Exhibit 2: Earth Station Technical Information for STA Request

GUSA Licensee LLC (together with its parent Globalstar, Inc., ("Globalstar")) is seeking a 60-day extension of its existing Special Temporary Authority ("STA") in order to continue its testing and validation of two new waveforms using its gateway earth station facility at Sebring, Florida. During this 60-day STA extension period, Globalstar also proposes to begin operating a second-generation feeder link antenna under call sign E050100. Under the proposed STA, Globalstar will use this second-generation earth station antenna to test and validate the new waveforms and also to carry commercial mobile satellite service traffic. This antenna will have the following parameters:

File No.:	SES-STA-20200508-00510
Call Sign:	E050100 (SBRG-4)
STA term:	August 30, 2020 to October 29, 2020
Location:	Sebring, Florida
Latitude:	27° 27’ 35.6” N
Longitude:	81° 21’ 26.8” W
Transmit frequency:	5091 – 5250 MHz
Receive frequency:	6875 – 7055 MHz
Polarization:	RHCP & LHCP
Antenna Size:	6 m
Gain:	Tx: 47.5 dBi at 5.150 GHz Rx: 51.2 dBi at 6.975 GHz
Max. antenna height:	28.5 feet above ground level
Necessary Bandwidth:	Transmit bandwidth is 159 MHz Receive bandwidth is 180 MHz Maximum carrier bandwidth is 2.5 MHz Maximum carrier bandwidth for test waveforms is 4.5 MHz for transmit and 200 KHz for receive
Carrier:	See table below, including final four rows for new waveforms

Frequency Band (MHz)	T/R Mode & Polarization	Emission Designator	Maximum EIRP (dBW)	Maximum EIRP Density (dBW/4kHz)	Modulation
5091 - 5092	Tx- LHCP	76K0F2D	68	55.2	FM subcarrier on telecommand carrier
6875.95 – 6877.15	Rx – LHCP	7K00G1D			Telemetry carrier
5096 – 5250	Tx – L/RHCP	1M23XXX	59	34.1	White noise modulated carrier for testing
6900 – 7055	Rx – L/RHCP	1M23XXX			White noise modulated carrier for testing
5096 – 5250	Tx – L/RHCP	N0N	59	59	Unmodulated CW for testing
6900 – 7055	Rx – L/RHCP	N0N			Unmodulated CW for testing
5096 – 5250	Tx – L/RHCP	1M23G7W	55	30.1	CDMA/voice and data
6900 – 7055	Rx – L/RHCP	1M23G7W			CDMA/voice and data
5096 – 5250	Tx – L/RHCP	1M23G2W	55	30.1	CDMA/for single-carrier AMSS.
6900 – 7055	Rx – L/RHCP	1M23G2W			CDMA/for single-carrier AMSS
6900 – 7055	Rx – L/RHCP	2M50G7D			Direct sequence CDMA for single-carrier telemetry data
6900 – 7055	Rx – L/RHCP	2M50G2D			Direct sequence CDMA for single-carrier telemetry data
5096 – 5250	Tx – L/RHCP	2M46G7W	55	27.1	CDMA/voice and data
6900 – 7055	Rx – L/RHCP	2M46G7W			CDMA/voice and data
5096 – 5250	Tx – L/RHCP	2M46G2W	55	27.1	CDMA/for single-carrier AMSS.
6900 – 7055	Rx – L/RHCP	2M46G2W			CDMA/for single-carrier AMSS
5091.38 – 5091.62	Tx- LHCP	40K0G2D	68	58	Telecommand carrier
6875.9 – 6879.1	Rx – LHCP	70K0G7D			Telemetry carrier

5096 – 5250	Tx – L/RHCP	200KG7D	68	51	Burst mode packet data with π/2-BPSK modulation
6900 – 7055	Rx – L/RHCP	20K0G7D			Burst mode packet data with BPSK modulation
5096 – 5250	Tx – L/RHCP	4M50G7D	68	37.5	Burst mode packet data with π/2-BPSK modulation
6900 – 7055	Rx – L/RHCP	200KG7D			Burst mode packet data with BPSK modulation

Maximum EIRP: 68.4 dBW (for all carriers combined)

Maximum EIRP Density: 51 dBW/4 KHz

Satellite: S2115 (U.S.-licensed Globalstar Big LEO MSS system)

Orbital Location: NGSO (1414 km altitude, 52 degree inclination)

Elevation Angle (E/W): 5 degrees to 90 degrees

Azimuth (E/W): 0 degrees to 360 degrees

Satellite: HIBLEO-X GLOBALSTAR 2.0 (French-licensed Globalstar Big LEO MSS system)

Orbital Location: NGSO (1414 km altitude, 52 degree inclination)

Elevation Angle (E/W): 5 degrees to 90 degrees

Azimuth (E/W): 0 degrees to 360 degrees

NOTE: The telecommand / telemetry carrier with designator 40K0G2D/70K0G7D are for GLOBALSTAR 2.0 satellites while the telecommand / telemetry carrier with designator 76K0F2D/7K00G1D are for current Globalstar satellites (Call Sign S2115).

Information on MLS Sites

For the Sebring, Florida, Globalstar gateway site, there are three potential MLS sites, i.e., Category III airports, within the 213 nautical miles transmit co-ordination distance. The Sebring site is located at 27-27-35 N, 81-21-28 W. The airports are:

JAX	Jacksonville International Airport, approximately 182 nautical miles from Sebring
TPA	Tampa International Airport, approximately 70 nautical miles away
MCO	Orlando International Airport, approximately 58 nautical miles away

These sites fall outside the 39.8 nautical mile maximum trigger distance for MLS/MSS coordination. In addition, based on a directory used for MLS coordination purposes, and to the best of its knowledge, Globalstar believes that MLS is not active at any of those sites and will not be active during the requested 60-day STA period.