PUBLIC NOTICE

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Report No. SES-02557 **Wednesday April 12, 2023**

Satellite Communications Services

re: Satellite Earth Station Applications Accepted For Filing

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

SES-LIC-20220907-00942 E E220134 Intelsat License LLC
Application for Authority
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Intelsat seeks authority for a new 9 meter fixed Earth station in Ellenwood, Georgia to communicate with Galaxy 33 and Permitted List satellites.

SITE ID: 1
LOCATION: 2875 Fork Creek Church Road, Dekalb, Ellenwood, GA
33 ° 39 ' 51.19 " N LAT. 84 ° 16 ' 20.16 " W LONG.

ANTENNA ID: ATL-K05 9 meters CPI Satcom 9.0 KXK

14000.0000 - 14500.0000 MHz	140MG7W	90.00 dBW	Digital data
14000.0000 - 14500.0000 MHz	1M00G7W	70.00 dBW	Digital data
11700.0000 - 12200.0000 MHz	56K0G7W		Digital data
11700.0000 - 12200.0000 MHz	72M0G7W		Digital data
13750.0000 - 14000.0000 MHz	140MG7W	84.40 dBW	Digital data
13750.0000 - 14000.0000 MHz	4M00G7W	69.00 dBW	Digital data

Points of Communication:

1 - OTHER -

1 - PERMITTED LIST - ()

SES-LIC-20230327-00419 E E230047 WML Services, LLC
Application for Authority
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Antenna 20
LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 2.80 " N LAT. 84 ° 23 ' 41.60 " W LONG.

ANTENNA ID: 1 15.5 meters RSI UAD 15.5

5925.0000 - 6425.0000 MHz 36M0G7F 76.75 dBW 8PSK, QPSK, digital video, 16APSK

Points of Communication:

Antenna 20 - INTELSAT 11 (S2237) - (43.0 W.L.)

Antenna 20 - PERMITTED LIST - ()

SES-LIC-20230327-00420 E E230048 WML Services, LLC
Application for Authority
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Antenna 16
LOCATION: 7200 Campbellton Road, Fulton, Atlanta, GA
33 ° 41 ' 24.60 " N LAT. 84 ° 37 ' 20.30 " W LONG.

ANTENNA ID: 1 9.1 meters Viasat 8009A

5925.0000 - 6425.0000 MHz 36M0G7F 75.78 dBW 8PSK, QPSK, digital video, 16APSK

Points of Communication:

Antenna 16 - PERMITTED LIST - ()

SES-MOD-20230310-00271 E E2305 Alascom, Inc.
Application for Modification
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Alascom, Inc. requests modification of its fixed earth station in Mountain Village, AK to add and change emission designators, and to correct the geographic coordinates.

SITE ID: 1
LOCATION: NSN WILSON ROAD, MOUNTAIN VILLAGE, AK
62 ° 5 ' 15.70 " N LAT. 163 ° 43 ' 37.10 " W LONG.

ANTENNA ID: 1 6.8 meters ANDREW CORPORATION ESA45-39239

5925.0000 - 6425.0000 MHz	29K0G7W	52.10 dBW	PSK & QAM - VOICE AND DATA
5925.0000 - 6425.0000 MHz	5M00G7W	57.16 dBW	PSK & QAM - VOICE AND DATA
3700.0000 - 4200.0000 MHz	29K0G7W		PSK & QAM - VOICE AND DATA
3700.0000 - 4200.0000 MHz	5M00G7W		PSK & QAM - VOICE AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20230314-00284 E E2195 Alascom, Inc.
Application for Modification
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Alascom, Inc. requests modification of its fixed earth station in Pilot Station, AK to add and change emission designators, and to correct the geographic coordinates.

SITE ID: 1
LOCATION: NSN YUPIK WAY, PILOT STATION, AK
61 ° 50 ' 20.40 " N LAT. 162 ° 52 ' 46.90 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA45-39239

5925.0000 - 6425.0000 MHz	29K0G7W	52.10 dBW	PSK & QAM - VOICE AND DATA
5925.0000 - 6425.0000 MHz	5M00G7W	57.16 dBW	PSK & QAM - VOICE AND DATA
3700.0000 - 4200.0000 MHz	29K0G7W		PSK & QAM - VOICE AND DATA
3700.0000 - 4200.0000 MHz	5M00G7W		PSK & QAM - VOICE AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20230315-00335 E E980179 Ligado Networks Subsidiary LLC
Application for Modification
Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

Ligado Networks Subsidiary LLC seeks to modify its existing blanket mobile earth terminal license to add two new terminals, IoT module 1 and Handheld 1, with new waveform designators and polarization. These terminals will communicate with the Skyterra satellite at the 101.3 W.L. orbital location and the AMSC-1 satellite at the 106.7 W.L. orbital location in the 1626.5-1660.5 MHz (Earth-to-space), and 1525-1559 MHz (space-to-Earth) frequency bands.

SITE ID: 1
LOCATION: 100,000 Full-duplex METs & "EMS" half-duplex data METs, VARIOUS

ANTENNA ID:	A2	0 meters	WESTINGHOUSE / WEC Contour Dome		CD-JL01003, D-1000
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1525.0000 - 1559.0000 MHz		5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
	1525.0000 - 1559.0000 MHz		5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A3	0.92 meters	WESTINGHOUSE / WEC Fixed Site (0.92 m)		CD-JL01083, F-1000
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1525.0000 - 1559.0000 MHz		5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
	1525.0000 - 1559.0000 MHz		5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A4	0.76 meters	WESTINGHOUSE / WEC Fixed Site (0.76 m)		CD-JL01083, F-1000
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A5 0 meters WESTINGHOUSE / WEC Maritime Contour Dome CD-JL01003-G02

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)

ANTENNA ID: D3 0 meters NARROWBAND / Narrowband Mobile MDT 1000

1626.5000 - 1660.5000 MHz	5K00G7D	16.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1626.5000 - 1660.5000 MHz	5K00G7D	16.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DRr-data or MT-DRd-data)
1525.0000 - 1559.0000 MHz	5K00G7D		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)

ANTENNA ID:	D4	0 meters	EATON/ Eaton Mobile		SCM
	1626.5000 - 1660.5000 MHz		5K00G7D	16.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
	1626.5000 - 1660.5000 MHz		5K00G7D	16.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DRr-data or MT-DRd-data)
	1525.0000 - 1559.0000 MHz		5K00G7D		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID:	A1	0 meters	WESTINGHOUSE / WEC Mast		CD-JL01080, P-1000
	1626.5000 - 1660.5000 MHz		5K00G7W	12.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz		5K00G7W	12.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1626.5000 - 1660.5000 MHz		5K00G7W	12.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1525.0000 - 1559.0000 MHz		5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
	1525.0000 - 1559.0000 MHz		5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A6	1.2 meters	WESTINGHOUSE / WEC Mult. Fixed Site		F-1000MC
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)

1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A7	0.46 meters	WESTINGHOUSE / KVH SC Maritime		M-1015, D-100HF
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A8	0 meters	MITSUBISHI / MELCO Dome		AU200A, ST-111D
1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A9	0.6 meters	MITSUBISHI / MELCO Fixed Site		AU500A, ST-121

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A10 0.35 meters MITSUBISHI / MELCO Briefcase ST151

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A11 0.25 meters MITSUBISHI / MELCO Omniquest ST251

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A19 0 meters WEC D-1000MH MARITIME DOME CDJL01003-G02

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A20 0 meters MITSUBISHI / MELCO DOME AU201A, ST-211D

1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1559.0000 MHz	5K00G7W	15.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)

1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A21	0.6 meters	MITSUBISHI / MELCO Fixed		AU601A,ST-221
1626.5000 - 1660.5000 MHz	5K00G7W		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W		16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W		16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A22	0.3 meters	KVH TRACPHONE		AU900A, ST131
1626.5000 - 1660.5000 MHz	5K00G7W		11.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W		11.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W		11.00 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A23	0 meters	MITSUBISHI / MELCO MAST		AU110A,ST111
1626.5000 - 1660.5000 MHz	5K00G7W		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A12 0 meters CAL / Calquest CQ100

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A13 0 meters MITSUBISHI / MELCO Transportation Dome AU400A

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: D1	0 meters	WESTINGHOUSE / WEC Contour Dome		CD-JL01003
1626.5000 - 1660.5000 MHz	5K00G7D		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1626.5000 - 1660.5000 MHz	5K00G7D		16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DRr-data or MT-DRd-data)
1525.0000 - 1559.0000 MHz	5K00G7D			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID: D2	0.415 meters	NARROWBAND / Narrowband Fixed Site		RST 2000
1626.5000 - 1660.5000 MHz	5K00G7D		13.80 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1626.5000 - 1660.5000 MHz	5K00G7D		13.80 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DRr-data or MT-DRd-data)
1525.0000 - 1559.0000 MHz	5K00G7D			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID: D5		EMS / Packet Data / half duplex		PDT-100
1626.5000 - 1660.5000 MHz	5K00G7D		11.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7D		11.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7D			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)

1525.0000 - 1559.0000 MHz	5K00G7D			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A14	0.46 meters	MITSUBISHI / MELCO Omniquest Fixed		OQFAU, ST251
1626.5000 - 1660.5000 MHz	5K00G7W		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W		16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W		16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		0.00 dBW	TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		0.00 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A15	0.85 meters	MITSUBISHI / MELCO Fixed		AU601B,ST221M
1626.5000 - 1660.5000 MHz	5K00G7W		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W		16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W		16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A16	0.46 meters	EMS/GETS		0955-A-0100
1626.5000 - 1660.5000 MHz	5K00G7W		17.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1626.5000 - 1660.5000 MHz	5K00G7W	17.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	17.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A17 0.46 meters WESTINGHOUSE/WEC M-1075 MARITIME M-1075, D-100HF

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A18 0 meters WESTINGHOUSE/WEC D DOME CD-JL01003, .D-1000H

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A24 0.274 meters HUGHES NETWORK SYSTEMS MSAT-G2

1626.5000 - 1660.5000 MHz	5K00G7W	16.00 dBW	FDMA communications channel (voice or data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data)

SITE ID: 2

LOCATION: 100,000 terminals, IoT module 1, CONUS, HI AK,PR,USVI

ANTENNA ID: IoTmodule1 0.2 meters VARIOUS VARIOUS

1626.5000 - 1660.5000 MHz	15K0G7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	90K0G7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	5M00G7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	45K0G7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	3K75G7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	200KG7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	1M40G7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	1M08G7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	180KG7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	10M0G7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1525.0000 - 1559.0000 MHz	9M00G7W		Packet Switched Services using QPSK/16QAM Modulation
1525.0000 - 1559.0000 MHz	5M00G7W		Packet Switched Services using QPSK/16QAM Modulation

1525.0000 - 1559.0000 MHz	4M50G7W		Packet Switched Services using QPSK/16QAM Modulation
1525.0000 - 1559.0000 MHz	1M40G7W		Packet Switched Services using QPSK/16QAM Modulation
1525.0000 - 1559.0000 MHz	1M08G7W		Packet Switched Services using QPSK/16QAM Modulation
1525.0000 - 1559.0000 MHz	180KG7W		Packet Switched Services using QPSK/16QAM Modulation
1525.0000 - 1559.0000 MHz	10M0G7W		Packet Switched Services using QPSK/16QAM Modulation

SITE ID: 3
LOCATION: 100,000 terminals, Handheld1 1, CONUS, HI AK,PR,USVI

ANTENNA ID: Handheld1 0.1 meters VARIOUS VARIOUS

1626.5000 - 1660.5000 MHz	90K0G7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	5M00G7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	45K0G7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	3K75G7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	200KG7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	1M40G7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	1M08G7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	15K0G7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	10M0G7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	180KG7W	0.00 dBW	Packet Switched Services using BPSK/QPSK/16QAM Modulation
1525.0000 - 1559.0000 MHz	9M00G7W		Packet Switched Services using QPSK/16QAM Modulation
1525.0000 - 1559.0000 MHz	5M00G7W		Packet Switched Services using QPSK/16QAM Modulation

1525.0000 - 1559.0000 MHz	4M50G7W	Packet Switched Services using QPSK/16QAM Modulation
1525.0000 - 1559.0000 MHz	1M40G7W	Packet Switched Services using QPSK/16QAM Modulation
1525.0000 - 1559.0000 MHz	1M08G7W	Packet Switched Services using QPSK/16QAM Modulation
1525.0000 - 1559.0000 MHz	180KG7W	Packet Switched Services using QPSK/16QAM Modulation
1525.0000 - 1559.0000 MHz	10M0G7W	Packet Switched Services using QPSK/16QAM Modulation

Points of Communication:

1 - MSAT-1 - (106.5 W.L.)

1 - MSAT-2 (AMSC-1) - (106.5 W.L.)

1 - SKYTERRA 1 - (101.3 W.L.)

2 - AMSC 1 - (107.5 W.L.)

2 - SKYTERRA 1 - (101.3 W.L.)

3 - AMSC 1 - (107.5 W.L.)

3 - SKYTERRA 1 - (101.3 W.L.)

SES-MOD-20230315-00337 E E930367 Ligado Networks Subsidiary LLC

Application for Modification

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

Ligado Networks Subsidiary LLC seeks to modify its existing blanket mobile earth terminal license to add two new terminals, IoT module 1 and Handheld 1, with new waveform designators and polarization. These terminals will communicate with the Skyterra satellite at the 101.3 W.L. orbital location and the AMSC-1 satellite at the 106.7 W.L. orbital location in the 1626.5-1660.5 MHz (Earth-to-space), and 1525-1559 MHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: 100,000 Full-duplex METs & "EMS" half-duplex data METs, CONUS, AK, HI, PR, V

ANTENNA ID: A1 WESTINGHOUSE/WEC Mast CD-JL01080, P-1000

1626.5000 - 1660.5000 MHz	5K00G7W	12.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	12.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

1626.5000 - 1660.5000 MHz	5K00G7W	12.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A10 0.35 meters MITSUBISHI/MELCO Briefcase ST151

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A11 0.25 meters MITSUBISHI/MELCO Omniquest ST251

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)

1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A12		CAL / Calquest		CQ100
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A13		MITSUBISHI/MELCO Transportable Dome		AU400A
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A14	0.46 meters	MITSUBISHI/MELCO Omniquest Fixed		OQFAU, ST251

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A15 0.85 meters MITSUBISHI/MELCO Fixed AU601B,ST221M

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A16 0.46 meters EMS/GETS 0955-A-0100

1626.5000 - 1660.5000 MHz	5K00G7W	17.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	17.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

1626.5000 - 1660.5000 MHz	5K00G7W	17.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A17 | 0.46 meters | WESTINGHOUSE/WEC M-1075 MARITIME | M-1075,D-100HF

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A18 | 0 meters | WESTINGHOUSE WEC D DOME | CD-JL01003,.D-1000H

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)

1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A19 0 meters WEC D-1000MH MARITIME DOME CDJL01003-G02

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A2 WESTINGHOUSE/WEC Contour Dome CD-JL01003, D-1000

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A20 MITSUBISHI/MELCO DOME AU201A, ST-211D

1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A21 0.6 meters MITSUBISHI/MELCO Fixed AU601A,ST-221

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A22 0.3 meters KVH TRACPHONE AU900A,ST131

1626.5000 - 1660.5000 MHz	5K00G7W	11.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	11.00 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	11.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)

1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A23		MITSUBISHI/MELCO MAST		AU110A,ST111
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A3	0.92 meters	WESTINGHOUSE/WEC Fixed Site(0.92m)		CD-JL01083, F-1000
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID:	A4	0.76 meters	WESTINGHOUSE/WEC Fixed Site(0.76m)		CD-JL01083, F-1000
1626.5000 - 1660.5000 MHz		5K00G7W		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz		5K00G7W		16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz		5K00G7W		16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz		5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz		5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A5		WESTINGHOUSE/WEC Maritime Contour Dome		CD-JL01003-G02
1626.5000 - 1660.5000 MHz		5K00G7W		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz		5K00G7W		16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz		5K00G7W		16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz		5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz		5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A6	1.2 meters	WESTINGHOUSE/WEC Mult.Fixed Site		F-1000MC
1626.5000 - 1660.5000 MHz		5K00G7W		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A7 0.46 meters WESTINGHOUSE/KVH SC Maritime M-1015, D-100HF

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A8 MITSUBISHI/MELCO Dome AU200A, ST-111D

1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)

1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A9	0.6 meters	MITSUBISHI/MELCO Fixed Site		AU500A,ST-121
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: D1		WESTINGHOUSE/WEC Contour Dome		CD-JL01003
1626.5000 - 1660.5000 MHz	5K00G7D	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1626.5000 - 1660.5000 MHz	5K00G7D	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DRr-data or MT-DRd-data)
1525.0000 - 1559.0000 MHz	5K00G7D			TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID: D2	0.415 meters	NARROWBAND/Narrowband Fixed Site		RST 2000
1626.5000 - 1660.5000 MHz	5K00G7D	13.80 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)

1626.5000 - 1660.5000 MHz	5K00G7D	13.80 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DRr-data or MT-DRd-data)
1525.0000 - 1559.0000 MHz	5K00G7D		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)

ANTENNA ID: D3 NARROWBAND/Narrowband Mobile MDT 1000

1626.5000 - 1660.5000 MHz	5K00G7D	16.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1626.5000 - 1660.5000 MHz	5K00G7D	16.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DRr-data or MT-DRd-data)
1525.0000 - 1559.0000 MHz	5K00G7D		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)

ANTENNA ID: D4 EATON/Eaton Mobile SCM

1626.5000 - 1660.5000 MHz	5K00G7D	16.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1626.5000 - 1660.5000 MHz	5K00G7D	16.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DRr-data or MT-DRd-data)
1525.0000 - 1559.0000 MHz	5K00G7D		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)

ANTENNA ID: D5 EMS/Packet Data/half duplex PDT-100

1626.5000 - 1660.5000 MHz	5K00G7D	11.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7D	11.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7D		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)

ANTENNA ID:	IOTMOD1	0.2 meters	VARIOUS	VARIOUS
	1525.0000 - 1559.0000 MHz	5M00G7W		QPSK/16QAM Modulation
	1626.5000 - 1660.5000 MHz	10M0G7W		BPSK/QPSK/16QAM Modulation
	1626.5000 - 1660.5000 MHz	180KG7W		BPSK/QPSK/16QAM Modulation
	1626.5000 - 1660.5000 MHz	1M08G7W		BPSK/QPSK/16QAM Modulation
	1626.5000 - 1660.5000 MHz	1M40G7W		BPSK/QPSK/16QAM Modulation
	1626.5000 - 1660.5000 MHz	3K75G7W		BPSK/QPSK/16QAM Modulation
	1626.5000 - 1660.5000 MHz	45K0G7W		BPSK/QPSK/16QAM Modulation
	1626.5000 - 1660.5000 MHz	90K0G7W		BPSK/QPSK/16QAM Modulation
	1525.0000 - 1559.0000 MHz	10M0G7W		QPSK/16QAM Modulation
	1525.0000 - 1559.0000 MHz	1M08G7W		QPSK/16QAM Modulation
	1525.0000 - 1559.0000 MHz	4M50G7W		QPSK/16QAM Modulation
	1525.0000 - 1559.0000 MHz	9M00G7W		QPSK/16QAM Modulation
	1525.0000 - 1559.0000 MHz	180KG7W		QPSK/16QAM Modulation
	1626.5000 - 1660.5000 MHz	5M00G7W		BPSK/QPSK/16QAM Modulation
	1626.5000 - 1660.5000 MHz	15K0G7W		BPSK/QPSK/16QAM Modulation
	1525.0000 - 1559.0000 MHz	1M40G7W		QPSK/16QAM Modulation
	1626.5000 - 1660.5000 MHz	200KG7W		BPSK/QPSK/16QAM Modulation
ANTENNA ID:	HAND1	0.1 meters	VARIOUS	VARIOUS
	1525.0000 - 1559.0000 MHz	10M0G7W		QPSK/16QAM Modulation
	1525.0000 - 1559.0000 MHz	180KG7W		QPSK/16QAM Modulation
	1525.0000 - 1559.0000 MHz	1M40G7W		QPSK/16QAM Modulation
	1525.0000 - 1559.0000 MHz	5M00G7W		QPSK/16QAM Modulation
	1626.5000 - 1660.5000 MHz	180KG7W		BPSK/QPSK/16QAM Modulation
	1626.5000 - 1660.5000 MHz	10M0G7W		BPSK/QPSK/16QAM Modulation
	1626.5000 - 1660.5000 MHz	1M08G7W		BPSK/QPSK/16QAM Modulation

1626.5000 - 1660.5000 MHz	200KG7W	BPSK/QPSK/16QAM Modulation
1525.0000 - 1559.0000 MHz	1M08G7W	QPSK/16QAM Modulation
1525.0000 - 1559.0000 MHz	4M50G7W	QPSK/16QAM Modulation
1525.0000 - 1559.0000 MHz	9M00G7W	QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	15K0G7W	BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	1M40G7W	BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	3K75G7W	BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	90K0G7W	BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	5M00G7W	BPSK/QPSK/16QAM Modulation
1626.5000 - 1660.5000 MHz	45K0G7W	BPSK/QPSK/16QAM Modulation

Points of Communication:

1 - AMSC 1 - (107.5 W.L.)

1 - MSAT-1 - (107.5)

1 - SKYTERRA 1 - (101.3 W.L.)

SES-MOD-20230323-00372 E E2240 Alascom, Inc.
Application for Modification
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Alascom, Inc. requests modification of its fixed earth station in Toksook, Bay, AK to add and change emission designators, and to correct the geographic coordinates.

SITE ID: 1
LOCATION: NSN-CENTER ST., TOKSOOK BAY, AK
60 ° 31 ' 57.00 " N LAT. 165 ° 6 ' 14.00 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORP. ESA45-46A

5969.0000 - 6047.0000 MHz	29K0G7W	52.10 dBW	PSK & QAM - VOICE AND DATA
6119.0000 - 6186.0000 MHz	29K0G7W	52.10 dBW	PSK & QAM - VOICE AND DATA
6119.0000 - 6186.0000 MHz	4M50G7W	57.16 dBW	PSK & QAM - VOICE AND DATA
6241.0000 - 6319.0000 MHz	29K0G7W	52.10 dBW	PSK & QAM - VOICE AND DATA
6371.0000 - 6425.0000 MHz	29K0G7W	52.10 dBW	PSK & QAM - VOICE AND DATA

6371.0000 - 6425.0000 MHz	4M50G7W	57.16 dBW	PSK & QAM - VOICE AND DATA
5969.0000 - 6047.0000 MHz	4M50G7W	57.16 dBW	PSK & QAM - VOICE AND DATA
6241.0000 - 6319.0000 MHz	4M50G7W	57.16 dBW	PSK & QAM - VOICE AND DATA
3700.0000 - 4200.0000 MHz	29K0G7W		PSK & QAM - VOICE AND DATA
3700.0000 - 4200.0000 MHz	4M50G7W		PSK & QAM - VOICE AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20230323-00398 E E202173 ATLAS Space Operations, Inc
Application for Modification
Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service

ATLAS Space Operations, Inc. requests modification of its fixed earth station in Utqiagvik, AK to add emission designators and frequencies to communicate with the Victus Nox/USMIG-8 satellite in the 2240.6296-2240.7704 MHz (space-to-Earth), and 2068.989922-2069.010078 MHz (Earth-to-space) frequency bands.

SITE ID: BOAQ
LOCATION: North Slope, Utqiagvik, AK
71 ° 16 ' 30.40 " N LAT. 156 ° 48 ' 22.00 " W LONG.

ANTENNA ID: BOAQ-1 3.7 meters Orbit Gaia 100

8225.0000 - 8375.0000 MHz	150MF1D		QPSK Remote Sensing Downlink
2086.8360 - 2086.9640 MHz	128KF1D	52.00 dBW	PCM TT&C Uplink
2240.6296 - 2240.7704 MHz	141KF1D		BPSK DIGITAL DATA
2068.9899 - 2069.0101 MHz	20K2F1D	58.00 dBW	BPSK DIGITAL DATA

Points of Communication:

BOAQ - OTHER -

BOAQ - XR-1 NGSO (S3067) - (NGSO)

SES-MOD-20230324-00400 E E2241 Alascom, Inc.
Application for Modification
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Alascom, Inc. requests modification of its fixed earth station in Tununak, AK to add and change emission designators, and to correct the geographic coordinates.

SITE ID: 1
LOCATION: NSN-2ND AVE, TUNUNAK, AK
60 ° 34 ' 52.00 " N LAT. 165 ° 15 ' 47.70 " W LONG.

ANTENNA ID: 1	4.5 meters	ANDREW CORPORATION	ESA45-46
5925.0000 - 6425.0000 MHz	29K0G7W	52.10 dBW	PSK & QAM- VOICE AND DATA
5925.0000 - 6425.0000 MHz	4M50G7W	57.16 dBW	PSK & QAM- VOICE AND DATA
3700.0000 - 4200.0000 MHz	29K0G7W		PSK & QAM- VOICE AND DATA
3700.0000 - 4200.0000 MHz	4M50G7W		PSK & QAM- VOICE AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

For more information concerning this Notice, contact the Earth Station Licensing Division at (202) 418-0719.