



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02600

Wednesday September 13, 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-20230830-02042 E E230155 AMERICAN FAMILY ASSOCIATION

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Roof

LOCATION: 108 Parkgate Drive, Lee, Tupelo, MS

34 ° 15 ' 25.00 " N LAT.

88 ° 44 ' 51.00 " W LONG.

ANTENNA ID:	2	2.4 meters	Prodelin	1251
	14000.0000 - 14500.0000 MHz	1M50G7W	58.20 dBW	MCPC digital encoded audio and data @ 1.5Mbps, QPSK, 3/4 FEC
	11700.0000 - 12200.0000 MHz	1M50G7W		MCPC digital encoded audio and data @ 1.5Mbps, QPSK, 3/4 FEC

Points of Communication:

Roof - PERMITTED LIST - ()

SES-MFS-20230901-02046 E E210107 Skylo Technologies, Inc

Modification

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

Skylo Technologies Inc requests modification of its mobile earth station to add up to 5.7 million antennas over three new Antenna IDs to communicate with the current licensed satellites, and to communicate with the Permitted List satellites and the DBSD G-1 (S2651) satellite at the 92.85° W.L. orbital location in the 2000-2020 MHz and 1626.5-1660.5 MHz (Earth-to-space), and 1525-1599 MHz and 2180-2200 (space-to-Earth) frequency bands..

SITE ID: SKYLO BLANKET CPE-1
 LOCATION: United States, its territories and possessions, USP

ANTENNA ID:	CPE-1	0.2 meters	SKYLO	n/a	
	1525.0000 - 1559.0000 MHz		15K0GXD	0.00 dBW	NB-IoT M2M Data Traffic Single Carrier QPSK
	1626.5000 - 1660.5000 MHz		15K0GXD	10.00 dBW	NB-IoT M2M Data Traffic Single Carrier QPSK
ANTENNA ID:	1	0.002 meters	VARIOUS	VARIOUS	
	2000.0000 - 2020.0000 MHz		195KG7D	0.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
	2000.0000 - 2020.0000 MHz		195KG7D	0.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
	2000.0000 - 2020.0000 MHz		195KG7D	0.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
	1626.5000 - 1660.5000 MHz		195KG7D	0.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
	1626.5000 - 1660.5000 MHz		195KG7D	0.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
	1525.0000 - 1559.0000 MHz		195KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
	1525.0000 - 1559.0000 MHz		65K0G7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
	1525.0000 - 1559.0000 MHz		65K0G7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
	2180.0000 - 2200.0000 MHz		195KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
	2180.0000 - 2200.0000 MHz		195KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
	2180.0000 - 2200.0000 MHz		65K0G7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
	2180.0000 - 2200.0000 MHz		65K0G7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
	2000.0000 - 2020.0000 MHz		65K0G7D	0.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK

2000.0000 - 2020.0000 MHz	65K0G7D	0.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2000.0000 - 2020.0000 MHz	65K0G7D	0.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1626.5000 - 1660.5000 MHz	65K0G7D	0.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1626.5000 - 1660.5000 MHz	65K0G7D	0.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1525.0000 - 1559.0000 MHz	195KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2180.0000 - 2200.0000 MHz	65K0G7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2180.0000 - 2200.0000 MHz	195KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
ANTENNA ID: 2	0.001 meters	VARIOUS	VARIOUS
2000.0000 - 2020.0000 MHz	65K0G7D	-7.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2000.0000 - 2020.0000 MHz	65K0G7D	-7.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2000.0000 - 2020.0000 MHz	195KG7D	-7.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1626.5000 - 1660.5000 MHz	195KG7D	-7.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1626.5000 - 1660.5000 MHz	195KG7D	-7.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1525.0000 - 1559.0000 MHz	195KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1525.0000 - 1559.0000 MHz	65K0G7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1525.0000 - 1559.0000 MHz	650KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2180.0000 - 22200.0000 MHz	195KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2180.0000 - 2200.0000 MHz	650KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2180.0000 - 2200.0000 MHz	650KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK

2000.0000 - 2020.0000 MHz	195KG7D	-7.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2000.0000 - 2020.0000 MHz	195KG7D	-7.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2000.0000 - 2020.0000 MHz	65K0G7D	-7.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1626.5000 - 1660.5000 MHz	65K0G7D	-7.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1626.5000 - 1660.5000 MHz	65K0G7D	-7.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1525.0000 - 1559.0000 MHz	195KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2180.0000 - 2200.0000 MHz	65K0G7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2180.0000 - 2200.0000 MHz	195KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2180.0000 - 2200.0000 MHz	195KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
ANTENNA ID: 3	5 meters	VARIOUS	VARIOUS
2000.0000 - 2020.0000 MHz	195KG7D	-14.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2000.0000 - 2020.0000 MHz	195KG7D	-14.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2000.0000 - 2020.0000 MHz	195KG7D	-14.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1626.5000 - 1660.5000 MHz	195KG7D	-14.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1626.5000 - 1660.5000 MHz	195KG7D	-14.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1525.0000 - 1559.0000 MHz	195KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1525.0000 - 1559.0000 MHz	65K0G7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1525.0000 - 1559.0000 MHz	65K0G7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2180.0000 - 2200.0000 MHz	195KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK

2180.0000 - 2200.0000 MHz	195KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2180.0000 - 2200.0000 MHz	65K0G7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2180.0000 - 2200.0000 MHz	65K0G7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2000.0000 - 2020.0000 MHz	65K0G7D	-14.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2000.0000 - 2020.0000 MHz	65K0G7D	-14.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2000.0000 - 2020.0000 MHz	65K0G7D	-14.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1626.5000 - 1660.5000 MHz	65K0G7D	-14.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1626.5000 - 1660.5000 MHz	65K0G7D	-14.00 dBW	NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
1525.0000 - 1559.0000 MHz	195KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2180.0000 - 2200.0000 MHz	65K0G7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK
2180.0000 - 2200.0000 MHz	195KG7D		NB-IoT M2M Data Traffic Single Carrier BPSK/QPSK

Points of Communication:

SKYLO BLANKET CPE-1 - DBSD G-1 - (92.85 W.L.)

SKYLO BLANKET CPE-1 - ISAT List -

SKYLO BLANKET CPE-1 - PERMITTED LIST - ()

SKYLO BLANKET CPE-1 - SKYTERRA 1 - (101.3 W.L.)

SES-MOD-20230425-00671 E E220057 RBC Signals, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Fixed Satellite Service

SITE ID: Deadhorse Site #2

LOCATION: 1234 Drill Site Drive Drop Point 4, Deadhorse, AK

70 ° 12 ' 44.60 " N LAT.

148 ° 24 ' 39.50 " W LONG.

ANTENNA ID: 4.5M. 4.5 meters Orbit Gaia-100

2074.8500 - 2075.1500 MHz 300KG1D 44.10 dBW Digital

2055.8500 - 2056.1500 MHz	300KG1D	44.10 dBW	Digital
2052.8500 - 2053.1500 MHz	300KG1D	44.10 dBW	Digital
2049.8500 - 2050.1500 MHz	300KG1D	44.10 dBW	Digital
2047.8500 - 2048.1500 MHz	300KG1D	44.10 dBW	Digital
2045.8500 - 2046.1500 MHz	300KG1D	44.10 dBW	Digital
2074.9840 - 2075.0160 MHz	32K0F1D	56.03 dBW	BPSK Telemetry
2036.1350 - 2058.8650 MHz	480KF1D	56.03 dBW	GFSK, BPSK and GMSK
2074.9500 - 2075.0500 MHz	100KG1D	56.03 dBW	BPSK Telemetry
2055.8500 - 2056.1500 MHz	300KG1D	56.03 dBW	2-GFSK Telemetry Link
2054.7600 - 2055.2400 MHz	480KF1D	56.03 dBW	GFSK, BPSK and GMSK
2052.8500 - 2053.1500 MHz	300KG1D	56.03 dBW	2-GFSK Telemetry Link
2049.8500 - 2050.1500 MHz	300KG1D	56.03 dBW	2-GFSK Telemetry Link
2047.8500 - 2048.1500 MHz	300KG1D	56.03 dBW	2-GFSK Telemetry Link
2045.8500 - 2046.1500 MHz	300KG1D	56.03 dBW	2-GFSK Telemetry Link
2045.0000 - 2050.0000 MHz	5M00G1D	56.03 dBW	GFSK, BPSK, GMSK Telemetry
8154.5450 - 8245.4550 MHz	90M9G1D		256APSK Data Payload
8199.5000 - 8200.5000 MHz	1M00G1D		OQPSK Data Payload
2054.8500 - 2055.1500 MHz	300KG1D	56.03 dBW	GFSK, BPSK, GMSK Telemetry
2074.8500 - 2075.1500 MHz	300KG1D	56.03 dBW	2-GFSK Telemetry Link

Points of Communication:

Deadhorse Site #2 - GHOST (NGSO) - (NGSO)

Deadhorse Site #2 - Sherpa-AC1 - (NGSO)

Deadhorse Site #2 - Starfish Otter Pup - (NGSO)

Deadhorse Site #2 - VIGORIDE-5 (S3144) - (NGSO)

Deadhorse Site #2 - VIGORIDE-6 (S3154) - (NGSO)

SES-STA-20230901-02047 E E220044 WorldVu Satellites Limited
Special Temporary Authority

Class of Station:

WorldVu Satellites Limited requests special temporary authority for 180 days, to operate twenty-five technically identical Viasat 3.7-meter antennas in Paumalu, HI to provide gateway connectivity to their low earth orbit non-geostationary satellite system (S2963) using the 27.5-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

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