



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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WASHINGTON D.C. 20554

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Report No. SES-01912

Wednesday December 14, 2016

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-LIC-20161208-00938 E E160177 AT&T Corp.

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: (MP0101H3), Various (US Territor

ANTENNA ID:	ATT-2M4	2.4 meters	AVL	2410
	3700.0000 - 4200.0000 MHz		1M59G2W	QPSK, 8-QAM, 16-QAM, Data and Voice
	5925.0000 - 6425.0000 MHz		1M59G2W 53.50 dBW	QPSK, 8-QAM, 16-QAM, Data and Voice

Points of Communication:

1 - PERMITTED LIST - ()

SES-MFS-20161122-00899 E E980005 EchoStar Broadcasting Corporation

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Feeder Link for DBS in Fixed Satellite Service, Fixed Satellite Service, Other

EchoStar Broadcasting Corporation requests modification of its fixed earth station in Cheyenne, WY to add the EchoStar 23 satellite at the 44.9° W.L. orbital location as a point of communication to provide telemetry, tracking and command (TT&C) services in the 17.30-17.31 GHz and 17.790-17.80 GHz (Earth-to-space), and 12.20-12.21 GHz and 12.69-12.70 GHz (space-to-Earth) frequency bands.

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 - (61.35 W.L.)
- 1 - ECHOSTAR 14 - (118.9 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 4 - (76.85 W.L.)
- 1 - ECHOSTAR 7 - (118.8 W.L.)
- 1 - ECHOSTAR 8 - (77 W.L.)
- 1 - ECHOSTAR/DISH - ()

SES-MFS-20161122-00900 E E020248 EchoStar Broadcasting Corporation
 Modification
Class of Station: Fixed Earth Stations

Nature of Service: Other

EchoStar Broadcasting Corporation requests modification of its fixed earth station in Blackhawk, SD to add the EchoStar 23 satellite at the 44.9° W.L. orbital location as a point of communication to provide telemetry, tracking and command (TT&C) services in the 17.30-17.31 GHz and 17.79-17.80 GHz (Earth-to-space), and 12.20-12.21 GHz and 12.69-12.70 GHz (space-to-Earth) frequency bands.

SITE ID: BH

LOCATION: 10020 LIBERTY STREET, MEADE, BLACKHAWK, SD

44 ° 11 ' 14.20 " N LAT.

103 ° 20 ' 7.50 " 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 15 (S2811) - (45.1 W.L.)
- BH - ECHOSTAR 23 - (44.9 W.L.)
- BH - ECHOSTAR 3 (S2741) - (61.5 W.L.)
- BH - ECHOSTAR 4 - (77 W.L.)
- BH - ECHOSTAR 5 - (129 W.L.)
- BH - ECHOSTAR 6 - (110 W.L.)
- BH - ECHOSTAR 7 - (119 W.L.)
- BH - ECHOSTAR 8 - (110 W.L.)
- BH - ECHOSTAR/DISH - ()
- BH - RAINBOW1 - (61.5 W.L.)

SES-MFS-20161122-00901 E E070014 EchoStar Broadcasting Corporation

Modification

Class of Station: Fixed Earth Stations

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

EchoStar Broadcasting Corporation requests modification of its fixed earth station in Gilbert, AZ to add the EchoStar 23 satellite at the 44.9° W.L. orbital location as a point of communication to provide telemetry, tracking and command (TT&C) services in the 17.30-17.31 GHz and 17.79-1.780 GHz (Earth-to-space), and 12.20-12.21 GHz and 12.69-12.70 GHz (space-to-Earth) frequency bands.

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
	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)
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 - 12210.0000 MHz	800KG2D		Telemetry (TT&C)
12200.0000 - 12210.0000 MHz	800KG2D		Telemetry (TT&C)
12690.0000 - 12700.0000 MHz	800KG2D		Telemetry (TT&C)
12690.0000 - 12700.0000 MHz	800KG2D		Telemetry (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)
17790.0000 - 17800.0000 MHz	800KG2D	79.11 dBW	Command Carrier (TT&C)
17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW	Digital Compressed Video
12200.0000 - 12700.0000 MHz	24M0G7W		Digital Compressed Video
12200.0000 - 12700.0000 MHz	24M0G7W		Digital Compressed Video
17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW	Digital Compressed Video
17790.0000 - 17800.0000 MHz	800KG2D	84.10 dBW	Command Carrier (TT&C)
12200.0000 - 12205.0000 MHz	800KG2D		Telemetry
17300.0000 - 17800.0000 MHz	1M50G2D	86.90 dBW	Command Carrier (TT&C)
12200.0000 - 12700.0000 MHz	1M50G2D		Telemetry (TT&C)

Points of Communication:

- 1 - CIEL 2 - (128.85 W.L.)
- 1 - EHOSTAR 1 - (77 W.L.)
- 1 - EHOSTAR 10 - (110.2 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 3 (S2741) - (61.5 W.L.)

1 - EHOSTAR 4 - (77 W.L.)

1 - EHOSTAR 5 - (129 W.L.)

1 - EHOSTAR 6 - (110 W.L.)

1 - EHOSTAR 6 - (72.7 W.L.)

1 - EHOSTAR 7 - (119 W.L.)

1 - EHOSTAR 8 - (110 W.L.)

1 - EHOSTAR 8 - (76.85)

1 - EHOSTAR I - (148.0 W.L.)

1 - EHOSTAR/DISH - ()

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

1 - RAINBOW1 - (61.5 W.L.)

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