

Exhibit 2: Earth Station Technical Information

Globalstar Carribean, LLC (“GCL”) is seeking Special Temporary Authority to operate the Globalstar gateway earth station at Cabo Rojo, PR, USA, with the following parameters:

File Nos. / Call Signs:	SES-MFS-20091221-01603 / E990337 (LPMA-1) SES-MFS-20091221-01604 / E990336 (LPMA-2) SES-MFS-20091221-01605 / E990335 (LPMA-3) SES-MFS-20091221-01606 / E050237 (LPMA-4)
STA term:	60 days
Location:	Cabo Rojo, PR, USA
Latitude:	17° 58’ 49” N (17° 58’ 48” N to 17° 58’ 50” N for LPMA-1 through LPMA-4)
Longitude:	67° 8’ 13.5” W (67° 8’ 12” W to 67° 8’ 15” W for LPMA-1 through LPMA-4)
Transmit frequency:	5091 – 5250 MHz
Receive frequency:	6875 – 7055 MHz
Polarization:	RHCP & LHCP
Antenna Size:	5.5 m
Gain:	Tx: 47.6 dBi at 5.150 GHz Rx: 50.2 dBi at 6.975 GHz
Max. antenna height:	27 feet above ground level
Necessary Bandwidth:	Transmit bandwidth is 159 MHz Receive bandwidth is 180 MHz Maximum carrier bandwidth is 2.5 MHz
Carrier:	See table below

<u>Frequency Band (MHz)</u>	<u>T/R Mode & Polarization</u>	<u>Emission Designator</u>	<u>Maximum EIRP (dBW)</u>	<u>Maximum EIRP Density (dBW/4kHz)</u>	<u>Modulation</u>
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	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

Maximum EIRP: 68 dBW (for all carriers combined)

Maximum EIRP Density: 59 dBW/MHz

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

Information on Microwave Landing System (MLS) Sites

For the Finca Pascual, Las Palmas, Cabo Rojo, Puerto Rico, Globalstar gateway site, there is one potential MLS site, i.e., Category III airport, within the 200 nautical mile transmit coordination distance. The Las Palmas site is located at (NAD 83) 17-58-42 N, 67-08-12 W. The airport is:

SJU	San Juan Luis Muñoz Marin International Airport, approximately 69 nautical miles from Las Palmas
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This airport site is located near San Juan in Carolina, Puerto Rico, and falls 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 Caribbean Ltd., believes that MLS is not active at this airport.