

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:

Chandrayaan2 Emergency support

1. Applicant

Name:	Universal Space Network, Inc.	Phone Number:	215-328-9130
DBA Name:		Fax Number:	215-328-9132
Street:	417 Caredean Drive Suite A	E-Mail:	jpgreet@uspacenet.com
City:	Horsham	State:	PA
Country:	USA	Zipcode:	19044 -
Attention:	Joanne Greet		

2. Contact

Name:	Universal Space Network	Phone Number:	215-328-9130
Company:		Fax Number:	215-328-9132
Street:	417 Caredean Drive Suite A	E-Mail:	jgreet@uspacenet.com
City:	Horsham	State:	PA
Country:	USA	Zipcode:	19044 -
Attention:		Relationship:	Same

(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)

3. Reference File Number or Submission ID

4a. Is a fee submitted with this application?

If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).

Governmental Entity Noncommercial educational licensee

Other (please explain):

4b. Fee Classification CGX – Fixed Satellite Transmit/Receive Earth Station

5. Type Request

Use Prior to Grant

Change Station Location

Other

6. Requested Use Prior Date

05/20/2021

7. City Naalehu

8. Latitude

(dd mm ss.s h) 19 0 49.6 N

9. State HI	10. Longitude (dd mm ss.s h) 155 39 46.6 W
11. Please supply any need attachments. Attachment 1: FCC312 Attachment 2: Mission analysis Attachment 3: Waiver request	
12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">Universal Space Network (USN)request an STA for 8 days to allow its Hawaiian earth station to support a critical event on the Chandrayaan-2 lunar orbiting spacecraft. The station will be used for telemetry, tracking, and control in S-band communications. The authority sought here will allow coverage of a lunar eclipse event where the spacecraft will have</div>	
13. By checking Yes, the undersigned certifies that neither 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 Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application"; for these purposes. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing Joanne Greet	15. Title of Person Signing Compliance Manager
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).	

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12. Description

Universal Space Network (USN) request an STA for 8 days to allow its Hawaiian earth station to support a critical event on the Chandrayaan-2 lunar orbiting spacecraft. The station will be used for telemetry, tracking, and control in S-band communications. The authority sought here will allow coverage of a lunar eclipse event where the spacecraft will have very limited power and limited to no visibility by ISRO stations to communicate critical TT&C during the event lasting 5 hours.