

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WL2XRP

(Call Sign)

1064-EX-CN-2020

(File Number)

NAME General Atomics

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(c) of the Commission's Rules

Station Locations

- (1) MOBILE: Satellite at 750 km orbit and 98.3 deg inclination
- (2) MOBILE: Satellite at 750 km orbit and 98.3 deg inclination

Frequency Information

MOBILE: Satellite at 750 km orbit and 98.3 deg inclination

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2270.2 MHz	MO	2M07G1D	2.09 W (ERP)	0.002 %

MOBILE: Satellite at 750 km orbit and 98.3 deg inclination

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2270.2 MHz	MO	80K0G1D	70 mW (ERP)	0.002 %

This authorization effective May 24, 2022 and
will expire 3:00 A.M. EST August 15, 2026

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Following launch of the satellite, the licensee must notify the FCC through electronic submission to the license file, of the status of the satellite (transmissions commenced, etc.), not later than 7 days after commencement or expected commencement of transmissions, and of termination of transmissions, not later than three months after such termination.
- (2) Upon receipt of a conjunction warning from the JSpOC or other source, the licensee must review the warning and take all possible steps to assess and, if necessary, to mitigate collision risk, including, but not limited to: contacting the operator of any active spacecraft involved in such warning; sharing ephemeris data and other appropriate operational information with any such operator; modifying spacecraft attitude and/or operations.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) The licensee shall provide the Commission with all information required for the Advance Publication, Coordination and Notification of frequency assignments pursuant to the International Radio Regulations. This includes the preparation of draft materials, to be provided to the Commission prior to submission to the International Telecommunication Union. The authorized operations require notification of frequency assignments pursuant to Article 11 of the ITU Radio Regulations. Licensee shall provide the FCC, not later than 30 days after a frequency assignment is brought into use, the documents required for notification (including SpaceCap Notification MDB file) of such frequency assignments. The licensee shall also prepare materials for informing the ITU that a frequency assignments has been brought into use, or that its use has been suspended or permanently discontinued.
- (5) This license SUPERSEDES the previously issued license with the same call sign and file number: The license is conditioned on deployment of the drag enhancement device prior to the end of the license term. Section 1.62 of the FCC rules (Operation pending action on renewal application) is not applicable to this license, and the activities authorized by this license are not considered to be of a continuing nature after August 15, 2026. The licensee may continue operations after the license term only by filing a request, not later than May 21, 2026 prior to the end of the license term, and obtaining a grant of that request. The request should include information concerning the reliability of post-mission disposal for any extended period of operations requested obtaining a grant of that request. The request should include information concerning the reliability of post-mission disposal for any extended period of operations requested.
- (6) Stop buzzer contact information
Mr. Shane Sullivan
720-717-279
SM-OTB-Mission-Operations@ga.com
- (7) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number: updates stop buzzer POC info.