

Universal Space Network, Inc.

Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Sentinels 1A extension R2

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

File # SES-STA-20140601-00393

Call Sign: *ナナナ* Grant Date: *ナナナ*

(or other identifier)

Term Dates: *ナナナ* To: *ナナナ*

From: *ナナナ*

Approved: *[Signature]*

INTERNATIONAL BUREAU

Applicant: Universal Space Network, Inc.

File No.: SES-STA-20140601-00393

No Call Sign

Special Temporary Authority (STA)

Universal Space Network Inc. (USN) is granted extension of the STA that was previously granted under IBFS File No. SES-STA-20140425-00316 to operate the earth station identified in this application to transmit on frequency 2078.650 MHz and receive on frequency 2254.099 MHz to conduct Launch and Early Orbit (LEOP) support satellite Sentinels-1A from North Pole Alaska using USN's ground station to assist the European Space Agency (EAS) and Swedish Space Corporation (SSC) for the S-band 2 GHz operation on the following conditions:

1. All operations shall be on an unprotected, non-interference basis to both government and non-government operations.
2. In the event of any harmful interference as a result of operations under this grant of STA, USN shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
3. Operations will be limited to the transmit maximum eirp level 68 dBW and maximum eirp density level 48 dBW/4kHz with emission designator 400KG1D and receive with emission designator 400KG1D.
4. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at USN's own risk.
5. USN will inform the FCC (Paul.Blais@ 202-418-7274) at least 24 hours prior to the planned operations.
6. USN Point of Contact for Operation is Joanne Greet 215-328-9130 or 907-490-3064 and must be available while the frequencies are in use.
7. Operations from expiration of previous grant to the date of grant of this application was authorized pursuant to Section 1.62 of the Commission's rules, 47 C.F.R § 1.62.

 GRANTED International Bureau	File # <u>SES-STA-20140601-00393</u>
	Call Sign _____ Grant Date <u>6-4-14</u>
	(or other identifier)
	From <u>6-4-14</u> Term Dates To: <u>7-4-14</u>
Approver: <u>[Signature]</u>	

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: Joanne Greet	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 SESSTA2014042500316 or Submission ID	
4a. Is a fee submitted with this application?	
<input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114). <input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee <input type="radio"/> Other (please explain):	
4b. Fee Classification CGX - Fixed Satellite Transmit/Receive Earth Station	
5. Type Request	
<input checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other	
6. Requested Use Prior Date 06/02/2014	
7. City/North Pole	
8. Latitude (dd mm ss.s h) 64 48 15.3 N	

9. State AK	10. Longitude (dd mm ss.s h) 147 30 0.8 W
11. Please supply any need attachments. Attachment 1: 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.) extension of SES-STA-20140425-00316. Currently expires on 6/1/14. USN is requesting a extension to facilitate ranging testing on the Sentinels IA spacecraft due to Quantum issues. All attachments from the original STA (SES-STA-2014-0219099964) are still valid	
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"; party to the application; for these purposes. Yes <input checked="" type="radio"/> No <input type="radio"/>	
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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