



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02054

Wednesday April 18, 2018

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-20180415-00349 E E180099 AT&T Corp.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 5454 Gaton Rd., Douglas, Castle Rock, CO

ANTENNA ID:	1	9.2 meters	General Dynamics	GD9.2MLMA
	14000.0000 - 14500.0000 MHz	36M0G9W	79.00 dBW	Digital Modulated Data Carriers
	11700.0000 - 12200.0000 MHz	36M0G9W		Digital Modulated Data Carriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20180415-00350 E E180100 AT&T Corp.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 106 Grant Way, Yakima, Moxee, WA

ANTENNA ID:	1	9.2 meters	General Dynamics	GD9.2MLMA
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14000.0000 - 14500.0000 MHz	36M0G9W	79.00 dBW	Digital Modulated Data Carriers
11700.0000 - 12200.0000 MHz	36M0G9W		Digital Modulated Data Carriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180410-00330 E E010266 EchoStar Broadcasting Holding Corporation

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

EchoStar Broadcasting Holding Corporation requests modification of its fixed earth station in Gilbert, AZ to update the site coordinates and change the site ID and Antenna ID.

SITE ID: GK1

LOCATION: 801 NORTH AMERICA SKY BLVD., MARICOPA, GILBERT, AZ

33 ° 21 ' 59.80 " N LAT.

111 ° 48 ' 51.70 " W LONG.

ANTENNA ID:	GK1	9 meters	VERTEX	9 KPK	
		14000.0000 - 14500.0000 MHz	1M00F2D	70.40 dBW	DIGITAL CARRIER
		14000.0000 - 14500.0000 MHz	82K0F3N	59.50 dBW	ANALOG CARRIER
		14000.0000 - 14500.0000 MHz	750KF2D	69.10 dBW	DIGITAL CARRIER
		14000.0000 - 14500.0000 MHz	36M0F8F	73.40 dBW	ANALOG CARRIER
		14000.0000 - 14500.0000 MHz	36M0G7F	85.90 dBW	DIGITAL CARRIER
		14000.0000 - 14004.0000 MHz	800KG2D	69.40 dBW	TELECOMMAND
		11450.0000 - 11700.0000 MHz	1M00F2D	0.00 dBW	DIGITAL CARRIER
		11450.0000 - 11700.0000 MHz	82K0F3N	0.00 dBW	ANALOG CARRIER
		11450.0000 - 11700.0000 MHz	750KF2D	0.00 dBW	DIGITAL CARRIER
		11450.0000 - 11700.0000 MHz	36M0F8F	0.00 dBW	ANALOG CARRIER
		11450.0000 - 11700.0000 MHz	36M0G7F	0.00 dBW	DIGITAL CARRIER
		10950.0000 - 11200.0000 MHz	1M00F2D	0.00 dBW	DIGITAL CARRIER
		10950.0000 - 11200.0000 MHz	82K0F3N	0.00 dBW	ANALOG CARRIER
		10950.0000 - 11200.0000 MHz	750KF2D	0.00 dBW	DIGITAL CARRIER
		10950.0000 - 11200.0000 MHz	36M0F8F	0.00 dBW	ANALOG CARRIER

10950.0000 - 11200.0000 MHz	36M0G7F	0.00 dBW	DIGITAL CARRIER
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Points of Communication:

GK1 - PERMITTED LIST - ()

SES-MOD-20180410-00331 E E950252 EchoStar Broadcasting Holding Corporation

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

EchoStar Broadcasting Holding Corporation requests modification of its fixed earth station in Cheyenne, WY to update the site coordinates and change the site ID and Antenna ID.

SITE ID: K1

LOCATION: 530 Echostar Drive, LARAMIE, CHEYENNE, WY

41 ° 7 ' 56.60 " N LAT.

104 ° 44 ' 7.90 " W LONG.

ANTENNA ID: K1 9 meters VERTEX 9KPK

14000.0000 - 14500.0000 MHz 36M0F8W 90.40 dBW

14000.0000 - 14500.0000 MHz 750KF2D 86.10 dBW

14000.0000 - 14500.0000 MHz 24M0M1F 80.40 dBW

14000.0000 - 14500.0000 MHz 36M0G7W 90.40 dBW

11700.0000 - 12200.0000 MHz ALSAT

11700.0000 - 12200.0000 MHz ORION/PAS

Points of Communication:

K1 - PAS-1R - (45.0 W.L.)

K1 - PERMITTED LIST - ()

SES-MOD-20180410-00332 E E000697 EchoStar Broadcasting Holding Corporation

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

EchoStar Broadcasting Holding Corporation requests modification of its fixed earth station in Monee, IL to update the site coordinates and change the site ID and Antenna IDs to reflect DISH's internal names.

SITE ID: ILC

LOCATION: 6723 W. STEGER ROAD, WILL, MONEE, IL

41 ° 28 ' 1.80 " N LAT.

87 ° 46 ' 36.10 " W LONG.

ANTENNA ID: ILC5 11 meters HARRIS 5260

5925.0000 - 6425.0000 MHz	2K50G7W	44.30 dBW	Data transmission
5925.0000 - 6425.0000 MHz	5K60G7W	45.76 dBW	Data transmission
5925.0000 - 6425.0000 MHz	1M00G7W	76.20 dBW	Data transmission
5925.0000 - 6425.0000 MHz	3M00G7W	80.90 dBW	Data transmission
5925.0000 - 6425.0000 MHz	6M00G7W	80.90 dBW	Data transmission
5925.0000 - 6425.0000 MHz	36M0F8F	80.90 dBW	ANALOG TV
5925.0000 - 6425.0000 MHz	36M0G7W	80.90 dBW	Data transmission
3700.0000 - 4200.0000 MHz			Data transmission, ANALOG TV
ANTENNA ID: ILC4	11 meters	HARRIS	5260
5925.0000 - 6425.0000 MHz	2K50G7W	44.30 dBW	Data transmission
5925.0000 - 6425.0000 MHz	5K60G7W	45.76 dBW	Data transmission
5925.0000 - 6425.0000 MHz	1M00G7W	76.20 dBW	Data transmission
5925.0000 - 6425.0000 MHz	3M00G7W	80.90 dBW	Data transmission
5925.0000 - 6425.0000 MHz	6M00G7W	80.90 dBW	Data transmission
5925.0000 - 6425.0000 MHz	36M0F8F	80.90 dBW	ANALOG TV
5925.0000 - 6425.0000 MHz	36M0G7W	80.90 dBW	Data transmission
5925.0000 - 6425.0000 MHz	384KG1W	63.00 dBW	QPSK, Internet- Video, Audio, Data
5925.0000 - 6425.0000 MHz	1M00G7W	67.20 dBW	QPSK, Internet- Video, Audio, Data
5925.0000 - 6425.0000 MHz	3M00G7W	72.00 dBW	QPSK, Internet- Video, Audio, Data
3700.0000 - 4200.0000 MHz			Data transmission, ANALOG TV
3700.0000 - 4200.0000 MHz	384KG1W		QPSK, Internet- Video, Audio, Data
3700.0000 - 4200.0000 MHz	1M00G7W		QPSK, Internet- Video, Audio, Data
3700.0000 - 4200.0000 MHz	3M00G7W		QPSK, Internet- Video, Audio, Data
ANTENNA ID: ILC2	9.1 meters	ANDREW	ESA91-46
5925.0000 - 6425.0000 MHz	2K50G7W	44.30 dBW	Data transmission
5925.0000 - 6425.0000 MHz	5K60G7W	45.76 dBW	Data transmission

5925.0000 - 6425.0000 MHz	1M00G7W	75.20 dBW	Data transmission
5925.0000 - 6425.0000 MHz	3M00G7W	79.90 dBW	Data transmission
5925.0000 - 6425.0000 MHz	6M00G7W	79.90 dBW	Data transmission
5925.0000 - 6425.0000 MHz	36M0F8F	79.90 dBW	ANALOG TV
5925.0000 - 6425.0000 MHz	36M0G7W	79.90 dBW	Data transmission
3700.0000 - 4200.0000 MHz			Data transmission, ANALOG TV

Points of Communication:

ILC - INTELSAT AOR - (27.5 W.L.)

ILC - NSS 9 (S2756) - (177 W.L.)

ILC - NSS-806 (S2591) - (47.5 W.L.)

ILC - PERMITTED LIST - ()

SES-MOD-20180410-00333 E E020233 EchoStar Broadcasting Holding Corporation
Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

EchoStar Broadcasting Holding Corporation requests modification of its fixed earth station in Gilbert, AZ to update the site coordinates and remove Antenna ID "GC1."

SITE ID: 1

LOCATION: 801 NORTH DISH DRIVE, MARICOPA, GILBERT, AZ
33 ° 22 ' 0.70 " N LAT. 111 ° 48 ' 52.90 " W LONG.

ANTENNA ID:	GC2	9 meters	VERTEX	9 KPC
6424.0000 - 6425.0000 MHz	1M00G2D	74.77 dBW	COMMAND AND RANGING CARRIER	
6424.0000 - 6425.0000 MHz	750KG7W	73.53 dBW	COMMAND RANGING CARRIER	
6424.0000 - 6425.0000 MHz	800KG2D	73.80 dBW	COMMAND AND RANGING CARRIER	
6420.0000 - 6421.0000 MHz	750KG2D	73.53 dBW	COMMAND AND RANGING CARRIER	
6420.0000 - 6421.0000 MHz	800KG2D	73.80 dBW	COMMAND RANGING CARRIER	
6420.0000 - 6421.0000 MHz	1M00G2D	74.77 dBW	COMMAND AND RANGING CARRIER	
6109.0000 - 6181.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)	

6109.0000 - 6181.0000 MHz	36M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
6109.0000 - 6181.0000 MHz	36M0F8W	77.30 dBW	ANALOG VIDEO
6109.0000 - 6181.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
6040.0000 - 6077.0000 MHz	36M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
6040.0000 - 6077.0000 MHz	36M0F8W	77.30 dBW	ANALOG VIDEO
6040.0000 - 6077.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
6040.0000 - 6077.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
6020.0000 - 6028.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
6020.0000 - 6028.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
6020.0000 - 6028.0000 MHz	8M00G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
5961.0000 - 5988.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
5961.0000 - 5988.0000 MHz	18M0F8W	74.30 dBW	ANALOG VIDEO
5961.0000 - 5988.0000 MHz	27M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
5961.0000 - 5988.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
5925.0000 - 5929.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
5925.0000 - 5929.0000 MHz	4M00G7W	77.30 dBW	COMPRESSED DIGITAL DATA
5925.0000 - 5929.0000 MHz	800KG2D	73.80 dBW	COMMAND AND RANGING CARRIER
5925.0000 - 5929.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
3700.0000 - 4200.0000 MHz	36M0F8W		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	1M00G2D		TELEMETRY AND RANGING
3700.0000 - 4200.0000 MHz	750KG2D		TELEMETRY AND RANGING
3700.0000 - 4200.0000 MHz	36M0G7W		COMPRESSED VIDEO (DIGITAL)
3700.0000 - 3705.0000 MHz	750KG2D		TELEMETRY AND RANGING

Points of Communication:

1 - DBSD G-1 - (92.85 W.L.)

1 - ECHOSTAR 1 - (77 W.L.)

1 - PERMITTED LIST - ()

SES-MOD-20180410-00334 E E050045 EchoStar Broadcasting Holding Corporation

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

EchoStar Broadcasting Holding Corporation requests modification of its fixed earth station in Gilbert, AZ to update the site coordinates and remove Antenna ID "GKA1."

SITE ID: GILBERT 2

LOCATION: 801 NORTH AMERICA SKY BLVD., MARICOPA, GILBERT, AZ

33 ° 21 ' 56.60 " N LAT.

111 ° 48 ' 49.10 " W LONG.

ANTENNA ID:	GKA2	9 meters	VERTEX	9 METER
	29500.0000 - 30000.0000 MHz	60M0G7D	65.70 dBW	DATA CARRIER CLEAR SKY POWER LEVEL
	29500.0000 - 30000.0000 MHz	32M0G7D	63.00 dBW	DATA CARRIER CLEAR SKY POWER LEVEL
	29500.0000 - 30000.0000 MHz	300KG7D	42.70 dBW	DATA CARRIER CLEAR SKY POWER LEVEL
	29500.0000 - 30000.0000 MHz	1M50G7D	49.70 dBW	DATA CARRIER CLEAR SKY POWER LEVEL
	29500.0000 - 30000.0000 MHz	32M0G7D	84.20 dBW	DATA CARRIER RAIN SKY POWER LEVEL
	29500.0000 - 30000.0000 MHz	60M0G7D	86.90 dBW	DATA CARRIER RAIN SKY POWER LEVEL
	29500.0000 - 30000.0000 MHz	300KG7D	63.90 dBW	DATA CARRIER RAIN SKY POWER LEVEL
	19700.0000 - 20200.0000 MHz	300KG2D		DATA CARRIER
	19700.0000 - 20200.0000 MHz	60M0G7D		DATA CARRIER
	19700.0000 - 20200.0000 MHz	32M0G7D		DATA CARRIER
	19700.0000 - 20200.0000 MHz	300KG7D		DATA CARRIER
	19700.0000 - 20200.0000 MHz	1M50G7D		DATA CARRIER

Points of Communication:

GILBERT 2 - AMC-15 - (105 W.L.)

GILBERT 2 - AMC-16 - (85 W.L.)

GILBERT 2 - ECHOSTAR -9 - (121 W.L.)

GILBERT 2 - SPACEWAY 3 - (95 W.L.)

SES-MOD-20180410-00335 E E2981 EchoStar Broadcasting Holding Corporation

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

EchoStar Broadcasting Holding Corporation requests modification of its fixed earth station in Monee, IL to update the site ID and Antenna IDs to reflect DISH's internal naming system.

SITE ID: ILC

LOCATION: 6723 W. STEGER ROAD, WILL, MONEE, IL

41 ° 28 ' 2.00 " N LAT.

87 ° 46 ' 34.10 " W LONG.

ANTENNA ID: ILC3	9.1 meters	ANDREW CORPORATION	ESA91-46
5925.0000 - 6425.0000 MHz	2K50G7W	44.30 dBW	Data transmission
5925.0000 - 6425.0000 MHz	5K60G7W	45.76 dBW	Data transmission
5925.0000 - 6425.0000 MHz	1M00G7W	75.20 dBW	Data transmission
5925.0000 - 6425.0000 MHz	3M00G7W	79.90 dBW	Data transmission
5925.0000 - 6425.0000 MHz	6M00G7W	79.90 dBW	Data transmission
5925.0000 - 6425.0000 MHz	36M0F8F	79.90 dBW	Analog TV
5925.0000 - 6425.0000 MHz	36M0FXW	79.90 dBW	Data transmission
3700.0000 - 4200.0000 MHz			Data transmission, Analog TV
ANTENNA ID: ILC1	10 meters	ANDREW CORPORATION	ESA10-46B
5925.0000 - 6425.0000 MHz	2K50G7W	44.30 dBW	Data transmission
5925.0000 - 6425.0000 MHz	5K60G7W	45.76 dBW	Data transmission
5925.0000 - 6425.0000 MHz	1M00G7W	75.60 dBW	Data transmission
5925.0000 - 6425.0000 MHz	3M00G7W	80.30 dBW	Data transmission
5925.0000 - 6425.0000 MHz	6M00G7W	80.30 dBW	Data transmission
5925.0000 - 6425.0000 MHz	36M0F8F	80.30 dBW	Analog TV
5925.0000 - 6425.0000 MHz	36M0FXW	80.30 dBW	Data transmission
3700.0000 - 4200.0000 MHz			Data transmission, Analog TV

Points of Communication:

ILC - PERMITTED LIST - ()

SES-MOD-20180410-00336 E E120024 EchoStar Broadcasting Holding Corporation

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

EchoStar Broadcasting Holding Corporation requests modification of its fixed earth station in Bourbonnais, IL to update the site coordinates and change the site ID and Antenna ID.

SITE ID: ILTD

LOCATION: 1161 E 6000 N Road, Kankakee, Bourbonnais, IL

41 ° 12 ' 35.20 " N LAT.

87 ° 46 ' 15.90 " W LONG.

ANTENNA ID: ILTD1234	13.2 meters	Vertex	13.2 Meter
17790.0000 - 17800.0000 MHz	800KG2D	78.90 dBW	TELECOMMAND
17300.0000 - 17800.0000 MHz	24M0G7W	87.00 dBW	DIGITAL VIDEO, VOICE, DATA
17300.0000 - 17310.0000 MHz	800KG2D	78.90 dBW	TELECOMMAND
12690.0000 - 12700.0000 MHz	800KG2D	0.00 dBW	TELEMETRY
12200.0000 - 12700.0000 MHz	24M0G7W	0.00 dBW	DIGITAL VIDEO, VOICE, DATA
12200.0000 - 12210.0000 MHz	800KG2D	0.00 dBW	TELEMETRY

Points of Communication:

ILTD - CIEL 2 - (128.85 W.L)

ILTD - ECHOSTAR/DISH - ()

SES-MOD-20180410-00337 E E120105 EchoStar Broadcasting Holding Corporation

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Direct to Home Fixed Satellite

EchoStar Broadcasting Holding Corporation requests modification of its fixed earth station in Winchester, VA to update the site coordinates and change the site ID and Antenna ID to reflect DISH's internal names.

SITE ID: VATD

LOCATION: 160 Dawson Drive, Frederick, Winchester, VA

39 ° 7 ' 55.60 " N LAT.

78 ° 12 ' 12.70 " W LONG.

ANTENNA ID: VATD1234	13.2 meters	Vertex	13.2 Meter
17790.0000 - 17800.0000 MHz	800KG2D	82.31 dBW	Telecommand
17300.0000 - 17800.0000 MHz	24M0G7W	87.00 dBW	Digital Video, Voice, Data

17300.0000 - 17310.0000 MHz	800KG2D	82.31 dBW	Telecommand
12690.0000 - 12700.0000 MHz	800KG2D	0.00 dBW	Telemetry
12200.0000 - 12700.0000 MHz	24M0G7W	0.00 dBW	Digital Video, Voice, Data
12200.0000 - 12210.0000 MHz	800KG2D	0.00 dBW	Telemetry

Points of Communication:

VATD - CIEL 2 - (128.85 W.L)

VATD - ECHOSTAR/DISH - ()

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

SES-MOD-20180410-00338 E E980081 EchoStar Broadcasting Holding Corporation

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

EchoStar Broadcasting Holding Corporation requests modification of its fixed earth station in Cheyenne, WY to update the site coordinates and change the site ID.

SITE ID: Cheyenne

LOCATION: 530 EchoStar Drive, Laramie, Cheyenne, WY

41 ° 7 ' 58.20 " N LAT.

104 ° 44 ' 10.50 " W LONG.

ANTENNA ID: T5 13.2 meters TIW 13.2 METER

17301.0000 - 17302.0000 MHz	1M00G2D	87.40 dBW	TT&C
17300.0000 - 17800.0000 MHz	24M0M1F	85.00 dBW	FEEDERLINK
12698.5000 - 12699.5000 MHz	1M00G2D		TT&C
12202.5000 - 12203.5000 MHz	1M00G2D		TT&C
12200.5000 - 12201.5000 MHz	1M00G2D		TT&C
12200.0000 - 12700.0000 MHz	24M0M1F		DBS/IOPT

ANTENNA ID: T6 13.2 meters TIW 13.2 METER

17790.0000 - 17800.0000 MHz	800KG2D	86.40 dBW	TELECOMMAND
17790.0000 - 17800.0000 MHz	800KG2D	86.40 dBW	TELECOMMAND
17310.0000 - 17790.0000 MHz	24M0G7W	87.40 dBW	DIGITAL DATA AND COMPRESSED VIDEO
17300.0000 - 17310.0000 MHz	800KG2D	86.40 dBW	TELECOMMAND

17300.0000 - 17310.0000 MHz	800KG2D	86.40 dBW	TELECOMMAND
12690.0000 - 12700.0000 MHz	800KG2D		TELEMETRY
12690.0000 - 12700.0000 MHz	800KG2D		TELEMETRY
12210.0000 - 12690.0000 MHz	24M0G7W		DIGITAL DATA AND COMPRESSED VIDEO
12210.0000 - 12690.0000 MHz	24M0G7W		DIGITAL DATA AND COMPRESSED VIDEO
12200.0000 - 12210.0000 MHz	800KG2D		TELEMETRY

Points of Communication:

Cheyenne - CIEL 2 - (128.85 W.L.)

Cheyenne - ECHOSTAR/DISH - ()

Cheyenne - RAINBOW1 - (61.5 W.L.)

SES-MOD-20180410-00339 E E881172 EchoStar Broadcasting Holding Corporation

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

EchoStar Broadcasting Holding Corporation requests modification of its fixed earth station in Monee, IL to update the site coordinates and change the site ID and Antenna ID to reflect DISH's internal names.

SITE ID: ILKU

LOCATION: 6723 W. STEGER ROAD, WILL, MONEE, IL

41 ° 28 ' 2.60 " N LAT.

87 ° 46 ' 35.10 " W LONG.

ANTENNA ID: ILKU1	5.6 meters	ANDREW CORPORATION	ESA56-124B-9
14000.0000 - 14500.0000 MHz	2M00G7W	72.60 dBW	Digital Carrier
14000.0000 - 14500.0000 MHz	27M0G7W	83.90 dBW	Digital Carrier
14000.0000 - 14500.0000 MHz	36M0G7W	83.90 dBW	Digital Carrier
14000.0000 - 14500.0000 MHz	192KG2W	70.10 dBW	SCPC
14000.0000 - 14500.0000 MHz	2M00G7W	72.60 dBW	Digital Carrier
14000.0000 - 14500.0000 MHz	36M0F3F	81.20 dBW	
14000.0000 - 14500.0000 MHz	340KG7D	73.49 dBW	
14000.0000 - 14500.0000 MHz	3M00G7W	83.94 dBW	
14000.0000 - 14500.0000 MHz	8M00F9W	83.94 dBW	

	14000.0000 - 14500.0000 MHz	38K0G2W	63.09 dBW	
	14000.0000 - 14500.0000 MHz	77K0G2W	66.11 dBW	
	14000.0000 - 14500.0000 MHz	153KG2W	69.13 dBW	
ANTENNA ID:	ILKU2	5.5 meters	RSI	551KS
	14000.0000 - 14500.0000 MHz	192KG2W	70.10 dBW	SCPC
	14000.0000 - 14500.0000 MHz	2M00G7W	72.60 dBW	Digital Carrier
	14000.0000 - 14500.0000 MHz	27M0G7W	83.90 dBW	Digital Carrier
	14000.0000 - 14500.0000 MHz	36M0G7W	83.90 dBW	Digital Carrier
	14000.0000 - 14500.0000 MHz	36M0F3F	81.20 dBW	
	14000.0000 - 14500.0000 MHz	340KG7D	73.49 dBW	
	14000.0000 - 14500.0000 MHz	3M00G7W	83.94 dBW	
	14000.0000 - 14500.0000 MHz	8M00F9W	83.94 dBW	
	14000.0000 - 14500.0000 MHz	38K0G2W	63.09 dBW	
	14000.0000 - 14500.0000 MHz	77K0G2W	66.11 dBW	
	14000.0000 - 14500.0000 MHz	153KG2W	69.13 dBW	
ANTENNA ID:	ILKU4/5/6	5.6 meters	ANDREW CORP.	ESA-56-124B-9
	14000.0000 - 14500.0000 MHz	192KG2W	70.10 dBW	SCPC
	14000.0000 - 14500.0000 MHz	2M00G7W	72.60 dBW	Digital Carrier
	14000.0000 - 14500.0000 MHz	27M0G7W	83.90 dBW	Digital Carrier
	14000.0000 - 14500.0000 MHz	36M0G7W	83.90 dBW	Digital Carrier
	14000.0000 - 14500.0000 MHz	36M0F3F	81.20 dBW	Analog Video
	14000.0000 - 14500.0000 MHz	340KG7D	73.50 dBW	Digital Data
	14000.0000 - 14500.0000 MHz	2M11G7W	83.90 dBW	FM3
	14000.0000 - 14500.0000 MHz	8M00G7W	83.90 dBW	FM2
	14000.0000 - 14500.0000 MHz	38K0G2W	63.10 dBW	SCPC
	14000.0000 - 14500.0000 MHz	77K0G2W	66.10 dBW	SCPC

14000.0000 - 14500.0000 MHz	153KG2W	69.10 dBW	SCPC
14000.0000 - 14500.0000 MHz	36M0F3F	81.20 dBW	Analog Video
11700.0000 - 12200.0000 MHz			

Points of Communication:

ILKU - PERMITTED LIST - ()

SES-MOD-20180410-00340 E E080015 EchoStar Broadcasting Holding Corporation

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

EchoStar Broadcasting Holding Corporation requests modification of its fixed earth station in Spokane, WA to update the site coordinates.

SITE ID: Spokane

LOCATION: 9815 West Hallet Road, Spokane, Spokane, WA

47 ° 35 ' 31.70 " N LAT.

117 ° 33 ' 1.60 " W LONG.

ANTENNA ID:	WAT2	13.2 meters	Vertex	13.2
	17790.0000 - 17800.0000 MHz	1M50G2D	85.06 dBW	Telemetry
	17790.0000 - 17800.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones
	17310.0000 - 17790.0000 MHz	24M0G1W	86.90 dBW	Compressed Digital Video and Data
	17300.0000 - 17310.0000 MHz	1M50G2D	85.06 dBW	Telemetry
	17300.0000 - 17310.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones
	12690.0000 - 12700.0000 MHz	1M50G2D	0.00 dBW	Telemetry
	12690.0000 - 12700.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones
	12210.0000 - 12690.0000 MHz	24M0G1W	0.00 dBW	Compressed Digital Video and Data
	12200.0000 - 12210.0000 MHz	1M50G2D	0.00 dBW	Telemetry
	12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones
ANTENNA ID:	WAT1	13.2 meters	Vertex	13.2
	17790.0000 - 17800.0000 MHz	1M50G2D	85.06 dBW	Telemetry
	17790.0000 - 17800.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones
	17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Compressed Digital Video and Data

17300.0000 - 17310.0000 MHz	1M50G2D	85.06 dBW	Telemetry
17300.0000 - 17310.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones
12690.0000 - 12700.0000 MHz	1M50G2D		Telemetry
12690.0000 - 12700.0000 MHz	1M50F3D		Ranging Tones
12210.0000 - 12690.0000 MHz	24M0G7W		Compressed Digital Video and Data
12200.0000 - 12210.0000 MHz	1M50G2D		Telemetry
12200.0000 - 12210.0000 MHz	1M50F3D		Ranging Tones

Points of Communication:

Spokane - CIEL 2 - (128.85 W.L)

Spokane - ECHOSTAR/DISH - ()

Spokane - RAINBOW1 - (61.5 W.L.)

SES-MOD-20180410-00341 E E980128 EchoStar Broadcasting Holding Corporation

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

EchoStar Broadcasting Holding Corporation requests modification of its fixed earth station in Cheyenne, WY to update the site coordinates and change the site ID and Antenna ID.

SITE ID: K3

LOCATION: 530 ECHOSTAR DRIVE, LARAMIE, CHEYENNE, WY

41 ° 7 ' 56.90 " N LAT.

104 ° 44 ' 7.10 " W LONG.

ANTENNA ID: K3 9 meters VERTEX 9 KPK

14000.0000 - 14500.0000 MHz	36M0F8F	87.40 dBW
14000.0000 - 14500.0000 MHz	750KF2D	69.10 dBW
14000.0000 - 14500.0000 MHz	24M0M1F	84.18 dBW
14000.0000 - 14500.0000 MHz	36M0G7W	85.94 dBW
11700.0000 - 12200.0000 MHz		
11450.0000 - 11700.0000 MHz		
10950.0000 - 11200.0000 MHz		

Points of Communication:

K3 - ANIK E1 - (118.7 W.L.)

K3 - ANIK E2 - (111.1 W.L.)

K3 - PAS-1R - (45.0 W.L.)

K3 - PERMITTED LIST - ()

K3 - SOLIDARIDAD F-1 - (109.2 W.L.)

K3 - TELSTAR 11N (S2357) - (37.5 W.L.)

SES-MOD-20180410-00342 E E050373 EchoStar Broadcasting Holding Corporation

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

EchoStar Broadcasting Holding Corporation requests modification of its fixed earth station in Quicksburg, VA to remove Antenna ID VAT1.

SITE ID: Mt. Jackson, VA

LOCATION: 1335 Wissler Road, Shenandoah, Quicksburg, VA

38 ° 43 ' 22.40 " N LAT.

78 ° 39 ' 58.50 " W LONG.

ANTENNA ID:	VAT3	13.2 meters	GDSATCOM	13.2 Meter
	17300.0000 - 17800.0000 MHz	1M50G2D	87.40 dBW	Command Carrier (TT&C)
	17300.0000 - 17800.0000 MHz	24M0G7W	87.40 dBW	Digital Compressed Video
	12200.0000 - 12700.0000 MHz	300KG2D		Telemetry Beacon (TT&C)
	12200.0000 - 12700.0000 MHz	24M0G7W		Digital Compressed Video
ANTENNA ID:	VAT4	13.2 meters	GDSATCOM	13.2 Meter
	17300.0000 - 17800.0000 MHz	1M50G2D	87.40 dBW	Command Carrier (TT&C)
	17300.0000 - 17800.0000 MHz	24M0G7W	87.40 dBW	Digital Compressed Video
	12200.0000 - 12700.0000 MHz	300KG2D		Telemetry Beacon (TT&C)
	12200.0000 - 12700.0000 MHz	24M0G7W		Digital Compressed Video

Points of Communication:

Mt. Jackson, VA - ECHOSTAR 23 - (44.9 W.L.)

Mt. Jackson, VA - ECHOSTAR/DISH - ()

SES-MOD-20180410-00343 E E980127 EchoStar Broadcasting Holding Corporation

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

EchoStar Broadcasting Holding Corporation requests modification of its fixed earth station in Cheyenne, WY to update the site coordinates and remove Antenna ID K2.

SITE ID: 1
LOCATION: 530 ECHOSTAR DRIVE, LARAMIE, CHEYENNE, WY
41 ° 7 ' 55.60 " N LAT. 104 ° 44 ' 12.30 " W LONG.

ANTENNA ID:	K7	5.6 meters	ANDREW CORPORATION	ESA56-124B
14000.0000 - 14500.0000 MHz		1M00G1W	66.30 dBW	Compressed digital data
14000.0000 - 14500.0000 MHz		36M0G7W	73.30 dBW	Compressed digital video
14000.0000 - 14500.0000 MHz		24M0G1W	84.18 dBW	Compressed digital video and data
11700.0000 - 12200.0000 MHz		1M00G1W		Compressed digital data
11700.0000 - 12200.0000 MHz		36M0G7W		Compressed digital video
11700.0000 - 12200.0000 MHz		24M0G1W		Compressed digital video and data

Points of Communication:

- 1 - ANIK E1 - (118.7 W.L.)
- 1 - ANIK E2 - (111.1 W.L.)
- 1 - ECHOSTAR/DISH - ()
- 1 - PAS-1R - (45.0 W.L.)
- 1 - PAS-3R - (43.0 W.L.)
- 1 - PERMITTED LIST - ()
- 1 - TELSTAR 11N (S2357) - (37.5 W.L.)

SES-RWL-20180306-00190 E E000725 SkyBitz, Inc.

Renewal

Class of Station: Mobile Earth Station

Nature of Service: Domestic Mobile-Satellite Service, International Mobile Satellite Service, Mobile Satellite Service

SITE ID: MOBILE
LOCATION: 450,000 half-duplex METs CONUS, Alaska, HI & surrounding US water, VARIOUS

ANTENNA ID:	MT1	0.042 meters	Eagle Eye, Inc. (ant. size:4.2cm Square)	Ant. Type: Patch
1626.5000 - 1660.5000 MHz		4K00F1D	4.00 dBW	MSK at 3600 bps; digital; data
1626.5000 - 1660.5000 MHz		4K70G1D	4.00 dBW	MSK at 3600 bps; digital; data

1574.4200 - 1576.4200 MHz	1M00G1D	reception of GPS L1 CA signal
1574.4200 - 1576.4200 MHz	1M00G1D	Reception of GPS L1 CA signal
1525.0000 - 1559.0000 MHz	4K00F1D	MSK at 3600 bps; digital; data
1525.0000 - 1559.0000 MHz	4K70G1D	MSK at 3600 bps; digital; data

Points of Communication:

MOBILE - AMC-1(S2445) - (101.0 W.L.)

MOBILE - INMARSAT 4F3 - (97.65 W.L.)

MOBILE - ISAT List -

MOBILE - MSAT-1 - (106.5 W.L.)

MOBILE - MSAT-2 - (100.95 W.L.)

MOBILE - MSV-1 - (101 W.L.)

SES-STA-20180406-00329 E E000048 Intelsat License LLC
Special Temporary Authority

Class of Station:

Intelsat License LLC requests special temporary authority for 180 days, commencing upon grant, to operate its fixed earth station in Ellenwood, GA to communicate with the Intelsat 901 (S2405) satellite at the 29.5° W.L. orbital location in the 14.0-14.5 GHz (Earth-to-space), and 10.95-11.2 GHz and 11.45-11.7 GHz (space-to-Earth) frequency bands.

Points of Communication:

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