

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

By this application, MX1, Inc. respectfully requests special temporary authority (“STA”) for a period of 30 days, starting immediately, on 02/18/2020, to continue the services out of the earth station with call sign # E950055 (File # SES-MOD-20070212-00225). The earth station license expired on 1/27/2020 through inadvertent oversight mainly due to the administrative changes in the organization and STA is required in order to continue the services offered from the earth station to avoid any non-compliance of Commissions regulations while the license reinstatement application is filed and processed.

The earth station will communicate with Intelsat-21 in the Commission’s Permitted Space Stations list and located at orbital position 58deg W longitude. The carriers in the C-band frequency will be operated within the EIRP limit and emission designations as specified in the license granted for the earth station. Also, the earth station will be operated in compliance with the Commission’s radiation hazard limits as well.

Site Details

Contact Information:

Mike Stitt
+1 570 226 1295

Address:

Kimbles Rd, Hawley
Pike, PA

Geographic Coordinates:

Latitude: 41⁰ 27’49.3” N

Longitude: 75⁰ 7’47.7” W

Site Elevation:

270.4 meters

Antenna Details

Antenna ID:	1
Manufacture/Model:	STI/9.2m Casegrain
Antenna Size:	9.2 meters
Antenna Gain Transmit:	53.0 dBi at 6.000 GHz
Antenna Gain Receive:	50.0 dBi at 4.000 GHz

Carrier information in compliance with the license granted for the earth station

Frequency (MHz)	Tx/Rx	Polarization	Emissions Designator	Max EIRP per Carrier (dBW)	Max EIRP Density per Carrier (dBW/4kHz)
6423.5-6423.5	T	H, V	822KF3D	77.7	55.4
6423.5-6423.5	T	H, V	456KF3X	77.7	57.9
6422.0-6422.0	T	H, V	2M80F2D	75.8	70.5
6422.0- 6422.0	T	H, V	2M70F3X	75.8	70.7
5928.0-5928.0	T	H, V	2M80F2D	75.8	70.5
5928.0-5928.0	T	H, V	2M70F3X	75.8	70.7
5926.5-5926.5	T	H, V	822KF3D	77.7	55.4
5926.5-5926.5	T	H, V	456KF3X	77.7	57.9
5925.0-6425.0	T	H, V	32M4F8W	80.0	53.0
5925.00-6425.0	T	H, V	31M0G7W	84.1	46.0
5925.0-6425.0	T	H, V	1M24G7W	70.1	46.0
5925.0-6425.0	T	H, V	44K8G7W	55.7	46.0
5925.0-6425.0	T	H, V	38K4G7W	55.0	46.0
3700.0-4200.0	R	H, V	225KG2D		
3700.0-4200.0	R	H, V	150KG8D		
3700.0-4200.0	R	H, V	200KG3X		
3700.0-4200.0	R	H, V	63K0G8D		
3700.0-4200.0	R	H, V	133KG7D		
3700.0-4200.0	R	H, V	112KG3X		

For the foregoing reasons, MX1 Inc respectfully requests special temporary authority to communicate with Intelsat-21 for a period of 30 days to continue the communication services as described herein. Grant of the requested authority will serve the public interest by offering services to them using the earth station facility.

Respectfully submitted,

On behalf of MX1 Inc.

By:/s/George Varkey

Senior Engineer,

Global Services Solutions, SES

4 Research Way, Princeton, NJ 08540