



29500.0000 - 30000.0000 MHz	7M34G7W	46.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: Aero 2  
LOCATION: Aboard Aircraft CONUS & OCONUS

ANTENNA ID: MCS 8000	0.3 meters	Honeywell	MCS 8000
29500.0000 - 30000.0000 MHz	460KG7W	32.60 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	7M34G7W	44.60 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: Aero 3  
LOCATION: Aboard Aircraft CONUS & OCONUS

ANTENNA ID: KA30	0.3 meters	INMARSAT	KA30
29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	7M34G7W	41.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	29.00 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

**Points of Communication:**

- Aero 1 - INMARSAT 5F1 - (63 E.L.)
- Aero 1 - INMARSAT 5F2 - (55.0 W.L.)
- Aero 1 - INMARSAT 5F3 - (179.6 E.L.)
- Aero 2 - INMARSAT 5F1 - (63 E.L.)
- Aero 2 - INMARSAT 5F2 - (55.0 W.L.)
- Aero 2 - INMARSAT 5F3 - (179.6 E.L.)

Aero 3 - INMARSAT 5F1 - (63 E.L.)

Aero 3 - INMARSAT 5F2 - (55.0 W.L.)

Aero 3 - INMARSAT 5F3 - (179.6 E.L.)

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**SES-MOD-20171108-01239** E E020049 CBS Communications Services Inc. 04/29/2017 - 04/29/2032  
Application for Modification  
Grant of Authority Date Effective: 03/19/2018

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

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 1725 DESALES ST. SUITE 501, VARIOUS, DC

ANTENNA ID:	1	1.4 meters	AVL TECHNOLOGIES	1410K
	14000.0000 - 14500.0000 MHz	36M0G7W	67.51 dBW	ONE 36 MPCP DIGITAL CARRIER FOR VOICE/DATA WITH AN EMISSION DESIGNATOR OF 36M0G7W

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180131-00076** E E5477 CBS Broadcasting Inc. 01/15/2018 - 01/15/2033  
Application for Modification  
Grant of Authority Date Effective: 03/19/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

This modification application was inadvertently granted with expired term dates and placed on Public Notice, Report No. SES-02043 dated March 14, 2018. The term dates for this application have been updated to reflect the current term dates set forth in renewal application SES-RWL-20171226-01377.

SITE ID: 1  
LOCATION: 3725 MALDEN AVE., BALTIMORE, MD  
39 ° 20 ' 3.60 " N LAT. 76 ° 39 ' 6.40 " W LONG.

ANTENNA ID:	1	4.6 meters	ANDREW	ESA46-124
	14000.0000 - 14500.0000 MHz	36M0F3F	72.40 dBW	ANALOG AUDIO, VIDEO, DATA
	14000.0000 - 14500.0000 MHz	36M0G7W	67.60 dBW	DIGITAL AUDIO, VIDEO, DATA
	11700.0000 - 12200.0000 MHz	36M0F3F		ANALOG AUDIO, VIDEO, DATA
	11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL AUDIO, VIDEO, DATA



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1 - PERMITTED LIST - ()

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**SES-REG-20180208-00102** E E180014 Cox Radio, Inc.  
Registration 02/08/2018 - 02/08/2033  
Grant of Authority Date Effective: 03/19/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 1611 South Main St, Montgomery, Dayton, OH  
39 ° 44 ' 8.30 " N LAT. 84 ° 11 ' 10.70 " W LONG.

ANTENNA ID: 1 5 meters ANTENNA TECH CORP SIMULSAT 5M  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL VIDEO AUDIO AND DATA

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-RWL-20171226-01377** E E5477 CBS Broadcasting Inc.  
Renewal 01/15/2018 - 01/15/2033  
Grant of Authority Date Effective: 03/15/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 3725 MALDEN AVE., BALTIMORE, MD  
39 ° 20 ' 3.60 " N LAT. 76 ° 39 ' 6.40 " W LONG.

ANTENNA ID: 1 4.6 meters ANDREW ESA46-124  
14000.0000 - 14500.0000 MHz 36M0F3F 72.40 dBW ANALOG AUDIO, VIDEO, DATA  
14000.0000 - 14500.0000 MHz 36M0G7W 67.60 dBW DIGITAL AUDIO, VIDEO, DATA  
11700.0000 - 12200.0000 MHz 36M0F3F ANALOG AUIDO, VIDEO, DATA  
11700.0000 - 12200.0000 MHz 36M0G7W DIGITAL AUDIO, VIDEO, DATA

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-RWL-20180112-00028** E E920585 Denali 20020, LLC  
Renewal 03/05/2018 - 03/05/2033  
Grant of Authority Date Effective: 03/19/2018

**Class of Station:** Fixed Earth Stations

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**Nature of Service:** Fixed Satellite Service

SITE ID: B

LOCATION: 1711 Old Highway 97, OKANOGAN, BREWSTER, WA  
48 ° 8 ' 50.00 " N LAT.

119 ° 41 ' 28.00 " W LONG.

ANTENNA ID:	1	11 meters	VERTEX	11 METER
	14000.0000 - 14500.0000 MHz		36M0G9W	86.00 dBW
	11700.0000 - 12200.0000 MHz		36M0G9W	
	5925.0000 - 6425.0000 MHz		2M40G7D	80.50 dBW
	5925.0000 - 6425.0000 MHz		36M0F3F	81.90 dBW
	5925.0000 - 6425.0000 MHz		36M0G7F	83.50 dBW
	3700.0000 - 4200.0000 MHz		2M40G7D	
	3700.0000 - 4200.0000 MHz		36M0F3F	
	3700.0000 - 4200.0000 MHz		36M0G7F	

**Points of Communication:**

B - PERMITTED LIST - ()

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**SES-RWL-20180117-00034** E E030015 Armstrong Utilities, Inc.

Renewal

Grant of Authority

Date Effective: 03/16/2018

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 383 UNION SQUARE ROAD, Chester, OXFORD, PA  
39 ° 46 ' 3.40 " N LAT.

76 ° 0 ' 51.80 " W LONG.

ANTENNA ID:	1	3.2 meters	SCIENTIFIC-ATLANTA	9000
	3700.0000 - 4200.0000 MHz		36M0F8W	

STANDARD VIDEO WITH  
ASSOCIATED AUDIO  
SUB-CARRIERS

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20180117-00035** E E030016 Armstrong Utilities, Inc.  
Renewal 12/23/2017 - 12/23/2032  
Grant of Authority Date Effective: 03/16/2018

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 18224 WILLIAMS STREET, CRAWFORD, MEADVILLE, PA  
41 ° 37 ' 47.20 " N LAT. 80 ° 10 ' 39.20 " W LONG.

ANTENNA ID: 1 3.2 meters SCIENTIFIC-ATLANTA 9000  
3700.0000 - 4200.0000 MHz 36M0F8W ANALOG VIDEO

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20180119-00037** E E030017 Armstrong Utilities, Inc.  
Renewal  
Grant of Authority Date Effective: 03/13/2018

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 9651 COUNTY ROAD ONE, LAWRENCE, SOUTH POINT, OH  
38 ° 25 ' 16.30 " N LAT. 82 ° 29 ' 40.60 " W LONG.

ANTENNA ID: 1 3.2 meters SCIENTIFIC-ATLANTA 9000  
3700.0000 - 4200.0000 MHz 36M0F8W STANDARD VIDEO WITH  
ASSOCIATED AUDIO  
SUB-CARRIERS

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20180129-00067** E WL24 Cebridge Acquisition, LLC  
Renewal 03/25/2018 - 03/25/2033  
Grant of Authority Date Effective: 03/19/2018

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: WASHINGTON, MARIETTA, OH  
39 ° 25 ' 26.00 " N LAT. 81 ° 25 ' 51.00 " W LONG.

ANTENNA ID: 1 5 meters AFC PR-16.4

3700.0000 - 4200.0000 MHz

36000F9

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-RWL-20180301-00175** E E020248 EchoStar Operating L.L.C.

Renewal

04/22/2018 - 04/22/2033

Grant of Authority

Date Effective: 03/16/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service, Other

**SITE ID:** BH

**LOCATION:** 10020 LIBERTY STREET, MEADE, BLACKHAWK, SD

44 ° 11 ' 15.30 " N LAT.

103 ° 20 ' 9.70 " W LONG.

ANTENNA ID:	BH8	8 meters	VERTEX RSI	8M KU
	17790.0000 - 17800.0000 MHz		1M50F2D 77.20 dBW	COMMAND
	17790.0000 - 17800.0000 MHz		800KF3D 77.20 dBW	COMMAND
	17790.0000 - 17800.0000 MHz		1M50F3D 77.20 dBW	COMMAND
	17300.0000 - 17800.0000 MHz		24M0G1W 77.20 dBW	DIGITAL COMPRESSED VIDEO
	17300.0000 - 17310.0000 MHz		1M50F2D 77.20 dBW	COMMAND
	17300.0000 - 17310.0000 MHz		800KF3D 77.20 dBW	COMMAND
	17300.0000 - 17310.0000 MHz		1M50F3D 77.20 dBW	COMMAND
	12690.0000 - 12700.0000 MHz		300KGXD	TELEMETRY
	12690.0000 - 12700.0000 MHz		800KF3D	TELEMETRY
	12200.0000 - 12700.0000 MHz		24M0G1W	DIGITAL COMPRESSED VIDEO
	12200.0000 - 12210.0000 MHz		300KGXD	TELEMETRY
	12200.0000 - 12210.0000 MHz		800KF3D	TELEMETRY

ANTENNA ID:	BH13	13.2 meters	VERTEX RSI	13.2M KU
	17790.0000 - 17800.0000 MHz		1M50F2D 85.10 dBW	COMMAND
	17790.0000 - 17800.0000 MHz		800KF3D 82.60 dBW	COMMAND
	17790.0000 - 17800.0000 MHz		1M50F3D 85.10 dBW	COMMAND



17300.0000 - 17800.0000 MHz	24M0G1W	85.10 dBW	DIGITAL COMPRESSED VIDEO
17300.0000 - 17310.0000 MHz	1M50F2D	85.10 dBW	COMMAND
17300.0000 - 17310.0000 MHz	800KF3D	82.60 dBW	COMMAND
17300.0000 - 17310.0000 MHz	1M50F3D	85.10 dBW	COMMAND
12690.0000 - 12700.0000 MHz	300KGXD		TELEMETRY
12690.0000 - 12700.0000 MHz	800KF3D		TELEMETRY
12200.0000 - 12700.0000 MHz	24M0G1W		DIGITAL COMPRESSED VIDEO
12200.0000 - 12210.0000 MHz	300KGXD		TELEMETRY
12200.0000 - 12210.0000 MHz	800KF3D		TELEMETRY

**Points of Communication:**

BH - ECHOSTAR 10 - (110.2 W.L.)

BH - ECHOSTAR 12 - (61.35 W.L.)

BH - ECHOSTAR 23 - (44.9 W.L.)

BH - ECHOSTAR 7 - (119 W.L.)

BH - ECHOSTAR/DISH - ()

**SES-RWL-20180306-00199** E E020338 KENS-TV, INC.

Renewal

04/18/2018 - 04/18/2033

Grant of Authority

Date Effective: 03/19/2018

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 5400 Fredericksburg Road, Bexar, San Antonio, TX

29 ° 30 ' 28.12 " N LAT.

98 ° 33 ' 41.09 " W LONG.

ANTENNA ID: 1 9.2 meters SATCOM Technologies 920C

5945.0000 - 6405.0000 MHz	45M0G7W	78.30 dBW	VIDEO/VOIC/DATA
5945.0000 - 6405.0000 MHz	36M0F8W	80.50 dBW	ANALOG VIDEO
5945.0000 - 6405.0000 MHz	36M0F3F	80.50 dBW	ANALOG VIDEO
3700.0000 - 4200.0000 MHz	45M0G7W		
3700.0000 - 4200.0000 MHz	36M0F8W		

3700.0000 - 4200.0000 MHz 36M0F3F

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20180316-00222** E E030090 CBS Communications Services Inc.  
Renewal 06/06/2018 - 06/06/2033  
Grant of Authority Date Effective: 03/16/2018

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

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

SITE ID: 1  
LOCATION: 1044 LINCOLN STREET (KCNC-TV), VARIOUS

ANTENNA ID: 1 1.8 meters AVL TECHNOLOGY 1800 USA  
14000.0000 - 14500.0000 MHz 36M0G7W 64.50 dBW COMPRESSED VIDEO, DATA  
11700.0000 - 12200.0000 MHz 36M0G7W COMPRESSED VIDEO, DATA

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20180316-00223** E E5589 The University of Oklahoma  
Renewal 05/13/2018 - 05/13/2033  
Grant of Authority Date Effective: 03/16/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 860 VAN VLEET OVAL, CLEVELAND, NORMAN, OK  
35 ° 12 ' 17.00 " N LAT. 97 ° 26 ' 48.00 " W LONG.

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

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-STA-20180207-00100** E KA258 Intelsat License LLC  
Special Temporary Authority  
Grant of Authority Date Effective: 03/15/2018

**Class of Station:**

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On March 15, 2018, Intelsat License LLC was granted special temporary authority for 180 days, beginning April 18, 2018, to operate its fixed earth station in Hagerstown, MD to provide launch and early orbit phase (LEOP) services for the SES-12 satellite on the following center frequencies: 13998.0 MHz, 13996.5 MHz, 13999.5 MHz, 14494.5 MHz, 14496.0 MHz, 14497.5 MHz, and 14499.0 MHz (Earth-to-space) and 11499.5 MHz and 11703.5 MHz (space-to-Earth).

**Points of Communication:**

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**SES-STA-20180315-00225**    E E180022    NBC Telemundo License LLC

Special Temporary Authority

Grant of Authority

Date Effective:    03/19/2018

**Class of Station:**

On March 19, 2018, NBC Telemundo License LLC was granted special temporary authority for 60 days, beginning March 19, 2018, to operate a temporary-fixed earth station in Southern Florida with the SES-3 satellite (S2892) at the 103° W.L. orbital location in the 14.0-14.5 GHz (Earth-to-space) and 11.7-122 GHz (space-to-Earth) frequency bands.

**Points of Communication:**

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**SURRENDER**

**SES-RWL-20030324-00381**    E5504    California State University, Chico

License surrendered by letter filed on March 15, 2018.

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