



13750.0000 - 13770.0000 MHz	3M00G7W	74.00 dBW	DIGITAL VIDEO AND DATA
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL VIDEO AND DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO AND DATA
11700.0000 - 12200.0000 MHz	18M0F8F		ANALOG VIDEO
11700.0000 - 12200.0000 MHz	36M0F8F		ANALOG VIDEO
11700.0000 - 12200.0000 MHz	750KF2D		COMMAND CARRIER
13750.0000 - 13770.0000 MHz	850KF2D	80.50 dBW	COMMAND CARRIER
13750.0000 - 13770.0000 MHz	850KF2D	80.50 dBW	COMMAND CARRIER
13770.0000 - 13780.0000 MHz	850KF2D	70.95 dBW	COMMAND CARRIER
13780.0000 - 14000.0000 MHz	850KF2D	80.50 dBW	COMMAND CARRIER
14000.0000 - 14500.0000 MHz	850KF2D	71.70 dBW	COMMAND CARRIER
11700.0000 - 12200.0000 MHz	180KG2D		TELEMETRY CARRIER

**Points of Communication:**

FILLMORE - GALAXY 3C - (95 W.L.)

FILLMORE - GALAXY VIII(I)-R - (95 W.L.)

FILLMORE - GALAXY XI - (91 W.L.)

FILLMORE - INTELSAT 1R - (310.0 E.L.)

FILLMORE - PERMITTED LIST - ()

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**SES-ASG-20141113-00850** E E030055 SkyWave Mobile Communications, Corp.

Application for Consent to Assignment

Grant of Authority

Date Effective: 12/22/2014

**Current Licensee:** SkyWave Mobile Communications, Corp.

**FROM:** SKYWAVE MOBILE COMMUNICATIONS CORP.

**TO:** ORBCOMM License Corp.

No. of Station(s) listed: 2

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**SES-LIC-20140617-00524** E E140057 DIRECTV Enterprises, LLC

Application for Authority

Grant of Authority

12/18/2014 - 12/18/2029

Date Effective: 12/18/2014

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1

LOCATION: 5454 Garton Road, Douglas, Castle Rock, CO  
39 ° 16 ' 39.60 " N LAT.

104 ° 48 ' 31.00 " W LONG.

ANTENNA ID:	1	9.2 meters	Vertex-RSI	9MKa-01-00
	18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK Modulated Digital Video/Audio
	19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK Modulated Digital Video/Audio
	28350.0000 - 28600.0000 MHz	36M0G7W	85.00 dBW	PSK Modulated Digital Video/Audio
	29250.0000 - 30000.0000 MHz	36M0G7W	85.00 dBW	PSK Modulated Digital Video/Audio
	18300.0000 - 18305.0000 MHz	106KG9D	0.00 dBW	Phase Modulated Satellite Telemetry
	29250.0000 - 29260.0000 MHz	1M30F9D	76.00 dBW	Multi-tone Frequency Modulated Command Carrier (Clear Sky)
	29250.0000 - 29260.0000 MHz	1M30F9D	91.00 dBW	Multi-tone Frequency Modulated Command Carrier (Max Faded)
	29490.0000 - 29500.0000 MHz	1M30F9D	76.00 dBW	Multi-tone Frequency Modulated Command Carrier (Clear Sky)
	29490.0000 - 29500.0000 MHz	1M30F9D	91.00 dBW	Multi-tone Frequency Modulated Command Carrier (Max Faded)
	29250.0000 - 29260.0000 MHz	160KF3N	76.00 dBW	Multi-tone frequency modulated pointing beacon (clear sky)
	29250.0000 - 29260.0000 MHz	160KF3N	91.00 dBW	Multi-tone frequency modulated pointing beacon (Max faded)
	29500.0000 - 29515.0000 MHz	1M30F9D	89.50 dBW	Multi-tone Frequency Modulated Command Carrier (Max Faded)
	29500.0000 - 29515.0000 MHz	1M30F9D	50.00 dBW	Multi-tone Frequency Modulated Command Carrier (Clear Sky)
	29525.0000 - 29535.0000 MHz	25K0N0N	75.80 dBW	Pointing beacon (max faded)
	29525.0000 - 29535.0000 MHz	25K0N0N	50.00 dBW	Pointing beacon (clear sky)
	28350.0000 - 28360.0000 MHz	800KF2D	91.00 dBW	Multi-tone Frequency Modulated Command Carrier (Max Faded)
	28350.0000 - 28360.0000 MHz	800KF2D	76.00 dBW	Multi-tone Frequency Modulated Command Carrier (clear sky)
	19700.0000 - 19710.0000 MHz	106KG9D	0.00 dBW	Phase Modulated Satellite Telemetry
	18790.0000 - 18800.0000 MHz	800KF2D	0.00 dBW	Frequency Modulated Satellite Telemetry



SITE ID: FILLMORE  
 LOCATION: 33 EAST TELEGRAPH ROAD, VENTURA, FILLMORE, CA  
 34 ° 24 ' 16.90 " N LAT. 118 ° 53 ' 42.40 " W LONG.

ANTENNA ID:	FIL-K25	11 meters	VIASAT	8016A	
	13780.0000 - 14000.0000 MHz		3M00G7W	74.00 dBW	DIGITAL VIDEO AND DATA
	13780.0000 - 14000.0000 MHz		36M0G7W	79.00 dBW	DIGITAL VIDEO AND DATA
	13770.0000 - 13780.0000 MHz		3M00G7W	68.00 dBW	DIGITAL VIDEO AND DATA
	13752.0000 - 13754.0000 MHz		750KF2D	79.00 dBW	DIGITAL VIDEO AND DATA
	14000.0000 - 14500.0000 MHz		64K0G7W	58.00 dBW	DIGITAL VIDEO AND DATA
	14000.0000 - 14500.0000 MHz		850KF2D	71.70 dBW	COMMAND CARRIER
	14000.0000 - 14500.0000 MHz		18M0F8F	82.00 dBW	ANALOG VIDEO
	14000.0000 - 14500.0000 MHz		36M0F8F	85.00 dBW	ANALOG VIDEO
	14000.0000 - 14500.0000 MHz		750KF2D	71.00 dBW	COMMAN CARRIER
	13750.0000 - 13770.0000 MHz		3M00G7W	74.00 dBW	DIGITAL VIDEO AND DATA
	13750.0000 - 13770.0000 MHz		850KF2D	80.50 dBW	COMMAND CARRIER
	13750.0000 - 13770.0000 MHz		850KF2D	80.50 dBW	COMMAND CARRIER
	13770.0000 - 13780.0000 MHz		850KF2D	70.95 dBW	COMMAND CARRIER
	13780.0000 - 14000.0000 MHz		850KF2D	80.50 dBW	COMMAND CARRIER
	11700.0000 - 12200.0000 MHz		64K0G7W		DIGITAL VIDEO AND DATA
	11700.0000 - 12200.0000 MHz		36M0G7W		DIGITAL VIDEO AND DATA
	11700.0000 - 12200.0000 MHz		18M0F8F		ANALOG VIDEO
	11700.0000 - 12200.0000 MHz		36M0F8F		ANALOG VIDEO
	11700.0000 - 12200.0000 MHz		750KF2D		COMMAND CARRIER
	11700.0000 - 12200.0000 MHz		180KG2D		TELEMETRY CARRIER
	14000.0000 - 14500.0000 MHz		36M0G7W	85.00 dBW	DIGITAL VIDEO AND DATA

**Points of Communication:**

FILLMORE - GALAXY 3C - (95 W.L.)

FILLMORE - GALAXY VIII(I)-R - (95 W.L.)

FILLMORE - GALAXY XI - (91 W.L.)

FILLMORE - INTELSAT 1R - (310.0 E.L.)

FILLMORE - PERMITTED LIST - ()

**SES-MFS-20140801-00625** E E120106 Gogo LLC

Modification

05/01/2013 - 05/01/2028

Grant of Authority

Date Effective: 12/22/2014

**Class of Station:** Other

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

SITE ID: AES1

LOCATION: 1250 NORTH ARLINGTON HEIGHTS ROAD UP TO 1000 ESAA TERMINALS (0.24 m), DUPAGE, ITASCA, IL

ANTENNA ID:	AES1	0.24 meters	AeroSat	HR6400	
14000.0000 - 14500.0000 MHz			8M00G7D	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz			6M94G7D	44.45 dBW	DIGITAL DATA SERVICES
11700.0000 - 12200.0000 MHz			30M0G7D		Digital Data Services
10950.0000 - 11200.0000 MHz			30M0G7D		Digital Data Services
11450.0000 - 11700.0000 MHz			30M0G7D		Digital Data Services
14000.0000 - 14500.0000 MHz			6M56G7D	44.43 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz			6M00G7D	44.40 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz			4M10G7D	42.80 dBW	DIGITAL DATA SERVICES
12200.0000 - 12750.0000 MHz			30M0G7D		Digital Data Services
14000.0000 - 14500.0000 MHz			2M34G7D	44.63 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz			2M40G7D	43.89 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz			2M50G7D	44.57 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz			3M66G7D	44.55 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz			3M79G7D	44.48 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz			3M89G7D	44.55 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz			3M90G7D	44.49 dBW	DIGITAL DATA SERVICES

14000.0000 - 14500.0000 MHz	6M57G7D	44.53 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	882KG7D	44.56 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	9M36G7D	42.32 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	8M19G7D	43.20 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	4M10G7D	38.10 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M40G7D	44.60 dBW	DIGITAL DATA SERVICES

SITE ID: AES2

LOCATION: 1250 NORTH ARLINGTON HEIGHTS ROAD UP TO 1000 ESAA TERMINALS (0.74 m), DUPAGE, ITASCA, IL

ANTENNA ID:	AES2	0.74 meters	THINKOM	2KUANTENNA
14000.0000 - 14500.0000 MHz	7M28G7D	41.60 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	1M51G7D	44.60 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	1M80G7D	43.20 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	2M00G7D	43.90 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	2M00G7D	44.60 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	2M10G7D	44.20 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	2M27G7D	44.60 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	2M40G7D	44.50 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	3M00G7D	44.50 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	3M60G7D	44.60 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	4M10G7D	41.60 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	4M80G7D	44.60 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	5M60G7D	44.50 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	5M64G7D	40.70 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	5M83G7D	44.50 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	5M97G7D	43.10 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	6M72G7D	42.30 dBW	DIGITAL DATA SERVICES	

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14000.0000 - 14500.0000 MHz	7M17G7D	40.90 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	7M40G7D	41.40 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	7M50G7D	41.60 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	8M00G7D	44.60 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	8M10G7D	43.20 dBW	DIGITAL DATA SERVICES
10950.0000 - 11200.0000 MHz	30M0G7D		DIGITAL DATA SERVICES
11450.0000 - 11700.0000 MHz	30M0G7D		DIGITAL DATA SERVICES
11700.0000 - 12200.0000 MHz	30M0G7D		DIGITAL DATA SERVICES
12250.0000 - 12750.0000 MHz	30M0G7D		DIGITAL DATA SERVICES

**Points of Communication:**

- AES1 - APSTAR V - (138 E.L.)
- AES1 - EUTELSAT 172A(S2610) - (172 E. L.)
- AES1 - INTELSAT 14 (S2785) - (45.0 W.L.)
- AES1 - INTELSAT 19 (S2850) - (166.0 E.L.)
- AES1 - INTELSAT 21 - (58.0 W.L.)
- AES1 - INTELSAT 22 - (72.1 E. L.)
- AES1 - INTELSAT 904 - (60 E.L.)
- AES1 - SATMEX-5 (S2589) - (114.9 W.L.)
- AES1 - SES-1 - (101.0 W.L.)
- AES1 - SES-4 (S2828) - (22.0 W.L.)
- AES1 - SES-6 (S2870) - (40.5 W.L.)
- AES1 - TELSTAR 11N (S2357) - (37.5 W.L.)
- AES2 - APSTAR V - (138 E.L.)
- AES2 - INTELSAT 14 (S2785) - (45.0 W.L.)
- AES2 - INTELSAT 19 (S2850) - (166.0 E.L.)
- AES2 - INTELSAT 21 - (58.0 W.L.)
- AES2 - INTELSAT 22 - (72.1 E. L.)
- AES2 - INTELSAT 904 - (60 E.L.)



AES2 - SATMEX-5 (S2589) - (114.9 W.L.)

AES2 - SES-1 - (101.0 W.L.)

AES2 - SES-4 (S2828) - (22.0 W.L.)

AES2 - SES-6 (S2870) - (40.5 W.L.)

AES2 - TELSTAR 11N (S2357) - (37.5 W.L.)

**SES-MFS-20140924-00769** E E060299 DIRECTV Enterprises, LLC

Modification

10/10/2006 - 10/10/2021

Grant of Authority

Date Effective: 12/22/2014

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 106 GRANT WAY (NWUF), YAKIMA, MOXEE, WA  
46 ° 33 ' 55.50 " N LAT.

120 ° 23 ' 53.40 " W LONG.

ANTENNA ID:	KA1	9.2 meters	Vertex RSI	9mKa-01-00
	29250.0000 - 30000.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
	28350.0000 - 28600.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
	19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
	18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
ANTENNA ID:	KA2	9.2 meters	Vertex RSI	9mKA-01-00
	29250.0000 - 30000.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
	28350.0000 - 28600.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
	19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
	18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO

**Points of Communication:**

1 - DIRECTV 12 - (103 W.L.)

1 - DIRECTV 8 (K) - (101 W.L.)

1 - DIRECTV 9S - (101 W.L.)

1 - PERMITTED LIST - ()

1 - SPACEWAY 1 - (103 W.L.)

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1 - SPACEWAY 2 - (99 W.L.)

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**SES-MFS-20141030-00828** E E080226 Tokyo Broadcasting System Television, Inc.  
Modification 12/09/2008 - 12/09/2023  
Grant of Authority Date Effective: 12/22/2014

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

**Nature of Service:** Fixed Satellite Service

SITE ID: M100  
LOCATION: 5-3-6, Akasaka, Minato-ku, Japan, Tokyo

ANTENNA ID:	M100	1 meters	Vislink (Advent)	Mantis 100
	14000.0000 - 14500.0000 MHz		5M15G7W 59.50 dBW	QPSK: video/audio
	14000.0000 - 14500.0000 MHz		7M72G7W 59.50 dBW	QPSK: video/audio
	14000.0000 - 14500.0000 MHz		2M58G7W 57.80 dBW	QPSK: video/audio

SITE ID: TBS03  
LOCATION: 5-3-6, Akasaka, Minato-ku, Japan, Tokyo

ANTENNA ID:	TBS03	0.72 meters	ROCKWELL COLLINS	CCT90
	14000.0000 - 14500.0000 MHz		8M00D7W 54.70 dBW	16APSK
	14000.0000 - 14500.0000 MHz		8M00G7W 54.70 dBW	QPSK, 8PSK

**Points of Communication:**

M100 - SUPERBIRD B2 - (162 E.L.)

TBS03 - SUPERBIRD B2 - (162 E.L.)

TBS03 - Superbird C2 - (144 E.L.)

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**SES-MFS-20141030-00829** E E060384 Intelsat License LLC  
Modification 11/27/2006 - 11/27/2021  
Grant of Authority Date Effective: 12/22/2014

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 22401 JUNIPER FLATS ROAD, RIVERSIDE, NUEVO, CA  
33 ° 47 ' 47.30 " N LAT. 117 ° 5 ' 15.00 " W LONG.

ANTENNA ID:	IPC-08C	9 meters	VERTEX/RSI	9M.
	14000.0000 - 14500.0000 MHz		36M0F3F 87.10 dBW	ANALOG VIDEO

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14000.0000 - 14500.0000 MHz	45K8G7D-	56.70 dBW	DIGITAL CARRIERS
14000.0000 - 14500.0000 MHz	16K0F8D	58.10 dBW	ANALOG TT&C CARRIER
14000.0000 - 14500.0000 MHz	1M00F8D	76.10 dBW	ANALOG TT&C CARRIER
14000.0000 - 14500.0000 MHz	1M00G7D	70.10 dBW	DIGITAL TT&C CARRIERS
14000.0000 - 14500.0000 MHz	200KG7D	63.10 dBW	DIGITAL TT&C CARRIERS
14000.0000 - 14500.0000 MHz	72M0G7D	88.70 dBW	COMBINATION OF DIGITAL CARRIERS
11700.0000 - 12200.0000 MHz	72M0G7D		COMBINATION OF DIGITAL CARRIERS
11700.0000 - 12200.0000 MHz	200KG7D		DIGITAL TT&C CARRIERS
11700.0000 - 12200.0000 MHz	1M00G7D		DIGITAL TT&C CARRIERS
11700.0000 - 12200.0000 MHz	1M00F8D		ANALOG TT&C CARRIER
11700.0000 - 12200.0000 MHz	16K0F8D		ANALOG TT&C CARRIER
11700.0000 - 12200.0000 MHz	45K8G7D-		DIGITAL CARRIERS
11700.0000 - 12200.0000 MHz	36M0F3F		ANALOG VIDEO
13997.5000 - 13997.5000 MHz	850KG7D	85.00 dBW	TT&C
13750.0000 - 14000.0000 MHz	900KF2D	85.00 dBW	COMMAND CARRIER
10950.0000 - 11200.0000 MHz	600KG7D		TELEMETRY CARRIER
10950.0000 - 11200.0000 MHz	600KF2D		TELEMETRY CARRIER

**Points of Communication:**

- 1 - INTELSAT 16 - (58.10 W.L.)
- 1 - INTELSAT 30 - (95.05)
- 1 - INTELSAT 31 - (95.05)
- 1 - PERMITTED LIST - ()

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**SES-MOD-20141104-00845**    E E060157    Harris CapRock Communications, Inc.  
 Application for Modification  
 Grant of Authority

08/14/2006 - 08/14/2021  
 Date Effective: 12/23/2014

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

**Nature of Service:**    Earth Stations on-board Vessels, Fixed Satellite Service

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SITE ID: ESV  
LOCATION: 4400 S. Sam Houston Pkwy. E., Houston, TX

ANTENNA ID: ESV4996      1.2 meters      Seatel      4996

14000.0000 - 14500.0000 MHz      200KG7D      40.50 dBW      Digital

14000.0000 - 14500.0000 MHz      100KG7D      37.00 dBW      Digital

14000.0000 - 14500.0000 MHz      150KG7D      38.80 dBW      Digital

14000.0000 - 14500.0000 MHz      1M17G7D      47.80 dBW      Digital

14000.0000 - 14500.0000 MHz      1M56G7D      49.10 dBW      Digital

14000.0000 - 14500.0000 MHz      200KG7D      40.00 dBW      Digital

14000.0000 - 14500.0000 MHz      300KG7D      41.80 dBW      Digital

14000.0000 - 14500.0000 MHz      390KG7D      43.00 dBW      Digital

14000.0000 - 14500.0000 MHz      50K0G7D      34.00 dBW      Digital

14000.0000 - 14500.0000 MHz      780KG7D      46.00 dBW      Digital

11700.0000 - 12200.0000 MHz      200KG7D      0.00 dBW      Digital

11700.0000 - 12200.0000 MHz      1M85G7D      Digital

11700.0000 - 12200.0000 MHz      1M92G7D      Digital

11700.0000 - 12200.0000 MHz      3M85G7D      Digital

11700.0000 - 12200.0000 MHz      5M76G7D      Digital

11700.0000 - 12200.0000 MHz      7M68G7D      Digital

11700.0000 - 12200.0000 MHz      8M67G7D      Digital

ANTENNA ID: ESV6012      1.5 meters      SEATEL      6012

14000.0000 - 14500.0000 MHz      100KG7D      37.00 dBW      DIGITAL

14000.0000 - 14500.0000 MHz      150KG7D      38.80 dBW      DIGITAL

14000.0000 - 14500.0000 MHz      1M17G7D      47.80 dBW      DIGITAL

14000.0000 - 14500.0000 MHz      1M56G7D      49.10 dBW      DIGITAL

14000.0000 - 14500.0000 MHz      200KG7D      40.00 dBW      DIGITAL

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14000.0000 - 14500.0000 MHz	300KG7D	41.80 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	390KG7D	43.00 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	50K0G7D	34.00 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	780KG7D	46.00 dBW	DIGITAL
10950.0000 - 11200.0000 MHz	1M76G7W		DIGITAL
10950.0000 - 11200.0000 MHz	2M41G7W		DIGITAL
10950.0000 - 11200.0000 MHz	3M52G7W		DIGITAL
10950.0000 - 11200.0000 MHz	5M77G7W		DIGITAL
11450.0000 - 11700.0000 MHz	1M76G7W		DIGITAL
11450.0000 - 11700.0000 MHz	2M41G7W		DIGITAL
11450.0000 - 11700.0000 MHz	3M52G7W		DIGITAL
11450.0000 - 11700.0000 MHz	5M77G7W		DIGITAL
11700.0000 - 12200.0000 MHz	1M92G7D		DIGITAL
11700.0000 - 12200.0000 MHz	3M85G7D		DIGITAL
11700.0000 - 12200.0000 MHz	5M76G7D		DIGITAL
11700.0000 - 12200.0000 MHz	7M68G7D		DIGITAL
11700.0000 - 12200.0000 MHz	8M67G7D		DIGITAL
12500.0000 - 12750.0000 MHz	1M76G7W		DIGITAL
12500.0000 - 12750.0000 MHz	2M41G7W		DIGITAL
12500.0000 - 12750.0000 MHz	3M52G7W		DIGITAL
12500.0000 - 12750.0000 MHz	5M77G7W		DIGITAL
ANTENNA ID: ESV6009	1.5 meters	SEATEL	6009
14000.0000 - 14500.0000 MHz	100KG7D	37.00 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	150KG7D	38.80 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	1M17G7D	47.80 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	1M56G7D	49.10 dBW	DIGITAL

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14000.0000 - 14500.0000 MHz	200KG7D	40.00 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	300KG7D	41.80 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	390KG7D	43.00 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	50K0G7D	34.00 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	780KG7D	46.00 dBW	DIGITAL
10950.0000 - 11200.0000 MHz	1M76G7W		DIGITAL
10950.0000 - 11200.0000 MHz	2M41G7W		DIGITAL
10950.0000 - 11200.0000 MHz	3M52G7W		DIGITAL
10950.0000 - 11200.0000 MHz	5M77G7W		DIGITAL
11450.0000 - 11700.0000 MHz	1M76G7W		DIGITAL
11450.0000 - 11700.0000 MHz	2M41G7W		DIGITAL
11450.0000 - 11700.0000 MHz	3M52G7W		DIGITAL
11450.0000 - 11700.0000 MHz	5M77G7W		DIGITAL
11700.0000 - 12200.0000 MHz	1M92G7D		DIGITAL
11700.0000 - 12200.0000 MHz	3M85G7D		DIGITAL
11700.0000 - 12200.0000 MHz	5M76G7D		DIGITAL
11700.0000 - 12200.0000 MHz	7M68G7D		DIGITAL
11700.0000 - 12200.0000 MHz	8M67G7D		DIGITAL
12500.0000 - 12750.0000 MHz	1M76G7W		DIGITAL
12500.0000 - 12750.0000 MHz	2M41G7W		DIGITAL
12500.0000 - 12750.0000 MHz	3M52G7W		DIGITAL
12500.0000 - 12750.0000 MHz	5M77G7W		DIGITAL

SITE ID: Oceans  
LOCATION: 4400 S. Sam Houston Pkwy, USA, Houston, TX

ANTENNA ID: ESV4003      1 meters      Seatel      4003

14000.0000 - 14500.0000 MHz      100KG7D      37.00 dBW      Digital

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14000.0000 - 14500.0000 MHz	150KG7D	38.80 dBW	Digital
14000.0000 - 14500.0000 MHz	200KG7D	40.00 dBW	Digital
14000.0000 - 14500.0000 MHz	300KG7D	41.80 dBW	Digital
14000.0000 - 14500.0000 MHz	50K0G7D	34.00 dBW	Digital
14000.0000 - 14500.0000 MHz	780KG7D	46.00 dBW	Digital
12500.0000 - 12750.0000 MHz	1M76G7W		Digital
12500.0000 - 12750.0000 MHz	2M41G7W		Digital
12500.0000 - 12750.0000 MHz	3M52G7W		Digital
12500.0000 - 12750.0000 MHz	5M77G7W		Digital
11700.0000 - 12200.0000 MHz	1M92G7D		Digital
11700.0000 - 12200.0000 MHz	3M85G7D		Digital
11700.0000 - 12200.0000 MHz	5M76G7D		Digital
11700.0000 - 12200.0000 MHz	7M68G7D		Digital
11700.0000 - 12200.0000 MHz	8M67G7D		Digital
11700.0000 - 12200.0000 MHz	390KG7D		Digital
11450.0000 - 11700.0000 MHz	1M76G7W		Digital
11450.0000 - 11700.0000 MHz	2M41G7W		Digital
11450.0000 - 11700.0000 MHz	3M52G7W		Digital
11450.0000 - 11700.0000 MHz	5M77G7W		Digital
10950.0000 - 11200.0000 MHz	1M76G7W		Digital
10950.0000 - 11200.0000 MHz	2M41G7W		Digital
10950.0000 - 11200.0000 MHz	3M52G7W		Digital
10950.0000 - 11200.0000 MHz	5M77G7W		Digital
ANTENNA ID: ESV4006	1 meters	Seatel	4006
14000.0000 - 14500.0000 MHz	150KG7D	38.80 dBW	Digital
14000.0000 - 14500.0000 MHz	200KG7D	40.00 dBW	Digital

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14000.0000 - 14500.0000 MHz	300KG7D	41.80 dBW	Digital
14000.0000 - 14500.0000 MHz	390KG7D	43.00 dBW	Digital
14000.0000 - 14500.0000 MHz	50K0G7D	34.00 dBW	Digital
14000.0000 - 14500.0000 MHz	780KG7D	46.00 dBW	Digital
12500.0000 - 12750.0000 MHz	1M76G7W		Digital
12500.0000 - 12750.0000 MHz	2M41G7W		Digital
12500.0000 - 12750.0000 MHz	3M52G7W		Digital
12500.0000 - 12750.0000 MHz	5M77G7W		Digital
11700.0000 - 12200.0000 MHz	1M92G7D		Digital
11700.0000 - 12200.0000 MHz	3M85G7D		Digital
11700.0000 - 12200.0000 MHz	5M76G7D		Digital
11700.0000 - 12200.0000 MHz	7M68G7D		Digital
11700.0000 - 12200.0000 MHz	8M67G7D		Digital
11700.0000 - 12200.0000 MHz	100KG7D		Digital
11450.0000 - 11700.0000 MHz	1M76G7W		Digital
11450.0000 - 11700.0000 MHz	3M52G7W		Digital
11450.0000 - 11700.0000 MHz	5M77G7W		Digital
10950.0000 - 11200.0000 MHz	1M76G7W		Digital
10950.0000 - 11200.0000 MHz	2M41G7W		Digital
10950.0000 - 11200.0000 MHz	3M52G7W		Digital
10950.0000 - 11200.0000 MHz	5M77G7W		Digital
ANTENNA ID: ESV4996	1.2 meters	Seatel	4996
ANTENNA ID: ESV6006	1.5 meters	Seatel	6006
14000.0000 - 14500.0000 MHz	100KG7D	37.00 dBW	Digital
14000.0000 - 14500.0000 MHz	150KG7D	38.80 dBW	Digital
14000.0000 - 14500.0000 MHz	1M17G7D	47.80 dBW	Digital



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14000.0000 - 14500.0000 MHz	1M56G7D	49.10 dBW	Digital
14000.0000 - 14500.0000 MHz	200KG7D	40.00 dBW	Digital
14000.0000 - 14500.0000 MHz	300KG7D	41.80 dBW	Digital
14000.0000 - 14500.0000 MHz	390KG7D	43.00 dBW	Digital
14000.0000 - 14500.0000 MHz	50K0G7D	34.00 dBW	Digital
14000.0000 - 14500.0000 MHz	780KG7D	46.00 dBW	Digital
12500.0000 - 12750.0000 MHz	1M76G7W		Digital
12500.0000 - 12750.0000 MHz	2M41G7W		Digital
12500.0000 - 12750.0000 MHz	3M52G7W		Digital
12500.0000 - 12750.0000 MHz	5M77G7W		Digital
11700.0000 - 12200.0000 MHz	1M92G7D		Digital
11700.0000 - 12200.0000 MHz	3M85G7D		Digital
11700.0000 - 12200.0000 MHz	5M76G7D		Digital
11700.0000 - 12200.0000 MHz	7M68G7D		Digital
11700.0000 - 12200.0000 MHz	8M67G7D		Digital
11450.0000 - 11700.0000 MHz	1M76G7W		Digital
11450.0000 - 11700.0000 MHz	2M41G7W		Digital
11450.0000 - 11700.0000 MHz	3M52G7W		Digital
11450.0000 - 11700.0000 MHz	5M77G7W		Digital
10950.0000 - 11200.0000 MHz	1M76G7W		Digital
10950.0000 - 11200.0000 MHz	2M41G7W		Digital
10950.0000 - 11200.0000 MHz	3M52G7W		Digital
10950.0000 - 11200.0000 MHz	5M77G7W		Digital
ANTENNA ID: ESV9797	2.4 meters	Seatel	9797
14000.0000 - 14500.0000 MHz	100KG7D	37.00 dBW	Digital
14000.0000 - 14500.0000 MHz	1M17G7D	47.80 dBW	Digital

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14000.0000 - 14500.0000 MHz	1M56G7D	49.10 dBW	Digital
14000.0000 - 14500.0000 MHz	200KG7D	40.00 dBW	Digital
14000.0000 - 14500.0000 MHz	300KG7D	41.80 dBW	Digital
14000.0000 - 14500.0000 MHz	390KG7D	43.00 dBW	Digital
14000.0000 - 14500.0000 MHz	50K0G7D	34.00 dBW	Digital
14000.0000 - 14500.0000 MHz	780KG7D	46.00 dBW	Digital
14000.0000 - 14500.0000 MHz	3M30G7W	54.94 dBW	Digital
14000.0000 - 14500.0000 MHz	4M00G7W	55.80 dBW	Digital
11700.0000 - 12200.0000 MHz	1M92G7D		Digital
11700.0000 - 12200.0000 MHz	3M85G7D		Digital
11700.0000 - 12200.0000 MHz	5M76G7D		Digital
11700.0000 - 12200.0000 MHz	7M68G7D		Digital
11700.0000 - 12200.0000 MHz	8M67G7D		Digital
11700.0000 - 12200.0000 MHz	150KG7D		Digital
11700.0000 - 12200.0000 MHz	27M0G7W		Digital

SITE ID: SEATEL 75CM(USAT30)  
LOCATION: 0.75CM (500 UNITS), OCEANS

ANTENNA ID:	ESV75CM	0.75 meters	SEATEL	USAT 30
14000.0000 - 14500.0000 MHz	840KG7W	40.62 dBW	DIGITAL	
11700.0000 - 12200.0000 MHz	1M59G7W		DIGITAL	

SITE ID: ORBIT 7103  
LOCATION: 1.2M (250 UNITS), LA

ANTENNA ID:	ORBIT7103	1.2 meters	ORBIT	7103
14000.0000 - 14500.0000 MHz	1M1G7D	42.50 dBW	DIGITAL	
14000.0000 - 14500.0000 MHz	4M68G7D	48.50 dBW	DIGITAL	
11700.0000 - 12200.0000 MHz	8M67G7D		DIGITAL	

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SITE ID: INTELLIAN V60  
LOCATION: 0.6M. (500 UNITS) GM AO PO CARRIBBEAN SEA, US WATERWAYS

ANTENNA ID:	INEL60CM	0.6 meters	INTELLIAN TECHNOLOGIES	INTELLIAN V60	
	14000.0000 - 14500.0000 MHz		567KG7W	37.22 dBW	DIGITAL
	14000.0000 - 14500.0000 MHz		3M00G7W	44.29 dBW	DIGITAL
	11700.0000 - 12200.0000 MHz		2M30G7W		DIGITAL

SITE ID: INTELLIAN V80  
LOCATION: 0.83M. (500 UNITS) GM AO PO CARRIBBEAN SEA, US WATERWAYS

ANTENNA ID:	INTE83CM	0.83 meters	INTELLIAN	INTELLIAN V80	
	14000.0000 - 14500.0000 MHz		248KG7W	37.80 dBW	DIGITAL
	14000.0000 - 14500.0000 MHz		1M50G7W	44.78 dBW	DIGITAL
	14000.0000 - 14500.0000 MHz		2M05G7W	44.13 dBW	DIGITAL
	11700.0000 - 12200.0000 MHz		2M30G7W		DIGITAL

**Points of Communication:**

ESV - PERMITTED LIST - ()  
ESV - SATMEX-5 (S2589) - (114.9 W.L.)  
INTELLIAN V60 - GALAXY 25 (S2154) - (93.1 W.L.)  
INTELLIAN V60 - PERMITTED LIST - ()  
INTELLIAN V80 - GALAXY 25 (S2154) - (93.1 W.L.)  
INTELLIAN V80 - PERMITTED LIST - ()  
Oceans - SATMEX 6 (S2695) - (113 W.L.)  
Oceans - SATMEX-5 (S2589) - (114.9 W.L.)  
Oceans - TELSTAR 11 - (37.5 W.L.)  
ORBIT 7103 - PERMITTED LIST - ()  
ORBIT 7103 - TELSTAR 11N (S2357) - (37.5 W.L.)  
SEATEL 75CM(USAT30) - ESTRELA DO SUL 1 - (63 W.L.)  
SEATEL 75CM(USAT30) - GALAXY 26 - (93 W.L.)  
SEATEL 75CM(USAT30) - PERMITTED LIST - ()

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**SES-STA-20140915-00731** E E080168 Sirius XM Radio Inc.  
Special Temporary Authority  
Grant of Authority

Date Effective: 12/18/2014

**Class of Station:**

On December 18, 2014, Sirius XM Radio Inc. was granted special temporary authority, for a period of 30 days, beginning December 18, 2014, to use its fixed earth station in Ellenwood, GA, to conduct telemetry, tracking and command (TT&C) for the XM-2 satellite at the 27° W.L. orbital location using the following center frequencies: 7049.0 MHz and 7074.0 MHz (Earth-to-space), and 2339.2 MHz, 2339.7 MHz, 2344.0 MHz, and 2344.5 MHz (space-to-Earth).

**Points of Communication:**

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**SES-T/C-20140815-00659** E E4931 Newschannel 5 Network, LLC  
Application for Consent to Transfer of Control  
Grant of Authority

Date Effective: 12/23/2014

**Current Licensee:** Newschannel 5 Network, LLC  
**FROM:** SHAREHOLDERS OF JOURNAL COMMUNICATIONS, INC.  
**TO:** E.W. Scripps Company

No. of Station(s) listed: 2

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**SES-T/C-20140815-00660** E E030121 Journal Broadcast Corporation  
Application for Consent to Transfer of Control  
Grant of Authority

Date Effective: 12/23/2014

**Current Licensee:** Journal Broadcast Corporation  
**FROM:** SHAREHOLDERS OF JOURNAL COMMUNICATIONS, INC.  
**TO:** E.W. Scripps Company

No. of Station(s) listed: 8

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**SES-T/C-20140815-00661** E E040278 Newschannel 5 Network, LLC  
Application for Consent to Transfer of Control  
Grant of Authority

Date Effective: 12/23/2014

**Current Licensee:** Newschannel 5 Network, LLC  
**FROM:** SHAREHOLDERS OF JOURNAL COMMUNICATIONS, INC.  
**TO:** E.W. Scripps Company

No. of Station(s) listed: 3

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**SES-T/C-20140815-00662** E E130144 Newschannel 5 Network, LLC  
Application for Consent to Transfer of Control  
Grant of Authority

Date Effective: 12/23/2014

**Current Licensee:** Newschannel 5 Network, LLC  
**FROM:** SHAREHOLDERS OF JOURNAL COMMUNICATIONS, INC.  
**TO:** E.W. Scripps Company

No. of Station(s) listed: 1

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**SES-T/C-20140815-00663** E E000491 Journal Broadcast Corporation  
Application for Consent to Transfer of Control  
Grant of Authority

Date Effective: 12/23/2014

**Current Licensee:** Journal Broadcast Corporation  
**FROM:** SHAREHOLDERS OF JOURNAL COMMUNICATIONS, INC.  
**TO:** E.W. Scripps Company

No. of Station(s) listed: 12

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**SES-T/C-20141216-00910** E E070289 KATV, LLC  
Application for Consent to Transfer of Control  
Grant of Authority Date Effective: 12/19/2014

**Current Licensee:** KATV, LLC  
**FROM:** ALLBRITTON COMMUNICATIONS COMPANY  
**TO:** Allbritton Group, LLC

No. of Station(s) listed: 4

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**SES-T/C-20141216-00912** E E050073 KTUL, LLC  
Application for Consent to Transfer of Control  
Grant of Authority Date Effective: 12/19/2014

**Current Licensee:** KTUL, LLC  
**FROM:** ALLBRITTON COMMUNICATIONS COMPANY  
**TO:** Allbritton Group, LLC

No. of Station(s) listed: 2

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**SES-T/C-20141216-00913** E E880611 WJAC Licensee, LLC  
Application for Consent to Transfer of Control  
Grant of Authority Date Effective: 12/19/2014

**Current Licensee:** WJAC Licensee, LLC  
**FROM:** Sinclair Communications, LLC  
**TO:** Sinclair Television of Fresno, LLC

No. of Station(s) listed: 1

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**SES-T/C-20141216-00914** E E060055 TV Alabama, Inc.  
Application for Consent to Transfer of Control  
Grant of Authority Date Effective: 12/19/2014

**Current Licensee:** WBMA Licensee, LLC  
**FROM:** TV Alabama Inc.  
**TO:** WBMA Licensee, LLC

No. of Station(s) listed: 2

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**SES-T/C-20141216-00915** E E860191 WSET Incorporated  
Application for Consent to Transfer of Control  
Grant of Authority Date Effective: 12/19/2014

**Current Licensee:** WSET Incorporated  
**FROM:** WSET, INCORPORATED  
**TO:** Allbritton Group, LLC

No. of Station(s) listed: 2

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**SES-T/C-20141216-00916** E E010272 ACC Licensee, LLC  
Application for Consent to Transfer of Control  
Grant of Authority Date Effective: 12/19/2014

**Current Licensee:** ACC Licensee, LLC  
**FROM:** ALLBRITTON COMMUNICATIONS COMPANY  
**TO:** Allbritton Group, LLC

No. of Station(s) listed: 5

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**SES-T/C-20141218-00911** E E140085 Media General Communications Holdings, LLC

Application for Consent to Transfer of Control

Consummated

Date Effective: 12/19/2014

**Current Licensee:** Media General Communications Holdings, LLC

**FROM:** Shareholders of Media General, Inc.

**TO:** Post-Merger Shareholders of Media General, Inc.

No. of Station(s) listed: 1

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**Dismissal**

**SES-STA-20131114-01060** E010133 Intelsat License LLC

Application for special temporary authority is dismissed, SES-MFS-20131111-00953 has been granted.

**SURRENDER**

**SES-LIC-20060110-00024** E910651 National Weather Networks, Inc.

License surrendered by letter on December 18, 2014.

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 202-418-2555.