


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:
Request for STA to Operate Former Station E020301

1. Applicant

Name: NORTHWESTERN COLLEGE Phone Number: 651-631-5009
DBA Name: Fax Number: 651-631-5088
Street: 3003 SNELLING AVE N E-Mail:
City: SAINT PAUL State: MN
Country: USA Zipcode: 55113
Attention: Scott Jones




File: SES-SIA-20130624-00524
Call Sign: E020301 Grant Date: 6-26-13
(or other identifier)
Term Dates: 7-1-13-13 To: 7-1-13-13
From: 6-26-13
Approved: [Signature]

GRANTED
International Bureau

Applicant: NORTHWESTERN COLLEGE
Call sign: E0202301
File number: SES-STA-20130624-00524
Special Temporary Authority (STA)

NORTHWESTERN COLLEGE is granted, under the following conditions, STA for 30 days to use its earth station call sign E020301 licensed at Ramsey, Minnesota to access ALSAT on frequencies 14.0-14.5 GHz (uplink) and 11.7-12.2 GHz (downlink).

1. The STA is limited within the operational parameters of current license described under file number SES-MOD-20081104-01445.
2. Operations under this authority are on a non-interference basis only.
3. Operations under this authority are on a non-protected basis only.
4. In the event that there is a report of interference, NORTHWESTERN COLLEGE must immediately terminate transmissions and notify the FCC in writing.
5. This is granted without prejudice to any future FCC enforcement action in connection with any unauthorized operation of radio facilities.
6. This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately.

 GRANTED International Bureau	File # <u>SES-STA-20130624-00524</u>
	Call Sign <u>E0202301</u> Grant Date <u>6-26-13</u> (or other identifier)
	From <u>6-26-13</u> Term Dates To: <u>7-26-13</u>
	Approved: <u>Paul E. Hiller</u>

2. Contact	
Name: John R. Wilner, Esq.	Phone Number: 2029397929
Company: Edwards Wildman Palmer LLP	Fax Number:
Street: 1255 23rd Street, N.W.	E-Mail: jwilner@edwardswildman.com
City: Washington	State: DC
Country: USA	Zipcode: -
Attention:	Relationship: Legal Counsel
(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?	
<input 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 checked="" 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	
06/26/2012	
7. City/St. Paul	
8. Latitude	
(dd mm ss.s h) 45 1 52.1 N	

9. State MN	10. Longitude (dd mm ss.h) 93 10 3.9 W
11. Please supply any need attachments. Attachment 1: STA Request Attachment 2: Operating Parameters 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; min-height: 100px;">Please see Attachment 1 for Explanation of STA circumstances and Attachment 2 for technical specifications of earth station operation.</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. Yes <input checked="" type="radio"/> No <input type="radio"/>	
14. Name of Person Signing Paul H. Virts	15. Title of Person Signing Senior VP for Media
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).	

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

Request For Special Temporary Authority

Northwestern College ("NWC") is the licensee of a group of noncommercial religious AM and FM stations in the Midwest. NWC originates programming for these stations at its broadcast center located in Roseville, Minnesota. In order to deliver this programming to its stations, many years ago, NWC licensed a Ku band transmit earth station to operate at the broadcast center. This earth station was licensed under the call sign E020301, (expiration date: 12/04/2017).

During a recent internal review, NWC discovered that on June 26, 2012, it had inadvertently surrendered its Radio Station Authorization for E020301. NWC had intended to cancel the authorization for a dismantled earth station facility, but instead mistakenly surrendered the E020301 authorization.

E020301 has continued in operation since June 26, 2012, and remains an integral component of the NWC radio network.

Having discovered its inadvertent error and recognizing; that its earth station facility requires a new authorization, NWC will prepare a new station Form 312 for filing as soon as possible. In the interim, NWC hereby requests Special Temporary Authority to operate the earth station facilities formerly authorized under call sign E020301 (see Attachment 2). The STA will serve the public interest by allowing NWC to continue to provide its radio stations with programming that is essential to their broadcast services to the public.



UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RADIO STATION AUTHORIZATION

Name: NORTHWESTERN COLLEGE

Call Sign: E020301

Authorization Type: Modification of License

File Number: SES-MOD-20081104-01445

Common Carrier

Grant date: 12/22/2008

Expiration Date: 12/04/2017

Nature of Service: Fixed Satellite Service

Class of Station: Fixed Earth Stations

A) Site Location(s)

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	Special Provisions NAD (Refer to Section H)
1)	1	2993 SNELLING AVENUE NORTH SAINT PAUL, RAMSEY, MN 55113	45°1'52.1"N	93°10'13.9"W	278.1	83

Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209

Subject to the provisions of the Communications Act of 1934, The Communications Satellite Act of 1962, subsequent acts and treaties, and all present and future regulations made by this Commission, and further subject to the conditions and requirements set forth in this license, the grantee is authorized to construct, use and operate the radio facilities described below for radio communications for the term beginning December 4, 2002 (3 AM Eastern Standard Time) and ending December 4, 2017 (3 AM Eastern Standard Time). The required date of completion of construction and commencement of operation is December 22, 2009 (3 AM Eastern Standard Time). Grantee must file with the Commission a certification upon completion of construction and commencement of operation.

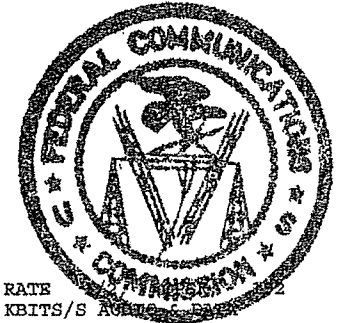
B) Particulars of Operations

The General Provision 1010 applies to all receiving frequency bands.

The General Provision 1900 applies to all transmitting frequency bands.

For the text of these provisions, refer to Section H.

#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
1)	14000.0000-14500.0000	H, V	180KF8E	Tx	52.20	41.20	1	1900	
2)	14000.0000-14500.0000	H, V	180KG7W	Tx	51.70	35.20	1	1900	
3)	14000.0000-14500.0000	H, V	270KG7W	Tx	52.20	35.20	1	1900	
4)	14000.0000-14500.0000	H, V	360KG7W	Tx	52.20	35.20	1	1900	
5)	14000.0000-14500.0000	H, V	717KG7W	Tx	52.20	35.20	1	1900	
6)	14000.0000-14500.0000	H, V	90KOG7W	Tx	48.70	35.20	1	1900	
7)	14000.0000-14500.0000	H, V	300KG7W	Tx	52.20	33.40	1		
8)	11700.0000-12200.0000	H, V	180KF8E	Rx			1		
9)	11700.0000-12200.0000	H, V	180KG7W	Rx			1		



RATE
KBITS/S



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B) Particulars of Operations

The General Provision 1010 applies to all receiving frequency bands.
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#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
10)	11700.0000-12200.0000	H,V	270KG7W	Rx			1		
11)	11700.0000-12200.0000	H,V	360KG7W	Rx			1		
12)	11700.0000-12200.0000	H,V	717KG7W	Rx			1		
13)	11700.0000-12200.0000	H,V	90K0G7W	Rx			1		
14)	11700.0000-12200.0000	H,V	300KG7W	Rx			1		RATE 1/2, QPSK, 192 KBITS/S AUDIO & DATA

C) Frequency Coordination Limits

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.)		Elevation (Degrees)		Azimuth (Degrees)		Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
		East Limit	West Limit	East Limit	West Limit	East Limit	West Limit		
1)	14000.0000-14500.0000	67.0W	147.0W	32.0	16.3	145.2	242.6	-3	1
2)	11700.0000-12200.0000	67.0W	147.0W	32.0	16.3	145.2	242.6		1

D) Points of Communications

The following stations located in the Satellite orbits consistent with Sections B and C of this Entry:

- 1) 1 to All authorized U.S. Domestic (ALSAT) Satellites.

E) Antenna Facilities

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)	
1	1	1	2.4	PROBELIN	1246	278.1	11.54 AGL/ 289.64 AMSL		
Max Gains(s):		47.6 dBi @ 12.0000 GHz		49.2 dBi @ 14.0000 GHz					
Maximum total input power at antenna flange (Watts) =					2.00				
Maximum aggregate output EIRP for all carriers (dBW) =					52.20				



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F) Remote Control Point:

1

Call Sign: E920642

G) Antenna Structure marking and lighting requirements:

None unless otherwise specified under Special and General Provisions

H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

- 1010 --- Applicable to all receiving frequency bands. Emission designator indicates the maximum bandwidth of received signal at associated station(s). Maximum EIRP and maximum EIRP density are not applicable to receive operations.
- 1900 --- Applicable to all transmitting frequency bands. Authority is granted to transmit any number of RF carriers with the specified parameters on any discrete frequencies within associated band in accordance with the other terms and conditions of this authorization, subject to any additional limitations that may be required to avoid unacceptable levels of inter-satellite interference.
- 2010 --- This authorization is issued pursuant to the Commission's Second Report and Order adopted June 16, 1972 (35 FCC 2d 844) and Memorandum, Opinion and Order adopted December 21, 1972 (38 FCC 2d 665) in Docket No. 16495 and is subject to the policies adopted in that proceeding.
- 2068 --- The use of these small diameter earth station facilities is authorized pursuant to the Commission's Declaratory Order in Routine Licensing of Large Networks of Small Antenna Earth Stations Operating in the 12/14 GHz Frequency Bands released April 9, 1986.
- 2087 --- The use of these small diameter facilities is authorized pursuant to the Commission's Declaratory Order in Routine Licensing of earth stations in the 6 GHz and 14 GHz bands using antennas less than 9 meters and 5 meters in diameter, respectively, for both full transponder and narrowband transmissions (DA 87-391) released April 13, 1987.
- 2335 --- Authority is granted to receive any number of the specified emissions on any discrete frequencies within this band in accordance with the other terms and conditions of this authorization.
- 2916 --- Transmitter(s) must be turned off during antenna maintenance to ensure compliance with the FCC-specified safety guidelines for human exposure to radiofrequency radiation in the region between the antenna feed and the reflector. Appropriate measures must also be taken to restrict access to other regions in which the earth station's power flux density levels exceed the specified guidelines.
- 2938 --- Upon completion of construction, each licensee must file with the Commission a certification including the following information: name of the licensee, file number of the application, call sign of the antenna, date of the license and certification that the facility as authorized has been completed, that each antenna facility has been tested and is within 2 dB of the pattern specified in Section 25.209 and that the station is operational including the date of commencement of service and will remain operational during the license period unless the license is submitted for cancellation.



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H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

3219 --- All existing transmitting facilities, operations and devices regulated by the Commission must be in compliance with the Commission's radiofrequency (RF) exposure guidelines, pursuant to Section 1.1307(b)(1) through (b)(3) of the Commission's rules, or if not in compliance, file an Environmental Assessment (EA) as specified in Section 1.1311. See 47 CFR 1.1307 (b) (5).

5208 --- The licensee shall take all necessary measures to ensure that the antenna does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR 1.1307(b) and 1.1310 wherever such exposures might occur. Measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. Compliance can be accomplished in most cases by appropriate restrictions such as fencing. Requirements for restrictions can be determined by predictions based on calculations, modeling or by field measurements. The FCC's OET Bulletin 65 (available on-line at www.fcc.gov/oet/rfsafety) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.

5215 --- All operations shall be on a common carrier basis.



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B) This RADIO STATION AUTHORIZATION is granted subject to the additional conditions specified below:

This authorization is issued on the grantee's representation that the statements contained in the application are true and that the undertakings described will be carried out in good faith.

This authorization shall not be construed in any manner as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The grantee expressly agrees to install such marking or lighting as the Commission may require under the provisions of Section 303(q) of the Communications Act. 47 U.S.C. § 303(q).

Neither this authorization nor the right granted by this authorization shall be assigned or otherwise transferred to any person, firm, company or corporation without the written consent of the Commission. This authorization is subject to the right of use or control by the government of the United States conferred by Section 706 of the Communications Act. 47 U.S.C. § 706. Operation of this station is governed by Part 25 of the Commission's Rules. 47 C.F.R. Part 25.

This authorization shall not vest in the licensee any right to operate this station nor any right in the use of the designated frequencies beyond the term of this license, nor in any other manner than authorized herein.

This authorization is issued on the grantee's representation that the station is in compliance with environmental requirements set forth in Section 1.1307 of the Commission's Rules. 47 C.F.R. § 1.1307.

This authorization is issued on the grantee's representation that the station is in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules. 47 C.F.R. § 17.4.

The following condition applies when this authorization permits construction of or modifies the construction permit of a radio station.

This authorization shall be automatically forfeited if the station does not meet each required construction deadline by the required date of completion unless, before such date(s), a specific application is timely filed to request an extension of the construction deadline(s), supported with good cause why that failure to construct by the required date was due to factors not under control of the grantee.

Licensees are required to pay annual regulatory fees related to this authorization. The requirement to collect annual regulatory fees from regulatees is contained in Public Law 103-66, "The Omnibus Budget Reconciliation Act of 1993." These regulatory fees, which are likely to change each fiscal year, are used to offset costs associated with the Commission's enforcement, public service, international and policy and rulemaking activities. The Commission issues a Report and Order each year, setting the new regulatory fee rates. Receive only earth stations are exempt from payment of regulatory fees.

