



# 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>)  
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Report No. SES-01984

Wednesday August 23, 2017

## Satellite Communications Services re: Satellite Radio Applications Accepted For Filing

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

**SES-ASG-20170728-00841** E E980388 Metrovision Production Group, LLC  
Application for Consent to Assignment  
**Current Licensee:** Metrovision Production Group, LLC  
**FROM:** METROVISION PRODUCTION GROUP, LLC  
**TO:** PSSI Global Services LLC

No. of Station(s) listed: 1

**SES-ASG-20170803-00853** E E980072 WWL-TV, Inc.  
Application for Consent to Assignment  
**Current Licensee:** WWL-TV, Inc.  
**FROM:** WWL-TV, INC.  
**TO:** The Satellite Center, Inc.

No. of Station(s) listed: 1

**SES-LIC-20170725-00795** E E170137 SES Americom, Inc.  
Application for Authority  
**Class of Station:** Fixed Earth Stations  
**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 2323 Grimville Rd, Mt. Airy, MD  
39 ° 22 ' 38.80 " N LAT. 77 ° 4 ' 52.00 " W LONG.

ANTENNA ID:	1	7.6 meters	ASC Signal	RF-4LPKU-76-1-A
	13750.0000 - 14000.0000 MHz	745KG7W	68.00 dBW	Didgital Data
	13750.0000 - 14000.0000 MHz	38M8G7W	84.99 dBW	Digital Data
	13750.0000 - 14000.0000 MHz	72M0G7W	84.99 dBW	Didgital Data

14000.0000 - 14500.0000 MHz	N0N	51.30 dBW	Analog CW carrier
14000.0000 - 14500.0000 MHz	100KG7W	59.30 dBW	Didgital Data
14000.0000 - 14500.0000 MHz	36M0G7W	84.80 dBW	Didgital Data
11450.0000 - 11700.0000 MHz	745KG7W		Didgital Data
11450.0000 - 11700.0000 MHz	38M8G7W		Digital Data
11700.0000 - 12200.0000 MHz	100KG7W		Digital Data
11700.0000 - 12200.0000 MHz	36M0G7W		Digital data
11450.0000 - 11700.0000 MHz	72M0G7W		Digital Data

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-LIC-20170726-00808** E E170141 SES Americom, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 2323 Grimville Rd., Mt. Airy, MD

39 ° 22 ' 40.03 " N LAT.

77 ° 4 ' 52.43 " W LONG.

ANTENNA ID:	1	6.3 meters	GD Satcom	6.3m Ka
	28350.0000 - 28600.0000 MHz	100KG7W	56.28 dBW	Digital Data
	28350.0000 - 28600.0000 MHz	201MG7W	89.30 dBW	Digital Data
	28350.0000 - 28600.0000 MHz	250MG7W	89.30 dBW	Digital Data
	28350.0000 - 28600.0000 MHz	N0N	42.30 dBW	Digital Data
	29500.0000 - 30000.0000 MHz	100KG7W	56.28 dBW	Digital Data
	29500.0000 - 30000.0000 MHz	250MG7W	89.30 dBW	Digital data
	29500.0000 - 30000.0000 MHz	201MG7W	89.30 dBW	Digital Data
	18550.0000 - 18800.0000 MHz	100KG7W		Digital data
	18550.0000 - 18800.0000 MHz	201MG7W		Digital Data
	18550.0000 - 18800.0000 MHz	250MG7W		Digital Data

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18550.0000 - 18800.0000 MHz	N0N		CW
19700.0000 - 20200.0000 MHz	100KG7W		Digital Data
19700.0000 - 20200.0000 MHz	201MG7W		Digital Data
19700.0000 - 20200.0000 MHz	N0N		CW
19700.0000 - 20200.0000 MHz	250MG7W		Digital Data
29500.0000 - 30000.0000 MHz	N0N	42.30 dBW	CW

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-LIC-20170801-00850** E E170146 Bushtex, Inc.

Application for Authority

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

**Nature of Service:** Fixed Satellite Service

SITE ID: HUB

LOCATION: 723 West Guadalupe Road, Maricopa, Gilbert, AZ

33 ° 21 ' 50.00 " N LAT.

111 ° 48 ' 20.00 " W LONG.

ANTENNA ID: HUB 4.5 meters ASC Signal BTX 450

14000.0000 - 14500.0000 MHz 36M0G7W 60.80 dBW QPSK; DATA

**Points of Communication:**

HUB - PERMITTED LIST - ()

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**SES-LIC-20170801-00851** E E170147 Bushtex, Inc.

Application for Authority

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

**Nature of Service:** Fixed Satellite Service

SITE ID: HUB

LOCATION: 723 West Guadalupe Road, Maricopa, Gilbert, AZ

33 ° 21 ' 50.00 " N LAT.

111 ° 48 ' 20.00 " W LONG.

ANTENNA ID: HUB 4.5 meters ASC Signal BTX 450 S

14000.0000 - 14500.0000 MHz 36M0G7W 60.80 dBW QPSK; DATA

**Points of Communication:**

HUB - PERMITTED LIST - ()

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**SES-LIC-20170817-00924** E E170172 WJCL Hearst Television LLC

Application for Authority

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

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION:

0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	1	1.8 meters	Advent Communications	Newsweek 1.8	
	14000.0000 - 14500.0000 MHz		36M0D7W	67.17 dBW	QAM or APSK; Digital Video, Audio, and Data
	14000.0000 - 14500.0000 MHz		3M50D7W	62.21 dBW	QAM or APSK; Digital Video, Audio, and Data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MFS-20170721-00786** E E950497 Digital Comm Link, Inc.

Modification

**Class of Station:** Fixed Earth Stations

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

Digital Comm Link, Inc. requests modification of its fixed earth station in Davie, FL to add a 7.3-meter antenna to communicate with Permitted List satellites and the SES-4 (S2828) satellite at the 22° W.L. orbital location in the 14.0-14.5 MHz (Earth-to-space), 10.95-11.2 GHz and 11.45-12.2 GHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: 10450 STATE ROAD 84, BROWARD, DAVIE, FL

26 ° 6 ' 23.00 " N LAT.

80 ° 17 ' 17.00 " W LONG.

ANTENNA ID:	1	9.1 meters	SCIENTIFIC ATLANTA	8009A	
	14000.0000 - 14500.0000 MHz		36M0F8W	88.10 dBW	
	11700.0000 - 12200.0000 MHz		36M0F8W		
	11450.0000 - 11700.0000 MHz		36M0F8W		INT'L
	10950.0000 - 11200.0000 MHz		36M0F8W		INT'L
ANTENNA ID:	2	7.3 meters	GENERAL DYNAMICS	SATCOM 7.3M	
	14000.0000 - 14500.0000 MHz		36M0G7W	79.10 dBW	DIGITAL DATA CARRIER
	14000.0000 - 14500.0000 MHz		44K8G7D	54.60 dBW	DIGITAL DATA CARRIER
	10950.0000 - 11200.0000 MHz		36M0G7W		DIGITAL DATA CARRIER

10950.0000 - 11200.0000 MHz	44K8G7D	DIGITAL DATA CARRIER
11450.0000 - 12200.0000 MHz	36M0G7W	DIGITAL DATA CARRIER
11450.0000 - 12200.0000 MHz	44K8G7D	DIGITAL DATA CARRIER

**Points of Communication:**

1 - PERMITTED LIST - ()

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

**SES-MOD-20170804-00867** E E980005 EchoStar Operating L.L.C.

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Direct Broadcast Satellite Service, Fixed Satellite Service

EchoStar Operating L.L.C., requests modification its fixed earth station in Cheyenne, WY to add EchoStar 12 (S2653) satellite at the 86.4 W.L. orbital location as a new point of communication for TT&C operations. The station will continue with the frequency bands on license.

SITE ID: 1

LOCATION: 530 ECHOSTAR DRIVE, LARMIE, CHEYENNE, WY

41 ° 7 ' 56.40 " N LAT.

104 ° 44 ' 10.40 " W LONG.

ANTENNA ID: 1	13.2 meters	TIW	13.2 METER
17790.0000 - 17800.0000 MHz	1M00G2D	35.80 dBW	Telemetry
17307.0000 - 17308.5000 MHz	1M00G2D	86.30 dBW	Digital Data, FEC 3/4 (TT&C)
17301.0000 - 17302.0000 MHz	1M00G2D	86.30 dBW	Digital Data, FEC 3/4 (TT&C)
17300.0000 - 17800.0000 MHz	24M0M1F	87.40 dBW	Digital Video, FEC 3/4
17300.0000 - 17800.0000 MHz	24M0G1W	87.40 dBW	Digital Video, FEC 3/4
12698.5000 - 12699.5000 MHz	1M00G2D		Telemetry Beacon (TT&C)
12202.5000 - 12203.5000 MHz	1M00G2D		Telemetry Beacon (TT&C)
12200.5000 - 12201.5000 MHz	1M00G2D		Telemetry Beacon (TT&C)
12200.0000 - 12700.0000 MHz	24M0M1F		Digital Video, FEC 3/4
12200.0000 - 12205.0000 MHz	800KG2D		Telemetry

**Points of Communication:**

1 - ECHO-3 - (61.5 DEG)

1 - ECHOSTAR 12 - (86.4 W.L.)

- 1 - EHOSTAR 14 - (118.9 W.L.)
- 1 - EHOSTAR 15 (S2811) - (45.1 W.L.)
- 1 - EHOSTAR 16 (S2844) - (61.5 W.L.)
- 1 - EHOSTAR 2 - (148 W.L.)
- 1 - EHOSTAR 23 - (44.9 W.L.)
- 1 - EHOSTAR 4 - (76.85 W.L.)
- 1 - EHOSTAR 7 - (118.8 W.L.)
- 1 - EHOSTAR 8 - (77 W.L.)
- 1 - EHOSTAR/DISH - ()

**SES-MOD-20170804-00869** E E070014 EchoStar Operating L.L.C.

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Direct Broadcast Satellite Service, Fixed Satellite Service

EchoStar Operating L.L.C., requests modification its fixed earth station in Gilbert, AZ to add EchoStar 12 (S2653) satellite at the 86.4 W.L. orbital location as a new point of communication for TT&C operations. The station will continue to operate with the frequency bands on license.

SITE ID: 1

LOCATION: 801 N. DISH DRIVE (GFMA), MARICOPA, GILBERT, AZ  
 33 ° 22 ' 0.80 " N LAT. 111 ° 48 ' 54.70 " W LONG.

ANTENNA ID:	GFMA	13.2 meters	VERTEX/TIW	13.2 METER
	17790.0000 - 17800.0000 MHz	800KG2D	79.11 dBW	Command Carrier (TT&C)
	17790.0000 - 17800.0000 MHz	800KG2D	84.10 dBW	Command Carrier (TT&C)
	17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW	Digital Compressed Video, Voice, Data
	17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW	Digital Compressed Video
	17300.0000 - 17800.0000 MHz	1M50G2D	86.90 dBW	Command Carrier (TT&C)
	17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW	Digital Compressed Video
	17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW	Digital Compressed Video
	17300.0000 - 17800.0000 MHz	1M50G2D	86.90 dBW	Command Carrier (TT&C)
	17300.0000 - 17310.0000 MHz	800KG2D	79.11 dBW	Command Carrier (TT&C)
	17300.0000 - 17310.0000 MHz	800KG2D	84.10 dBW	Command Carrier (TT&C)
	12690.0000 - 12700.0000 MHz	800KG2D		Telemetry (TT&C)

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12690.0000 - 12700.0000 MHz	800KG2D	Telemetry (TT&C)
12200.0000 - 12700.0000 MHz	24M0G7W	Digital Compressed Video, Voice, Data
12200.0000 - 12700.0000 MHz	24M0G7W	Digital Compressed Video
12200.0000 - 12700.0000 MHz	1M50G2D	Telemetry (TT&C)
12200.0000 - 12700.0000 MHz	24M0G7W	Digital Compressed Video
12200.0000 - 12700.0000 MHz	24M0G7W	Digital Compressed Video
12200.0000 - 12700.0000 MHz	1M50G2D	Telemetry (TT&C)
12200.0000 - 12210.0000 MHz	800KG2D	Telemetry (TT&C)
12200.0000 - 12210.0000 MHz	800KG2D	Telemetry (TT&C)
12200.0000 - 12205.0000 MHz	800KG2D	Telemetry

**Points of Communication:**

- 1 - CIEL 2 - (128.85 W.L.)
- 1 - ECHOSTAR 1 - (77 W.L.)
- 1 - ECHOSTAR 10 - (110.2 W.L.)
- 1 - ECHOSTAR 12 - (86.4 W.L.)
- 1 - ECHOSTAR 15 (S2811) - (45.1 W.L.)
- 1 - ECHOSTAR 16 (S2844) - (61.5 W.L.)
- 1 - ECHOSTAR 2 - (148 W.L.)
- 1 - ECHOSTAR 23 - (44.9 W.L.)
- 1 - ECHOSTAR 3 (S2741) - (61.5 W.L.)
- 1 - ECHOSTAR 4 - (77 W.L.)
- 1 - ECHOSTAR 5 - (129 W.L.)
- 1 - ECHOSTAR 6 - (110 W.L.)
- 1 - ECHOSTAR 6 - (72.7 W.L.)
- 1 - ECHOSTAR 7 - (119 W.L.)
- 1 - ECHOSTAR 8 - (110 W.L.)
- 1 - ECHOSTAR 8 - (76.85)
- 1 - ECHOSTAR I - (148.0 W.L.)

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1 - EHOSTAR/DISH - ()

1 - NIMIQU 5 - (72.7 W.L.)

1 - RAINBOW1 - (61.5 W.L.)

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**SES-MOD-20170817-00922** E E5589 The University of Oklahoma

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

The University of Oklahoma requests modification its receive-only fixed earth station in Norman, OK to update: (1) the site coordinates; (2) the make and model of its antenna; and (3) its emission designators. This station will continue to operate with Permitted List satellites in the 4700-4200 MHz (space-to-Earth) frequency band.

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		10M3G7W	DIGITAL AUDIO CARRIER
	3700.0000 - 4200.0000 MHz		30K0F1D	DIGITAL AUDIO CARRIER

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20170817-00926** E E030342 LBiSat LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

LBiSat LLC requests modification of its fixed earth station in South Jordan, UT to operate its 9.2-meter antenna with the Telstar 12 (S2462) satellite in the 13.75-14.0 GHz (Earth-to-space) frequency band.

SITE ID: 1

LOCATION: 10288 SOUTH JORDAN GATEWAY UNIT K, SALT LAKE, SOUTH JORDAN, UT  
40 ° 33 ' 54.00 " N LAT. 111 ° 54 ' 14.00 " W LONG.

ANTENNA ID:	9.3 C-BAND	9.3 meters	ANDREW CORP.	ESA93-46
	6361.0000 - 6399.0000 MHz		5M40G7W	75.70 dBW
				DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
	6361.0000 - 6399.0000 MHz		102KG7W	58.50 dBW
				DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
	6302.0000 - 6330.0000 MHz		5M40G7W	75.70 dBW
				DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC



6302.0000 - 6330.0000 MHz	102KG7W	58.50 dBW	DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
6262.0000 - 6271.0000 MHz	5M40G7W	75.70 dBW	DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
6262.0000 - 6271.0000 MHz	102KG7W	58.50 dBW	DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
6213.0000 - 6251.0000 MHz	5M40G7W	75.70 dBW	DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
6213.0000 - 6251.0000 MHz	102KG7W	58.50 dBW	DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
5925.0000 - 6182.0000 MHz	5M40G7W	75.70 dBW	DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
5925.0000 - 6182.0000 MHz	102KG7W	58.50 dBW	DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
3700.0000 - 4200.0000 MHz	5M40G7W		DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
3700.0000 - 4200.0000 MHz	102KG7W		DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
ANTENNA ID: 5.6 KU-BAN	5.6 meters	ANDREW CORP.	ESA56-124
14000.0000 - 14500.0000 MHz	36M0G7W	81.70 dBW	DIGITAL DATA, VARIOUS FEC, VARIOUS INFORMATION
14000.0000 - 14500.0000 MHz	102KG7W	56.30 dBW	DIGITAL DATA, VARIOUS FEC, VARIOUS INFORMATION
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA, VARIOUS FEC, VARIOUS INFORMATION
11700.0000 - 12200.0000 MHz	102KG7W		DIGITAL DATA, VARIOUS FEC, VARIOUS INFORMATION
ANTENNA ID: 9.2 KU-BAN	9.2 meters	RSI	KS
14000.0000 - 14500.0000 MHz	36M0F3F	85.00 dBW	STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
14000.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
14000.0000 - 14500.0000 MHz	51K2G7W	57.30 dBW	DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
13750.0000 - 14000.0000 MHz	36M0G7D	85.00 dBW	DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC

13750.0000 - 14000.0000 MHz	409KG7D	65.50 dBW	DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
11700.0000 - 12200.0000 MHz	36M0F3F		STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
13750.0000 - 14000.0000 MHz	54M0G7W	72.10 dBW	DIGITAL DATA
ANTENNA ID: 7.6 KU-BAN	7.6 meters	ANDREW	ESA76-K1
14000.0000 - 14500.0000 MHz	36M0G7W	84.74 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS MODULATION
14000.0000 - 14500.0000 MHz	51K2G7W	56.27 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS MODULATION
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS MODULATION
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS MODULATION
ANTENNA ID: 6.3 KU-BAN	6.3 meters	GD SATCOM	6.3M
14000.0000 - 14500.0000 MHz	36M0G7W	83.00 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS MODULATION
14000.0000 - 14500.0000 MHz	51K2G7W	54.60 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS MODULATION
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS MODULATION
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS MODULATION

**Points of Communication:**

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1 - PERMITTED LIST - ()

1 - Telstar 12 (S2462) - (109.2)

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