



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01982

Wednesday August 16, 2017

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-MOD-20170412-00417	E	E050097	GUSA Licensee LLC	
Application for Modification				01/04/2007 - 01/04/2022
Withdrawn				Date Effective: 08/14/2017
Class of Station:	Fixed Earth Stations			
Nature of Service:	Mobile Satellite Service			
SITE ID:	SBRG-1			
LOCATION:	BUILDING #735 185 SABRE DR., HIGHLANDS, SEBRING, FL			
	27 ° 27 ' 34.30 " N LAT.		81 ° 21 ' 26.60 " W LONG.	
ANTENNA ID:	SBR RFT1	5.5 meters	ALCATEL	9775
	6900.0000 - 7055.0000 MHz		N0N	Unmodulated CW for testing
	6900.0000 - 7055.0000 MHz		2M50G2D	Direct-sequence CDMA for single-carrier telemetry data
	6900.0000 - 7055.0000 MHz		1M23G7W	CDMA voice and data: QPSK waveform consists of multiple direct-sequence spread-spectrum 1.23 Mchip/sec channels whose carriers are uniformly spaced.
	6900.0000 - 7055.0000 MHz		1M23G2W	Direct-sequence CDMA for single-carrier AMSS
	6900.0000 - 7055.0000 MHz		2M46G7W	Wideband CDMA voice and data
	6900.0000 - 7055.0000 MHz		2M46G2W	Wideband CDMA for single-carrier AMSS
	6900.0000 - 7055.0000 MHz		1M23XXX	White-noise-modulated carrier for testing
	6875.9500 - 6877.1500 MHz		7K00G1D	TELEMETRY CARRIER

6875.9000 - 6879.1000 MHz	70K0G7D		TELEMETRY CARRIER
6875.0000 - 7055.0000 MHz	N0N		Unmodulated CW for testing
5096.0000 - 5250.0000 MHz	N0N	59.00 dBW	Unmodulated CW for testing; maximum EIRP density per carrier is 59.0 dBW in any bandwidth.
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	White-noise-modulated carrier for testing
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	Direct-sequence CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA voice and data: QPSK waveform consists of multiple direct-sequence spread-spectrum 1.23 Mchip/sec channels whose carriers are uniformly spaced.
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G7W	55.00 dBW	Wideband CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW	Wideband CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	White-noise-modulated carrier for testing
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	Direct-sequence CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	N0N	59.00 dBW	Unmodulated CW for testing; maximum EIRP density per carrier is 59.0 dBW in any bandwidth.
5091.3800 - 5091.6200 MHz	40K0G2D	68.00 dBW	TELECOMMAND CARRIER
5091.0000 - 5250.0000 MHz	N0N		Unmodulated CW for testing; maximum EIRP density per carrier is 59.0 dBW in any bandwidth.
5091.0000 - 5092.0000 MHz	76K0F2D	68.00 dBW	FM SUBCARRIER ON TELECOMMAND CARRIER

Points of Communication:

SBRG-1 - GLOBALSTAR 2.0 - (NGSO)

SBRG-1 - IRIDIUM (S2110) - (NGSO)

SES-MOD-20170412-00419 E E030266 GUSA Licensee LLC
 Application for Modification
 Withdrawn

10/14/2010 - 10/14/2025
 Date Effective: 08/14/2017

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: CLFN-IOT
 LOCATION: 848 COUNTY ROAD 4290, BOSQUE, CLIFTON, TX
 31 ° 48 ' 2.10 " N LAT. 97 ° 36 ' 46.00 " W LONG.

ANTENNA ID:	CLF IOT	1.5 meters	ORBITAL SYSTEMS	1.8AEHT
	1610.0000 - 1618.7250 MHz	N0N	22.60 dBW	Unmodulated CW for testing; maximum EIRP density per carrier is 22.6 dBW in any bandwidth.
ANTENNA ID:	CLF IOT	1.5 meters	ORBITAL SYSTEMS	1.8AEHT
	2483.5000 - 2500.0000 MHz	N0N	0.00 dBW	Unmodulated CW for testing

Points of Communication:

CLFN-IOT - GLOBALSTAR 2.0 - (NGSO)

CLFN-IOT - IRIDIUM (S2110) - (NGSO)

SES-MOD-20170412-00421	E E000345	GUSA Licensee LLC	
Application for Modification			03/22/2011 - 03/22/2026
Withdrawn			Date Effective: 08/14/2017

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: CLFN-5
 LOCATION: 848 County Road 4290, Bosque, Clifton, TX
 31 ° 48 ' 3.00 " N LAT. 97 ° 36 ' 49.20 " W LONG.

ANTENNA ID:	Clift-RFT5	5.5 meters	Alcatel	9775
	6900.0000 - 7055.0000 MHz	1M23G7W		Waveform consists of multiple direct-sequence spread-spectrum channels whose carriers are uniformly spaced. Each CDMA channel is 1.23 Mc/sec. Each CDMA Waveform is QPSK.
	6900.0000 - 7055.0000 MHz	50K0N0N		Unmodulated CW for Testing.
	6900.0000 - 7055.0000 MHz	1M23XXX		White noise modulated carrier for testing.
	6900.0000 - 7055.0000 MHz	1M23G7W		CDMA voice and data
	6900.0000 - 7055.0000 MHz	N0N		Unmodulated CW for testing
	6900.0000 - 7055.0000 MHz	2M46G7W		Wideband CDMA voice and data
	6900.0000 - 7055.0000 MHz	2M46G2W		Wideband CDMA for single-carrier AMSS

6900.0000 - 7055.0000 MHz	1M23XXX		White-noise-modulated carrier for testing
6900.0000 - 7055.0000 MHz	1M23G2W		Direct-sequence CDMA for single-carrier AMSS
6900.0000 - 7055.0000 MHz	2M50G2D		Direct-sequence CDMA for single-carrier telemetry data
6875.9500 - 6877.1500 MHz	7K00G1D		Telemetry carrier
6875.9000 - 6879.1000 MHz	70K0G7D		Telemetry carrier
6875.0000 - 6878.0000 MHz	7K00G1D		Telemetry Carrier using a Manchester-Encoded Formatted Signal @ 1000.117 bps.
5096.0000 - 5250.0000 MHz	50K0N0N	59.00 dBW	Unmodulated CW for Testing.
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	White noise modulated carrier for testing.
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	Waveform consists of multiple direct-sequence spread-spectrum channels whose carriers are uniformly spaced. Each CDMA channel is 1.23 Mc/sec. Each CDMA Waveform is QPSK.
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G7W	55.00 dBW	Wideband CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW	Wideband CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	White-noise-modulated carrier for testing
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	Direct-sequence CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	N0N	59.00 dBW	Unmodulated CW for testing; maximum EIRP density per carrier is 59.0 dBW in any bandwidth
5091.3800 - 5091.6200 MHz	40K0G2D	68.00 dBW	Telecommand carrier
5091.0000 - 5092.0000 MHz	76K0F2D	68.00 dBW	Telecommand Carrier.
5091.0000 - 5092.0000 MHz	76K0F2D	68.00 dBW	Telecommand carrier

Points of Communication:

CLFN-5 - GLOBALSTAR 2.0 - (NGSO)

CLFN-5 - IRIDIUM (S2110) - (NGSO)

SES-MOD-20170412-00422 E E970381 GUSA Licensee LLC
 Application for Modification 10/04/2009 - 10/04/2024
 Grant of Authority Date Effective: 08/11/2017

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

On August 8, 2017, the Satellite Division granted, with conditions, GUSA Licensee LLC's request to modify its blanket mobile earth station authorization to include a terrestrial low-power ancillary terrestrial component (ATC) network in the 2483.5-2495 MHz frequency band pursuant to rules adopted in Terrestrial Use of the 2473-2495 MHz Band for Low-Power Mobile Broadband Networks; Amendments to Rules for the Ancillary Terrestrial Component of Mobile Satellite Service Systems, Report and Order, FCC 16-181 (2016).

SITE ID: 1
 LOCATION: CONUS, Alaska, Hawaii, Puerto Rico, US Virgin Islands, all US territories,, all US WATER

ANTENNA ID:	Handhld	0 meters	Tele Communications, Inc. for Qualcomm	handheld units
	2483.5000 - 2500.0000 MHz		1M23G1W	CDMA / Voice and data
	1610.0000 - 1618.7250 MHz		1M23G1W 1.00 dBW	CDMA / Voice and data
ANTENNA ID:	V Mobile	0 meters	VARIOUS	VARIOUS
	2483.5000 - 2500.0000 MHz		1M23G1W	CDMA / Voice and data
	1610.0000 - 1618.7250 MHz		1M23G1W 9.00 dBW	CDMA / Voice and data
ANTENNA ID:	A Fixed	0 meters	Tele Communications, Inc. for Qualcomm	Ancillary fixed
	2483.5000 - 2500.0000 MHz		1M23G1W	CDMA / Voice and data
	1610.0000 - 1618.7250 MHz		1M23G1W 8.00 dBW	CDMA / Voice and data
ANTENNA ID:	Aviation1		ARNAV (Size: 3.93"Lx3"Wx0.88"D)	RCOM-100
	2483.5000 - 2500.0000 MHz		1M23G1W	CDMA/ for single-carrier AMSS
	1610.0000 - 1618.7250 MHz		1M23G1W 2.00 dBW	Direct-sequence CDMA for single-carrier AMSS
ANTENNA ID:	Telemetry		VARIOUS	VARIOUD
	2483.5000 - 2500.0000 MHz		1M23XXX	DATA
	1610.0000 - 1618.7250 MHz		2M50G1D	Direct-sequence CDMA for single-carrier telemetry data
ANTENNA ID:	Aviation2		Qualcomm (Size: 3.93"Lx3"Wx0.88"D)	MDSS
	2483.5000 - 2500.0000 MHz		1M23G7W	Direct-sequence CDMA for multi-carrier air-based or ground-based MSS

	1610.0000 - 1618.7250 MHz	1M23G7W	2.00 dBW	Direct-sequence CDMA for multi-carrier air-based or ground-based MSS
ANTENNA ID:	Handhd2	VARIOUS		VARIOUS
	2483.5000 - 2500.0000 MHz	1M23G1W		CDMA/Voice and Data
	1610.0000 - 1618.7250 MHz	1M23G1W		CDMA/Voice and Data
ANTENNA ID:	V Mobile3	Tecom for Richardson Electronics		Vehicular Mobile 3
	2483.5000 - 2500.0000 MHz	1M23G1W		CDMA/Voice and Data
	1610.0000 - 1618.7250 MHz	1M23G1W	4.00 dBW	CDMA/Voice and Data
ANTENNA ID:	A Fixed4	VARIOUS		VARIOUS
	2483.5000 - 2500.0000 MHz	1M23G1W		CDMA/Voice and Data
	1610.0000 - 1618.7250 MHz	1M23G1W	9.80 dBW	CDMA/Voice and Data
ANTENNA ID:	MCM-4	Tecom for Richardson Electronics		MCM-4
	2483.5000 - 2500.0000 MHz	1M23G7W		Direct-sequence CDMA for four-channel voice and data
	1610.0000 - 1618.7250 MHz	1M23G7W	7.50 dBW	Direct-sequence CDMA for four-channel voice and data
ANTENNA ID:	SDVM	Tecom for Richardson Electronics		GSP-1720
	2483.5000 - 2500.0000 MHz	1M23G1W		CDMA/Voice and Data
	1610.0000 - 1618.7250 MHz	1M23G1W	4.00 dBW	CDMA/Voice and Data
ANTENNA ID:	V Mobile2	Qualcomm		GCK-1410
	2483.5000 - 2500.0000 MHz	1M23G1W		CDMA/Voice and Data
	1610.0000 - 1618.7250 MHz	1M23G1W	5.00 dBW	CDMA/Voice and Data
ANTENNA ID:	A Fixed2	Qualcomm		GSP-2900
	2483.5000 - 2500.0000 MHz	1M23G1W		CDMA/Voice and Data
	1610.0000 - 1618.7250 MHz	1M23G1W	6.70 dBW	CDMA/Voice and Data
ANTENNA ID:	A Fixed3	Ericsson		FAU-200
	2483.5000 - 2500.0000 MHz	1M23G1W		CDMA/Voice and Data
	1610.0000 - 1618.7250 MHz	1M23G1W	8.00 dBW	CDMA/Voice and Data

ANTENNA ID:	SDM	Qualcomm	GSP-1620
	2483.5000 - 2500.0000 MHz	1M23G1W	CDMA/Voice and Data
	1610.0000 - 1618.7250 MHz	1M23G1W	4.50 dBW CDMA/Voice and Data
ANTENNA ID:	PTracker	VARIOUS	VARIOUS
	2483.5000 - 2500.0000 MHz	1M23XXX	DATA
	1610.0000 - 1618.7250 MHz	2M50G1D	-3.00 dBW Direct-sequence CDMA for single-carrier telemetry data

Points of Communication:

1 - GLOBALSTAR (S2115) - (NGSO)

1 - GLOBALSTAR 2.0 - (NGSO)

SES-MOD-20170412-00424	E E970199	GUSA Licensee LLC	02/27/2008 - 02/27/2023
Application for Modification			Date Effective: 08/14/2017
Withdrawn			

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: CLFN-1
LOCATION: 848 County Road 4290, Bosque, Clifton, TX
31 ° 48 ' 0.20 " N LAT. 97 ° 36 ' 44.30 " W LONG.

ANTENNA ID:	CLF RFT 1	5.5 meters	ALCATEL	9775
	6900.0000 - 7055.0000 MHz		50K0N0N	CW FOR TESTING
	6900.0000 - 7055.0000 MHz		1M23XXX	WHITE-NOISE MODULATED CARRIER FOR TESTING
	6900.0000 - 7055.0000 MHz		1M23G7W	CDMA, VOICE AND DATA
	6900.0000 - 7055.0000 MHz		1M23G2W	DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER AMSS
	6900.0000 - 7055.0000 MHz		2M50G2D	DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER AMSS
	6900.0000 - 7055.0000 MHz		2M46G2W	WIDEBAND CDMA FOR SINGLE-CARRIER AMSS
	6900.0000 - 7055.0000 MHz		1M23XXX	WHITE-NOISE-MODULATED CARRIER FOR TESTING
	6900.0000 - 7055.0000 MHz		2M50G2D	DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER TELEMETRY DATA

6900.0000 - 7055.0000 MHz	2M46G7W		WIDEBAND CDMA VOICE AND DATA
6900.0000 - 7025.0000 MHz	1M23G7W		CDMA, VOICE AND DATA
6900.0000 - 7025.0000 MHz	NON		UNMODULATED CW FOR TESTING
6900.0000 - 7025.0000 MHz	2M46G7W		WIDEBAND CDMA VOICE AND DATA
6900.0000 - 7025.0000 MHz	1M23G2W		DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER AMSS
6875.9500 - 6877.1500 MHz	7K00G1D		TELEMETRY CARRIER
6875.9500 - 6877.1500 MHz	7K00G1D		TELEMETRY CARRIER
6875.9000 - 6879.1000 MHz	70K0G7D		TELEMETRY CARRIER
6875.9000 - 6879.1000 MHz	70K0G7D		TELEMETRY CARRIER
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA, VOICE AND DATA
5096.0000 - 5250.0000 MHz	50K0N0N	59.00 dBW	CW FOR TESTING
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	WHITE-NOISE-MODULATED CARRIER FOR TESTING
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER AMSS
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA VOICE AND DATA
5096.0000 - 5250.0000 MHz	2M46G7W	55.00 dBW	WIDEBAND CDMA VOICE AND DATA
5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW	WIDEBAND CDMA FOR SINGLE-CARRIER AMSS
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	WHITE-NOISE-MODULATED CARRIER FOR TESTING
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	WIDEBAND CDMA FOR SINGLE-CARRIER AMSS
5096.0000 - 5250.0000 MHz	NON	59.00 dBW	UNMODULATED CW FOR TESTING; MAXIMUM EIRP DENSITY PER CARRIER IS 59.0 dBW IN ANY BANDWIDTH.
5091.3800 - 5091.6200 MHz	40K0G2D	68.00 dBW	TELECOMMAND CARRIER
5091.3800 - 5091.6200 MHz	40K0G2D	68.00 dBW	TELECOMMAND CARRIER
5091.0000 - 5092.0000 MHz	76K0F2D	68.00 dBW	TELECOMMAND CARRIER

5091.0000 - 5092.0000 MHz	76K0F2D	68.00 dBW	TELECOMMAND CARRIER
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Points of Communication:

CLFN-1 - GLOBALSTAR 2.0 - (NGSO)

CLFN-1 - IRIDIUM (S2110) - (NGSO)

SES-MOD-20170412-00426	E	E050347	GUSA Licensee LLC	01/04/2007 - 01/04/2022
Application for Modification				Date Effective: 08/14/2017
Withdrawn				

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: 1

LOCATION: 1301 W. WINTER CT. (WSLA-1), Matanuska-Susitna, Wasilla, AK
61 ° 35 ' 24.60 " N LAT. 149 ° 29 ' 2.40 " W LONG.

ANTENNA ID:	WSL RFT1	5.5 meters	ALCATEL	9775
6875.0000 - 7055.0000 MHz		2M50G2D		Direct-sequence CDMA for single-carrier telemetry data
6875.0000 - 7055.0000 MHz		1M23G7W		CDMA voice and data
6875.0000 - 7055.0000 MHz		NON		Unmodulated CW for testing
6875.0000 - 7055.0000 MHz		2M46G7W		Wideband CDMA voice and data
6875.0000 - 7055.0000 MHz		2M46G2W		Wideband CDMA for single-carrier AMSS
6875.0000 - 7055.0000 MHz		1M23XXX		White-noise-modulation carrier for testing
6875.0000 - 7055.0000 MHz		1M23G2W		Direct-sequence CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz		NON	59.00 dBW	Unmodulated CW for testing; maximum EIRP density per carrier is 59.0 dBW in any bandwidth.
5096.0000 - 5250.0000 MHz		1M23XXX	59.00 dBW	White noise modulated carrier for testing
5096.0000 - 5250.0000 MHz		1M23G7W	55.00 dBW	CDMA voice and data
5096.0000 - 5250.0000 MHz		1M23G2W	55.00 dBW	Direct-sequence CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz		2M46G7W	55.00 dBW	Wideband CDMA voice and data
5096.0000 - 5250.0000 MHz		2M46G2W	55.00 dBW	Wideband CDMA for single-carrier AMSS

Points of Communication:

1 - GLOBALSTAR 2.0 - (NGSO)

1 - IRIDIUM (S2110) - (NGSO)

SES-MOD-20170412-00427 E E050346 GUSA Licensee LLC

Application for Modification

01/04/2007 - 01/04/2022

Withdrawn

Date Effective: 08/14/2017

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: 1

LOCATION: 1301 W. Winter Ct. (WSLA-2), Matanuska-Susitna, Wasilla, AK

61 ° 35 ' 24.10 " N LAT.

149 ° 29 ' 6.00 " W LONG.

ANTENNA ID:	WSL RFT2	5.5 meters	ALCATEL	9775
6875.0000 - 7055.0000 MHz		2M50G2D		Direct-sequence CDMA for single-carrier telemetry data
6875.0000 - 7055.0000 MHz		1M23G2W		Direct-sequence CDMA for single-carrier AMSS
6875.0000 - 7055.0000 MHz		1M23G7W		CDMA voice and data
6875.0000 - 7055.0000 MHz		NON		Unmodulated CW for testing
6875.0000 - 7055.0000 MHz		2M46G7W		Wideband CDMA voice and data
6875.0000 - 7055.0000 MHz		2M46G2W		Wideband CDMA for single-carrier AMSS
6875.0000 - 7055.0000 MHz		1M23XXX		White-noise-modulated carrier for testing
5096.0000 - 5250.0000 MHz		NON	59.00 dBW	Unmodulated CW for testing; maximum EIRP density per carrier is 59.0 dBW in any bandwidth.
5096.0000 - 5250.0000 MHz		1M23XXX	59.00 dBW	White noise modulated carrier for testing
5096.0000 - 5250.0000 MHz		1M23G7W	55.00 dBW	CDMA voice and data: QPSK waveform consists of multiple direct-sequence spread-spectrum 1.23 Mchip/sec channels whose carriers are uniformly spaced.
5096.0000 - 5250.0000 MHz		1M23G2W	55.00 dBW	Direct-sequence CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz		1M23G7W	55.00 dBW	CDMA voice and data
5096.0000 - 5250.0000 MHz		2M46G7W	55.00 dBW	Wideband CDMA voice and data

5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	White noise modulated carrier for testing
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	Direct-sequence CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	NON	59.00 dBW	Unmodulated CW for testing; maximum EIRP density per carrier is 59.0 dBW in any bandwidth.
5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW	Wideband CDMA for single-carrier AMSS

Points of Communication:

1 - GLOBALSTAR 2.0 - (NGSO)

1 - IRIDIUM (S2110) - (NGSO)

SES-MOD-20170412-00428 E E050345 GUSA Licensee LLC
 Application for Modification 01/04/2007 - 01/04/2022
 Withdrawn Date Effective: 08/14/2017

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: WSLA-3

LOCATION: 1301 W. WINTER CT., Matanuska-Susitna, Wasilla, AK
 61 ° 35 ' 24.90 " N LAT.

149 ° 29 ' 9.60 " W LONG.

ANTENNA ID: WSL RFT3 5.5 meters ALCATEL 9775

6875.0000 - 7055.0000 MHz	2M50G2D	Direct-sequence CDMA for single-carrier telemetry data
6875.0000 - 7055.0000 MHz	1M23G7W	CDMA voice and data
6875.0000 - 7055.0000 MHz	NON	Unmodulated CW for testing
6875.0000 - 7055.0000 MHz	2M46G7W	Wideband CDMA voice and data
6875.0000 - 7055.0000 MHz	2M46G2W	Wideband CDMA for single-carrier AMSS
6875.0000 - 7055.0000 MHz	1M23XXX	White-noise-modulated carrier for testing
6875.0000 - 7055.0000 MHz	1M23G2W	Direct-sequence CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	NON	59.00 dBW Unmodulated CW for testing; maximum EIRP density per carrier is 59.0 dBW in any bandwidth.
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW White noise modulated carrier for testing

5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G7W	55.00 dBW	Wideband CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW	Wideband CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	White-noise-modulated carrier for testing
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	Direct-sequence CDMA for single-carrier AMSS

Points of Communication:

WSLA-3 - GLOBALSTAR 2.0 - (NGSO)

WSLA-3 - IRIDIUM (S2110) - (NGSO)

SES-MOD-20170412-00429	E E050100	GUSA Licensee LLC	01/04/2007 - 01/04/2022
Application for Modification			Date Effective: 08/14/2017
Withdrawn			

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: SBRG-4

LOCATION: BUILDING #735 185 SABRE DR., HIGHLANDS, SEBRING, FL
 27 ° 27 ' 35.60 " N LAT. 81 ° 21 ' 26.80 " W LONG.

ANTENNA ID: SBR RFT4 5.5 meters ALCATEL 9775

6875.9500 - 6877.1500 MHz	7K00G1D	TELEMETRY CARRIER
6875.9000 - 6879.1000 MHz	70K0G7D	TELEMETRY CARRIER
6875.0000 - 7055.0000 MHz	N0N	Unmodulated CW for testing
6875.0000 - 7055.0000 MHz	1M23XXX	White noise modulated carrier for testing
6875.0000 - 7055.0000 MHz	2M50G2D	Direct-sequence CDMA for single-carrier telemetry data
6875.0000 - 7055.0000 MHz	1M23G2W	Direct-sequence CDMA for single-carrier AMSS
6875.0000 - 7055.0000 MHz	1M23G7W	CDMA voice and data
6875.0000 - 7055.0000 MHz	2M46G7W	Wideband CDMA voice and data
6875.0000 - 7055.0000 MHz	2M46G2W	Wideband CDMA for single-carrier AMSS

5096.0000 - 5250.0000 MHz	N0N	59.00 dBW	Unmodulated CW for testing; maximum EIRP density per carrier is 59.0 dBW in any bandwidth.
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	White noise modulated carrier for testing
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA voice and data
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	Direct-sequence CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	2M46G7W	55.00 dBW	Wideband CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW	Wideband CDMA for single-carrier AMSS
5091.3800 - 5091.6200 MHz	40K0G2D	68.00 dBW	TELECOMMAND CARRIER
5091.0000 - 5092.0000 MHz	76K0F2D	68.00 dBW	FM SUBCARRIER ON TELECOMMAND CARRIER

Points of Communication:

SBRG-4 - GLOBALSTAR 2.0 - (NGSO)

SBRG-4 - IRIDIUM (S2110) - (NGSO)

~~SES-MOD-20170412-00430~~ E E050099 GUSA Licensee LLC

Application for Modification

01/04/2007 - 01/04/2022

Withdrawn

Date Effective: 08/14/2017

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: SBRG-3

LOCATION: BUILDING #735 185 SABRE DR., HIGHLANDS, SEBRING, FL

27 ° 27 ' 35.60 " N LAT.

81 ° 21 ' 28.40 " W LONG.

ANTENNA ID: SBR RFT3 5.5 meters ALCATEL 9775

6875.9500 - 6877.1500 MHz	7K00G1D	TELEMETRY CARRIER
6875.9000 - 6879.1000 MHz	70K0G7D	TELEMETRY CARRIER
6875.0000 - 7055.0000 MHz	1M23XXX	White- noise- modulated carrier for testing
6875.0000 - 7055.0000 MHz	2M50G2D	Direct-sequence CDMA for single-carrier telemetry data
6875.0000 - 7055.0000 MHz	1M23G2W	Direct-sequence CDMA for single-carrier AMSS
6875.0000 - 7055.0000 MHz	1M23G7W	CDMA VOICE AND DATA

6875.0000 - 7055.0000 MHz	2M46G7W		Wideband CDMA voice and data
6875.0000 - 7055.0000 MHz	2M46G2W		Wideband CDMA for single-carrier AMSS
6875.0000 - 7055.0000 MHz	N0N		Unmodulated CW for testing
5096.0000 - 5250.0000 MHz	N0N	59.00 dBW	Unmodulated CW for testing; maximum EIRP density per carrier is 59.0 dBW in any bandwidth.
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	Direct-sequence CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA VOICE AND DATA
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	White- noise- modulated carrier for testing
5096.0000 - 5250.0000 MHz	2M46G7W	55.00 dBW	Wideband CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW	Wideband CDMA for single-carrier AMSS
5091.3800 - 5091.6200 MHz	40K0G2D	68.00 dBW	TELECOMMAND CARRIER
5091.0000 - 5092.0000 MHz	76K0F2D	68.00 dBW	FM SUBCARRIER ON TELECOMMAND CARRIER

Points of Communication:

SBRG-3 - GLOBALSTAR 2.0 - (NGSO)

SBRG-3 - IRIDIUM (S2110) - (NGSO)

SES-MOD-20170412-00431 E E050098 GUSA Licensee LLC 01/04/2007 - 01/04/2022
Application for Modification Date Effective: 08/14/2017
Withdrawn

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: SBRG-2

LOCATION: BUILDING #735 185 SABRE DR., HIGHLANDS, SEBRING, FL
27 ° 27 ' 34.30 " N LAT. 81 ° 21 ' 28.30 " W LONG.

ANTENNA ID: SBR RFT2 5.5 meters ALCATEL 9775

6875.9500 - 6877.1500 MHz	7K00G1D		TELEMETRY CARRIER
6875.9000 - 6879.1000 MHz	70K0G7D		TELEMETRY CARRIER
6875.0000 - 7055.0000 MHz	2M50G2D		Direct-sequence CDMA for single-carrier telemetry data

6875.0000 - 7055.0000 MHz	1M23G7W		CDMA voice and data
6875.0000 - 7055.0000 MHz	N0N		Unmodulated CW for testing
6875.0000 - 7055.0000 MHz	2M46G7W		Wideband CDMA voice and data
6875.0000 - 7055.0000 MHz	2M46G2W		Wideband CDMA for single-carrier AMSS
6875.0000 - 7055.0000 MHz	1M23XXX		White-noise-modulated carrier for testing
6875.0000 - 7055.0000 MHz	1M23G2W		Direct-sequence CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	N0N	59.00 dBW	Unmodulated CW for testing; maximum EIRP density per carrier is 59.0 dBW in any bandwidth.
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	White-noise-modulated carrier for testing
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA voice and data: QPSK waveform consists of multiple direct-sequence spread-spectrum 1.23 Mchip/sec channels whose carriers are uniformly spaced.
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	Direct-sequence CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G7W	55.00 dBW	Wideband CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW	Wideband CDMA for single-carrier AMSS
5091.3800 - 5091.6200 MHz	40K0G2D	68.00 dBW	TELECOMMAND CARRIER
5091.0000 - 5092.0000 MHz	76K0F2D	68.00 dBW	FM SUBCARRIER ON TELECOMMAND CARRIER

Points of Communication:

SBRG-2 - GLOBALSTAR 2.0 - (NGSO)

SBRG-2 - IRIDIUM (S2110) - (NGSO)

SES-MOD-20170412-00432 E E990337 GCL Licensee LLC

Application for Modification

06/23/2010 - 06/23/2025

Withdrawn

Date Effective: 08/14/2017

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: LPMA-1
 LOCATION: Road 303 INT. KM 12.1, Caba Rojo, Cabo Rojo, PR
 17 ° 58 ' 48.00 " N LAT. 67 ° 8 ' 15.00 " W LONG.

ANTENNA ID:	LPMA-1	5.5 meters	Alcatel	9775
6900.0000 - 7055.0000 MHz		1M23G7W		FEEDER LINK & TELEMETRY - CDMA 1.23 MC/SEC/QPSK
6900.0000 - 7055.0000 MHz		1M23G7W		CDMA VOICE AND DATA
6900.0000 - 7055.0000 MHz		N0N		UNMODULATED CW FOR TESTING
6900.0000 - 7055.0000 MHz		1M23XXX		WHITE NOISE MODULATED CARRIER FOR TESTING
6900.0000 - 7055.0000 MHz		1M23G2W		DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER AMSS
6900.0000 - 7055.0000 MHz		1M23G7W		CDMA VOICE AND DATA
6900.0000 - 7055.0000 MHz		N0N		UNMODULATED CW FOR TESTING
6900.0000 - 7055.0000 MHz		2M46G7W		WIDEBAND CDMA VOICE AND DATA
6900.0000 - 7055.0000 MHz		2M46G2W		WIDEBAND CDMA FOR SINGLE-CARRIER AMSS
6900.0000 - 7055.0000 MHz		1M23XXX		WHITE-NOISE MODULATED CARRIER FOR TESTING
6900.0000 - 7055.0000 MHz		1M23G2W		DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER AMSS
6900.0000 - 7055.0000 MHz		2M50G2D		DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER TELEMETRY DATA
5096.0000 - 5250.0000 MHz		1M23G7W	55.00 dBW	CDMA VOICE AND DATA
5096.0000 - 5250.0000 MHz		1M23XXX	59.00 dBW	WHITE-NOISE MODULATED CARRIER FOR TESTING
5096.0000 - 5250.0000 MHz		1M23G2W	55.00 dBW	DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER AMSS
5096.0000 - 5250.0000 MHz		N0N	59.00 dBW	UNMODULATED CW FOR TESTING; MAXIMUM EIRP DENSITY PER CARRIER IS 59.0 dBW IN ANY BANDWIDTH.
5096.0000 - 5250.0000 MHz		1M23G7W	55.00 dBW	CDMA VOICE AND DATA
5096.0000 - 5250.0000 MHz		2M46G7W	55.00 dBW	WIDEBAND CDMA VOICE AND DATA

5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW	WIDEBAND CDMA FOR SINGLE-CARRIER AMSS
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	WHITE-NOISE-MODULATED CARRIER FOR TESTING
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER AMSS
5096.0000 - 5250.0000 MHz	N0N	59.00 dBW	UNMODULATED CW FOR TESTING; MAXIMUM EIRP DENSITY PER CARRIER IS 59.0 dBW IN ANY BANDWIDTH.
5091.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	FEEDER LINK & TELEMETRY - CDMA 1.23 MC/SEC/QPSK

Points of Communication:

LPMA-1 - GLOBALSTAR 2.0 - (NGSO)

LPMA-1 - IRIDIUM (S2110) - (NGSO)

SES-MOD-20170412-00433 E E990336 GCL Licensee LLC
Application for Modification 06/23/2010 - 06/23/2025
Withdrawn Date Effective: 08/14/2017

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: LPMA-2

LOCATION: Road 303 INT. Km12.1 Las Palmas, Caba Rojo, Cabo Rojo, PR
17 ° 58 ' 49.00 " N LAT. 67 ° 8 ' 14.00 " W LONG.

ANTENNA ID: LPA RFT2 5.5 meters Alcatel 9775

6900.0000 - 7055.0000 MHz	1M23G7W	FEEDER LINK & TELEMETRY - CDMA 1.23 MC/SEC/QPSK
6900.0000 - 7055.0000 MHz	1M23G7W	CDMA VOICE AND DATA
6900.0000 - 7055.0000 MHz	NON	UNMODULATED CW FOR TESTING
6900.0000 - 7055.0000 MHz	1M23XXX	WHITE NOISE MODULATED CARRIER FOR TESTING
6900.0000 - 7055.0000 MHz	1M23G2W	DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER AMSS
6900.0000 - 7055.0000 MHz	2M50G2D	DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER TELEMETRY DATA
6900.0000 - 7055.0000 MHz	2M46G7W	WIDEBAND CDMA VOICE AND DATA

6900.0000 - 7055.0000 MHz	2M46G2W		WIDEBAND CDMA FOR SINGLE-CARRIER AMSS
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA VOICE AND DATA
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	WHITE NOISE MODULATED CARRIER FOR TESTING
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER AMSS
5096.0000 - 5250.0000 MHz	NON	59.00 dBW	UNMODULATED CW FOR TESTING; MAXIMUM EIRP DENSITY PER CARRIER IS 59.0 dBW IN ANY BANDWIDTH.
5096.0000 - 5250.0000 MHz	2M46G7W	55.00 dBW	WIDEBAND CDMA VOICE AND DATA
5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW	WIDEBAND CDMA FOR SINGLE-CARRIER AMSS
5091.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	FEEDER LINK & TELEMETRY - CDMA 1.23 MC/SEC/QPSK

Points of Communication:

LPMA-2 - GLOBALSTAR 2.0 - (NGSO)

LPMA-2 - IRIDIUM (S2110) - (NGSO)

SES-MOD-20170412-00434 E E990335 GCL Licensee LLC

Application for Modification

06/23/2010 - 06/23/2025

Withdrawn

Date Effective: 08/14/2017

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: LPMA-3

LOCATION: ROAD 303 INT. KM 12.1, Caba Rojo, CABO ROJO, PR
17 ° 58 ' 50.00 " N LAT.

67 ° 8 ' 13.00 " W LONG.

ANTENNA ID: LPA RFT3 5.5 meters Alcatel 9775

6900.0000 - 7055.0000 MHz	1M23G7W		FEEDER LINK & TELEMETRY - CDMA 1.23 MC/SEC/QPSK
6900.0000 - 7055.0000 MHz	1M23G7W		CDMA VOICE AND DATA
6900.0000 - 7055.0000 MHz	NON		UNMODULATED CW FOR TESTING
6900.0000 - 7055.0000 MHz	1M23XXX		WHITE-NOISE-MODULATED CARRIER FOR TESTING

6900.0000 - 7055.0000 MHz	1M23G2W		DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER AMSS
6900.0000 - 7055.0000 MHz	2M46G7W		WIDEBAND CDMA VOICE AND DATA
6900.0000 - 7055.0000 MHz	2M46G2W		WIDEBAND CDMA FOR SINGLE-CARRIER AMSS
6900.0000 - 7055.0000 MHz	1M23XXX		WHITE-NOISE-MODULATED CARRIER FOR TESTING
6900.0000 - 7055.0000 MHz	1M23G2W		DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER AMSS
6900.0000 - 7055.0000 MHz	2M50G2D		DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER TELEMETRY DATA
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA VOICE AND DATA
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	WHITE-NOISE-MODULATED CARRIER FOR TESTING
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER AMSS
5096.0000 - 5250.0000 MHz	NON	59.00 dBW	UNMODULATED CW FOR TESTING; MAXIMUM EIRP DENSITY PER CARRIER IS 59.0 dBW IN ANY BANDWIDTH
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA VOICE AND DATA
5096.0000 - 5250.0000 MHz	2M46G7W	55.00 dBW	WIDEBAND CDMA VOICE AND DATA
5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW	WIDEBAND CDMA FOR SINGLE-CARRIER AMSS
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	WHITE-NOISE-MODULATED CARRIER FOR TESTING
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	DIRECT-SEQUENCE CDMA FOR SINGLE-CARRIER AMSS
5096.0000 - 5250.0000 MHz	NON	59.00 dBW	UNMODULATED CW FOR TESTING; MAXIMUM EIRP DENSITY PER CARRIER IS 59.0 dBW IN ANY BANDWIDTH
5091.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	FEEDER LINK & TELEMETRY - CDMA 1.23 MC/SEC/QPSK

Points of Communication:

LPMA-3 - GLOBALSTAR 2.0 - (NGSO)

LPMA-3 - IRIDIUM (S2110) - (NGSO)

SES-MOD-20170412-00435 E E050237 GCL Licensee LLC
 Application for Modification
 Withdrawn

10/17/2005 - 10/17/2020
 Date Effective: 08/14/2017

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: LPMA-4

LOCATION: Road 303 INT. KM 12.1 Las Palmas, Cabo Rojo, Cabo Rojo, PR
 17 ° 58 ' 48.00 " N LAT. 67 ° 8 ' 12.00 " W LONG.

ANTENNA ID:	LPA RFT4	5.5 meters	Alcatel	9775
6900.0000 - 7055.0000 MHz			1H0N0N	Unmodulated CW for testing
6900.0000 - 7055.0000 MHz			1M23XXX	White noise modulated carrier for testing
6900.0000 - 7055.0000 MHz			1M23G2W	Direct-sequence CDMA for single-carrier AMSS
6900.0000 - 7055.0000 MHz			1M23G7W	CDMA voice and data: QPSK waveform consists of multiple direct-sequence spread-spectrum 1.23 Mchip/sec channels whose carriers are uniformly spaced.
6900.0000 - 7055.0000 MHz			2M50G2D	Direct-sequence CDMA for single-carrier telemetry data
6900.0000 - 7055.0000 MHz			1M23G7W	CDMA voice and data
6900.0000 - 7055.0000 MHz			NON	Unmodulated CW for testing
6900.0000 - 7055.0000 MHz			2M46G7W	Wideband CDMA voice and data
6900.0000 - 7055.0000 MHz			2M46G2W	Wideband CDMA for single-carrier AMSS
6900.0000 - 7055.0000 MHz			1M23XXX	White-noise-modulated carrier for testing
6900.0000 - 7055.0000 MHz			1M23G2W	Direct-sequence CDMA for single-carrier AMSS
6900.0000 - 7055.0000 MHz			2M50G2D	Direct-sequence CDMA for single-carrier telemetry data
5096.0000 - 5250.0000 MHz			1H0N0N	59.00 dBW Unmodulated CW for testing; maximum EIRP density per carrier is 59.0 dBW in any bandwidth.
5096.0000 - 5250.0000 MHz			1M23XXX	59.00 dBW White noise modulated carrier for testing

5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA voice and data: QPSK waveform consists of multiple direct-sequence spread-spectrum 1.23 Mchip/sec channels whose carriers are uniformly spaced.
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	Direct-sequence CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G7W	55.00 dBW	Wideband CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW	Wideband CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	White-noise-modulated carrier for testing
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	Wideband CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	NON	59.00 dBW	Unmodulated CW for testing; maximum EIRP density per carrier is 59.0 dBW in any bandwidth.

Points of Communication:

LPMA-4 - GLOBALSTAR 2.0 - (NGSO)

LPMA-4 - IRIDIUM (S2110) - (NGSO)

SES-MOD-20170412-00436 E E000342 GUSA Licensee LLC

Application for Modification

03/22/2011 - 03/22/2026

Withdrawn

Date Effective: 08/14/2017

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: CLFN-2

LOCATION: 848 County Road 4290, Bosque, Clifton, TX

31 ° 47 ' 57.50 " N LAT.

97 ° 36 ' 44.70 " W LONG.

ANTENNA ID: CLF RFT2 5.5 meters Alcatel 9775

6900.0000 - 7055.0000 MHz 1M23G7W
Waveform consists of multiple direct-sequence spread-spectrum channels whose carriers are uniformly spaced. Each CDMA channel is 1.23 Mc/sec. Each CDMA Waveform is QPSK

6900.0000 - 7055.0000 MHz 50K0N0N
Unmodulated CW for Testing

6900.0000 - 7055.0000 MHz 1M23XXX
White noise modulated carrier for testing

6900.0000 - 7055.0000 MHz 1M23G7W
CDMA voice and data

6900.0000 - 7055.0000 MHz	N0N		Unmodulated CW for Testing
6900.0000 - 7055.0000 MHz	2M46G7W		Wideband CDMA voice and data
6900.0000 - 7055.0000 MHz	2M46G2W		Wideband CDMA for single-carrier AMSS
6900.0000 - 7055.0000 MHz	1M23XXX		White-noise-modulated carrier for testing
6900.0000 - 7055.0000 MHz	1M23G2W		Direct-sequence CDMA for single-carrier AMSS
6900.0000 - 7055.0000 MHz	2M50G2D		Direct-sequence CDMA for single-carrier telemetry data
6875.9500 - 6877.1500 MHz	7K00G1D		Telemetry carrier
6875.9000 - 6879.1000 MHz	70K0G7D		Telemetry carrier
6875.0000 - 6878.0000 MHz	7K00G1D		Telemetry Carrier using a Manchester-Encoded Formatted Signal @ 1000.117 bps
5096.0000 - 5250.0000 MHz	50K0N0N	59.00 dBW	Unmodulated CW for Testing
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	White noise modulated carrier for testing
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	Waveform consists of multiple direct-sequence spread-spectrum channels whose carriers are uniformly spaced. Each CDMA channel is 1.23 Mc/sec. Each CDMA Waveform is QPSK
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G7W	55.00 dBW	Wideband CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW	Wideband CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	White-noise-modulated carrier for testing
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	Direct-sequence CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	N0N	59.00 dBW	Unmodulated CW for testing; maximum EIRP density per carrier is 59.0 dBW in any bandwidth
5091.3800 - 5091.6200 MHz	40K0G2D	68.00 dBW	Telecommand Carrier
5091.0000 - 5092.0000 MHz	76K0F2D	68.00 dBW	Telecommand Carrier
5091.0000 - 5092.0000 MHz	76K0F2D	68.00 dBW	Telecommand Carrier

Points of Communication:

CLFN-2 - GLOBALSTAR 2.0 - (NGSO)

CLFN-2 - IRIDIUM (S2110) - (NGSO)

SES-MOD-20170412-00437 E E000344 GUSA Licensee LLC

Application for Modification

03/22/2011 - 03/22/2026

Withdrawn

Date Effective: 08/14/2017

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: CLFN-4

LOCATION: 848 County Road 4290, Bosque, Clifton, TX

31 ° 48 ' 0.10 " N LAT.

97 ° 36 ' 48.90 " W LONG.

ANTENNA ID:	Clift-RFT4	5.5 meters	Alcatel	9775
6900.0000 - 7055.0000 MHz			1M23G7W	Waveform consists of multiple direct-sequence spread-spectrum channels whose carriers are uniformly spaced. Each CDMA channel is 1.23 Mc/sec. Each CDMA Waveform is QPSK.
6900.0000 - 7055.0000 MHz			1M23XXX	White noise modulated carrier for testing.
6900.0000 - 7055.0000 MHz			50K0N0N	Unmodulated CW for Testing.
6900.0000 - 7055.0000 MHz			1M23G7W	CDMA voice and data
6900.0000 - 7055.0000 MHz			N0N	Unmodulated CW for Testing.
6900.0000 - 7055.0000 MHz			2M46G7W	Wideband CDMA voice and data
6900.0000 - 7055.0000 MHz			2M46G2W	Wideband CDMA for single-carrier AMSS
6900.0000 - 7055.0000 MHz			1M23XXX	White-noise-modulated carrier for testing
6900.0000 - 7055.0000 MHz			1M23G2W	Direct-sequence CDMA for single-carrier AMSS
6900.0000 - 7055.0000 MHz			2M50G2D	Direct-sequence CDMA for single-carrier telemetry data
6875.9500 - 6877.1500 MHz			7K00G1D	Telemetry carrier
6875.9000 - 6879.1000 MHz			70K0G7D	Telemetry carrier
6875.0000 - 6878.0000 MHz			7K00G1D	Telemetry Carrier using a Manchester-Encoded Formatted Signal @ 1000.117 bps.

5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	Waveform consists of multiple direct-sequence spread-spectrum channels whose carriers are uniformly spaced. Each CDMA channel is 1.23 Mc/sec. Each CDMA Waveform is QPSK.
5096.0000 - 5250.0000 MHz	50K0N0N	59.00 dBW	Unmodulated CW for Testing.
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	White noise modulated carrier for testing.
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G7W	55.00 dBW	Wideband CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW	Wideband CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	White noise modulated carrier for testing.
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	Wideband CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	N0N	59.00 dBW	Unmodulated CW for testing; maximum EIRP density per carrier is 59.0 dBW in any bandwidth
5091.3800 - 5091.6200 MHz	40K0G2D	68.00 dBW	Telecommand carrier
5091.0000 - 5092.0000 MHz	76K0F2D	68.00 dBW	Telecommand carrier
5091.0000 - 5092.0000 MHz	76K0F2D	68.00 dBW	Telecommand carrier

Points of Communication:

CLFN-4 - GLOBALSTAR 2.0 - (NGSO)

CLFN-4 - IRIDIUM (S2110) - (NGSO)

SES-MOD-20170412-00438 E E000343 GUSA Licensee LLC

Application for Modification

03/22/2011 - 03/22/2026

Withdrawn

Date Effective: 08/14/2017

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: CLFN-3

LOCATION: 848 County Road 4290, Bosque, Clifton, TX

31 ° 47 ' 57.40 " N LAT.

97 ° 36 ' 47.90 " W LONG.

ANTENNA ID: CLF RFT3 5.5 meters Alcatel

9775

6900.0000 - 7055.0000 MHz

50K0N0N

Unmodulated CW for Testing

6900.0000 - 7055.0000 MHz	1M23XXX		White noise modulated carrier for testing
6900.0000 - 7055.0000 MHz	1M23G7W		Waveform consists of multiple direct-sequence spread-spectrum channels whose carriers are uniformly spaced. Each CDMA channel is 1.23 Mc.sec. Each CDMA Waveform is QPSK
6900.0000 - 7055.0000 MHz	1M23G7W		CDMA voice and data
6900.0000 - 7055.0000 MHz	NON		Unmodulated CW for testing
6900.0000 - 7055.0000 MHz	2M46G7W		Wideband CDMA voice and data
6900.0000 - 7055.0000 MHz	2M46G2W		Wideband CDMA for single-carrier AMSS
6900.0000 - 7055.0000 MHz	1M23XXX		White-noise-modulated carrier for testing
6900.0000 - 7055.0000 MHz	1M23G2W		Direct-sequence CDMA for single-carrier AMSS
6900.0000 - 7055.0000 MHz	2M50G2D		Direct-sequence CDMA for single-carrier telemetry data
6875.9500 - 6877.1500 MHz	7K00G1D		Telemetry carrier
6875.9000 - 6879.1000 MHz	70K0G7D		Telemetry carrier
6875.0000 - 6878.0000 MHz	7K00G1D		Telemetry Carrier using a Manchester-Encoded Formatted Signal @ 1000.117 bps
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	Waveform consists of multiple direct-sequence spread-spectrum channels whose carriers are uniformly spaced. Each CDMA channel is 1.23 Mc/sec. Each CDMA Waveform is QPSK
5096.0000 - 5250.0000 MHz	50K0N0N	59.00 dBW	Unmodulated CW for Testing
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	White noise modulated carrier for testing
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G7W	55.00 dBW	Wideband CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW	Wideband CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	White-noise-modulated carrier for testing
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	Direct-sequence CDMA for single-carrier AMSS

5096.0000 - 5250.0000 MHz	NON	59.00 dBW	Unmodulated CW for testing; maximum EIRP density per carrier is 59.0 dBW in any bandwidth
5091.3800 - 5091.6200 MHz	40K0G2D	68.00 dBW	Telecommand Carrier
5091.0000 - 5092.0000 MHz	76K0F2D	68.00 dBW	Telecommand Carrier
5091.0000 - 5092.0000 MHz	76K0F2D	68.00 dBW	Telecommand Carrier

Points of Communication:

CLFN-3 - GLOBALSTAR 2.0 - (NGSO)

CLFN-3 - IRIDIUM (S2110) - (NGSO)

SES-MOD-20170510-00548 E E100118 Intelsat License LLC
 Application for Modification 02/10/2011 - 02/10/2026
 Grant of Authority Date Effective: 08/14/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 17625 Technology Blvd., Washington, Hagerstown, MD
 39 ° 35 ' 55.00 " N LAT. 77 ° 45 ' 22.00 " W LONG.

ANTENNA ID:	MTN-C65	16.4 meters	VERTEX	16.4 Meter
5850.0000 - 6425.0000 MHz	2M00G7F	83.00 dBW	DIGITAL VIDEO	
5850.0000 - 6425.0000 MHz	72M0G7W	88.70 dBW	Digital Audio and Data	
5850.0000 - 6425.0000 MHz	100KG7W	76.00 dBW	Digital Audio Data	
5850.0000 - 6425.0000 MHz	36M0G7F	85.20 dBW	Digital Video	
5850.0000 - 6425.0000 MHz	36M0F8F	82.00 dBW	Analog Video with Associated Audio Subcarriers	
5850.0000 - 6425.0000 MHz	1M50G7D	81.70 dBW	Digital Data	
3625.0000 - 4200.0000 MHz	72M0G7W		Digital Audio and Data	
3625.0000 - 4200.0000 MHz	100KG7W		Digital Audio and Data	
3625.0000 - 4200.0000 MHz	36M0G7F		Digital Video	
3625.0000 - 4200.0000 MHz	2M00G7F		Digital Video	
3625.0000 - 4200.0000 MHz	36M0F8F		Analog Video with Associated AudioSubcarriers	

3625.0000 - 4200.0000 MHz	1M50G7D		DIGITAL DATA
5853.0000 - 5853.0000 MHz	1M20F7D	85.70 dBW	TT&C
5853.0000 - 5853.0000 MHz	850KF7D	85.00 dBW	TT&C
6424.5000 - 6424.5000 MHz	1M20F7D	85.70 dBW	TT&C
6424.5000 - 6424.5000 MHz	850KF7D	85.00 dBW	TT&C
4197.7500 - 4197.7500 MHz	500KF7D		TT&C
4198.2500 - 4198.2500 MHz	500KF7D		TT&C
4198.7500 - 4198.7500 MHz	500KF7D		TT&C
4199.2500 - 4199.2500 MHz	500KF7D		TT&C

Points of Communication:

- 1 - AMC 10 - (135 W.L.)
- 1 - GALAXY 13 - (127 W.L.)
- 1 - INTEL 903 (S2407) - (34.5 W.L.)
- 1 - INTEL 907 (S2411) - (27.5 W.L.)
- 1 - INTELSAT 35e(S2959) - (34.5 W.L.)
- 1 - INTELSAT 37e (S2972) - (18.0 W.L.)
- 1 - Intelsat 905 (S2409) - (24.5 W.L.)
- 1 - PERMITTED LIST - ()

SES-MOD-20170523-00586 E E940452 Scripps Networks Interactive
 Application for Modification 10/07/2004 - 10/07/2019
 Grant of Authority Date Effective: 08/10/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 9721 SHERRILL BOULEVARD, KNOX, KNOXVILLE,, TN
 35 ° 54 ' 57.50 " N LAT. 84 ° 6 ' 40.80 " W LONG.

ANTENNA ID: 1	7.6 meters	ANDREW CORP.	ES76
5925.0000 - 6425.0000 MHz	36M0F8W	79.20 dBW	ANALOG VIDEO, W/AUDIO & DATA SUBCARRIERS
5925.0000 - 6425.0000 MHz	36M0G7W	79.20 dBW	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY

3700.0000 - 4200.0000 MHz	36M0F8W		ANALOG VIDEO, W/AUDIO & DATA SUBCARRIERS
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
5850.0000 - 6425.0000 MHz	36M0G7W	79.20 dBW	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
ANTENNA ID: 2	8.1 meters	VERTEX	8.1KPC
5925.0000 - 6425.0000 MHz	36M0F8W	79.20 dBW	ANALOG VIDEO W/AUDIO & DATA SUBCARRIERS
5925.0000 - 6425.0000 MHz	36M0G7W	79.20 dBW	DIGITAL VIDEO, AUDIO, DATA & TELEMETRY
3700.0000 - 4200.0000 MHz	36M0F8W	0.00 dBW	ANALOG VIDEO W/AUDIO & DATA SUBCARRIERS
3700.0000 - 4200.0000 MHz	36M0F7W	0.00 dBW	DIGITAL VIDEO, AUDIO, DATA & TELEMETRY
5850.0000 - 6425.0000 MHz	36M0G7W	79.20 dBW	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
ANTENNA ID: 3	9 meters	VERTEX	9.0KXC
5850.0000 - 6425.0000 MHz	36M0G7W	79.24 dBW	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20170621-00669 E E120025 Kongsberg Satellite Services AS

Application for Modification

12/06/2012 - 12/06/2027

Grant of Authority

Date Effective: 08/09/2017

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service

SITE ID: RGS-FB-1

LOCATION: GCI Communications Corp. 1300 Van Horn Road, Fairbanks North Star, Fairbanks, AK

64 ° 48 ' 47.40 " N LAT.

147 ° 44 ' 0.20 " W LONG.

ANTENNA ID:	ES 1	2.4 meters	ORBITAL SYSTEMS LLC	2.4TSX1	
	8379.8720 - 8380.1280 MHz		256KG1D	0.00 dBW	Digital/Telemetry
	8374.8720 - 8375.1280 MHz		256KG1D	0.00 dBW	Digital/Telemetry
	8374.7440 - 8375.2560 MHz		512KF1D		BPSK TELEMETRY
	8295.0000 - 8355.0000 MHz		60M0G1D	0.00 dBW	Digital/Data Downlink
	8170.0000 - 8230.0000 MHz		60M0G1D	0.00 dBW	Digital/Data Downlink
	8045.0000 - 8105.0000 MHz		60M0G1D	0.00 dBW	Digital/Data Downlink
	2082.8970 - 2083.1030 MHz		110KF1D	42.50 dBW	Digital/Telecommand
	2080.8970 - 2081.1030 MHz		110KF1D	42.50 dBW	Digital/Telecommand

SITE ID: RGS-FB-2

LOCATION: c/o GCI Communications Corp. 1300 Van Horn Road, Fairbanks North Star, Fairbanks, AK
64 ° 48 ' 47.40 " N LAT. 147 ° 44 ' 0.20 " W LONG.

ANTENNA ID:	ES 2	2.4 meters	ORBITAL SYSTEMS LLC	2.4TSX1	
	8379.7440 - 8380.2560 MHz		512KF1D		BPSK TELEMETRY
	8295.0000 - 8355.0000 MHz		60M0G1D		MPSK DATA DOWNLINK
	8170.0000 - 8230.0000 MHz		60M0G1D		MPSK DATA DOWNLINK
	8045.0000 - 8105.0000 MHz		60M0G1D		MPSK DATA DOWNLINK
	2082.9380 - 2081.0620 MHz		124KF1D	42.50 dBW	FSK TELECOMMAND

Points of Communication:

RGS-FB-1 - SKYSAT - (NGSO)

RGS-FB-1 - SKYSAT - (NGSO)

RGS-FB-2 - SKYSAT - (NGSO)

RGS-FB-2 - SKYSAT - (NGSO)

SES-RWL-20170809-00897 E E020137 MOBILE SATELLITE CONNECTION,LLC
Renewal 08/26/2017 - 08/26/2032
Grant of Authority Date Effective: 08/10/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: Various Locations U.S. and it's territories, VARIOUS
0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	1	2.4 meters	VertexRSI	2.4 MVO
	5925.0000 - 6425.0000 MHz	36M0G7F	65.00 dBW	Compressed Digital Video, 45 Mbps, 3/4 FEC
	5925.0000 - 6425.0000 MHz	4M00G7F -	61.50 dBW	Compressed Digital Video, 5000 kbps, 3/4 FEC
	5925.0000 - 6425.0000 MHz	36M0F3F	65.00 dBW	Standard video with associated audio subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170811-00901 E E020194 NBC Telemundo License LLC
Renewal 09/13/2017 - 09/13/2032
Grant of Authority Date Effective: 08/14/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: (NBC-22LIC) #2, VARIOUS

ANTENNA ID:	NBC22LIC	2.4 meters	ANDREW	ES24SNGLT25
	14000.0000 - 14500.0000 MHz	36M0G7W	74.44 dBW	ONE 36MB MCPC DIGITAL CARRIER FOR VOICE/DATA WITH EMISSION DESIGNATOR OF 36M0G7W.
	14000.0000 - 14500.0000 MHz	36M0F8W	74.44 dBW	THE MAIN RF CARRIER WILL BE A WIDEBAND 36MHZ FREQUENCY MODULATION VIDEO CARRIER WITH ASSOCIATED AUDIO AND ATIS SUBCARRIERS WITH AN EMISSION DESIGNATOR OF 36M0G8W.

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170811-00902 E E020193 NBC Telemundo License LLC
Renewal 09/13/2017 - 09/13/2032
Grant of Authority Date Effective: 08/14/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: (NBC-23WDC) #1, VARIOUS

ANTENNA ID:	NBC23WDC	2.4 meters	ANDREW	ES24NGLT25	
	14000.0000 - 14500.0000 MHz		36M0G7W	74.44 dBW	ONE (1) 36 MB MCPC DIGITAL CARRIER FOR VOICE/DATA WITH EMISSION DESIGNATOR 36M0G7W.
	14000.0000 - 14500.0000 MHz		36M0F8W	74.44 dBW	THE MAIN RF CARRIER WILL BE A WIDEBAND 36 MHZ FREQUENCY MODULATED VIDEO CARRIER WITH ASSOCIATED AUDIO & ATIS SUBCARRIERS WITH A DESIGNATOR OF 36M0G8W.

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20170523-00590 E E060300 Iridium Satellite LLC
Special Temporary Authority
Grant of Authority Date Effective: 08/11/2017

Class of Station:

On August 11, 2017, Iridium Satellite LLC was granted special temporary authority for 180 days, beginning August 11, 2017, to operate its fixed earth station in Fairbanks, AK to provide launch and early orbit phase (LEOP) services to the Iridium NEXT NGSO satellites in the 19.4-19.6 GHz (space-to-Earth) and 29.1-29.3 GHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20170523-00591 E E960131 Iridium Satellite LLC
Special Temporary Authority
Grant of Authority Date Effective: 08/11/2017

Class of Station:

On August 11, 2017, Iridium Satellite LLC was granted special temporary authority for 180 days, beginning August 11, 2017, to operate its fixed earth station in Tempe, AZ to provide launch and early orbit phase (LEOP) services to the Iridium NEXT NGSO satellites in the 19.4-19.6 GHz (space-to-Earth) and 29.1-29.3 GHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20170728-00830 E E170123 Skyview Satellite Networks
Special Temporary Authority
Grant of Authority Date Effective: 08/09/2017

Class of Station:

On August 9, 2017, Skyview Satellite Networks was granted special temporary authority for 60 days, beginning August 9, 2017, to operate a new fixed earth station in Phoenix, AZ to communicate with the AMC-18 (S2713) satellite at the 105° W.L. orbital location in the 5925.0-5989.5 MHz, 6049.15-6182.24 MHz, and 6390.1-6425 MHz (Earth-to-space), and 3700-4200 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20170728-00836 E E4132 Intelsat License LLC

Special Temporary Authority
Grant of Authority

Date Effective: 08/08/2017

Class of Station:

On August 8, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning August 28, 2017, to operate its fixed earth station in Fillmore, CA to provide launch and early orbit phase (LEOP) services for the Indian Regional Navigational Satellite System (IRNSS-1H) satellite at the 55° E.L. orbital location (licensed by the Government of India), on the following center frequencies: 6415 MHz and 6421.48 MHz (Earth-to-space), and 4194 MHz and 4199.28 MHz (space-to-Earth). IRNSS-1H satellite is scheduled for launch in August 2017.

Points of Communication:

SES-STA-20170728-00837 E E040125 Intelsat License LLC

Special Temporary Authority
Grant of Authority

Date Effective: 08/08/2017

Class of Station:

On August 8, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning August 28, 2017, to operate its fixed earth station in Riverside, CA to provide launch and early orbit phase (LEOP) services for the Indian Regional Navigational Satellite System (IRNSS-1H) satellite at the 55° E.L. orbital location (licensed by the Government of India), on the following center frequencies: 6415 MHz and 6421.48 MHz (Earth-to-space), and 4194 MHz, and 4199.28 MHz (space-to-Earth). IRNSS-1H satellite is scheduled for launch in August 2017.

Points of Communication:

SES-STA-20170803-00856 E E000296 Intelsat License LLC

Special Temporary Authority
Grant of Authority

Date Effective: 08/08/2017

Class of Station:

On August 8, 2017, Intelsat License, LLC was granted special temporary authority for 30 days, beginning August 16, 2017, to operate its fixed earth station in Hagerstown, MD to provide in-orbit testing (IOT) of the Intelsat 35e (S2959) satellite at the 33° W.L., orbital location in 5925-5929 MHz, 6080-6107 MHz, 6169-6181 MHz, 6199-6210 MHz, 6258-6299 MHz, 6332-6359 MHz, and 6392-6425 MHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20170803-00859 E E940532 Intelsat License LLC

Special Temporary Authority
Grant of Authority

Date Effective: 08/08/2017

Class of Station:

On August 8, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning August 13, 2017, to operate its fixed earth stations in Ellenwood, GA to provide telemetry, tracking and command (TT&C) services to the Intelsat 9 (S2380) satellite as it drifts from 43.1° W.L. to 29.5° W.L., and on-station at 29.5° W.L., on the following center frequencies: 14000.50 MHz and 14494.50 MHz (Earth-to-space), and 11700.50 MHz, and 11702.00 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170804-00871 E KA275 Intelsat License LLC

Special Temporary Authority
Grant of Authority

Date Effective: 08/11/2017

Class of Station:

On August 11, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning August 16, 2017, to operate its fixed earth station in Hagerstown, MD to provide in-orbit testing (IOT) services to the Intelsat 35e satellite at the 33.0° W.L. orbital location in the 5925-5929 MHz, 6080-6107 MHz, 6169-6181 MHz, 6199-6210 MHz, 6258-6299 MHz, 6332-6359 MHz, and 6392-6425 MHz (Earth-to-space) frequency bands.

Points of Communication:

SES-T/C-20170811-00908 E E020026 WSFA License Subsidiary, LLC
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 08/15/2017

Current Licensee: WSFA License Subsidiary, LLC
FROM: COSMOS BROADCASTING, LLC
TO: Raycom TV Broadcasting, LLC

No. of Station(s) listed: 1

SES-T/C-20170811-00910 E E000168 WBRC License Subsidiary, LLC
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 08/15/2017

Current Licensee: WBRC License Subsidiary, LLC
FROM: Raycom Holdings, LLC
TO: Raycom TV Broadcasting, LLC

No. of Station(s) listed: 2

SES-T/C-20170811-00911 E E010178 WFIE License Subsidiary, LLC
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 08/15/2017

Current Licensee: WFIE License Subsidiary, LLC
FROM: COSMOS BROADCASTING, LLC
TO: Raycom TV Broadcasting, LLC

No. of Station(s) listed: 1

SES-T/C-20170811-00912 E E980177 WTOL License Subsidiary, LLC
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 08/15/2017

Current Licensee: WTOL License Subsidiary, LLC
FROM: COSMOS BROADCASTING, LLC
TO: Raycom TV Broadcasting, LLC

No. of Station(s) listed: 1

Dismissal

SES-STA-20170719-00782 E100118 Intelsat License LLC
Application dismissed, SES-MOD-20170510-00548 has been granted.

INFORMATIVE

SES-LIC-20170310-00256 E170081 Intelsat License LLC
License reissued to remove emission designator 1M00G7W in the 13.75-14.0 GHz frequency band, and to remove condition 6590, "[o]perations in the 13.75-14.0 GHz band below 68 dBW EIRP are not permitted per footnote US356 of the Table of Frequency Allocations."

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