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 to operate a second-generation feeder link antenna at Globalstar's gateway earth station facility at Wasilla, Alaska. Under the proposed STA extension, Globalstar continue to use this earth station antenna to test and validate a new waveform. Grant of this STA extension will allow Globalstar to operate this earth station antenna while the application for permanent authority for this antenna remains pending. This antenna has the following parameters:

| | |
|---|---|
| File number: | SES-STA-20210721-01263 |
| Call sign: | E050345 (WSL-3) |
| Proposed STA term: | December 15, 2021 – February 13, 2022 |
| Location: | Wasilla, AK |
| Latitude: | 61° 35' 24.9" N |
| Longitude: | 149° 29' 9.6" 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<br>Rx: 51.2 dBi at 6.975 GHz |
| Max. antenna height: | 8.69 meters above ground level |
| Necessary bandwidth: | Transmit bandwidth is 159 MHz<br>Receive bandwidth is 180 MHz<br>Maximum carrier bandwidth is 2.5 MHz<br>Maximum carrier bandwidth for test waveform is 4.5 MHz for transmit and 200 KHz for receive |
| Carrier: | See table below |

| 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 | 4M50G7D | 72.2 | 41.5 | Burst mode packet data with π/2-BPSK modulation |
| 6900 – 7055 | Rx – L/RHCP | 200KG7D | | | Burst mode packet data with BPSK modulation |
| 6900 – 7055 | Rx – L/RHCP | 230KG7D | | | Burst mode packet data with BPSK modulation |
| 6900 – 7055 | Rx – L/RHCP | 280KG7D | | | Burst mode packet data with BPSK modulation |

Maximum EIRP: 72.2 dBW (for all carriers combined)

Maximum EIRP density: 59 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): 10 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): 10 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 Microwave Landing System (MLS) Sites

For GUSA Licensee LLC's (together with its parent Globalstar, Inc., "Globalstar's") gateway site in Wasilla, Alaska, there are four potential Microwave Landing System ("MLS") sites, including two Category III airports (ANC & FAI), within the 213 nautical mile transmit coordination distance. The Wasilla site is located at 61-35-24.9 N, 149-29-9.6 W. The airports are:

| | |
|---|---|
| ANC | Ted Stevens Anchorage International Airport, approximately 29 nautical miles from Wasilla |
| VDZ | Valdez Airport, approximately 97 nautical miles away |
| HOM | Homer Airport, approximately 131 nautical miles away |
| FAI | Fairbanks International Airport, approximately 199 nautical miles away |

Only the ANC airport falls within the 39.8 nautical mile maximum trigger distance for MLS/MSS (Mobile Satellite Service) coordination. Based on a directory used for MLS coordination purposes, and to the best of its knowledge, Globalstar believes that MLS is not active at ANC.