

Exhibit 2: Mobile Earth Station Technical Information

GUSA Licensee LLC (“GUSA”) is seeking Special Temporary Authority to operate the mobile earth stations with the following parameters for communication with GLOBALSTAR 2.0 satellites:

File No.: SES-MFS-20091221-01602 (Call Sign: E970381)

STA term: 180 days

Location or Area of Operation: Continental US, Alaska, Hawaii, Puerto Rico, US Virgin Islands and all US territories and territorial waters

Transmit frequency: 1610-1618.725 MHz

Receive frequency: 2483.5-2500 MHz

Polarization: LHCP

Necessary Bandwidth: Transmit bandwidth is 8.725 MHz  
 Receive bandwidth is 16.5 MHz  
 Maximum carrier bandwidth is 2.5 MHz

Carrier: See table below

**Table 1 Particulars of Operation**

Antenna Id	Frequency Bands (MHz)	<u>T/R Mode &amp; Polarization</u>	Emission Designator	Maximum EIRP per Carrier (dBW)	Maximum EIRP Density per Carrier (dBW/4kHz )	Modulation and Services
Handheld 2	2483.5 -2500	Rx - LHCP	1M23G1W	0	0	CDMA / Voice and Data
Handheld 2	1610 - 1618.725	Tx - LHCP	1M23G1W	0	-24.9	CDMA / Voice and Data
V Mobile 3	2483.5 -2500	Rx - LHCP	1M23G1W	0	0	CDMA / Voice and Data
V Mobile 3	1610 - 1618.725	Tx - LHCP	1M23G1W	4	-20.9	CDMA / Voice and Data
A Fixed 4	2483.5 -2500	Rx - LHCP	1M23G1W	0	0	CDMA / Voice and Data
A Fixed 4	1610 - 1618.725	Tx - LHCP	1M23G1W	4	-20.9	CDMA / Voice and Data

MCM-4	2483.5 -- 2500	Rx - LHCP	1M23G7W	0	0	Direct-sequence CDMA for four- channel voice and data
MCM-4	1610 - 1618.725	Tx - LHCP	1M23G7W	7.5	-17.4	Direct-sequence CDMA for four- channel voice and data
SDVM	2483.5 -2500	Rx - LHCP	1M23G1W	0	0	CDMA / Voice and Data
SDVM	1610 - 1618.725	Tx - LHCP	1M23G1W	4	-20.9	CDMA / Voice and Data
V Mobile 2	2483.5 -2500	Rx - LHCP	1M23G1W	0	0	CDMA / Voice and Data
V Mobile 2	1610 - 1618.725	Tx - LHCP	1M23G1W	5	-19.9	CDMA / Voice and Data
A Fixed 2	2483.5 2500	Rx - LHCP	1M23G1W	0	0	CDMA / Voice and Data
A Fixed 2	1610 - 1618.725	Tx - LHCP	1M23G1W	6.7	-18.2	CDMA / Voice and Data
A Fixed 3	2483.5 -2500	Rx - LHCP	1M23G1W	0	0	CDMA / Voice and Data
A Fixed 3	1610 - 1618.725	Tx - LHCP	1M23G1W	8	-16.9	CDMA / Voice and Data
SDM	2483.5 -2500	Rx - LHCP	1M23G1W	0	0	CDMA / Voice and Data
SDM	1610 - 1618.725	Tx - LHCP	1M23G1W	4.5	-20.4	CDMA / Voice and Data
Handheld	2483.5 -2500	Rx - LHCP	1M23G1W	0	0	CDMA / Voice and Data
Handheld	1610 - 1618.725	Tx - LHCP	1M23G1W	1	-23.9	CDMA / Voice and Data
V Mobile	2483.5 -2500	Rx - LHCP	1M23G1W	0	0	CDMA / Voice and Data
V Mobile	1610 - 1618.725	Tx - LHCP	1M23G1W	8	-16.9	CDMA / Voice and Data
A Fixed	2483.5 -2500	Rx - LHCP	1M23G1W	0	0	CDMA / Voice and Data
A Fixed	1610 - 1618.725	Tx - LHCP	1M23G1W	8	-16.9	CDMA / Voice and Data
Aviation 1	2483.5 -2500	Rx - LHCP	1M23G1W	0	0	Direct-sequence CDMA for single- carrier AMSS
Aviation 1	1610 - 1618.725	Tx - LHCP	1M23G1W	2	-22.9	Direct-sequence CDMA for single- carrier AMSS
Aviation 2	2483.5 -2500	Rx - LHCP	1M23G7W	0	0	Direct-sequence CDMA for multi- carrier air-based or ground-based MSS

Aviation 2	1610 - 1618.725	Tx - LHCP	1M23G7W	2	-15	Direct-sequence CDMA for multi- carrier air-based or ground-based MSS
Telemetry	1610 - 1618.725	Tx - LHCP	2M50G2D	0	-28	Direct-sequence CDMA for single- carrier telemetry data
PTracker	1610 - 1618.725	Tx - LHCP	2M50G2D	-3	-31	Direct-sequence CDMA for single- carrier telemetry data

**Table 2 Antenna Facilities – Quantity, Manufacturer, and Gain**

<b>Antenna Id</b>	<b>Quantity</b>	<b>Manufacturer</b>	<b>Model</b>	<b>Antenna Gain Transmit and/or Recieve( ____dBi at ____GHz)</b>
Handheld 2	150000	Telex for Qualcomm	GSP-1700	4.0 dBi at 1.6183
V Mobile 3	100000	Tecom for Richardson Electronics	Vehicular Mobile 3	5.0 dBi at 1.6183
A Fixed 4	25000	Richardson Electronics	Ancillary Fixed 4	5.0 dBi at 1.6183
MCM-4	1000	Tecom for Richardson Electronics	MCM-4	5.0 dBi at 1.6183
SDVM	50000	Tecom for Richardson Electronics	GSP-1720	5.0 dBi at 1.6183
V Mobile 2	30000	Qualcomm	GCK-1410	7.0 dBi at 1.6183
A Fixed 2	5000	Qualcomm	GSP-2900	7.0 dBi at 1.6183
A Fixed 3	5000	Ericsson	FAU-200	4.0 dBi at 1.6183
SDM	4000	Qualcomm	GSP-1620	7.0 dBi at 1.6183
Handheld	300000	Telex Communications, Inc. for Qualcomm	GSP-1600	3.0 dBi at 1.6183
V Mobile	175000	Telex Communications, Inc. for Qualcomm	Vehicular Mobile	4.0 dBi at 1.6183
A Fixed	25000	Telex Communications, Inc. for Qualcomm	Ancillary Fixed	4.0 dBi at 1.6183
Aviation 1	5000	ARNAV	RCOM-100	5.0 dBi at 1.6169
Aviation 2	5000	Qualcomm	MDSS	5.0 dBi at 1.6169
Telemetry	490000	AeroAstro	SRT	4.0 dBi at 1.6169
PTracker	250000	Axxon	SPOT	5.0 dBi at 1.615

**Table 3 Antenna Facilities - Radiated Power, Antenna Height**

<b>Antenna Id</b>	<b>Above Ground Level(meters)</b>	<b>Total Input Power at antenna flange(Watts)</b>	<b>Total EIRP for all carriers(dBW)</b>
Handheld 2	1.83	0.4	0
V Mobile 3	0.9	0.79	4
A Fixed 4	6.1	0.79	4
MCM-4	20000	1.78	7.5
SDVM	500	0.79	4
V Mobile 2	0.9	0.63	5
A Fixed 2	6.1	0.93	6.7
A Fixed 3	6.1	2.5	8
SDM	500	0.56	4.5
Handheld	1.83	0.63	1
V Mobile	0.9	2.5	8
A Fixed	6.1	2.5	8
Aviation 1	20000	0.5	2
Aviation 2	20000	3.1	9.9
Telemetry	6	0.4	0
PTracker	2.5	0.16	-3

**Point of Communications**

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 (Pending France-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