Radu Pop, 5220 Shad Rd Ste 407, Jacksonville, FL 32257,

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

EXPERIMENTAL	WQ2XMZ
(Nature of Service)	(Call Sign)
XR MO	0368-EX-CN-2026
(Class of Station)	(File Number)

NAME Star Catcher Industries, Inc.

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(j) of the Commission's Rules

Station Locations

(1) MOBILE: NGSO LEOSAT, 510km SSO
(2) MOBILE: NGSO LEOSAT, 510km SSO

Frequency Information

MOBILE: NGSO LEOSAT, 510km SSO

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400.5 MHz	MO	60K0F1D	35.35 mW (ERP)	0.001 %

MOBILE: NGSO LEOSAT, 510km SSO

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8300 MHz	MO	50M0G1D	6.96 W (ERP)	0.0005 %

Special Conditions:

(1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective July 14, 2026 and
will expire 3:00 A.M. EST July 01, 2029

FEDERAL COMMUNICATIONS COMMISSION

Special Conditions:

(2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

(3) 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.

(4) 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.

(5) All operations are on a strict non-interference basis to authorized federal users. Numerous factors such as future federal space missions brought-into-use after granting this authorization may prohibit its extension or renewal.

(6) Star Catcher Industries should be aware that the 8025-8400 MHz band is allocated to the Earth Exploration-Satellite Service (EESS) and spacecraft transmissions within this band are intended for information relating to the characteristics of the Earth and its natural phenomena. Star Catcher Industries must have no expectations that future requests for operations in this band that do not satisfy this requirement, including requests for renewal, will be approved. Star Catcher Industries must be aware that Protostar is NIB to all other EESS space systems that are correctly operating in accordance with domestic regulations.

(7) All space-to-Earth transmissions in the 8025-8400 MHz band must use a fixed center frequency of 8300 MHz and an emission bandwidth of 50 MHz. Additionally, transmissions in this band must be strictly limited to durations when the Protostar spacecraft is visible to one of the earth station locations listed below:
a.Awarua, New Zealand
b.Blönduós, Iceland
c.Punta Arenas, Chile

(8) Star Catcher Industries must not exceed an unwanted effective isotropic radiated power (EIRP) of –130.0 dBW/Hz in any portion of the 8400-8450 MHz band to ensure protection for deep-space SRS receivers.

(9) This license does not directly authorize any transmissions in the 2025-2110 MHz band. However, to ensure electromagnetic compatibility with Federal systems, Star Catcher Industries specified two uplink (Earth-to-space)transmissions centered at 2047.5 MHz and 2055 MHz with respective bandwidths of 5 MHz and 300 kHz, and there should be no deviation from these emission center frequencies and/or bandwidths. Furthermore, Star Catcher Industries must ensure that uplinks centered at 2047.5 MHz are ceased whenever any of the PUNCH (NORAD IDs: 63178through 63181) spacecraft are within 10 degrees of earth station antenna boresight, and this constraint applies to all of the following S-band earth station locations: Deadhorse, AK; Punta Arenas, Chile; and Tromsø, Norway. Star Catcher Industries must also ensure that uplinks centered at 2047.5 MHz are ceased whenever the IRIS (NORAD ID: 39197)spacecraft is within 10 degrees of earth station antenna boresight, and this constraint applies to the Deadhorse, AK S-band earth station location.

Special Conditions:

(10) All space-to-Earth transmissions centered at 400.5 MHz are limited to an Effective Radiated Power (ERP) of 35.35mW and must be ceased when the International Space Station (ISS, NORAD ID: 25544) is less than 450 kilometers away from the transmitting spacecraft.

(11) POINT OF COMMUNICATIONS: Protostar Satellite.

(12) Stop Buzzer POC is Brinson White at 239-250-7758, brinson@star-catcher.com.

(13) Transmissions from foreign earth stations to the Protostar satellite must obtain the appropriate regulatory license
from the respective foreign administrations prior to operations.

(14) Operations of space station/s that communicate/s to associated ground station/s outside of the US&P require Star Catcher Industries, Inc. to initiate and complete the advance publication, coordination, due diligence, and notification process for these space stations and obtains authorization
from appropriate administration/s where the foreign ground station/s is/are located.

(15) This authorization is for experimental purposes only and does not permit commercial, operational, or revenue generating services of any kind. The experimental licensee is strictly prohibited from charging fees, receiving compensation, or deriving any direct or indirect financial benefit from activities conducted under this grant. Should the licensee engage in any prohibited commercial or revenue generating activity, all transmissions conducted under this authorization must cease immediately.