

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPECIAL TEMPORARY AUTHORITY

Applicant Name

Name of Applicant: Iridium Satellite LLC

Address

Attention: Ms. Maureen C. McLaughlin
Street Address: 1750 Tysons Blvd. Ste. 1400
P.O. Box:
City: McLean
State: VA
Zip Code: 22102
Country: United States
E-Mail Address: maureen.mclaughlin@iridium.com

Best Contact

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

Last Name: Godles
First Name: Joseph
Title: Attorney
Phone Number: 202-429-4900

Explanation

Please explain in the area below why an STA is necessary:
Please refer to Exhibit 1.

Purpose of Operation

Please explain the purpose of operation: Please refer to Exhibit 1.

Information

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

Requested Period of Operation

Operation Start Date: 08/01/2022
Operation End Date: 01/28/2023

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
Iridium	9603	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 filling form): Maureen C. McLaughlin
Title of Applicant (if any): Vice President, Public Policy 2
Date:

Station Location

City	State	Latitude	Longitude	Mobile	Radius of Operation
		North	West	Low Earth Orbit alt 780km, inclination 86.4 deg	

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
New	1618.72500000 - 1626.50000000 MHz	MO	N/A 1288.000000 W P			35K0G1W	