



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02417

Wednesday November 17, 2021

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-20210520-00826 E E080100 Anuvu Licensing Holdings LLC
Amendment
Withdrawn Date Effective: 11/12/2021

Class of Station: Other

Nature of Service: Fixed Satellite Service

SITE ID: 3
LOCATION: (0.63m QEST) 1000 UNITS CONUS, PR, USVI USTerr Waters, CONUS

ANTENNA ID:	3	0.63 meters	QEST	Q050000
	14050.0000 - 14470.0000 MHz	4M09G7D	41.90 dBW	QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	2M04G7D	41.90 dBW	QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	1M02G7D	41.90 dBW	QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	2M04G7D	43.80 dBW	QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	4M09G7D	43.80 dBW	QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	1M02G7D	42.40 dBW	QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	2M40G7D	43.40 dBW	QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	4M09G7D	43.40 dBW	QPSK OR OCTAL PSK
	12500.0000 - 12750.0000 MHz	36M0G7D		QPSK OR OCTAL PSK

12200.0000 - 12500.0000 MHz	36M0G7D	QPSK OR OCTAL PSK
11700.0000 - 12200.0000 MHz	36M0G7D	QPSK OR OCTAL PSK
11450.0000 - 11700.0000 MHz	36M0G7D	QPSK OR OCTAL PSK
11200.0000 - 11450.0000 MHz	36M0G7D	QPSK OR OCTAL PSK
10950.0000 - 11200.0000 MHz	36M0G7D	QPSK OR OCTAL PSK
10700.0000 - 11700.0000 MHz	36M0G7D	QPSK OR OCTAL PSK

SITE ID: 1

LOCATION: (0.6m AeroSat Avionics) 1000 UNITS CONUS, +TERR, INTERNATIONAL WATERS, CONUS

ANTENNA ID: 1	0.6 meters	AeroSat Avionics	70-100-0000-01
14050.0000 - 14470.0000 MHz	1M60G7D	38.60 dBW	QPSK OR OCTAL PSK
11700.0000 - 12200.0000 MHz	36M0G7D	0.00 dBW	QPSK OR OCTAL PSK

SITE ID: 2

LOCATION: (0.62m TECOM) 1000 UNITS CONUS, PR, USVI USTerr Waters, CONUS

ANTENNA ID: 2	0.62 meters	TECOM	Ku-Stream
14050.0000 - 14470.0000 MHz	1M60G7D	41.30 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	6M40G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M60G7D	38.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	3M20G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	3M20G7D	41.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M60G7D	36.00 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M60G7D	41.30 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	3M20G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M20G7D	42.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	2M04G7D	42.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	4M09G7D	42.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	4M09G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	2M04G7D	43.80 dBW	QPSK OR OCTAL PSK

14050.0000 - 14470.0000 MHz	1M02G7D	41.30 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M02G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	2M04G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	4M09G7D	43.80 dBW	QPSK OR OCTAL PSK
12500.0000 - 12750.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
12250.0000 - 12750.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
11450.0000 - 12200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
11450.0000 - 11700.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
11200.0000 - 11450.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
10950.0000 - 11200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
10700.0000 - 11700.0000 MHz	36M0G7D		QPSK OR OCTAL PSK

Points of Communication:

- 1 - HORIZONS 1 (S2475) - (127 WL)
- 1 - SES-1 (S2807) - (101.0 W.L.)
- 2 - AMC 2 - (84.85)
- 2 - AMC 3 (S2162) - (72 W.L.)
- 2 - AMC-1(S2445) - (130.90)
- 2 - ANIK F1(S3079) - (109.2 W.L.)
- 2 - ANIK FIR - (107.3 W.L.)
- 2 - EUTELSAT 139 WEST A - (139.2 W. L)
- 2 - EUTELSAT115WB(S2938) - (114.9 W.L.)
- 2 - EUTELSAT133WA(S3031) - (132.85)
- 2 - HISPASAT 143W-1 - (143 W.L.)
- 2 - SES-1 (S2807) - (101.0 W.L.)
- 2 - SES-10 (S2950) - (66.9 W.L.)
- 2 - SES-15 (S2951) - (129.15 W.L)
- 3 - AMC 2 - (84.85)

- 3 - AMC 3 (S2162) - (72 W.L.)
- 3 - AMC-1(S2445) - (130.90)
- 3 - ANIK F1(S3079) - (109.2 W.L.)
- 3 - ANIK FIR - (107.3 W.L.)
- 3 - EUTELSAT 139 WEST A - (139.2 W. L)
- 3 - EUTELSAT115WB(S2938) - (114.9 W.L.)
- 3 - EUTELSAT133WA(S3031) - (132.85)
- 3 - HISPASAT 143W-1 - (143 W.L.)
- 3 - SES-1 (S2807) - (101.0 W.L.)
- 3 - SES-10 (S2950) - (66.9 W.L.)
- 3 - SES-15 (S2951) - (129.15 W.L)

SES-ASG-20210514-00797 E E010116 Meredith Corporation
 Application for Consent to Assignment
 Grant of Authority Date Effective: 11/15/2021

Current Licensee: Meredith Corporation
FROM: MEREDITH CORPORATION
TO: Gray Television Licensee, LLC

No. of Station(s) listed: 15

SES-ASG-20210514-00798 E E010135 KPHO Broadcasting Corporation
 Application for Consent to Assignment
 Grant of Authority Date Effective: 11/15/2021

Current Licensee: KPHO Broadcasting Corporation
FROM: KPHO BROADCASTING CORPORATION
TO: Gray Television Licensee, LLC

No. of Station(s) listed: 3

SES-ASG-20210514-00799 E E080050 KVVU Broadcasting Corporation
 Application for Consent to Assignment
 Grant of Authority Date Effective: 11/15/2021

Current Licensee: KVVU Broadcasting Corporation
FROM: KVVU BROADCASTING CORPORATION
TO: Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20210514-00800 E E000017 KPTV-KPDX Broadcasting Corporation
 Application for Consent to Assignment
 Grant of Authority Date Effective: 11/15/2021

Current Licensee: KPTV-KPDX Broadcasting Corporation
FROM: KPTV-KPDX BROADCASTING CORPORATION
TO: Gray Television Licensee, LLC

No. of Station(s) listed: 2

SES-ASG-20211019-01735 E E180704 Major Market Broadcasting of New York Inc.
Application for Consent to Assignment
Grant of Authority Date Effective: 11/16/2021

Current Licensee: Ventana Television, Inc.
FROM: Ventana Television, Inc.
TO: Major Market Broadcasting of New York Inc.

No. of Station(s) listed: 1

SES-ASG-20211114-01808 E E060242 WYPR License Holding, LLC
Application for Consent to Assignment
Grant of Authority Date Effective: 11/16/2021

Current Licensee: Towson University
FROM: TOWSON UNIVERSITY
TO: WYPR License Holding, LLC

No. of Station(s) listed: 2

SES-LIC-20210708-01019 E E210127 SpaceX Services, Inc.
Application for Authority 11/10/2021 - 11/10/2036
Grant of Authority Date Effective: 11/10/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

On November 10, 2021, SpaceX Services Inc. was granted a blanket license for the operation of multiple next generation user terminal earth stations that will communicate with the Starlink non-geostationary orbit satellite system.

SITE ID: SpaceX UT2 Blanket
LOCATION: CONTIGUOUS US AK, HI, PR, USVI

ANTENNA ID: UT-2	0.42 meters	SpaceX	UTA 205/206/207
10700.0000 - 12700.0000 MHz	240MD7W	0.00 dBW	BPSK up to 64QAM; Digital Data
14000.0000 - 14500.0000 MHz	60M0D7W	38.20 dBW	BPSK up to 64QAM; Digital Data

Points of Communication:

SpaceX UT2 Blanket - SPACEEX (S2983/3018) - (NGSO)

SES-MFS-20210127-00153 E E080100 Anuvu Licensing Holdings LLC
Modification 08/05/2009 - 08/05/2024
Granted in Part/ Deferred in Part Date Effective: 11/12/2021

Class of Station: Other

Nature of Service: Earth Station Aboard Aircraft, Fixed Satellite Service

On November 12, 2021, the Satellite Division granted, with conditions, Anuvu's request to update points of communication for its Earth Station Aboard Aircraft license to communicate with the following satellites in the following frequency bands: Anik-F1R (S2674) at 107.3° W.L. (14-14.5 GHz, 11.7-12.2 GHz), Anik-F1 (S2745) to be relocated to 109.2° W.L. (14-14.5 GHz, 11.7-12.2 GHz), Eutelsat 139 West A (S3055) at 139.2° W.L. (14-14.5 GHz, 10.95-11.2 GHz, and 11.45-11.7 GHz) and Hispasat 143 W-1 (S3058) at 143° W.L. (14-14.5 GHz, 11.7-12.2 GHz, and 11.45-11.7 GHz). The Satellite Division defers action on Anuvu's request for authority to receive downlinks from Eutelsat 139 West A (S3055) at 139.2° W.L. in the 12.5-12.75 GHz frequency band, and from Hispasat 143 W-1 (S3058) at 143° W.L. in the 12.2-12.75 GHz frequency band.

SITE ID: 3
 LOCATION: (0.63m QEST) 1000 UNITS CONUS, PR, USVI USTerr Waters, CONUS

ANTENNA ID:	3	0.63 meters	QEST	Q050000
14050.0000 - 14470.0000 MHz	4M09G7D	41.90 dBW	QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	2M04G7D	41.90 dBW	QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	1M02G7D	41.90 dBW	QPSK OR OCTAL PSK	
12200.0000 - 12500.0000 MHz	36M0G7D	QPSK OR OCTAL PSK		
11700.0000 - 12200.0000 MHz	36M0G7D	QPSK OR OCTAL PSK		
11450.0000 - 11700.0000 MHz	36M0G7D	QPSK OR OCTAL PSK		
11200.0000 - 11450.0000 MHz	36M0G7D	QPSK OR OCTAL PSK		
10950.0000 - 11200.0000 MHz	36M0G7D	QPSK OR OCTAL PSK		
10700.0000 - 11700.0000 MHz	36M0G7D	QPSK OR OCTAL PSK		
14050.0000 - 14470.0000 MHz	2M04G7D	43.80 dBW	QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	4M09G7D	43.80 dBW	QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	1M02G7D	42.40 dBW	QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	2M40G7D	43.40 dBW	QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	4M09G7D	43.40 dBW	QPSK OR OCTAL PSK	
12500.0000 - 12750.0000 MHz	36M0G7D	QPSK OR OCTAL PSK		

SITE ID: 1
 LOCATION: (0.6m AeroSat Avionics) 1000 UNITS CONUS, +TERR, INTERNATIONAL WATERS, CONUS

ANTENNA ID:	1	0.6 meters	AeroSat Avionics	70-100-0000-01
14050.0000 - 14470.0000 MHz	1M60G7D	38.60 dBW	QPSK OR OCTAL PSK	
11700.0000 - 12200.0000 MHz	36M0G7D	0.00 dBW	QPSK OR OCTAL PSK	

SITE ID: 2
LOCATION: (0.62m TECOM) 1000 UNITS CONUS, PR, USVI USTerr Waters, CONUS

ANTENNA ID:	2	0.62 meters	TECOM	Ku-Stream
14050.0000 - 14470.0000 MHz		1M60G7D	41.30 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		6M40G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		1M60G7D	38.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		3M20G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		3M20G7D	41.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		1M60G7D	36.00 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		1M60G7D	41.30 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		3M20G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		1M20G7D	42.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		2M04G7D	42.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		4M09G7D	42.80 dBW	QPSK OR OCTAL PSK
12250.0000 - 12750.0000 MHz		36M0G7D		QPSK OR OCTAL PSK
11450.0000 - 12200.0000 MHz		36M0G7D		QPSK OR OCTAL PSK
11200.0000 - 11450.0000 MHz		36M0G7D		QPSK OR OCTAL PSK
10950.0000 - 11200.0000 MHz		36M0G7D		QPSK OR OCTAL PSK
10700.0000 - 11700.0000 MHz		36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		4M09G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		2M04G7D	43.80 dBW	QPSK OR OCTAL PSK
12500.0000 - 12750.0000 MHz		36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		1M02G7D	41.30 dBW	QPSK OR OCTAL PSK
11450.0000 - 11700.0000 MHz		36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		1M02G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		2M04G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		4M09G7D	43.80 dBW	QPSK OR OCTAL PSK

Points of Communication:

- 1 - HORIZONS 1 (S2475) - (127 WL)
- 1 - SES-1 (S2807) - (101.0 W.L.)
- 2 - AMC 2 - (84.85)
- 2 - AMC 3 (S2162) - (72 W.L.)
- 2 - AMC-1(S2445) - (130.90)
- 2 - ANIK F1(S3079) - (109.2 W.L.)
- 2 - ANIK FIR - (107.3 W.L.)
- 2 - EUTELSAT 139 WEST A - (139.2 W. L)
- 2 - EUTELSAT115WB(S2938) - (114.9 W.L.)
- 2 - EUTELSAT133WA(S3031) - (132.85)
- 2 - HISPASAT 143W-1 - (143 W.L.)
- 2 - SES-1 (S2807) - (101.0 W.L.)
- 2 - SES-10 (S2950) - (66.9 W.L.)
- 2 - SES-15 (S2951) - (129.15 W.L)
- 3 - AMC 2 - (84.85)
- 3 - AMC 3 (S2162) - (72 W.L.)
- 3 - AMC-1(S2445) - (130.90)
- 3 - ANIK F1(S3079) - (109.2 W.L.)
- 3 - ANIK FIR - (107.3 W.L.)
- 3 - EUTELSAT 139 WEST A - (139.2 W. L)
- 3 - EUTELSAT115WB(S2938) - (114.9 W.L.)
- 3 - EUTELSAT133WA(S3031) - (132.85)
- 3 - HISPASAT 143W-1 - (143 W.L.)
- 3 - SES-1 (S2807) - (101.0 W.L.)
- 3 - SES-10 (S2950) - (66.9 W.L.)
- 3 - SES-15 (S2951) - (129.15 W.L)

SES-RWL-20211025-01743 E E060331 Hearst Properties Inc.
Renewal 10/10/2021 - 10/10/2036
Grant of Authority Date Effective: 11/15/2021

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: VARIOUS

ANTENNA ID:	1	1.8 meters	SAT-LITE TECHNOLOGIES	1841 PELORIS SNG
	14000.0000 - 14500.0000 MHz	36M0D7W	62.51 dBW	QAM OR APSK; DIGITAL VIDEO, AUDIO, AND DATA
	14000.0000 - 14500.0000 MHz	3M50D7W	62.51 dBW	QAM OR APSK; DIGITAL VIDEO, AUDIO, AND DATA
	11700.0000 - 12200.0000 MHz	36M0D7W		QAM OR APSK; DIGITAL VIDEO, AUDIO, AND DATA
	11700.0000 - 12200.0000 MHz	3M50D7W		QAM OR APSK; DIGITAL VIDEO, AUDIO, AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20211025-01748 E E865034 Scripps Broadcasting Holdings LLC
Renewal 12/19/2021 - 12/19/2036
Grant of Authority Date Effective: 11/10/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 7 BROADCAST PLAZA, ERIE, BUFFALO, NY
42 ° 53 ' 5.40 " N LAT. 78 ° 52 ' 51.80 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	ESA45-46A
	3700.0000 - 4200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO
	3700.0000 - 4200.0000 MHz	36M0G7F		COMPRESSED DIGITAL VIDEO
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital Multiplex Carrier
ANTENNA ID:	2	7.3 meters	ANDREW CORPORATION	ESA73-46
	3700.0000 - 4200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO
	3700.0000 - 4200.0000 MHz	36M0G7F		COMPRESSED DIGITAL VIDEO

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier
ANTENNA ID: 3	3.7 meters DH SATELLITE	3.7M
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier
ANTENNA ID: 4	4.5 meters PATRIOT	PRT-450
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20211026-01742	E E060409	WUNC Public Radio, LLC	11/13/2021 - 11/13/2036
Renewal			Date Effective: 11/10/2021
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: HWY 12 South (WBUX), Dare, Buxton, NC
35 ° 16 ' 1.00 " N LAT. 75 ° 32 ' 38.00 " W LONG.

ANTENNA ID: 3.7M.	3.7 meters	Prodelin	3.7M.
3700.0000 - 4200.0000 MHz	30K0F1D	DIGITAL AUDIO CARRIER	
3700.0000 - 4200.0000 MHz	10M3G7W	DIGITAL AUDIO CARRIER	
ANTENNA ID: 3.7M.-2	3.7 meters	Prodelin	3.7M.
3700.0000 - 4200.0000 MHz	30K0F1D	DIGITAL BROADCAST AUDIO CARRIER	
3700.0000 - 4200.0000 MHz	10M3G7W	DIGITAL BROADCAST AUDIO CARRIER	

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20211026-01744	E E060410	WUNC Public Radio, LLC	11/13/2021 - 11/13/2036
Renewal			Date Effective: 11/10/2021
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1 Festival Park (WURD), Dare, Manteo, NC
35 ° 54 ' 37.40 " N LAT. 75 ° 39 ' 58.00 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters Prodelin 3.7M.
3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL BROADCAST AUDIO CARRIER
3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL BROADCAST AUDIO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20211026-01745 E E060411 WUNC Public Radio, LLC
Renewal 11/13/2021 - 11/13/2036
Grant of Authority Date Effective: 11/12/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WUND
LOCATION: RT 2 Box 29C Racoon Road, Washington, Creswell, NC
35 ° 53 ' 59.00 " N LAT. 76 ° 20 ' 48.00 " W LONG.

ANTENNA ID: 3.7 3.7 meters Prodelin 3.7M
3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL AUDIO CARRIER
3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL AUDIO CARRIER

Points of Communication:

WUND - PERMITTED LIST - ()

SES-RWL-20211026-01746 E E060412 WUNC Public Radio, LLC
Renewal 11/13/2021 - 11/13/2036
Grant of Authority Date Effective: 11/12/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4452 Temperance Hall Road (WRQM), Edgecombe, Rocky Mount, NC
35 ° 48 ' 40.00 " N LAT. 77 ° 44 ' 33.00 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters Prodelin 3.7M.
3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz

10M3G7W

DIGITAL AUDIO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20211102-01767 E E060405 UNIVERSITY OF ALASKA

Renewal

12/21/2021 - 12/21/2036

Grant of Authority

Date Effective: 11/15/2021

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 312 TANANA DRIVE (KUAC), Fairbanks NorthStar Bo, FAIRBANKS, AK

64 ° 51 ' 23.00 " N LAT.

147 ° 48 ' 56.00 " W LONG.

ANTENNA ID: KUAC 7 meters MICRODYNE PR23

14000.0000 - 14500.0000 MHz 10M0G7F 57.50 dBW MPEG VIDEO SERVICES

11700.0000 - 12200.0000 MHz 10M0G7F MPEG VIDEO SERVICES

Points of Communication:

1 - HORIZONS 1 (S2475) - (127 WL)

SES-RWL-20211102-01768 E E050347 GUSA Licensee LLC

Renewal

01/04/2022 - 01/04/2037

Grant of Authority

Date Effective: 11/15/2021

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	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

Points of Communication:

1 - GLOBALSTAR (S2115) - (NGSO)

1 - GLOBALSTAR 2.0 - (NGSO)

SES-RWL-20211102-01769	E E050100	GUSA Licensee LLC	
Renewal			01/04/2022 - 01/04/2037
Grant of Authority			Date Effective: 11/15/2021

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 0.6 meters COBHAM SATCOM SEATEL

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	2M46G7W		Wideband CDMA voice and data
6900.0000 - 7055.0000 MHz	2M46G2W		Wideband CDMA for single-carrier AMSS

6900.0000 - 7055.0000 MHz	230KG7D		BURST MODE PACKET DATA WITH BPSK MODULATION
6900.0000 - 7055.0000 MHz	280KG7D		BURST MODE PACKET DATA WITH BPSK MODULATION
6900.0000 - 7055.0000 MHz	200KG7D		BURST MODE PACKET DATA WITH BPSK MODULATION
6900.0000 - 7055.0000 MHz	2M50G2D		Direct-sequence CDMA for single-carrier telemetry data
6900.0000 - 7055.0000 MHz	2M50G7D		Direct-sequence CDMA for single-carrier telemetry data
6875.9500 - 6877.1500 MHz	7K00G1D		TELEMETRY CARRIER
6875.9000 - 6879.1000 MHz	70K0G7D		TELEMETRY CARRIER
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
5096.0000 - 5250.0000 MHz	4M50G7D	68.00 dBW	BURST MODE PACKET DATA WITH BPSK MODULATION
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 (S2115) - (NGSO)

SBRG-4 - GLOBALSTAR 2.0 - (NGSO)

SES-RWL-20211102-01770 E E050099 GUSA Licensee LLC

Renewal

01/04/2022 - 01/04/2037

Grant of Authority

Date Effective: 11/15/2021

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 (S2115) - (NGSO)

SBRG-3 - GLOBALSTAR 2.0 - (NGSO)

SES-RWL-20211102-01771 E E050346 GUSA Licensee LLC

Renewal

01/04/2022 - 01/04/2037

Grant of Authority

Date Effective: 11/15/2021

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 (S2115) - (NGSO)

1 - GLOBALSTAR 2.0 - (NGSO)

SES-RWL-20211102-01772	E E050345	GUSA Licensee LLC	01/04/2022 - 01/04/2037
Renewal			Date Effective: 11/15/2021
Grant of Authority			

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 (S2115) - (NGSO)

WSLA-3 - GLOBALSTAR 2.0 - (NGSO)

SES-RWL-20211102-01773 E E050097 GUSA Licensee LLC
Renewal 01/04/2022 - 01/04/2037
Grant of Authority Date Effective: 11/15/2021

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 (S2115) - (NGSO)

SBRG-1 - GLOBALSTAR 2.0 - (NGSO)

SES-RWL-20211102-01774 E E960525 WDEF-TV, Inc.

Renewal

10/25/2021 - 10/25/2036

Grant of Authority

Date Effective: 11/15/2021

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID:	1	2.4 meters	VERTEX	MODEL 2.4 DMK
	14000.0000 - 14500.0000 MHz		36M0F3F	74.10 dBW

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20211102-01775	E	E050098	GUSA Licensee LLC	01/04/2022 - 01/04/2037
Renewal				Date Effective: 11/15/2021
Grant of Authority				

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 (S2115) - (NGSO)

SBRG-2 - GLOBALSTAR 2.0 - (NGSO)

SES-RWL-20211103-01783 E E060399 DISH Broadcasting Corporation
Renewal 12/12/2021 - 12/12/2036
Grant of Authority Date Effective: 11/15/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Gilbert, Arizona
LOCATION: 800 North America Sky Blvd., Maricopa, Gilbert, AZ
33 ° 22 ' 0.60 " N LAT. 111 ° 48 ' 49.20 " W LONG.

ANTENNA ID:	GC3	9 meters	Vertex	9 KPC
6420.0000 - 6422.5000 MHz	750KF2D	73.50 dBW	Digital Data	
6420.0000 - 6422.5000 MHz	82K0F3N	58.40 dBW	Analog SCPC Carrier	
6420.0000 - 6422.5000 MHz	1M00F2D	74.80 dBW	Digital Data	
6109.0000 - 6181.0000 MHz	36M0G7F	77.30 dBW	Compressed Digital Video	
6109.0000 - 6181.0000 MHz	36M0F8F	77.30 dBW	Analog Video	
6109.0000 - 6181.0000 MHz	750KF2D	73.50 dBW	Digital Data	
6109.0000 - 6181.0000 MHz	82K0F3N	58.40 dBW	Analog SCPC Carrier	
6109.0000 - 6181.0000 MHz	1M00F2D	74.80 dBW	Digital Data	
6040.0000 - 6077.0000 MHz	36M0G7F	77.30 dBW	Compressed Digital Video	
6040.0000 - 6077.0000 MHz	36M0F8F	77.30 dBW	Analog Video	

6040.0000 - 6077.0000 MHz	750KF2D	73.50 dBW	Digital Data
6040.0000 - 6077.0000 MHz	82K0F3N	58.40 dBW	Analog SCPC Carrier
6040.0000 - 6077.0000 MHz	1M00F2D	74.80 dBW	Digital Data
6020.0000 - 6028.0000 MHz	750KF2D	73.50 dBW	Digital Data
6020.0000 - 6028.0000 MHz	82K0F2N	58.40 dBW	Analog SCPC Carrier
6020.0000 - 6028.0000 MHz	1M00F2D	74.80 dBW	Digital Data
5961.0000 - 5988.0000 MHz	82K0F3N	58.40 dBW	Analog SCPC Carrier
5961.0000 - 5988.0000 MHz	750KF2D	73.50 dBW	Digital Data
5961.0000 - 5988.0000 MHz	1M00F2D	74.80 dBW	Digital Data
5925.0000 - 5929.0000 MHz	750KF2D	73.50 dBW	Digital Data
5925.0000 - 5929.0000 MHz	82K0F3N	58.40 dBW	Analog SCPC Carrier
5925.0000 - 5929.0000 MHz	1M00F2D	74.80 dBW	Digital Data
3700.0000 - 4200.0000 MHz	36M0G7F		Compressed Digital Video
3700.0000 - 4200.0000 MHz	36M0F8F		Analog Video
3700.0000 - 4200.0000 MHz	750KF2D		Digital Data
3700.0000 - 4200.0000 MHz	82K0F3N		Analog SCPC Carrier
3700.0000 - 4200.0000 MHz	1M00F2D		Digital Data

Points of Communication:

Gilbert, Arizona - PERMITTED LIST - ()

SES-RWL-20211105-01798 E E060388 Intelsat License LLC, as debtor-in-possession
 Renewal 12/05/2021 - 12/05/2036
 Grant of Authority Date Effective: 11/15/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 22401 Juniper Flats Road, Riverside, Nuevo, CA
 33 ° 47 ' 48.10 " N LAT. 117 ° 5 ' 20.10 " W LONG.

ANTENNA ID: 1 16.4 meters VERTEX/RSI 16.4M

5925.0000 - 6425.0000 MHz	72M0G7W	89.90 dBW	Combination of Digital carriers
5925.0000 - 6425.0000 MHz	43K8G7W-	66.60 dBW	Digital Carriers
5925.0000 - 6425.0000 MHz	800KF3D	77.00 dBW	TT&C carrier
5925.0000 - 6425.0000 MHz	36M0F3F	85.40 dBW	Analog Video
3700.0000 - 4200.0000 MHz	72M0G7W		Combination of Digital carriers
3700.0000 - 4200.0000 MHz	43K8G7W		Digital Carriers
3700.0000 - 4200.0000 MHz	800KF3D		TT&C carrier
3700.0000 - 4200.0000 MHz	36M0F3F		Analog video

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20211113-01810 E E860046 AT&T Corp.
 Renewal 01/22/2022 - 01/22/2037
 Grant of Authority Date Effective: 11/15/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 96-1408 WAIHONA PLACE, HONOLULU, PEARL CITY, HI
 21 ° 24 ' 41.60 " N LAT. 157 ° 58 ' 27.10 " W LONG.

ANTENNA ID: 1	13 meters	UNIVERSAL	1130
5925.0000 - 6425.0000 MHz	5M00G7D	71.07 dBW	DIGITAL DATA CARRIER
5925.0000 - 6425.0000 MHz	500KG7D	71.07 dBW	DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	5M00G7D		DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	500KG7D		DIGITAL DATA CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20210825-01595 E Intelsat License LLC, as debtor-in-possession
 Special Temporary Authority
 Grant of Authority Date Effective: 11/12/2021

Class of Station:

On November 12, 2021, Intelsat License LLC, as debtor-in-possession was granted special temporary authority for 30 days, beginning on November 12, 2021, to operate its fixed earth stations in Riverside, Nuevo, CA to communicate with the Galaxy 30 (S3016) satellite at the 125.0° W.L orbital location in the 29525-29975 MHz (Earth-to-space) and 18325-18775 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20210910–01557 E E210102 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority
Date Effective: 11/10/2021

Class of Station:

On November 10, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on November 10, 2021, to operate its fixed gateway earth stations in Ketchikan, AK to communicate with the (NGSO) SpaceX Starlink (S2983/3018) satellite constellation in the 27.5-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20210923–01638 E E210105 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority
Date Effective: 11/10/2021

Class of Station:

On November 10, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on November 10, 2021, to operate its fixed gateway earth stations in New Braunfels, TX to communicate with the (NGSO) SpaceX Starlink (S2983/3018) satellite constellation in the 27.5-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20210924–01648 E E210298 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority
Date Effective: 11/10/2021

Class of Station:

On November 10, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on November 10, 2021, to operate its fixed gateway earth stations in Elbert, CO to communicate with the (NGSO) SpaceX Starlink (S2983/3018) satellite constellation in the 27.5-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20210924–01653 E E190161 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority
Date Effective: 11/10/2021

Class of Station:

On November 10, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on November 10, 2021, to operate its fixed gateway earth stations in Hawthorne, CA to communicate with the (NGSO) SpaceX Starlink (S2983/3018) satellite constellation in the 28350-29100 MHz and 29500-30000 MHz (Earth-to-space), and 17800-18600 MHz, 18800-19300 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20210924–01656 E E190164 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 11/10/2021

Class of Station:

On November 10, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning November 10, 2021, to operate its fixed gateway earth stations located in Conrad, MT to communicate with the (NGSO) SpaceX Starlink (S2983/3018) satellite constellation in the 27.5-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20211109–01802 E E210110 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 11/12/2021

Class of Station:

On November 12, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on November 12, 2021, to operate its fixed earth station in Honolulu, HI with (NGSO) SpaceX Starlink (S2983/3018) satellite constellation in the 14.0-14.5 GHz (Earth-to-space) and 10.7-12.7 GHz (space-to-Earth) frequency bands.

Points of Communication:

SURRENDER

SES-LIC-20191023-01386 E190889 WML Services, LLC

License surrendered by letter filed on November 12, 2021.

SES-LIC-20191023-01387 E190890 WML Services, LLC

License surrendered by letter filed on November 12, 2021.

SES-LIC-20191024-01388 E190891 WML Services, LLC

License surrendered by letter filed on November 12, 2021.

SES-LIC-20191024-01389 E190892 WML Services, LLC

License surrendered by letter filed on November 12, 2021.

SES-LIC-20191024-01390 E190893 WML Services, LLC

License surrendered by letter filed on November 12, 2021.

SES-LIC-20191024-01391 E190894 WML Services, LLC

License surrendered by letter filed on November 12, 2021.

SES-LIC-20191024-01394 E190897 WML Services, LLC

License surrendered by letter filed on November 12, 2021.

SES-LIC-20191024-01395 E190898 WML Services, LLC

License surrendered by letter filed on November 12, 2021.

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