

13794.0000 - 13830.0000 MHz	15M4G7D	72.50 dBW	DIGITAL DATA, 16QAM, FEC 7/8, 45,000 KBPS
13794.0000 - 13830.0000 MHz	18M0G7D	72.50 dBW	DIGITAL DATA, 16QAM, FEC 7/8, 45,000 KBPS
13754.0000 - 13790.0000 MHz	15M4G7D	72.50 dBW	DIGITAL DATA, 16QAM, FEC 7/8, 45,000 KBPS
13754.0000 - 13790.0000 MHz	18M0G7D	72.50 dBW	DIGITAL DATA, 16QAM, FEC 7/8, 45,000 KBPS
13750.0000 - 14000.0000 MHz	3M00G2D	64.60 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	615KG2D	57.90 dBW	DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA/VIDEO, QPSK FEC 3/4 45,000 KBPS
11700.0000 - 12200.0000 MHz	222KG7D		DIGITAL DATA, QPSK FEC 3/4 & REED SOLOMON 188/204, 256 KBPS
11700.0000 - 12200.0000 MHz	615KG2D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	3M00G2D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	15M4G7D		DIGITAL DATA, 16QAM, FEC 7/8, 45,000 KBPS
11700.0000 - 12200.0000 MHz	18M0G7D		DIGITAL DATA, 16QAM, FEC 7/8, 45,000 KBPS
10701.0000 - 10944.5000 MHz	36M0G7W		DIGITAL DATA
12751.0000 - 12994.5000 MHz	36M0G7W	85.00 dBW	DIGITAL DATA
ANTENNA ID: AOT-7	9.3 meters	VERTEX CORPORATION	9.3 KPK
14000.0000 - 14500.0000 MHz	222KG7D	64.20 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0G7W	86.30 dBW	DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	15M4G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	18M0G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	222KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	3M00G2D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	615KG2D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA

SES-RWL-20191011-01297 E E930402 Gray Television Licensee, LLC
Renewal 10/21/2019 - 10/21/2034
Grant of Authority Date Effective: 10/15/2019

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 1350 21ST AVENUE SOUTH, CASS, FARGO, ND
46 ° 50 ' 47.00 " N LAT. 96 ° 48 ' 5.00 " W LONG.

ANTENNA ID: 1 3.6 meters ANDREW ES36MPJK
14000.0000 - 14500.0000 MHz 36M0F8W 67.90 dBW
11700.0000 - 12200.0000 MHz 36M0F8W

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20191011-01298 E E040401 Gray Television Licensee, LLC
Renewal 10/13/2019 - 10/13/2034
Grant of Authority Date Effective: 10/21/2019

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 4850 AMPERE DRIVE (KOLO-TV), STOREY, RENO, NV
39 ° 30 ' 36.00 " N LAT. 119 ° 45 ' 30.00 " W LONG.

ANTENNA ID: 4.5M. 4.5 meters ANDREW CORPORATION ESA45-46A
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL TRAFFIC
3700.0000 - 4200.0000 MHz 36M0F3F STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20191011-01299 E E040060 Gray Television Licensee, LLC
Renewal 09/22/2019 - 09/22/2034
Grant of Authority Date Effective: 10/15/2019

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: (KTUU-TV), VARIOUS, AK, HI, US

ANTENNA ID:	1	1.2 meters	Advent Communications	Mantis 120
	14000.0000 - 14500.0000 MHz	3M50D7W	58.71 dBW	QAM or APSK; Digital Video, Digital Audio, and Data
	14000.0000 - 14500.0000 MHz	36M0D7W	59.32 dBW	QAM or APSK; Digital Video, Digital Audio, and Data
	11700.0000 - 12200.0000 MHz	3M50D7W		QAM or APSK; Digital Video, Digital Audio, and Data
	11700.0000 - 12200.0000 MHz	36M0D7W		QAM or APSK; Digital Video, Digital Audio, and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20191016-01302	E E040431	Rio Virgin Telephone Company	11/09/2019 - 11/09/2034
Renewal			Date Effective: 10/22/2019
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
 LOCATION: 52 WEST MESQUITE BLVD., CLARK, MESQUITE, NV
 36 ° 48 ' 17.90 " N LAT. 114 ° 4 ' 8.90 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	SCIENTIFIC-ATLANTA, INC.	4.5 METER PRIM FOCUS
	3700.0000 - 4200.0000 MHz	36M0F8W		NULL

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20191016-01304	E E8173	Nexstar Broadcasting, Inc.	12/28/2019 - 12/28/2034
Renewal			Date Effective: 10/22/2019
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
 LOCATION: KENT, GRAND RAPIDS, MI
 42 ° 57 ' 37.00 " N LAT. 85 ° 39 ' 23.00 " W LONG.

ANTENNA ID:	1	6.1 meters	HARRIS CORPORATION
	3700.0000 - 4200.0000 MHz	36000F9	

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20191016-01313 E E040435 Nexstar Broadcasting, Inc.
Renewal 11/11/2019 - 11/11/2034
Grant of Authority Date Effective: 10/22/2019

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: EMERALD HILLS (KSVTV), YELLOWSTONE, BILLINGS, MT
45 ° 48 ' 26.70 " N LAT. 108 ° 20 ' 26.80 " W LONG.

ANTENNA ID: 4.5M. 4.5 meters ANDREW CORPORATION ESA45-46A
3700.0000 - 4200.0000 MHz 36M0G7F COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz 36M0F3F STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20191021-01352 E E7977 Multimedia KSDK, LLC
Renewal 11/09/2019 - 11/09/2034
Grant of Authority Date Effective: 10/22/2019

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: ST. LOUIS, ST. LOUIS, MO
38 ° 34 ' 4.00 " N LAT. 90 ° 19 ' 54.00 " W LONG.

ANTENNA ID: 1 5 meters ANIXTER-MARK ES-40200S
3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20190812-01094 E E150098 EchoStar BSS Corporation
Special Temporary Authority
Grant of Authority Date Effective: 10/17/2019

Class of Station:

On October 17, 2019, EchoStar BSS Corporation was granted special temporary authority for 30 days, beginning October 17, 2019, to operate its fixed earth station in Summerset, SD to provide telemetry, tracking and command service to the EchoStar 23 satellite at the 67.9° W.L. orbital location in the 17.300-17.310 GHz (Earth-to-space), and 12.200-12.210 GHz (space-to-Earth) frequency bands and on center frequency 17.791 GHz (Earth-to-space).

Points of Communication:

SES–STA–20190909–01203 E E050169 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 10/17/2019

Class of Station:

On October 17, 2019, Intelsat License LLC was granted special temporary authority for 30 days, beginning October 17, 2019, to operate its VSAT remote terminal in Liberty, WA and its VSAT hub in Ellenwood, GA to communicate with Intelsat satellites on Permitted List in the 14346.5-14358.0 MHz (Earth-to-space) and 12046.5-12058.0 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20190925–01257 E NEP Connect Limited

Special Temporary Authority

Grant of Authority

Date Effective: 10/22/2019

Class of Station:

On October 22, 2019, NEP Connect Limited was granted special temporary authority for a period of eight days, beginning October 30, 2019, to provide coverage of the F1 Grand Prix using a 2.4-m Vislink Mantis 240 Transmit-Only antenna at geographic coordinates 30° 08' 05.0" N/ 097° 38' 32.0" W (NAD-83) for the fixed earth station in Austin, TX to communicate with the Galaxy 19 (S2647) satellite at the 97.0° W.L. orbital location on the 14262-14286 MHz (Earth-to-space) frequency band.

Points of Communication:

SES–STA–20190925–01259 E E170122 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 10/16/2019

Class of Station:

On October 16, 2019, Intelsat License LLC was granted special temporary authority for 60 days at geographic coordinates 33° 39'52.8" N/084° 16' 12.0" W (NAD-83) for the fixed earth station in Ellenwood, GA to provide telemetry, tracking and command (TT&C) services for the Galaxy 11 (S2253) satellite on-station at the permanent orbital location at 93.1° W.L. TT&C operations will continue to be performed using the following frequencies: 14000.5 MHz and 14498.5 MHz (Earth-to-space); and 11701.0 MHz and 11702.0 MHz (space-to-Earth).

Points of Communication:

SES–STA–20190925–01260 E E940532 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 10/15/2019

Class of Station:

On October 15, 2019, Intelsat License LLC was granted special temporary authority for 60 days at geographic coordinates 33° 39'50" N/084 ° 16' 19" W (NAD-83) for the fixed earth station in Ellenwood, GA to provide telemetry, tracking and command (TT&C) services for the Galaxy 11 (S2253) satellite on-station at the permanent orbital location at 93.1° W.L. TT&C operations will continue to be performed using the following frequencies: 14.000.5 MHz and 14498.5 MHz (Earth-to-Space), and 11701.0 MHz and 11702.0 MHz (space-to-Earth).

Points of Communication:

SES–STA–20190925–01267 E KA258 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 10/15/2019

Class of Station:

On October 15, 2019, Intelsat License LLC was granted special temporary authority for 60 days, beginning October 15, 2019, to operate its fixed earth station in Hagerstown, MD to provide telemetry, tracking and command (TT&C) services for the Galaxy 11 (S2253) satellite on-station at the 93.1° W.L. orbital location in the 14.000.5 MHz and 14498.5 MHz (Earth-to-Space), and 11701.0 MHz and 11702.0 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20190927–01246 E E120228 New Cingular Wireless PCS, LLC

Special Temporary Authority

Grant of Authority

Date Effective: 10/15/2019

Class of Station:

On October 15, 2019, New Cingular Wireless PCS, LLC's granted special temporary authority for 60 days, to operate its fixed earth stations in Redmond, WA with a 1.8m GD Satcom and a 1.2-m AVL antennas in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands with the list of Ku-band satellites provided in their application at their permanent orbital locations.

Points of Communication:

SES–STA–20190927–01264 E E980502 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 10/15/2019

Class of Station:

On October 15, 2019, Intelsat License LLC was granted special temporary authority for 60 days, beginning October 15, 2019, to operate its fixed earth station in Ellenwood, GA to communicate with the Galaxy 11 (S2253) satellite currently outside of licensed arc between 29° W.L. thru 58° W.L. in order to provide customer service on center frequency band 13750-14000 MHz (Earth-to-space). Galaxy 11 is outside of licensed arc at 93.1° W.L.

Points of Communication:

SES–STA–20191007–01272 E E930304 DIRECTV Enterprises, LLC

Special Temporary Authority

Grant of Authority

Date Effective: 10/16/2019

Class of Station:

On October 16, 2019, DIRECTV Enterprises, LLC was granted special temporary authority for 30 days, beginning October 16, 2019, to operate its fixed earth station in Castle Rock, CO to support in-orbit testing (IOT) for the T16 (S3039) satellite at the 134.75° W.L. orbital location during its drift to the 100.85° W.L. orbital location in the 17.3-17.8 GHz (Earth-to-space) and 12.2-12.7 GHz (space-to-Earth) frequency bands. Telemetry, Tracking and Command (TT&C) services will be performed in the 17.789 GHz and 17.791 GHz (space-to-Earth), 12.697 GHz and 12.698 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20191007-01273 E E170103 DIRECTV Enterprises, LLC

Special Temporary Authority
Grant of Authority

Date Effective: 10/15/2019

Class of Station:

On October 15, 2019, DIRECTV Enterprises, LCC was granted a special temporary authority for 30 days, beginning October 15, 2019, to operate its fixed earth station in Bakersfield, CA to deorbit its T4S (S2430) satellite at the nominal 101° W.L. orbital location using the following frequencies, 17300.0-17800.0 MHz (Earth-to-space) and 12200.0-12700.00 MHz (space-to-Earth).

Points of Communication:

SES-STA-20191010-01327 E E010130 DIRECTV Enterprises, LLC

Special Temporary Authority
Grant of Authority

Date Effective: 10/21/2019

Class of Station:

On October 21, 2019, DIRECTV Enterprises, LLC was granted special temporary authority for 60 days, beginning October 21, 2019, to operate antenna IDs A35/A36 fixed earth station in Castle Rock, CO to provided TT&C services to the DIRECTV's T9S (S2669) satellite at the 101° W.L. orbital location in the 17300-17800 MHz (Earth-to-space) and 12200-12700 MHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION:

Points of Communication:

SES-STA-20191012-01305 E E190040 TelAlaska Cellular, Inc.

Special Temporary Authority
Grant of Authority

Date Effective: 10/22/2019

Class of Station:

On October 22, 2019, TelAlaska Cellular, Inc. was granted special temporary authority for 60 days, to operate a 9.3-meter antenna in Seward, AK with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) and 5925-6425 MHz (Earth-to-space) frequency bands.

Points of Communication:

Dismissal

SES-STA-20190913-01211 E150098 EchoStar BSS Corporation

Application dismissed. See IBFS File No. SES-STA-20190812-01094 granted on 10/17/2019.

SES-STA-20191009-01291 E150098 EchoStar BSS Corporation

Application dismissed. See IBFS File No. SES-STA-20190812-01094 granted on 10/17/2019.

SES-STA-20191011-01330 E040060 Gray Television Licensee, LLC

Application dismissed. See IBFS File No. SES-RWL-20191011-01299 granted on 10/15/2019.

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