



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-02066

Wednesday May 30, 2018

Satellite Communications Services Information

re: Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

SES-AMD-20180511-00577 E E180137 International Communications Network, Inc.
Amendment
Grant of Authority Date Effective: 05/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 901 Lane Avenue Suite 200, San Diego, Chula Vista, CA
32 ° 39 ' 7.50 " N LAT. 116 ° 57 ' 41.00 " W LONG.

ANTENNA ID: 1 3.7 meters General Dynamics Prodelin 1375
3700.0000 - 4200.0000 MHz 18M0G7W 0.00 dBW 8PSK Digital MPEG-4 Audio and Video

Points of Communication:

1 - Eutelsat113WA(S2695) - (113 W.L.)

SES-AMD-20180521-00767 E E950252 EchoStar Broadcasting Holding Corporation
Amendment
Withdrawn Date Effective: 05/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

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 36M0G7W 90.40 dBW

14000.0000 - 14500.0000 MHz	800KG2D	86.10 dBW	TELEMETRY
14000.0000 - 14500.0000 MHz	24M0G7W	80.40 dBW	
14000.0000 - 14500.0000 MHz	36M0G7W	90.40 dBW	
11700.0000 - 12200.0000 MHz	800KG2D		TELEMETRY
11700.0000 - 12200.0000 MHz	24M0G7W		DIGITAL VIDEO, VOICE, DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, VOICE, DATA

Points of Communication:

K1 - INTELSAT 1R (S2368) - (157.1 E.L.)

K1 - PERMITTED LIST - ()

SES-LIC-20180410-00344	E E180096	EchoStar Broadcasting Holding Corporation	
Application for Authority			05/29/2018 - 05/29/2033
Grant of Authority			Date Effective: 05/29/2018

Class of Station: Fixed Earth Stations

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

SITE ID: GD4

LOCATION: 800 North American Sky Blvd, Maricopa, Gilbert, AZ

111 ° 48 ' 53.80 " W LONG.

ANTENNA ID:	GD4	9.1 meters	Vertex	9.1 Meter
17790.0000 - 17800.0000 MHz	800KG2D	84.70 dBW	Command Carrier (TT&C)	
17300.0000 - 17800.0000 MHz	24M0G7W	87.40 dBW	Digital Compressed Video	
17300.0000 - 17800.0000 MHz	1M50G2D	87.40 dBW	Command Carrier (TT&C)	
17300.0000 - 17310.0000 MHz	800KG2D	84.70 dBW	Command Carrier (TT&C)	
12690.0000 - 12700.0000 MHz	800KG2D		Telemetry Beacon (TT&C)	
12200.0000 - 12700.0000 MHz	24M0G7W		Digital Compressed Video	
12200.0000 - 12700.0000 MHz	300KG2D		Telemetry Beacon (TT&C)	
12200.0000 - 12210.0000 MHz	800KG2D		Telemetry Beacon (TT&C)	

Points of Communication:

GD4 - ECHOSTAR/DISH - ()

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-20180410-00336 E E120024 EchoStar Broadcasting Holding Corporation
 Application for Modification 03/28/2012 - 03/28/2027
 Grant of Authority Date Effective: 05/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

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 07/31/2012 - 07/31/2027
 Grant of Authority Date Effective: 05/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Direct to Home Fixed Satellite

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 08/01/2011 - 08/01/2026
 Grant of Authority Date Effective: 05/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

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.)

12200.0000 - 12210.0000 MHz

1M50F3D

Ranging Tones

Points of Communication:

Spokane - CIEL 2 - (128.85 W.L)

Spokane - EHOSTAR/DISH - ()

Spokane - RAINBOW1 - (61.5 W.L.)

SES-MOD-20180410-00342

E E050373

EchoStar Broadcasting Holding Corporation

Application for Modification

01/20/2006 - 01/20/2021

Grant of Authority

Date Effective: 05/25/2018

Class of Station: Fixed Earth Stations

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

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 - EHOSTAR 23 - (44.9 W.L.)

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

SES-REG-20180329-00290

E E180072

University Corporation at Monterey Bay

Registration

03/29/2018 - 03/29/2033

Grant of Authority

Date Effective: 05/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: CSUMB - Bldg 41 4105 Butler Street, Monterey, Seaside, CA
36 ° 38 ' 55.90 " N LAT. 121 ° 47 ' 32.70 " W LONG.

ANTENNA ID:	1	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		30K0G7W	digital data: various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30M0F3W	digital data: various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0F3W	digital data: various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180425-00442 E E180137 International Communications Network, Inc.
Registration 04/25/2018 - 04/25/2033
Grant of Authority Date Effective: 05/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 901 Lane Avenue Suite 200, San Diego, Chula Vista, CA
32 ° 39 ' 7.50 " N LAT. 116 ° 57 ' 41.00 " W LONG.

ANTENNA ID:	1	3.7 meters	General Dynamics	Prodelin 1375
	3700.0000 - 4200.0000 MHz		18M0G7W 0.00 dBW	8PSK Digital MPEG-4 Audio and Video

Points of Communication:

1 - Eutelsat113WA(S2695) - (113 W.L.)

SES-REG-20180503-00517 E E180182 City of Hawarden
Registration
Withdrawn Date Effective: 05/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: HITEC
LOCATION: 716 Ave I, Sioux, Hawarden, IA
42 ° 59 ' 38.60 " N LAT. 96 ° 28 ' 54.70 " W LONG.

ANTENNA ID: 3.7mDishes 3.7 meters General Dynamics 1374
ANTENNA ID: Birdview 2.6 meters Birdview Unknown
ANTENNA ID: Unimesh 2.1 meters Unimesh Unknown

Points of Communication:

SES-RWL-20180306-00190 E E000725 SkyBitz, Inc. 03/13/2018 - 03/13/2020
Renewal
Grant of Authority Date Effective: 05/29/2018

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 - INMARSAT 4F3 - (97.65 W.L.)
MOBILE - ISAT List -
MOBILE - MSAT-2 (AMSC-1) - (103.3 W.L.)

SES-RWL-20180402-00305 E E930289 SES Americom, Inc. 06/25/2018 - 06/25/2033
Renewal
Grant of Authority Date Effective: 05/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 6950 BRADLEY ROAD, VENTURA, SOMIS, CA
 34 ° 19 ' 31.00 " N LAT. 118 ° 59 ' 38.00 " W LONG.

ANTENNA ID:	1	9 meters	VERTEX	9KPC
	5925.0000 - 6425.0000 MHz		36M0F8W	80.03 dBW
	3700.0000 - 4200.0000 MHz		36M0F8W	
ANTENNA ID:	6.3	6.3 meters	GD SATCOM	6.3 KPC
	5925.0000 - 6425.0000 MHz		N0N	50.70 dBW
	5925.0000 - 6425.0000 MHz		100KG7W	61.50 dBW
	5925.0000 - 6425.0000 MHz		10M0G7W	81.50 dBW
	5850.0000 - 5925.0000 MHz		N0N	50.70 dBW
	5850.0000 - 5925.0000 MHz		100KG7W	61.50 dBW
	5850.0000 - 5925.0000 MHz		10M0G7W	81.50 dBW
	3700.0000 - 4200.0000 MHz		N0N	TRACKING BEACON
	3700.0000 - 4200.0000 MHz		100KG7W	DIGITAL DATA
	3700.0000 - 4200.0000 MHz		10M0G7W	DIGITAL VIDEO, AUDIO AND DATA
	3635.0000 - 3700.0000 MHz		N0N	TRACKING BEACON
	3625.0000 - 3700.0000 MHz		100KG7W	DIGITAL DATA
	3625.0000 - 3700.0000 MHz		10M0G7W	DIGITAL VIDEO, AUDIO AND DATA

Points of Communication:

1 - INTELSAT 18 (S2817) - (180 E.L.)

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

1 - PERMITTED LIST - ()

SES-RWL-20180503-00493 E E910649 Gray Television Licensee, LLC
 Renewal 05/01/2018 - 05/01/2033
 Grant of Authority Date Effective: 05/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 4000 County Road 12, Leon, Tallahassee, FL
30 ° 39 ' 46.00 " N LAT. 84 ° 12 ' 36.00 " W LONG.

ANTENNA ID: 1 4.6 meters Andrew Corp. ESA46-124
14000.0000 - 14500.0000 MHz 36M0F3F 72.40 dBW
11700.0000 - 12200.0000 MHz 36M0F3F

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20180518-00713 E E170121 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 05/22/2018

Class of Station:

On May 22, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning May 25, 2018, to operate a vehicle-mounted 18-inch Rantec Airborne SATCOM terminal with the Intelsat 29e (S2913) satellite at the 50° W.L. orbital location while vehicle in motion in Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida and West Virginia. All testing will occur in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20180523-00788 E E100089 Panasonic Avionics Corporation
Special Temporary Authority
Grant of Authority Date Effective: 05/29/2018

Class of Station:

On May 29, 2018, Panasonic Avionics Corporation was granted special temporary authority for 60 days, beginning May 29, 2018, to operate earth station aboard aircraft (ESAA) with the Eutelsat 172B (S3021) satellite at the 172° E orbital location in the following frequency bands: (1) 14.0-14.5 GHz (Earth-to-space); (2) 10.95-11.2 GHz, 11.45-11.7 GHz and 12.2-12.75 GHz (space-to-Earth) in ITU regions 1, 2 and 3; and (3) 11.2-11.45 GHz (space-to-Earth) in ITU regions 1 and 3.

Points of Communication:

Dismissal

SES-STA-20180503-00494 E910649 Gray Television Licensee, LLC
Application for special temporary authority was dismissed as moot. See IBFS File No. SES-RWL-20180503-00493 granted on May 29, 2018.

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