

Approved: _____

From: _____

To: _____

Term Dates

(or other identifier)

Call Sign _____

Grant 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 extension

I. 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:	jgreet@uspacenet.com
City:	Horsham	State:	PA
Country:	USA	Zipcode:	19044 -
Attention:	Joanne Greet		

"Extensions with conditions"

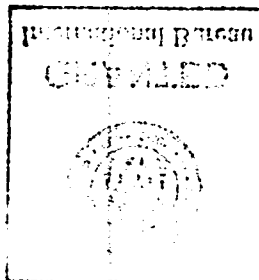


File # SES-STA-20180119-00051
Call Sign N/A Grant Date 01/24/2018
(or other identifier)
Term Dates
From: 02/14/2018 To: 03/04/2018
Approved: *Paul E. Pines*

Applicant: Universal Space Network, Inc.
File No.: SES-STA-20180119-00051
Special Temporary Authority

Universal Space Network, Inc. is granted a special temporary authority from February 14, 2018 to March 4, 2018, to operate its earth station at 19.0°, 00', 50.3"N/ 155°, 39.0' 46.6" W, located in Naalehu, Hawaii, to provide post- launch and early orbit phase (LEOP) 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.



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Call Sign _____ Date 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.

"Extension with conditions"



File # SES-STA-20180119-00051

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(or other identifier)

Term Dates

From: 02/14/2018 To: 03/04/2018

Approved: Paul E. Hales



**UNIVERSAL SPACE
NETWORK**

January 19, 2018

Federal Communications Commission

Attention: Mr. Paul Blais,
Chief, Systems Analysis Branch of the Satellite Systems

Subject: STA delay and extension

Reference: SES-STA-20171031-01225

Dear Paul,

The referenced STA was granted to support the Galileo orbit raising campaign from the Universal Space Network Hawaiian ground station beginning January 18, 2018 thru February 14, 2018. The orbit raising has been delayed and additional orbital maneuvers are now required by ESA. Universal Space Network is submitting this additional STA to request authorization to support from January 25, 2018 thru March 4, 2018.

If you have any questions please feel free to contact me at 215-394-0127 or jgreet@uspacenet.com

Sincerely,

Joanne Greet
Manager, Contracts & Compliance

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 SESSTA2017103101225 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
01/25/2018

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: Extension letter Attachment 2: Attachment 3:	
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;">Galileo has delayed it orbit raising and request additional time on authorization. Please see attached letter</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 Manager, Compliance
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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