

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
T12V extended Ku-band - 60 days

1. Applicant

<b>Name:</b>	Telesat Network Services, Inc.	<b>Phone Number:</b>	613-748-8700
<b>DBA Name:</b>		<b>Fax Number:</b>	613-748-8712
<b>Street:</b>	135 Routes 202/206	<b>E-Mail:</b>	JForsey@telesat.com
<b>City:</b>	Bedminster	<b>State:</b>	NJ
<b>Country:</b>	USA	<b>Zipcode:</b>	07921 -1538
<b>Attention:</b>	Mr John Forsey		



File # SES-STA-20151130-00878  
 Call Sign E030029 Grant Date 12-8-15  
 (or other identifier)  
 Term Dates From: 12-14-15 To: 2-12-16  
 Approved: Paul E. Blay

Applicant: Telesat Network Services, Inc.  
Call Sign: E030029  
File No. SES-STA-20151130-00878  
Special Temporary Authority (STA)



File # SES-STA-20151130-00878  
E030029  
Call Sign E030029 Grant Date 12-8-15  
(or other identifier)  
Term Dates  
From: 12-14-15 To: 2-12-16  
Approved: Paul E. Haas

Operations under this STA shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.

Grant of this STA is without prejudice to any determination that the Commission may make regarding other pending applications or future STA requests.

Any action taken or expense incurred as a result of operations pursuant to this STA is solely at the applicant's risk.

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.

**2. Contact**

**Name:** Ryan N. Terry      **Phone Number:** 202-429-4900  
**Company:** Goldberg, Godles, Wiener & Wright LLP      **Fax Number:** 202-429-4912  
**Street:** 1229 19th Street, N.W.      **E-Mail:** rterry@g2w2.com  
**City:** Washington      **State:** DC  
**Country:** USA      **Zipcode:** 20036  
**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 SESMOD2015070100437 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  
12/14/2015

7. City/Mount Jackson	8. Latitude (dd mm ss.s h) 38 43 42.0 N
9. State VA	10. Longitude (dd mm ss.s h) 78 39 25.0 W
11. Please supply any need attachments. Attachment 1: Request for STA 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.) Telesat Network Services, Inc., pursuant to Section 25.120 of the Commission's rules, hereby requests Special Temporary Authority to operate a fixed 9.0-m antenna (Call Sign E030029) at its Mt. Jackson, VA teleport in the extended Ku-band frequencies that are the subject of pending applications before the FCC. Telesat respectfully requests that its	
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 R. John Forsey	15. Title of Person Signing Director, Corporate Development
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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**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.**

## **12. Description**

Telesat Network Services, Inc., pursuant to Section 25.120 of the Commission's rules, hereby requests Special Temporary Authority to operate a fixed 9.0-m antenna (Call Sign E030029) at its Mt. Jackson, VA teleport in the extended Ku-band frequencies that are the subject of pending applications before the FCC. Telesat respectfully requests that its STA begin by December 14, 2015, for a period of 60 days.

## REQUEST FOR SPECIAL TEMPORARY AUTHORITY

### EXPEDITED TREATMENT REQUESTED

Telesat Network Services, Inc. ("Telesat"), pursuant to Section 25.120 of the Commission's rules, hereby requests Special Temporary Authority ("STA") to operate a fixed 9.0-m antenna (Call Sign E030029) at its Mt. Jackson, VA teleport in the manner described herein.<sup>1</sup>

Telesat has urgent need to begin operation of the antenna in the extended Ku-band frequencies that are the subject of pending applications before the FCC.<sup>2</sup> Telesat respectfully requests that its STA begin by December 14, 2015, for a period of 60 days.

The T12V satellite was successfully launched on November 24, 2015. The Commission has authorized Skynet Satellite Corporation, a Telesat affiliate, to operate the Telstar 12V satellite at 15°W.L.<sup>3</sup>

The Mt. Jackson 9.0-m antenna will utilize the extended Ku-band portion to transmit to three wide-area satellite beams, covering Pan-America, Africa, and Europe. The traffic being sent includes video and data. Some existing customers are transitioning their services from the conventional Ku-band on Telstar 12, which is being retired, to the extended Ku-band on Telstar 12V and these customers require the use of the 9.0 m antenna. These transitions, as well as the commencement of new services, are scheduled to begin in the second half of December.

The subject antenna will be located within a secured perimeter at the Mt. Jackson teleport to which only authorized employees would have access. Telesat is incorporating by reference the radiation hazard report that it submitted with its underlying request. In addition, Telesat is incorporating by reference the 13.75-14.0 GHz Frequency Coordination Report and a letter of concurrence issued by the National Radio Astronomy Observatory to demonstrate that coordination has been successfully completed with terrestrial operators.

Grant of this application will serve the public interest, convenience, and necessity by allowing Telesat to provide critical support to its newly launched satellite.

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<sup>1</sup> We note that several antennas are authorized under Call Sign E030029. The instant request relates only to the 9.0-m antenna identified as "9.0M" on the license.

<sup>2</sup> Telesat submitted its modification application on July 1, 2015. See FCC File No. SES-MOD-20150701-00437. That application appeared on Public Notice as accepted for filing on August 5, 2015. Telesat subsequently amended its application to address adjustments to the technical details of its modification. See FCC File Nos. SES-AMD-20151105-00815 and SES-AMD-INTR2015-02281.

<sup>3</sup> FCC File No. SAT-LOA-20141010-00107.

Accordingly, and for good cause shown, Telesat respectfully requests that its STA be granted in time for it to commence operations under this 60-day STA on December 14, 2015.