

Address: _____

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Class Date _____

File # _____

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

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

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		



"With Conditions"

File # SES-STA-20171031-01225

Call Sign N/A Grant Date 11/29/2017
(or other identifier)

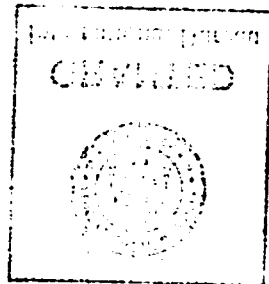
Term Dates
From: 01/18/2018 To: 02/14/2018

Approved: Paul E. Black

Applicant: Universal Space Network, Inc.
File No.: SES-STA-20171031-01225
Special Temporary Authority

Universal Space Network, Inc. is granted a special temporary authority, under the following conditions, for 27 days, beginning on January 18, 2018, to operate its earth station at 19.0°, 00', 50.3"N/ 155°, 39.0' 46.6" W, located in Naalehu, Hawaii, to support post-launch and early orbit phase (LEOP) orbit raising maneuver operations of the Galileo (GSAT215, GSAT216, GSAT217 and GSAT218) NGSO satellites as they proceed to medium earth orbit on the following center frequencies: 2046.051 MHz, 2051.703 MHz, 2057.355 MHz and 2040.399 MHz (Earth-to-space), and 2215.818 MHz, 2221.956 MHz, 2228.094 MHz and 2234.232 MHz (space-to-Earth). The Galileo satellites is licensed by European Space Agency (ESA).

1. Universal Space Network, Inc. must coordinate with the Naval Surface Warfare Center, Dahlgren Division (NSWCDD), Mr. James Moneyhon, (540)653-3477, or james.moneyhon@navy.mil, a minimum of 14-days prior to any operations in the region centered at 22N, 160W, with a radius of 1500 nautical miles (nm), to mitigate harmful interference to Navy/Marine Corps/DoD operations. USN/Galileo-9 must also comply with any and all restrictions that may be levied by the Naval Surface Warfare Center, Dahlgren Division (NSWCDD).
2. All operations on frequencies 2215.818 MHz, 2221.956 MHz, 2228.094 MHz, and 2234.232 MHz shall be on an unprotected, non-interference basis to Air Force operations. In the event of any harmful interference, cease operations and inform the Commission, in writing, immediately.
3. This special temporary authority can only be used to provide launch and early orbit phase ("LEOP") services for the GALILEO (GSAT215, GSAT216, GSAT217 and GSAT218) spacecraft from launch to medium earth orbit, not commercial service to the United States.
4. Operations shall be on an unprotected, non-interference basis with respect to other authorized stations, including federal stations.
5. This is not a grant of market access to the Galileo system.
6. Any future requests or extensions will need to submit applications to the FCC to be re-coordinated with NTIA.
7. Universal Space Network (USN) will inform NTIA (bmitchell@ntia.doc.gov, 202-482-4487) and the FCC (Paul.Blais@fcc.gov, 202-418-7274) at least 24 hours prior to the planned operations or if delayed beyond the requested beginning date of 24 May 2016
8. The USN control contact number, (808) 929-8069, must be available while frequencies 2215.818 MHz, 2221.956 MHz, 2228.094 MHz, and 2234.232 MHz are being used.



Address: _____

From: _____ To: _____

John Doe

(or other identifier)

Cell 2101 _____ Date _____

9. Universal Space Network shall be aware that future non-federal launch and early orbit operations will be considered on a case-by-case basis, especially for requests in the band 2200-2290 MHz, and Universal Space network shall have no expectations that future operations will be approved.

10. All transmissions in the band 2200-2290 MHz must comply with national and international power flux-density limits.

11. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Universal Space Network, Inc.'s risk.

12. This grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.


27 days "with conditions"

File # 5ES-STA-20171031-01225

Call Sign N/A Grant Date 11/29/2017
(or other identifier)

Term Dates
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Approved: Paul E. Black



The stamp is a red rectangular box containing the FCC logo (a circular seal with 'FEDERAL COMMUNICATIONS COMMISSION' and '1934' around a central figure) at the top. Below the logo, the word 'GRANTED' is printed in large, bold, red capital letters. Underneath 'GRANTED', the words 'International Bureau' are printed in a smaller, red font.

2. Contact

Name:	Universal Space Network, Inc.	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
01/12/2018

7. City Naalehu

8. Latitude
(dd mm ss.s h) 19 0 50.3 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-B Attachment 2: Waiver and Analysis Attachment 3: Comsearch	
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: 5px 0;">Universal Space Networks, Hawaii earth station will be used to support the post-LEOP orbit raising of the Galileo flight #9 consisting of 4 spacecraft in the operational constellation. The USN Hawaii ground station will be used for a period of 27 days to support the final orbit raising, health and welfare of the spacecraft's.</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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