



19300.0000 - 19400.0000 MHz	200MG7D	QPSK, 8PSK, 16PSK, 32PSK and Internet
19300.0000 - 19400.0000 MHz	80M0G7D	QPSK, 8PSK, 16PSK, 32PSK and Internet
17800.0000 - 18600.0000 MHz	200MG7D	QPSK, 8PSK, 16PSK, 32PSK and Internet
17800.0000 - 18600.0000 MHz	80M0G7D	QPSK, 8PSK, 16PSK, 32PSK and Internet

**Points of Communication:**

Plano - O3B-A (S2935) - (NGSO)

**SES-LIC-20210603-00893** E E210117 MCI Communications Services LLC  
 Application for Authority 05/26/2022 - 05/26/2037  
 Grant of Authority Date Effective: 05/26/2022

**Class of Station:** Blanket Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: Plano  
 LOCATION: CONUS, PR, VI

ANTENNA ID: MEO1	1.2 meters	AVL	1270
29500.0000 - 30000.0000 MHz	80M0G7D	64.82 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
29500.0000 - 30000.0000 MHz	200MG7D	64.82 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
28350.0000 - 28600.0000 MHz	200MG7D	64.82 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
28350.0000 - 28600.0000 MHz	80M0G7D	64.82 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
17800.0000 - 18600.0000 MHz	200MG7D		QPSK, 8PSK, 16PSK, 32PSK and Internet
17800.0000 - 18600.0000 MHz	80M0G7D		QPSK, 8PSK, 16PSK, 32PSK and Internet
19300.0000 - 19400.0000 MHz	200MG7D		QPSK, 8PSK, 16PSK, 32PSK and Internet
19300.0000 - 19400.0000 MHz	80M0G7D		QPSK, 8PSK, 16PSK, 32PSK and Internet
19600.0000 - 20200.0000 MHz	200MG7D		QPSK, 8PSK, 16PSK, 32PSK and Internet

19600.0000 - 20200.0000 MHz

80M0G7D

QPSK, 8PSK, 16PSK, 32PSK and Internet

**Points of Communication:**

Plano - O3B-A (S2935) - (NGSO)

**SES-MOD-20210316-00516** E E090001 KVH Industries, Inc.

Application for Modification

12/15/2009 - 12/15/2024

Grant of Authority

Date Effective: 05/26/2022

**Class of Station:** VSAT Network

**Nature of Service:** Earth Stations on-board Vessels, Fixed Satellite Service

SITE ID: ESV NET3

LOCATION: (MOBILE 1.0METER) (250 UNITS), CONUS, HI, AK USTERR

ANTENNA ID: ESV3

1 meters

MELCO

KU-MATE(SX-5300)

14000.0000 - 14500.0000 MHz

36M0G7D

49.00 dBW

DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.

14000.0000 - 14500.0000 MHz

27M0G7D

49.00 dBW

DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.

14000.0000 - 14500.0000 MHz

18M0G7D

49.00 dBW

DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.

11700.0000 - 12200.0000 MHz

36M0G7D

SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE

11700.0000 - 12200.0000 MHz

27M0G7D

SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE

11700.0000 - 12200.0000 MHz

18M0G7D

SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE

11450.0000 - 11700.0000 MHz

36M0G7D

SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE

11450.0000 - 11700.0000 MHz

27M0G7D

SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE

11450.0000 - 11700.0000 MHz	18M0G7D	SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
10950.0000 - 11200.0000 MHz	36M0G7D	SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
10950.0000 - 11200.0000 MHz	27M0G7D	SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
10950.0000 - 11200.0000 MHz	18M0G7D	SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE

SITE ID: ESV NET1

LOCATION: (MOBILE 0.6METER) 3500 UNITS, CARIBBEAN AND COASTAL AREA, CONUS, GM

ANTENNA ID: ESV1	0.6 meters	KVH INDUSTRIES, INC.	TRACPHONE V7
14000.0000 - 14500.0000 MHz	36M0G7D	42.40 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	18M0G7D	42.40 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	27M0G7D	42.40 dBW	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
14000.0000 - 14500.0000 MHz	1M80G7D	41.15 dBW	DATA SERVICES
11700.0000 - 12200.0000 MHz	36M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	18M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	1M80G7D		DATA SERVICES
11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11450.0000 - 11700.0000 MHz	1M80G7D		DATA SERVICES
10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
10950.0000 - 11200.0000 MHz	1M80G7D		DATA SERVICES

SITE ID: ESV NET2  
 LOCATION: (MOBILE 0.37METER) 50 ENTERPRISE CENTER, VARIOUS (1000 UNITS)

ANTENNA ID:	ESV2	0.37 meters	TRACPHONE	V3
14000.0000 - 14500.0000 MHz	36M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.	
14000.0000 - 14500.0000 MHz	27M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.	
14000.0000 - 14500.0000 MHz	18M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.	
14000.0000 - 14500.0000 MHz	6M87G7W	38.02 dBW	Digital Data Services	
11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES	
11700.0000 - 12200.0000 MHz	36M0G7D		DATA SERVICES	
11700.0000 - 12200.0000 MHz	18M0G7D		DATA SERVICES	
11700.0000 - 12200.0000 MHz	5M00G7W		Digital Data Services	
11700.0000 - 12200.0000 MHz	6M87G7W		Digital Data Services	
11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES	
11450.0000 - 11700.0000 MHz	5M00G7W		Digital Data Services	
11450.0000 - 11700.0000 MHz	6M87G7W		Digital Data Services	
10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES	
10950.0000 - 11200.0000 MHz	5M00G7W		Digital Data Services	
10950.0000 - 11200.0000 MHz	6M87G7W		Digital Data Services	
1400.0000 - 14500.0000 MHz	5M00G7W	38.02 dBW	Digital Data Services	

SITE ID: ESV NET4  
 LOCATION: (MOBILE 1.0METER) 50 ENTERPRISE CENTER, VARIOUS (500 UNITS)

ANTENNA ID:	ESV4	1 meters	KVH INDUSTRIES	TRACPHONE V11
	14000.0000 - 14500.0000 MHz	27M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
	14000.0000 - 14500.0000 MHz	36M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
	14000.0000 - 14500.0000 MHz	18M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
	14000.0000 - 14500.0000 MHz	250KG7D	36.94 dBW	Digital Data Services
	11700.0000 - 12200.0000 MHz	36M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11700.0000 - 12200.0000 MHz	18M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11700.0000 - 12200.0000 MHz	250KG7D		Digital Data Services
	11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11450.0000 - 11700.0000 MHz	250KG7D		Digital Data Services
	10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	10950.0000 - 11200.0000 MHz	250KG7D		Digital Data Services

SITE ID: ESV NET5  
 LOCATION: (V30 0.37M. 5000UNITS)

ANTENNA ID:	ESV NET5	0.37 meters	KVH	V30
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14000.0000 - 14500.0000 MHz	36M0G7D	36.95 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	27M0G7D	36.95 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	18M0G7D	36.95 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	6M87G7W	36.95 dBW	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	36M0G7D		Digital Data Services
11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	250KG7D		Digital Data Services
11700.0000 - 12200.0000 MHz	6M87G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	18M0G7D		Digital Data Services
11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11450.0000 - 11700.0000 MHz	5M00G7W		Digital Data Services
11450.0000 - 11700.0000 MHz	250KG7D		Digital Data Services
11450.0000 - 11700.0000 MHz	6M87G7W		Digital Data Services
10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
10950.0000 - 11200.0000 MHz	5M00G7W		Digital Data Services
10950.0000 - 11200.0000 MHz	6M87G7W		Digital Data Services

**Points of Communication:**

ESV NET1 - EUTELSAT174A(S2610) - (174 E. L.)

ESV NET1 - PERMITTED LIST - ()  
 ESV NET2 - EUTELSAT174A(S2610) - (174 E. L.)  
 ESV NET2 - PERMITTED LIST - ()  
 ESV NET3 - EUTELSAT174A(S2610) - (174 E. L.)  
 ESV NET3 - TELSTAR 11N (S2357) - (37.5 W.L.)  
 ESV NET4 - EUTELSAT174A(S2610) - (174 E. L.)  
 ESV NET4 - PERMITTED LIST - ()  
 ESV NET4 - TELSTAR 11N (S2357) - (37.5 W.L.)  
 ESV NET5 - PERMITTED LIST - ()

**SES-RWL-20220413-00407** E E861084 Scripps Broadcasting Holdings LLC  
 Renewal 05/15/2022 - 05/15/2037  
 Grant of Authority Date Effective: 05/27/2022

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1  
 LOCATION: 20777 WEST TEN MILE ROAD, (WXYZ-TV) SOUTHFIELD, OAKLAND, MI 48037, VARIOUS

ANTENNA ID:	1	2.4 meters	ANDREW CORPORATION	203197
14000.0000 - 14500.0000 MHz	18M0F3F-	72.40 dBW	WIDEBAND 36MHZ CARRIER FOR ANALOG VIDEO	
14000.0000 - 14500.0000 MHz	36M0F3F	76.40 dBW	TRANSMISSIONS (MAXIMUM)	
14000.0000 - 14500.0000 MHz	2M00G7W-	58.50 dBW	ONE MBIT MCPC DIGITAL CARRIER FOR	
14000.0000 - 14500.0000 MHz	45M0G7W	72.00 dBW	VIDEO/AUDIO/DATA	
14000.0000 - 14500.0000 MHz	26K0F3E	38.70 dBW	FOUR 26 KHZ CARRIERS FOR AUDIO (SCPC)	

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-RWL-20220414-00408** E E860361 KGO Television, Inc.  
 Renewal 05/15/2022 - 05/15/2037  
 Grant of Authority Date Effective: 05/27/2022

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Domestic Fixed Satellite Service

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SITE ID: 1  
LOCATION: BASE 900 FRONT STREET, VARIOUS

ANTENNA ID:	1	2.4 meters	ANDREW	ESA24VSM
	14000.0000 - 14500.0000 MHz	36M0F3F	76.40 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO/VOICE/DATA
	14000.0000 - 14500.0000 MHz	64K0G7E	42.60 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO/VOICE/DATA
	14000.0000 - 14500.0000 MHz	26K0F3E	38.70 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO/VOICE/DATA
	14000.0000 - 14500.0000 MHz	15M0G7W	66.00 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO/VOICE/DATA
	11700.0000 - 12200.0000 MHz	36M0F3F		DIGITAL MCPC QPSK CARRIER USED FOR VIDEO/VOICE/DATA
	11700.0000 - 12200.0000 MHz	64K0G7E		DIGITAL MCPC QPSK CARRIER USED FOR VIDEO/VOICE/DATA
	11700.0000 - 12200.0000 MHz	26K0F3E		DIGITAL MCPC QPSK CARRIER USED FOR VIDEO/VOICE/DATA
	11700.0000 - 12200.0000 MHz	15M0G7W		DIGITAL MCPC QPSK CARRIER USED FOR VIDEO/VOICE/DATA

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20220418-00406** E E070069 GCI Communication Corp.  
Renewal 05/21/2022 - 05/21/2037  
Grant of Authority Date Effective: 05/27/2022

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: Gustavus, AK  
58 ° 25 ' 6.70 " N LAT. 135 ° 42 ' 28.20 " W LONG.

ANTENNA ID:	1	3.8 meters	Patriot	TXINT-380AZ
	5925.0000 - 6425.0000 MHz	45K0G7W-	48.11 dBW	Phase modulated voice, video, and data services.
	5925.0000 - 6425.0000 MHz	108MG7W	72.32 dBW	Phase modulated voice, video, and data services.
	5925.0000 - 6425.0000 MHz	45K0D7W-	48.11 dBW	Phase and amplitude modulated voice, video, and data service

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5925.0000 - 6425.0000 MHz	108MD7W	72.32 dBW	Phase and amplitude modulated voice, video, and data service
3700.0000 - 4200.0000 MHz	45K0G7W-	0.00 dBW	Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	108MG7W		Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	45K0D7W-		Phase and amplitude modulated voice, video, and data service
3700.0000 - 4200.0000 MHz	108MD7W		Phase and amplitude modulated voice, video, and data service

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20220421-00405**    E E070070    WVEC Television, LLC  
Renewal  
Grant of Authority  
05/23/2022 - 05/23/2037  
Date Effective: 05/27/2022

**Class of Station:**      Temporary Fixed Earth Station

**Nature of Service:**    Domestic Fixed Satellite Service

SITE ID:                1  
LOCATION:                613 WOODIS AVENUE, VARIOUS

ANTENNA ID:    1                            1.2 meters            AVL TECHNOLOGY                            1200

14000.0000 - 14500.0000 MHz            36M0G7W            64.50 dBW            MCPC DIGITAL CARRIER FOR VIDEO/VOICE/DATA.

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20220425-00394**    E E865140    Hearst Stations Inc.  
Renewal  
Grant of Authority  
05/15/2022 - 05/15/2037  
Date Effective: 05/27/2022

**Class of Station:**      Temporary Fixed Earth Station

**Nature of Service:**    Fixed Satellite Service

SITE ID:                1  
LOCATION:                VARIOUS

ANTENNA ID:    1                            1.5 meters            GENERAL DYNAMICS                            C150M

14000.0000 - 14500.0000 MHz            36M0F3F            62.15 dBW            VIDEO WITH ASSOCIATED AUDIO AND DATA SUBCARRIERS

14000.0000 - 14500.0000 MHz	3M50G7F	62.15 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	36M0G7F	62.15 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	12M0F3F	62.15 dBW	VIDEO WITH ASSOCIATED AUDIO AND DATA SUBCARRIERS
11700.0000 - 12200.0000 MHz	3M50G7F		DIGITAL MCPC QPSK CARRIER USED FOR VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	36M0G7F		DIGITAL MCPC QPSK CARRIER USED FOR VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	36M0F3F		VIDEO WITH ASSOCIATED AUDIO AND DATA SUBCARRIERS
11700.0000 - 12200.0000 MHz	12M0F3F		VIDEO WITH ASSOCIATED AUDIO AND DATA SUBCARRIERS

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-RWL-20220425-00401** E E860003 Hearst Stations Inc.

Renewal

06/19/2022 - 06/19/2037

Grant of Authority

Date Effective: 05/27/2022

**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      ANDREW CORPORATION      ESA24SNG-LTE

14000.0000 - 14500.0000 MHz	36M0F8F	73.24 dBW	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
14000.0000 - 14500.0000 MHz	24M0F8F	70.24 dBW	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
14000.0000 - 14500.0000 MHz	24M0G7F	65.10 dBW	PSK DIGITAL VIDEO WITH DIGITAL AUDIO/DATA

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20220425-00402** E E8799 Meinhardt Productions, Inc.  
Renewal 05/08/2022 - 05/08/2037  
Grant of Authority Date Effective: 05/27/2022

**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 ANDREW CORPORATION ESA24SNG-LTE-25

14000.0000 - 14500.0000 MHz 36M0F3F 76.40 dBW

14000.0000 - 14500.0000 MHz 36M0G7W 71.60 dBW

14000.0000 - 14500.0000 MHz 26K0F3E 38.70 dBW

11700.0000 - 12200.0000 MHz

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20220425-00409** E E8046 Hearst Stations Inc.  
Renewal 06/12/2022 - 06/12/2037  
Grant of Authority Date Effective: 05/27/2022

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: VARIOUS

ANTENNA ID: 1 1.45 meters SAT-LIT TECHNOLOGIES 1411 PELORIS SNG

14000.0000 - 14500.0000 MHz 24M0G7F 62.24 dBW PSK DIGITAL VIDEO WITH DIGITAL AUDIO/DATA

14000.0000 - 14500.0000 MHz 3M50D7W 60.21 dBW QAM OR APSK; DIGITAL VIDEO, DIGITAL AUDIO, AND DATA

14000.0000 - 14500.0000 MHz 36M0D7W 65.76 dBW QAM OR APSK; DIGITAL VIDEO, DIGITAL AUDIO, AND DATA

11700.0000 - 12200.0000 MHz 24M0G7F 0.00 dBW PSK DIGITAL VIDEO WITH DIGITAL AUDIO/DATA

11700.0000 - 12200.0000 MHz 3M50D7W QAM OR APSK; DIGITAL VIDEO, DIGITAL AUDIO, AND DATA

11700.0000 - 12200.0000 MHz 36M0D7W QAM OR APSK; DIGITAL VIDEO, DIGITAL AUDIO, AND DATA



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11700.0000 - 12200.0000 MHz      36M0F8W

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20220506-00448**    E E872080    Sinclair Television Media, Inc.  
Renewal      06/19/2022 - 06/19/2037  
Grant of Authority      Date Effective:    05/27/2022

**Class of Station:**      Temporary Fixed Earth Station

**Nature of Service:**    Fixed Satellite Service

SITE ID:            1  
LOCATION:            140 4TH AVE. N. VARIOUS CONUS, KING, SEATTLE, WA

ANTENNA ID:    1                    1.2 meters      AVL CORPORATION      1200 USA  
  
14000.0000 - 14500.0000 MHz      36M0G7W      66.05 dBW      ONE 35 MBIT MCPC DIGITAL  
CARRIER FOR VOICE/DATA

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20220506-00450**    E E872065    WPEC Licensee, LLC  
Renewal      07/10/2022 - 07/10/2037  
Grant of Authority      Date Effective:    05/27/2022

**Class of Station:**      Temporary Fixed Earth Station

**Nature of Service:**    Domestic Fixed Satellite Service

SITE ID:            1  
LOCATION:            VARIOUS

ANTENNA ID:    1                    2.3 meters      ANDREW CORPORATION      ESA23VM-124  
  
14000.0000 - 14500.0000 MHz      25M0F9W      74.00 dBW  
  
14000.0000 - 14500.0000 MHz      36M0G7W      71.60 dBW  
  
11700.0000 - 12200.0000 MHz

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20220506-00451**    E E070108    Graham Media Group, Florida, Inc.  
Renewal      07/25/2022 - 07/25/2037  
Grant of Authority      Date Effective:    05/27/2022

**Class of Station:**      Temporary Fixed Earth Station

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**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION:

ANTENNA ID:	1	1.2 meters	AVL Technology	1210
	14000.0000 - 14500.0000 MHz	36M0G7W	63.90 dBW	One 36 Mbit MCPC digital carrier for voice/data.

**Points of Communication:**

1 - PERMITTED LIST - ()

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<b>SES-RWL-20220506-00452</b>	E	E9462	KUTV Licensee, LLC	
Renewal				06/19/2022 - 06/19/2037
Grant of Authority				Date Effective: 05/27/2022

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 299 SOUTH MAIN - SUITE #150, SALT LAKE CITY, UT

ANTENNA ID:	1	1.5 meters	VERTEX	1.5 SMK
	14000.0000 - 14500.0000 MHz	24M0G7F	62.44 dBW	PSK DIGITAL VIDEO W/DIGITAL AUDIO/DATA
	11700.0000 - 12200.0000 MHz	24M0G7W		PSK DIGITAL VIDEO W/DIGITAL AUDIO/DATA

**Points of Communication:**

1 - PERMITTED LIST - ()

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<b>SES-RWL-20220506-00455</b>	E	E070107	Graham Media Group, Florida, Inc.	
Renewal				07/25/2022 - 07/25/2037
Grant of Authority				Date Effective: 05/27/2022

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION:

ANTENNA ID:	1	1.2 meters	AVL Technology	1210
	14000.0000 - 14500.0000 MHz	36M0G7W	63.90 dBW	One 36 Mbit MCPC digital carrier for voice/data.

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-RWL-20220513-00478**    E E8746    SUNBEAM TELEVISION CORPORATION  
Renewal    06/12/2022 - 06/12/2037  
Grant of Authority    Date Effective:    05/27/2022

**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	2.4DMK
14000.0000 - 14500.0000 MHz		36M0F8F	75.70 dBW	Analog TV FM Modulation Full Trans.
14000.0000 - 14500.0000 MHz		24M0F8F	72.71 dBW	Analog TV FM Modulation Half Trans.
14000.0000 - 14500.0000 MHz		24M0G7F	65.10 dBW	Digital Compressed TV
11700.0000 - 12200.0000 MHz				

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-STA-20220302-00216**    E E181611    Maris Developments  
Special Temporary Authority  
Grant of Authority    Date Effective:    05/25/2022

**Class of Station:**

On May 25, 2022, Maris Developments was granted special temporary authority for 30 days, beginning on May 25, 2022, to operate a 5.4 meter antenna earth station in Boardman, OR to provide telemetry, tracking and control (TT&C) and launch and early orbit phase (LEOP) operations for the Sherpa-AC1 (S3133) satellite in the 2046 MHz, 2047.5 MHz, 2048 MHz, 2050 MHz, 2053 MHz, 2054 MHz, 2056 MHz and 2075 MHz (Earth-to-space), and 8062.5 MHz, 8112.5 MHz, 8162.5 MHz, 8212.5 MHz, and 8262.5 MHz (space-to-Earth) center frequencies.

**Points of Communication:**

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**SES-STA-20220302-00225**    E E202006    Moynk Properties, LLC  
Special Temporary Authority  
Grant of Authority    Date Effective:    05/25/2022

**Class of Station:**

On May 25, 2022, Moynk Properties, LLC was granted special temporary authority for 30 days, beginning on May 25, 2022, to operate a 5.4 meter antenna earth station in Kapolie, HI to provide telemetry, tracking and control (TT&C) and launch and early orbit phase (LEOP) operations for the Sherpa-AC1 (S3133) satellite in the 2046 MHz, 2047.5 MHz, 2048 MHz, 2050 MHz, 2053 MHz, 2054 MHz, 2056 MHz and 2075 MHz (Earth-to-space), and 8062.5 MHz, 8112.5 MHz, 8162.5 MHz, 8212.5 MHz, and 8262.5 MHz (space-to-Earth) center frequencies.

**Points of Communication:**

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**SES-STA-20220302-00227** E E181423 Haras Development

Special Temporary Authority  
Grant of Authority

Date Effective: 05/25/2022

**Class of Station:**

On May 25, 2022, Haras Development was granted special temporary authority for 30 days, beginning on May 25, 2022, to operate a 5.4 meter antenna earth station in Dublin OH to provide telemetry, tracking and control (TT&C) and launch and early orbit phase (LEOP) operations for the Sherpa-AC1 (S3133) satellite in the 2046 MHz, 2047.5 MHz, 2048 MHz, 2050 MHz, 2053 MHz, 2054 MHz, 2056 MHz and 2075 MHz (Earth-to-space), and 8062.5 MHz, 8112.5 MHz, 8162.5 MHz, 8212.5 MHz, and 8262.5 MHz (space-to-Earth) center frequencies.

**Points of Communication:**

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**SES-STA-20220406-00371** E E202173 ATLAS Space Operations, Inc

Special Temporary Authority  
Grant of Authority

Date Effective: 05/26/2022

**Class of Station:**

On May 26, 2022, ATLAS Space Operations, Inc. was granted special temporary authority for 30 days, beginning on July 1, 2022, to operate its 3.7 meter antenna in Utqiagvik, AK to provide a telemetry, tracking and command (TT&C) operations for the NGSO Odyssey CubeSat in the 425 km apogee, 400 km perigee, and 97.4° inclination in the 2097.7 MHz (Earth-to-space), and 2275.9 MHz (space-to-Earth) center frequencies.

**Points of Communication:**

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**SES-STA-20220509-00464** E E220055 RBC Signals, LLC

Special Temporary Authority  
Grant of Authority

Date Effective: 05/25/2022

**Class of Station:**

On May 25, 2022, RBC Signals, LLC was granted special temporary authority for 30 days, beginning on May 25, 2022, to operate a 3.5 meter antenna earth station in Windham, NY to provide telemetry, tracking and control (TT&C) operations for the Sherpa-AC1 (S3133) satellite in the 400.48-400.52 MHz (space-to-Earth) frequency band and 400.5 MHz (space-to-Earth) center frequency, and 402.88-402.92 MHz (Earth-to-space) frequency band and 402.9 MHz (Earth-to-space) center frequency.

**Points of Communication:**

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**SES-STA-20220509-00466** E E220056 RBC Signals, LLC

Special Temporary Authority  
Grant of Authority

Date Effective: 05/25/2022

**Class of Station:**

On May 25, 2022 RBC Signals, LLC ("RBC Signals") was granted authority to operate 3.57 meter antenna of fixed earth station in Deadhorse, AK at 70° 12' 43.1" N/148° 26' 13.7" W under STA for 30 days, commencing May 25, 2022, to provide telemetry tracking and command ("TT&C") functions for the satellite Sherpa-AC1 (Call Sign S3133) TT&C will be provided with the following frequencies: 402.88-402.92 MHz (Earth-to-space) and 400.48-400.52 MHz (space-to-Earth).

**Points of Communication:**

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**SES-STA-20220509-00470** E RBC Signals, LLC

Special Temporary Authority  
Grant of Authority

Date Effective: 05/25/2022

**Class of Station:**

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On May 25, 2022 RBC Signals, LLC ("RBC Signals") was granted authority to operate 4.5 meter antenna of fixed earth station in Deadhorse, AK at 70° 12' 44.6" N/148° 24' 29." W under STA for 30 days, commencing May 25, 2022, to provide telemetry tracking and command ("TT&C") functions for the satellite Sherpa-AC1 (Call Sign S3133) TT&C will be provided with the following frequencies: 2045.85-2075.15 MHz (Earth-to-space).

**Points of Communication:**

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**SURRENDER**

<b>SES-MOD-20180615-01525</b>	E170186	Comcast Cable Communications Management, LLC
Registration surrendered by letter on 5/26/2022		
<b>SES-REG-20180703-01973</b>	E181218	Comcast Cable Communications Management, LLC
Registration surrendered by letter filed on 5/26/2022		
<b>SES-REG-20180803-02646</b>	E181703	Comcast Cable Communications Management, LLC
Registration surrendered by letter on 5/26/2022		
<b>SES-REG-20180809-02655</b>	E181712	Comcast Cable Communications Management, LLC
Registration surrendered by letter on 5/26/2022		
<b>SES-REG-20180809-03451</b>	E182017	Comcast Cable Communications Management, LLC
Registration surrendered by letter on 5/26/2022		
<b>SES-REG-20210211-00312</b>	E181703A	Comcast Cable Communications Management, LLC
Registration surrendered by letter on 5/26/2022		
<b>SES-REG-20210211-00319</b>	E181218A	Comcast Cable Communications Management, LLC
Registration surrendered by letter on 5/26/2022		
<b>SES-RWL-20200220-00167</b>	E2043	Comcast of New Mexico/Pennsylvania, LLC
Registration surrendered by letter on 5/26/2022		

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