT. 94 ° 34 ' 57.50 " W LONG.

ANTENNA ID: 3.0M. 3 meters Vertex 5115P

3700.0000 - 4200.0000 MHz	30K0G7W	Digital various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	36M0G7W	Digital various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	36M0F7W	Digital / Analog carrier : various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	30K0F7W	Digital / Analog carrier : various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180619-01557 E E180918 Legend Communications of Wyoming, LLC
 Registration 06/19/2018 - 06/19/2033
 Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 1340 Radio Drive, Washakie, Worland, WY
 44 ° 0 ' 57.70 " N LAT. 107 ° 58 ' 16.50 " W LONG.

ANTENNA ID: Worland Si 3.6 meters COMTECH COM36C
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio and Video Signals

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180619-01559 E E180920 Three Angels Broadcasting Network, Inc.
 Registration 06/19/2018 - 06/19/2033
 Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 1100 SCR 1120, Midland, Midland, TX
 32 ° 1 ' 30.50 " N LAT. 101 ° 58 ' 8.00 " W LONG.

ANTENNA ID: DH3 3 meters DH Satellite 30DH1
 3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180619-01560 E E180921 Three Angels Broadcasting Network, Inc.
Registration 06/19/2018 - 06/19/2033
Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Ahtanum Ridge Road, Yakima, Yakima, WA
46 ° 31 ' 41.28 " N LAT. 120 ° 31 ' 19.52 " W LONG.

ANTENNA ID: DH3 3 meters DH Satellite 30DH1
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180619-01562 E E180923 Greenville College Educational Broadcasting Foundation, Inc.
Registration 06/19/2018 - 06/19/2033
Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 500 Ganton Circle (TOWER1), Bond, Greenville, IL
38 ° 53 ' 44.00 " N LAT. 89 ° 24 ' 31.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters Patriot 3.8
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180619-01565 E E180926 DREAM CENTER, INC.
Registration 06/19/2018 - 06/19/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 130 Riverside Blvd, Polk, Amery, WI
45 ° 18 ' 48.50 " N LAT. 92 ° 21 ' 35.90 " W LONG.

ANTENNA ID: ANT1 3 meters CHANNELMASTER 6346
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW QPSK modulation, digital audio and video data

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20180619-01720 E E181030 Independent Communications Inc
Registration 06/19/2018 - 06/19/2033
Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2817 W. 11th Street, Minnehaha, Sioux Falls, SD
43 ° 32 ' 41.00 " N LAT. 96 ° 45 ' 48.00 " W LONG.

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180619-01725 E E181034 CAP Cable, LLC
Registration 06/19/2018 - 06/19/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 209 15th St North, United States, Pell City, AL
33 ° 35 ' 13.32 " N LAT. 86 ° 17 ' 28.97 " W LONG.

ANTENNA ID: SES 1 3.8 meters Patriot 380
3700.0000 - 4200.0000 MHz 36M0G7D Video
ANTENNA ID: G13 3.7 meters Patriot 3.7M.
3700.0000 - 4200.0000 MHz 36M0G7D Video

ANTENNA ID:	G17	3.8 meters	Patriot	380
	3700.0000 - 4200.0000 MHz		36M0G7D	Video
ANTENNA ID:	SES-3	4.6 meters	SA	8346
	3700.0000 - 4200.0000 MHz		36M0G7D	Video
ANTENNA ID:	G14	3.8 meters	SA	3.8M.
	3700.0000 - 4200.0000 MHz		36M0G7D	Video
ANTENNA ID:	AMC 10	5 meters	SA	5.0M.
	3700.0000 - 4200.0000 MHz		36M0G7D	Video

Points of Communication:

- 1 - AMC 10 (S2432) - (135 W.L.)
- 1 - GALAXY 13 (S2386) - (127 W.L.)
- 1 - GALAXY 14 (S2385) - (125 W.L.)
- 1 - GALAXY 17 (S2715) - (91 W.L.)
- 1 - GALAXY 18 (S2733) - (123 W.L.)
- 1 - SES-1 (S2807) - (101.0 W.L.)
- 1 - SES-3 (S2892) - (103 W.L.)

SES-REG-20180620-01766	E E181068	Guaranty Broadcasting Company of Baton Rouge, LLC
Registration		06/20/2018 - 06/20/2033
Grant of Authority		Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Satellite Digital Audio Radio Service, Fixed Satellite Service

SITE ID: GBC Studio
 LOCATION: 929 Government St, East Baton Rouge, Baton Rouge, LA
 30 ° 26 ' 38.03 " N LAT. 91 ° 10 ' 50.44 " W LONG.

ANTENNA ID:	GBC-SAT1	3.8 meters	Comtech	3.8m fiberglass
	3700.0000 - 4200.0000 MHz		10M3G7W	0.00 dBW
				digital audio reception

Points of Communication:

GBC Studio - AMC-18 (S2713) - (139 WL)

SES-REG-20180621-01572 E E180931 HBI Radio Bemidji, LLC
Registration 06/21/2018 - 06/21/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 500 Beltrami Avenue NW, Beltrami, Bemidji, MN
47 ° 28 ' 22.00 " N LAT. 94 ° 52 ' 51.00 " W LONG.

ANTENNA ID: 1 3.7 meters Viking Satcom 1374-990
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180621-01578 E E180936 KSTP-AM, LLC
Registration 06/21/2018 - 06/21/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3415 UNIVERSITY AVENUE, WEST (KSTP Studio), RAMSEY, ST. PAUL, MN
44 ° 58 ' 8.11 " N LAT. 93 ° 12 ' 24.90 " W LONG.

ANTENNA ID: KSTP Stud 3.7 meters Viking Satcom 1374-990
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180621-01580 E E180938 KSTP-AM, LLC
Registration 06/21/2018 - 06/21/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2792 Maplewood Drive (KSTP-AM Transmitter), RAMSEY, Maplewood, MN
45 ° 1 ' 31.00 " N LAT. 93 ° 2 ' 47.00 " W LONG.

ANTENNA ID: KSTP-AM 3.7 meters Prodelin 161-6

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180702-01977 E E181222 Alpha Omega Broadcasting of Albuquerque, Inc.
Registration 07/02/2018 - 07/02/2033
Grant of Authority Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4501 NE. Montgomery Blvd., Bernalillo, Albuquerque
 35 ° 7 ' 52.80 " N LAT. 106 ° 35 ' 32.60 " W LONG.

ANTENNA ID: 3.0M. 3 meters DH Satellite 3.0M.

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180709-02069 E E181292 Salem Communications Holding Corporation
Registration 07/09/2018 - 07/09/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 920 Wade Hampton Blvd, Greenville, GREENVILLE, SC
 34 ° 52 ' 12.90 " N LAT. 82 ° 22 ' 24.50 " W LONG.

ANTENNA ID: 3.1Pa 3.1 meters Patriot 3.1

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180711-02100 E E181304 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration
Withdrawn Date Effective: 09/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: North Salt Lake
LOCATION: 835 North 400 East, North Salt Lake, UT
40 ° 51 ' 26.37 " N LAT. 111 ° 54 ' 13.83 " W LONG.

ANTENNA ID: NSL 1 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

North Salt Lake - PERMITTED LIST - ()

SES-REG-20180712-02125 E E181326 New Hampshire Public Radio, Inc.
Registration 07/12/2018 - 07/12/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Black Mtn Road (WEVJ), Carroll, Jackson, NH
44 ° 9 ' 59.90 " N LAT. 71 ° 9 ' 55.70 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 36M0G7W Digital various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz 30K0G7W Digital various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz 36M0F3W Digital / Analog carrier : various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz 30K0F3W Digital / Analog carrier : various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180716-02200 E E181384 The MacDonald Broadcasting Company
Registration 07/16/2018 - 07/16/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2000 Whittier St, Saginaw, Saginaw, MI
43 ° 24 ' 59.80 " N LAT. 83 ° 55 ' 7.93 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech 934D0015-G1

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW digital audio program material

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180718-02048 E E181278 Sandhill Telephone Coop., Inc.
Registration 07/05/2018 - 07/05/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 98 Tower Ln., Chesterfield, Mt. Croghan, SC
 34 ° 42 ' 7.90 " N LAT. 80 ° 16 ' 40.30 " W LONG.

ANTENNA ID: 1 4.5 meters Superior 8345
3700.0000 - 4200.0000 MHz 36M0G7W analog

ANTENNA ID: 2 4.2 meters DH 42DH1
3700.0000 - 4200.0000 MHz 36M0G7W digital

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180726-02551 E E181623 WWBT License Subsidiary, LLC
Registration
Withdrawn Date Effective: 09/26/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5710 Midlithian Turnpike, City of Richmond, Richmond, VA
 37 ° 30 ' 20.90 " N LAT. 77 ° 30 ' 10.40 " W LONG.

ANTENNA ID: 1 5.5 meters RSI SatCom 551CF
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180726-02554 E E181624 KSWO License Subsidiary, LLC

Registration

Withdrawn

Date Effective: 09/26/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1401 SE 60th St, Comanche, Lawton, OK

34 ° 35 ' 32.20 " N LAT.

98 ° 19 ' 5.90 " W LONG.

ANTENNA ID: 1 7.3 meters Andrew Corporation ESA73-46

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180727-02628 E E181688 KFDA/KEYU License Subsidiary, LLC

Registration

Withdrawn

Date Effective: 09/26/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 7900 Broadway Drive, Potter, Amarillo, TX

35 ° 17 ' 33.30 " N LAT.

101 ° 50 ' 53.00 " W LONG.

ANTENNA ID: 1 7 meters Scientific Atlanta 8010

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180730-02087 E E181297 WWSB License Subsidiary, LLC

Registration

Grant of Authority

07/30/2018 - 07/30/2033

Date Effective: 10/02/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1477 10th St, Sarasota, Sarasota, FL

27 ° 20 ' 44.90 " N LAT.

82 ° 32 ' 25.40 " W LONG.

ANTENNA ID: 7.3M. 7.3 meters Andrew Corporation ESA73-46

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180730-02597 E E181658 WAVE License Subsidiary, LLC

Registration

Withdrawn

Date Effective: 09/26/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 725 South Floyd St, Jefferson, Louisville, KY

38 ° 14 ' 38.80 " N LAT.

85 ° 44 ' 55.90 " W LONG.

ANTENNA ID: 1 4.5 meters Andrew Corporation 4.5M

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180730-02615 E E181675 KWES License Subsidiary, LLC

Registration

Withdrawn

Date Effective: 09/26/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 11320 WCR 127, Midland, Midland, TX

31 ° 54 ' 37.30 " N LAT.

102 ° 13 ' 52.50 " W LONG.

ANTENNA ID: 1 4.6 meters Vertex 1514-39

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180731-02606 E E181668 WLBT License Subsidiary, LLC

Registration

Withdrawn

Date Effective: 09/26/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 715 S Jefferson, Hinds, Jackson, MS
32 ° 18 ' 26.80 " N LAT. 90 ° 10 ' 47.10 " W LONG.

ANTENNA ID: 1 3.7 meters DH Satellite 3.7M
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180731-02624 E E181684 WTNZ License Subsidiary, LLC
Registration
Withdrawn Date Effective: 09/27/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 9000 Executive Park Dr, Knox, Knoxville, TN
35 ° 55 ' 18.80 " N LAT. 84 ° 4 ' 45.50 " W LONG.

ANTENNA ID: 1 3.8 meters DH Satellite 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180731-02632 E E181691 WOIO License Subsidiary, LLC
Registration
Withdrawn Date Effective: 09/26/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1717E 12th St, Cuyagoga, Cleveland, OH
41 ° 30 ' 11.50 " N LAT. 81 ° 41 ' 3.90 " W LONG.

ANTENNA ID: 1 3.8 meters Patroit 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

Renewal

08/06/2018 - 08/06/2033

Grant of Authority

Date Effective: 10/02/2018

Class of Station: Earth Stations on-board Vessels/VSAT**Nature of Service:** Earth Stations on-board Vessels

SITE ID: REMOTE-4 ESV

LOCATION: 350 (1.5 m antennas), CONUS

ANTENNA ID:	ESV-6006	1.5 meters	SEATEL	6006	
	14000.0000 - 14500.0000 MHz		44K8G1W	40.00 dBW	SCPC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz		717KG1W	52.00 dBW	SCPC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz		89K6G1W	43.00 dBW	SCPC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz		194KG7W	46.40 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz		291KG7W	48.10 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz		388KG7W	49.10 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz		81K0G7W	42.50 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz		97K0G7W	43.40 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz		1M43G1W	52.00 dBW	SCPC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz		2M35G1W	52.00 dBW	SCPC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz		44K8G1W		SCPC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz		717KG1W		SCPC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz		89K6G1W		SCPC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz		36M0G7W		SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz		81K0G7W		SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	1M43G1W	SCPC USING QPSK ANAD BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M35G1W	SCPC USING QPSK ANAD BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M43G1W	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M35G1W	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	36M0G7W	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	81K0G7W	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATION

SITE ID: Hub (4.5m)
LOCATION: 7676 PINE GROVE ROAD, VENTURA, SANTA PAULA, CA
34 ° 24 ' 5.00 " N LAT. 119 ° 4 ' 26.00 " W LONG.

ANTENNA ID: Hub 4.5 meters ANDREW ESA-45

14000.0000 - 14500.0000 MHz	50K0G3D	51.30 dBW	DIGITAL SERVICES
14000.0000 - 14500.0000 MHz	50K0F3X	57.30 dBW	DIGITAL SERVICES
11700.0000 - 12200.0000 MHz	50K0G3D		DIGITAL SERVICES
11700.0000 - 12200.0000 MHz	50K0F3X		DIGITAL SERVICES

SITE ID: REMOTE-1 ESV
LOCATION: 250 (1.0 m antennas), CONUS

ANTENNA ID: ESV-4003A 1 meters SEATEL 4003A

14000.0000 - 14500.0000 MHz	44K8G1W	34.40 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	538KG1W	45.20 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	37.40 dBW	SCPC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	227KG7W	41.50 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	340KG7W	43.20 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	378KG7W	43.60 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	454KG7W	44.50 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	908KG7W	45.80 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M40G7W	45.80 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	316KG7W	42.80 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	607KG7W	45.70 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M60G7W		DVB/MFTDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DVB/MFTDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		TDM/TDMA USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	151KG7W		TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W		DVB/MFTDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DVB/MFTDMA USING QPSK AND BPSK MODULATION
SITE ID: REMOTE-2 ESV			
LOCATION: 250 (1.0 m antennas), CONUS			
ANTENNA ID: ESV-4006	1 meters	SEATEL	4006
14000.0000 - 14500.0000 MHz	44K8G1W	34.40 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	46.40 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	37.40 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	227KG7W	41.50 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	340KG7W	43.20 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	378KG7W	43.60 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	454KG7W	44.50 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	908KG7W	47.40 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M40G7W	47.40 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	316KG7W	43.80 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	607KG7W	45.70 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		SCPC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	151KG7W	TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W	TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M60G7W	DVB/MFTDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W	DVB/MFTDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W	TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W	TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W	DVB/MFTDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W	DVB/MFTDMA USING QPSK AND BPSK MODULATION

SITE ID: REMOTE-3 ESV
LOCATION: 50 (1.2 m antennas), CONUS

ANTENNA ID:	ESV-4996T	1.2 meters	SEATEL	4996T
14000.0000 - 14500.0000 MHz	1M43G1W	51.10 dBW	SCPC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G1W	36.10 dBW	SCPC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	717KG1W	48.10 dBW	SCPC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	89K6G1W	39.10 dBW	SCPC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	1M43G1W	SCPC USING QPSK AND BPSK MODULATION		
11450.0000 - 12200.0000 MHz	44K8G1W	SCPC USING QPSK AND BPSK MODULATION		

11450.0000 - 12200.0000 MHz	717KG1W	SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M43G1W	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W	SCPC USING QPSK AND BPSK MODULATION

SITE ID: REMOTE-5 ESV
LOCATION: 500 (1.05M. antennas), CONUS

ANTENNA ID:	ESV-V110	1.05 meters	INTELLIAN	V110
14000.0000 - 14500.0000 MHz	97K0G7W	39.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	970KG7W	49.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	89K6G1W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	776KG7W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	717KG1W	48.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	679KG7W	47.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	64K0G7W	37.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	582KG7W	47.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	485KG7W	46.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G1W	36.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	388KG7W	45.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	

14000.0000 - 14500.0000 MHz	291KG7W	44.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M55G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M36G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M16G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	42.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

Points of Communication:

Hub (4.5m) - EUTELSAT117WA(S2873) - (116.8 W.L.)

Hub (4.5m) - PERMITTED LIST - ()

REMOTE-1 ESV - EUTELSAT117WA(S2873) - (116.8 W.L.)

REMOTE-1 ESV - PERMITTED LIST - ()

REMOTE-2 ESV - EUTELSAT117WA(S2873) - (116.8 W.L.)

REMOTE-2 ESV - PERMITTED LIST - ()

REMOTE-3 ESV - EUTELSAT117WA(S2873) - (116.8 W.L.)

REMOTE-3 ESV - PERMITTED LIST - ()

REMOTE-4 ESV - EUTELSAT117WA(S2873) - (116.8 W.L.)

REMOTE-4 ESV - PERMITTED LIST - ()

REMOTE-5 ESV - PERMITTED LIST - ()

SES-RWL-20180829-02535 E E030250 Roaring Fork Public Radio, Inc.
Renewal 10/27/2018 - 10/27/2033
Grant of Authority Date Effective: 09/27/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 110 EAST HALLAM STREET, SUITE 134 (KAJX-FM), PITKIN, ASPEN, CO
39 ° 11 ' 36.00 " N LAT. 106 ° 49 ' 14.00 " W LONG.

ANTENNA ID: 3.8 M 3.8 meters COMTECH ANTENNA SYSTEMS 3.8 METER PF

3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL BROADCAST AUDIO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20180914-02720 E E030163 Public Broadcasting of Colorado, Inc.
Renewal 09/16/2018 - 09/16/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 7409 S. Alton Ct., Arapahoe, Centennial, CO
39 ° 34 ' 56.00 " N LAT. 104 ° 52 ' 59.00 " W LONG.

ANTENNA ID: 1 3.8 meters Prodelin 1383

5925.0000 - 6425.0000 MHz	200KF3E	57.70 dBW	Analog SCPC
5925.0000 - 6425.0000 MHz	307KG7W	58.90 dBW	QPSK Digital, 1/2 FEC, 256 kbps
5925.0000 - 6425.0000 MHz	230KG7W	58.90 dBW	QPSK Digital, 1/2 FEC, 192 kbps
5925.0000 - 6425.0000 MHz	154KG7W	58.90 dBW	QPSK Digital, 1/2 FEC, 128 kbps
5925.0000 - 6425.0000 MHz	76K8G7D	56.00 dBW	QPSK Digital, 1/2 FEC, 64 kbps
3700.0000 - 4200.0000 MHz	200KF3E		Analog SCPC
3700.0000 - 4200.0000 MHz	307KG7W		QPSK Digital, 1/2 FEC, 256 kbps
3700.0000 - 4200.0000 MHz	230KG7W		QPSK Digital, 1/2 FEC, 192 kbps
3700.0000 - 4200.0000 MHz	154KG7W		QPSK Digital, 1/2 FEC, 128 kbps
3700.0000 - 4200.0000 MHz	76K8G7D		QPSK Digital, 1/2 FEC, 64 kbps

Points of Communication:

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

SES-RWL-20180918-02721 E E030352 NEVADA PUBLIC RADIO CORPORATION
Renewal 12/12/2018 - 12/12/2033
Grant of Authority Date Effective: 09/27/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 1289 S. TORREY PINES, CLARK, LAS VEGAS, NV
36 ° 9 ' 24.00 " N LAT. 115 ° 14 ' 4.00 " W LONG.

ANTENNA ID: 1	3.8 meters	COMTECH ANTENNA SYSTEMS	3.8 METER PF
3700.0000 - 4200.0000 MHz	10M3G7W	0.00 dBW	DIGITAL AUDIO CARRIER
3700.0000 - 4200.0000 MHz	30K0F1D	0.00 dBW	DIGITAL BROADCAST AUDIO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20180919-02758 E E030276 WGN Continental Broadcasting Company, LLC
Renewal 12/17/2018 - 12/17/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 2501 WEST BRADLEY PL, COOK, CHICAGO, IL
41 ° 56 ' 55.00 " N LAT. 87 ° 41 ' 29.00 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORP.	4.5 ESA	
	14000.0000 - 14500.0000 MHz		36M0G7W	79.20 dBW	DIGITAL AUDIO AND VIDEO
	14000.0000 - 14500.0000 MHz		4M00G7W	69.70 dBW	DIGITAL AUDIO AND VIDEO
	14000.0000 - 14500.0000 MHz		36M0F8W	80.70 dBW	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	11700.0000 - 12200.0000 MHz		36M0G7W		DIGITAL AUDIO AND VIDEO
	11700.0000 - 12200.0000 MHz		4M00G7W		DIGITAL AUDIO AND VIDEO
	11700.0000 - 12200.0000 MHz		36M0F8W		ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20180919-02763 E E030259 University of Tulsa
Renewal 10/28/2018 - 10/28/2033
Grant of Authority Date Effective: 09/27/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 600 SOUTH COLLEGE G. AVENUE (KWGS-FM), TULSA, TULSA, OK
36 ° 9 ' 8.00 " N LAT. 95 ° 56 ' 39.00 " W LONG.

ANTENNA ID:	3.7	3.7 meters	PRODELIN CORPORATION	136-750	
	3700.0000 - 4200.0000 MHz		10M3G7W		DIGITAL AUDIO CARRIER
	3700.0000 - 4200.0000 MHz		30K0F1D		DIGITAL BROADCAST AUDIO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20180920-02776 E E940042 The Boeing Company
Renewal 12/17/2018 - 12/17/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 7755 EAST MARGINAL WAY, BUILDING 3-801, SEATTLE, WA
47 ° 32 ' 11.00 " N LAT. 122 ° 18 ' 48.00 " W LONG.

ANTENNA ID: 1 4.6 meters ANDREW CORPORATION ES
14000.0000 - 14500.0000 MHz 27M0G7D 58.16 dBW
11700.0000 - 12200.0000 MHz 27M0G7D

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20180920-02779 E E030327 North Texas Public Broadcasting
Renewal 11/25/2018 - 11/25/2033
Grant of Authority Date Effective: 09/27/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 3000 HARRY HINES BLVD.(KERA-FM), DALLAS, TX
32 ° 47 ' 44.00 " N LAT. 96 ° 48 ' 38.00 " W LONG.

ANTENNA ID: 1 3.7 meters PRODELIN CORPORATION 136-750
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-20180921-02878 E E030300 Augustana College
Renewal 11/13/2018 - 11/13/2033
Grant of Authority Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 3808 8TH AVENUE (WVIK-FM), ROCK ISLAND, ROCK ISLAND, IL
41 ° 30 ' 12.00 " N LAT. 90 ° 32 ' 49.00 " W LONG.

ANTENNA ID: 3.8M. 3.8 meters COMTECH ANTENNA SYSTEMS 3.8 METER PF

3700.0000 - 4200.0000 MHz	10M3G7W	MODULATION AND SERVICES DIGITAL BROADCAST AUDIO CARRIER
3700.0000 - 4200.0000 MHz	30K0F1D	MODULATION AND SERVICES DIGITAL AUDIO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20180924-02816	E E030232	Intelsat License LLC	
Renewal			11/24/2018 - 11/24/2033
Grant of Authority			Date Effective: 09/27/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5281 EAST GARTON ROAD, DOUGLAS, CASTLE ROCK, CO
39 ° 16 ' 38.00 " N LAT. 104 ° 48 ' 36.00 " W LONG.

ANTENNA ID: 1	4.6 meters	VERTEX	4.6 KPC
5925.0000 - 6425.0000 MHz	200KG3D	60.00 dBW	DIGITAL VIDEO AND DATA
5925.0000 - 6425.0000 MHz	64K0G3D	56.00 dBW	DIGITAL VIDEO AND DATA
5925.0000 - 6425.0000 MHz	9M00G7W	64.00 dBW	DIGITAL VIDEO, VOICE AND DATA
5925.0000 - 6425.0000 MHz	36M0G7W	64.00 dBW	DIGITAL VIDEO, VOICE AND DATA
5925.0000 - 6425.0000 MHz	18M0G7W	66.00 dBW	DIGITAL VIDEO, VOICE AND DATA
3700.0000 - 4200.0000 MHz	200KG3D		DIGITAL VIDEO AND DATA
3700.0000 - 4200.0000 MHz	64K0G3D		DIGITAL VIDEO AND DATA
3700.0000 - 4200.0000 MHz	9M00G7W		DIGITAL VIDEO, VOICE AND DATA
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO, VOICE AND DATA
3700.0000 - 4200.0000 MHz	18M0G7W		DIGITAL VIDEO, VOICE AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20180925-02806	E E030347	KIRKWOOD COMMUNITY COLLEGE	
Renewal			12/12/2018 - 12/12/2033
Grant of Authority			Date Effective: 10/01/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 6301 KIRKWOOD BLVD SW (KCKK-FM), LINN, CEDAR RAPIDS, IA
41 ° 54 ' 43.32 " N LAT. 91 ° 39 ' 17.34 " W LONG.

ANTENNA ID:	1	3.7 meters	PRODELIN CORPORATION	136-750	
	3700.0000 - 4200.0000 MHz		10M3G7W	0.00 dBW	DIGITAL AUDIO CARRIER
	3700.0000 - 4200.0000 MHz		30K0F1D	0.00 dBW	DIGITAL BROADCAST AUDIO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20180927-02854 E E930451 SES Americom, Inc.
Renewal 12/23/2018 - 12/23/2033
Grant of Authority Date Effective: 09/27/2018

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: VARIOUS

ANTENNA ID:	1	3.7 meters	AFC	PR-12
	14000.0000 - 14500.0000 MHz		24M0F1F	72.00 dBW
	14000.0000 - 14500.0000 MHz		2M53F1F	66.10 dBW
	14000.0000 - 14500.0000 MHz		5M06F1F	69.10 dBW
	14000.0000 - 14500.0000 MHz		2M32F7D	65.70 dBW

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20180607-01103 E RBC Signals, LLC
Special Temporary Authority
Grant of Authority Date Effective: 09/26/2018

Class of Station:

On September 25, 2018 RBC Signals, LLC was granted special temporary authority for 14 days, beginning September 26, 2018, to operate a 3.57-meter Yagi antenna fixed earth station in Deadhorse, AK to provide telemetry, tracking and command (TT&C) services to the Norwegian-licensed CICERO spacecraft operating at an orbital altitude of approximately 550 km and an inclination of 97.8° in the 401-401.3 MHz (Earth-to-space and space-to-Earth) frequency band.

Points of Communication:

SES–STA–20180717–01794	E	E120008	Intelsat License LLC	
Special Temporary Authority				
Withdrawn				Date Effective: 10/01/2018

Class of Station:

Points of Communication:

SES–STA–20180813–02293	E	E020254	Westar Satellite Services LP	
Special Temporary Authority				
Grant of Authority				Date Effective: 10/02/2018

Class of Station:

On October 2, 2018, Westar Satellite Services LP was granted a special temporary authority for 60 days, beginning November 2, 2018, to operate its fixed earth station in Cedar Hill, TX to provide telemetry, tracking and command (TT&C) services for the AMC-7 (S2155) satellite at the 135.0° W.L. orbital location in the 3700-4200 MHz (space-to-Earth), and 5925-6425 MHz (Earth-to-space) frequency bands.

Points of Communication:

SES–STA–20180827–02495	E	E060384	Intelsat License LLC	
Special Temporary Authority				
Grant of Authority				Date Effective: 09/25/2018

Class of Station:

On September 25, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning September 25, 2018, to operate its fixed earth station in Riverside, CA to perform tracking, telemetry and command (TT&C) services for the Intelsat 5 (S2704) satellite as it drifts from the 156.9° E.L. orbital location to the 137.0° W.L orbital location and on station at 137° W.L. on the following center frequencies: 14498 MHz and 13999 MHz (Earth-to space), and 11451 MHz, 11452 MHz, 11454 MHz, and 13999 MHz (space-to-Earth).

Points of Communication:

SES–STA–20180828–02500	E		Intelsat License LLC	
Special Temporary Authority				
Grant of Authority				Date Effective: 09/25/2018

Class of Station:

On September 25, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning September 25, 2018, to operate its fixed earth station in Riverside, CA to provide launch and early orbit phase (LEOP) services for the Horizons 3e (S2947) satellite as it drifts to the 169.0° E.L. permanent orbital location on center frequencies 4197.75 MHz, 4198.25 MHz, 4198.75 MHz, and 4199.25 MHz (space-to-Earth), and in the 6421.50-6425.0 MHz and 5850.00-5853.5 MHz bands (Earth-to-space).

Points of Communication:

SES–STA–20180828–02517	E	E060384	Intelsat License LLC	
Special Temporary Authority				
Grant of Authority				Date Effective: 09/18/2018

Class of Station:

On September 18, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning September 18, 2018, to operate its fixed earth station in Riverside, CA to provide launch and early orbit phase (LEOP) services for the Azerspace-2 satellite, for in-orbit testing at the 63.8° E.L. orbital location and at its permanent orbital location at 45.0° E.L. on the following center frequencies: 14497.50 MHz and 14499.5 MHz (Earth-to-space), and 12745.0 MHz, 12745.5 MHz, 12748.25 MHz, and 12748.75 MHz (space-to-Earth).

Points of Communication:

SES–STA–20180912–02711 E E020321 Westar Satellite Services LP

Special Temporary Authority

Grant of Authority

Date Effective: 09/26/2018

Class of Station:

On September 26, 2016, Westar Satellite Services LP was granted special temporary authority for 60 days, beginning September 26, 2018, to operate its fixed earth station in Cedar Hill, TX to communicate with the Galaxy 16 (S2687) satellite at the 99° W.L. orbital location in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20180914–02719 E TacSat Networks, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 09/14/2018

Class of Station:

On September 26, 2018, TacSat Networks Inc. was granted special temporary authority for 60 days, beginning September 26, 2018, to continue to operate four "Fly 75-V" fixed earth stations on the island of Puerto Rico to support Hurricane ISSAC recovery operations. Operations are limited to the 27.5-29.1 GHz and 29.5-30 GHz (Earth-to-space), and 17.7-19.3 GHz and 19.7-20.2 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20180924–02813 E E980502 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 09/27/2018

Class of Station:

On September 27, 2018, Intelsat License LLC was granted of special temporary authority for 60 days, beginning on September 28, 2018, to operate its fixed earth station in Ellenwood, GA to provide telemetry, tracking and command (TT&C) services for Intelsat 16 (S2750) satellite while on-station at 76.2° W.L. to continue assisting customers in responding to the damage caused by Hurricane Maria to the communications networks in Puerto Rico. All operations will be performed on the following center frequencies: 12198.25 MHz, 12198.75 MHz (space-to-Earth), and 13997.5 MHz, 14499.5 MHz (Earth-to-space).

Points of Communication:

SES–STA–20180924–02814 E KA258 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 09/28/2018

Class of Station:

On September 28, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning September 28, 2018, to operate its fixed earth station in Castle Rock, CO to provide telemetry, tracking and command (TT&C) services for the Intelsat 16 (S2750) satellite while on-station at 76.2° W.L., to continue assisting customers in responding to the damage caused by Hurricane Maria to the communications networks in Puerto Rico. All operations will be performed on the following center frequencies: 12198.25 MHz, 12198.75 MHz (space-to-Earth), and 13997.5 MHz, 14499.5 MHz (Earth-to-space).

Points of Communication:

SES–STA–20180924–02882 E E980502 Intelsat License LLC
Special Temporary Authority
Grant of Authority

Date Effective: 10/01/2018

Class of Station:

On October 1, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning September 29, 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 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:

Dismissal

SES-STA-20180925-02812 E020321 Westar Satellite Services LP

This STA Application has been Dismissed Per. Applicants Request on October 1, 2018.

SURRENDER

SES-LIC-20041213-01828 E040467 Cox Media Group Northeast, LLC

License surrendered by letter filed on September 28, 2018.

SES-LIC-20050715-00922 E050220 WLEX Communications, LLC

License surrendered by letter filed on September 28, 2018.

SES-LIC-20060412-00641 E060132 L3 Technologies IEC

License surrendered by letter filed on September 26, 2018.

SES-LIC-20060718-01178 E060270 Arctek Satellite Productions, LLC

License surrendered by letter filed on September 25, 2018.

SES-LIC-20081215-01607 E080246 L3 Technologies IEC

License surrendered by letter filed on September 26, 2018.

SES-LIC-20100715-00904 E100087 Kimtron Inc

License surrendered by letter filed on September 28, 2018.

SES-LIC-20100920-01196 E100026 SpeedCast Communications Inc

License surrendered by letter filed on September 25, 2018.

SES-LIC-20121001-00866 E120198 Graham Media Group, Michigan, Inc.

License surrendered by letter filed on September 21, 2018.

SES-LIC-20130412-00320 E130078 Remote Manage, Inc.

License surrendered by letter filed on September 28, 2018.

SES-LIC-20141221-00919 E140128 SpeedCast Communications Inc

License surrendered by letter filed on September 25, 2018.

SES-MFS-20081209-01568 E030228 SpeedCast Communications Inc

License surrendered by letter filed on September 28, 2018.

SES-MFS-20120801-00710 E100015 SpeedCast Communications Inc

License surrendered by letter filed on September 25, 2018.

SES-MFS-20160112-00008 E050332 SpeedCast Communications Inc

License surrendered by letter filed on September 28, 2018.

SES-MOD-20100323-00339 E7818 SpeedCast Communications Inc

License surrendered by letter filed on September 25, 2018.

SES-MOD-20100626-00836 E000015 SpeedCast Communications Inc

License surrendered by letter filed on September 25, 2018.

SES-MOD-20120219-00179 E960499 SpeedCast Communications Inc

License surrendered by letter filed on September 25, 2018.

SURRENDER

SES-RWL-20030827-01185 E6392 Charter Communications Entertainment I, LLC

License surrendered by letter filed on October 1, 2018.

SES-RWL-20031027-01482 E940066 Dontron, Inc.

License surrendered by letter filed on September 27, 2018.

SES-RWL-20031027-01483 E940061 Kimtron Inc

License surrendered by letter filed on September 27, 2018.

SES-RWL-20031027-01485 E940067 WMUZ Radio, Inc.

License surrendered by letter filed on September 27, 2018.

SES-RWL-20041203-01777 E950029 Dontron, Inc.

License surrendered by letter filed on October 1, 2018.

SES-RWL-20041203-01785 E950071 CBS Broadcasting Inc.

License surrendered by letter filed on September 28, 2018.

SES-RWL-20070827-01133 KA28 MCI Communications Services, Inc.

License surrendered by letter filed on September 24, 2018.

SES-RWL-20080728-00992 E9268 Remote Manage, Inc.

License surrendered by letter filed on September 28, 2018.

SES-RWL-20081001-01277 E873787 Vyve Broadband A

License surrendered by letter filed on September 20, 2018.

SES-RWL-20100111-00059 KX42 Bright House Networks, LLC

License surrendered by letter filed on September 20, 2018.

SES-RWL-20100112-00063 KZ51 CCO SoCal I, LLC

License surrendered by letter filed on September 20, 2018.

SES-RWL-20110901-01014 E910605 SpeedCast Communications Inc

License surrendered by letter filed on September 25, 2018.

SES-RWL-20120209-00153 KA326 MCI Communications Services, Inc.

License surrendered by letter filed on September 24, 2018.

SES-RWL-20170310-00267 KQ51 Vyve Broadband A

License surrendered by letter filed on September 25, 2018.

SES-RWL-20170523-00588 KR67 Vyve Broadband A

License surrendered by letter filed on September 20, 2018.

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