

**KA399**    **SES-STA-20120517-00450**    **IB2012001236**  
Telesat Network Services, 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:  
STA to operate SE-125 and EdoSul 2 as POC prior to grant (May 2012)

**1. Applicant**

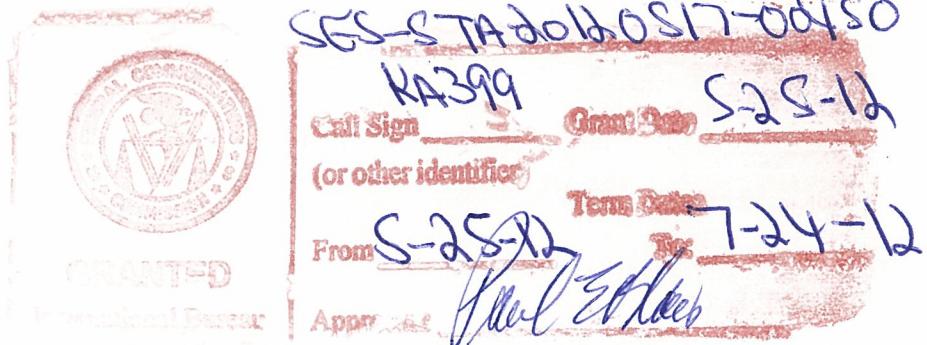
Name:	Telesat Network Services, Inc.	Phone Number:	908-698-4882
DBA Name:		Fax Number:	908-719-0226
Street:	135 Routes 202/206	E-Mail:	rcondurso@telesat.com
City:	Bedminster	State:	NJ
Country:	USA	Zipcode:	07921
Attention:	Mr Robert Condurso		-1538



Applicant: Telesat Network Services, Inc.  
Call Sign: KA399  
File No.: SES-STA-20120517-00450  
Special Temporary Authority (STA)

Telesat Network Services, Inc. is granted STA for a 60-day period with the following conditions:

1. Operations in the conventional Ku-band (downlink frequencies 11.7-12.2 GHz and uplink frequencies 14.0-14.5 GHz) to communicate with satellite Estrala Du Sol at orbital location 63 degrees W.L. is authorized. Use of any other frequencies to access Estrala Du Sol is prohibited.
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, Telesat Network Services, Inc. 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.



<b>2. Contact</b>			
<b>Name:</b>	Joseph A. Godles	<b>Phone Number:</b>	202-429-4900
<b>Company:</b>	Goldberg, Godles, Wiener & Wright	<b>Fax Number:</b>	202-429-4912
<b>Street:</b>	1229 19th Street, N.W.	<b>E-Mail:</b>	jgodles@g2w2.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20036 -
<b>Attention:</b>		<b>Relationship:</b>	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 <u>SESMOD2012030800248</u> 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 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 05/28/2012			

7. CityMount 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: 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.) <div style="border: 1px solid black; padding: 5px;"> <p>Applicant hereby seeks authority to implement on an interim basis two of the changes proposed in its above-referenced modification application. In particular, Telesat requests an STA to add Estrela do Sul 2 at 63 W.L. as a point of communication on standard Ku-band frequencies and to operate an additional ESV model, Seatel SE-125. Telesat is not seeking</p> </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 &quot;party to the application&quot; for these purposes.		
14. Name of Person Signing Robert Condurso	15. Title of Person Signing Director, Govt and Regulatory Affairs	
<p><b>WILFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT</b>          (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).</p>		

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## **12. Description**

Applicant hereby seeks authority to implement on an interim basis two of the changes proposed in its above-referenced modification application. In particular, Telesat requests an STA to add Estrela do Sul 2 at 63 W.L. as a point of communication on standard Ku-band frequencies and to operate an additional ESV model, SeaTel SE-125. Telesat is not seeking an STA to implement the other changes proposed in the modification application for KA399.

**REQUEST FOR SPECIAL TEMPORARY AUTHORITY**

**Introduction**

Pursuant to Section 25.120 of the Commission's rules, Telesat Network Services, Inc. ("Telesat") hereby requests Special Temporary Authority ("STA"), beginning as soon as possible, to operate its earth station hub and associated Earth Stations on Vessels ("ESVs"), all licensed under Call Sign KA399, in the manner described herein. Telesat has pending an application to modify its license for KA399,<sup>1</sup> and it seeks authority in this STA request to implement on an interim basis two of the changes proposed in the modification application. In particular, Telesat requests an STA to add Estrela do Sul 2 at 63° W.L. as a point of communication on standard Ku-band frequencies and to operate an additional ESV model, SeaTel SE-125. Telesat is not seeking an STA to implement the other changes proposed in the modification application for KA399.

It has become apparent that processing of Telesat's modification application will take longer than usual. Although Telesat submitted the application on March 8, 2012, the application has not been accepted for filing and has not appeared on Public Notice. An STA will enable Telesat to commence service by employing the more routine elements proposed in the modification application while processing of the application continues. Telesat's STA request, therefore, is supported by good cause.

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<sup>1</sup> File No. SES-MOD-20120308-00248.

## **Discussion**

### *Adding Estrela do Sul 2 as a Point of Communication*

Telesat's hub antennas and ESVs already are licensed to communicate via Telstar 11N. Telesat seeks authority in this STA request to add Estrela do Sul 2<sup>2</sup> as a point of communication for transmissions on standard Ku-band frequencies.

The Commission added Estrela do Sul 2 to the Permitted Space Station List on April 4, 2011.<sup>3</sup> In general, therefore, the satellite may be used as a point of communication by routinely-licensed U.S. earth stations. However, because Telesat's earth station authorization currently does not include ALSAT or Estrela do Sul 2 as points of communication (the former of which it is seeking to restore and the latter which it is adding by its subject modification application), it requires an STA to access Estrela do Sul 2 while its modification application is pending.

### *Adding SeaTel SE-125 ESVs*

The license for KA399 authorizes the operation of multiple ESV models. In this STA request, Telesat seeks to add one more model, SeaTel SE-125, to the authorized list.

As documented in Telesat's modification application, the Commission has authorized another licensee to operate SeaTel SE-125 ESVs. As also shown in the modification application, Telesat's proposed operating parameters for SeaTel SE-

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<sup>2</sup> The license for Estrela do Sul 2, which was issued by Brazil, is held by Telesat's affiliate, Telesat Brasil Capacidade de Satelites Ltda.

<sup>3</sup> See File No. SAT-PPL-20110112-00012.

125 are nearly identical to those the Commission previously authorized. Grant of Telesat's request to operate SeaTel SE-125 on an STA basis, therefore, will pose no risk of harmful interference. In any event, Telesat's operations pursuant to an STA would be on a non-harmful interference basis.

A number of seagoing vessels that rely on Telesat's KA399 authority, moreover, have been upgraded to accommodate SeaTel SE-125 ESVs in anticipation of being able to enjoy the benefits of that model's superior physical stability and improved robustness. Grant of the instant request will permit those vessels to implement use of the SeaTel SE-125 while the Commission completes its review of Telesat's modification application.

*National Radio Quiet Zone*

Mt. Jackson is in a National Radio Quiet Zone. Accordingly, and in accordance with the requirements of Section 1.924 of the Commission's rules, Telesat previously notified the National Radio Astronomy Observatory (NRAO) of the technical details of the operations proposed herein.

Accordingly, and for good cause shown, Telesat respectfully requests that its STA request be granted.