

**FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPECIAL TEMPORARY AUTHORITY****Applicant Name****Name of Applicant:** Globalstar, Inc**Address**

Attention: David Weinreich, Manager, Spectrum & Regul. Engrg
Street Address: 300 Holiday Square Blvd
P.O. Box:
City: Covington
State: LA
Zip Code: 70433
Country:
E-Mail Address: david.weinreich@globalstar.com

Best Contact**Give the following information of person who can best handle inquiries pertaining to this application:**

Last Name: Weinreich
First Name: David
Title: Manager, Spectrum and Regulatory Engineering
Phone Number: 3016514552

Explanation**Please explain in the area below why an STA is necessary:**

The sole purpose of this STA application is to allow Globalstar to communicate with the CaNOP Cubesat spacecraft (Carthage College and sci_Zone) using Globalstars already-approved ground station network and already-approved satellite constellation (HIBLEO-4). Globalstar is already licensed for use of HIBLEO-4 and the communication frequencies. The only change from Globalstars currently licensed operations is that the Globalstar constellation will be communicating with the FCC-approved modules on a space station rather than communicating with those same terminals while on earth. Globalstars FCC License does not cover space-to-space operation, thus requiring this Experimental License request.

Purpose of Operation**Please explain the purpose of operation:**

Purpose of operation is to support communications for the CaNOP CubeSat mission. The CaNOP mission is described in FCC File 1637-EX-ST-2018. The purpose of this Special Temporary Authority request is to allow the applicant to provide communications for the CaNOP CubeSat mission, FCC File 1637-EX-ST-2018. The CubeSat mission office has told Globalstar that their ELS application properly describes the mission, and that the objectives of the project are presented in FCC File 1637-EX-ST-2018.

Information

Callsign:
Class of Station: MO
Nature of Service: Experimental

Requested Period of Operation

Operation Start Date: 08/01/2019
Operation End Date: 09/01/2019

Manufacturer**List below transmitting equipment to be installed (if experimental, so state) if additional rows are required, please submit equipment list as an exhibit:**

Manufacturer	Model Number	No. Of Units	Experimental
Globalstar FCC Regist Constellation	HIBLEO-4	1	No

Certification

Neither the applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. The applicant hereby waives any claim to the use of any particular frequency or electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.) The applicant acknowledges that all statements made in this application and attached exhibits are considered material representations, and that all the exhibits part hereof and are incorporated herein as if set out in full in this application; undersigned certifies that all statements in this application are true, complete and correct to the best of his/her knowledge and belief and are made in good faith. Applicant certifies that construction of the station would NOT be an action which is likely to have a significant environmental effect. See the Commission's Rules, 47 CFR1.1301-1.1319.

Signature of Applicant (Authorized person filing form): David E. Weinreich

Title of Applicant (if any): Manager, Spectrum & Regulatory Engineering

Date: 2019-03-05 00:00:00.0

Station Location

City	State	Latitude	Longitude	Mobile	Radius of Operation
		North	West	Globalstar, FCC Reg HIBLEO-4, 1414km, 52deg Incln	

Datum: NAD 83

Is a directional antenna (other than radar) used? No

Exhibit submitted: No

(a) Width of beam in degrees at the half-power point:

(b) Orientation in horizontal plane:

(c) Orientation in vertical plane:

Will the antenna extend more than 6 meters above the ground, or if mounted on an existing building, will it extend more than 6 meters above the building, or will the proposed antenna be mounted on an existing structure other than a building?
No

(a) Overall height above ground to tip of antenna in meters:

(b) Elevation of ground at antenna site above mean sea level in meters:

(c) Distance to nearest aircraft landing area in kilometers:

(d) List any natural formations of existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft:

Action	Frequency	Station Class	Output Power/ERP	Mean Peak	Frequency Tolerance (+/-)	Emission Designator	Modulating Signal
Modified	2483.50000000-2495.00000000 MHz	MO	3.388400 W 263.026800 W	P	2.9E-7 %	1M23G7W	

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