

\*\* GRANT IN PART / DEFER IN PART \*\*

S2462 SAT-STA-20160617-00056 IB2016001366  
Skynet Satellite Corporation  
Telstar 12



File # SAT-STA-20160617-00056

Call Sign S2462 Grant Date 07/06/16

(or other identifier)

Term Dates period of  
From 07/07/16 To: 30 days

Approved by OMB  
3060-0678

Date & Time Filed: Jun 17 2016 9:59:24:453AM  
File Number: SAT-STA-20160617-00056  
Callsign:

Approved: Stephen J. Duall  
Stephen J. Duall  
Chief, Satellite Policy Branch

FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

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APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:  
STA to cover SAT-MOD-20160513-00050

I. Applicant

<b>Name:</b>	Skynet Satellite Corporation	<b>Phone Number:</b>	613-748-8700
<b>DBA Name:</b>		<b>Fax Number:</b>	613-748-8712
<b>Street:</b>	135 Route 202/206	<b>E-Mail:</b>	JForsy@telesat.com
<b>City:</b>	Bedminster	<b>State:</b>	NJ
<b>Country:</b>	USA	<b>Zipcode:</b>	07921 -
<b>Attention:</b>	John Forsy		

**ATTACHMENT TO GRANT**  
**Skynet Satellite Corporation**  
**IBFS File No. SAT-STA-20160617-00056**

<b>IBFS File No(s):</b>	SAT-STA-20160617-00056	<p><b>GRANTED IN PART – With Conditions</b></p>  <p><b>International Bureau Satellite Division</b></p>
<b>Licensee/Grantee:</b>	Skynet Satellite Corporation	
<b>Call Sign:</b>	S2462	
<b>Satellite Name:</b>	Telstar 12	
<b>Orbital Location: (required station-keeping tolerance)</b>	109.2° W.L. (± 0.05 degrees east/west)	
<b>Administration:</b>	United States	
<b>Nature of Service:</b>	Fixed-Satellite Service (FSS)	
<b>Scope of Grant:</b>	Skynet is granted special temporary, authority for 30 days, to operate the Telstar 12 space station at the 109.2° W.L. orbital location pursuant to the parameters set forth in IBFS File No. SAT-MOD-20160513-00050, as supplemented. <sup>1</sup>	
<b>Service Area(s):</b>	See Schedule S, Item S8 and accompanying .gxt files in IBFS File No. SAT-MOD-20160513-00050 and condition 1 below.	
<b>Frequencies:</b>	10.95-11.2 GHz (space-to-Earth) 11.45-12.2 GHz (space-to-Earth) 14.0-14.5 GHz (Earth-to-space)	

**Operations under this grant must comport with the legal and technical specifications set forth by the applicant or petitioner and with Federal Communication Commission's rules not waived herein. This grant is also subject to the following conditions:**

1. All operations under this grant of special temporary authority must be on an unprotected and non-harmful interference basis, *i.e.*, Skynet must not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating station. In the event of any harmful interference under this grant of special temporary authority, Skynet must cease operations immediately upon notification of such interference and must inform the Commission, in writing, immediately of such an event.
2. Skynet must maintain the Telstar 12 space station within an east-west longitudinal station-keeping tolerance of ±0.05 degrees of the 109.2° W.L. orbital location.
3. Skynet must operate in accordance with the beam configuration 1, as specified in its supplemental filing. See Letter from Joseph Godles, Counsel to Skynet Satellite Corp, to Jose P. Albuquerque, Chief, Satellite Division, dated July 1, 2016.
4. Skynet's use of the 10.95-11.2 GHz and 11.45-11.7 GHz frequency bands is limited to international operations in accordance with footnote NG52 to the United States Table of Frequency Allocations, 47 CFR § 2.106, NG52.
5. Skynet's use of the 10.95-11.2 GHz and 11.45-11.7 GHz (space-to-Earth) frequency bands is subject to footnote US211 to the United States Table of Frequency Allocations, 47 CFR § 2.106, US211, which urges applicants for airborne or space station assignments to take all practicable steps to protect radio astronomy observations in the adjacent bands from harmful interference, consistent with footnote US74.
6. Skynet's request for a waiver of Section 25.114(c)(4)(vi)(A) of the Commission's rules is GRANTED. Section 25.114(c)(4)(vi)(A) requires predicted space station antenna gain contour(s) for each transmit and

<sup>1</sup> Skynet's request to operate Telstar 12 using the 13.75-14.0 GHz (Earth-to-space) frequency band will be addressed separately at a later time.

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**IBFS File No. SAT-STA-20160617-00056**

each receive antenna beam and nominal orbital location requested. Skynet states that it is unable to provide antenna gain contours for the Telstar 12 telemetry, tracking, and command beams because neither Skynet nor the satellite's manufacturer, Space Systems/Loral could locate copies of the information due to the age of the satellite, which was launched in 1999. Under the circumstances, we find that other parts of the application (Tables 6 and 7) provide sufficient information to evaluate the potential for harmful interference from the operation of Telstar 12.

7. Skynet must conduct telemetry, tracking, and command operations for Telstar 12 at 109.2° W.L. from its facility at Mt. Jackson, Virginia.
8. This grant is without prejudice to any Commission's action in IBFS File No. SAT-MOD-2016051300050.
9. Any action taken and expense incurred as a result of operations pursuant to this grant of special authority is at Skynet's own risk.

Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as conditioned. Failure to respond within this period will constitute formal acceptance of the grant as conditioned.

This action is taken pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 CFR § 0.261, and is effective upon release.

Station licenses are subject to the conditions specified in Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. § 309(h).

<b>Action Date:</b>	July 6, 2016	
<b>Term Dates</b>	<b>From:</b> July 7, 2016	<b>To:</b> Period of 30 days

**Approved:**



Stephen J. Duall  
 Chief, Satellite Policy Branch

2. Contact			
<b>Name:</b>	Joseph A. Godles Esq.	<b>Phone Number:</b>	202-429-4900
<b>Company:</b>	Goldberg, Godles, Wiener & Wright LLP	<b>Fax Number:</b>	202-429-4912
<b>Street:</b>	1229 Nineteenth St. 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 SATMOD2016051300050 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    CRY – Space Station (Geostationary)			
5. Type Request			
<input type="radio"/> Change Station Location <input type="radio"/> Extend Expiration Date <input checked="" type="radio"/> Other			
6. Temporary Orbit Location XXX		7. Requested Extended Expiration Date	

8. 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.)

Special Temporary Authority is requested to operate T12 satellite as a point of communication at 109.2 deg WL starting July 7, 2016, for 30 days or until the application for permanent modification SAT-MOD-20160513-00050 can be granted, whichever is sooner.

9. 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  No

10. Name of Person Signing  
John Forsey

11. Title of Person Signing  
Vice President Public Policy

12. Please supply any need attachments.

Attachment 1: STA Request

Attachment 2:

Attachment 3:

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.**

## REQUEST FOR SPECIAL TEMPORARY AUTHORITY

Skynet Satellite Corporation ("Skynet"), pursuant to Section 25.120 of the Commission's Rules, hereby requests special temporary authority ("STA") to operate Telstar 12 (call sign S2462) from its new orbital location, 109.2° WL, in accordance with the technical specifications set forth in Skynet's pending application to modify its license for Telstar 12.<sup>1</sup> Skynet asks that its STA commence on July 7, 2016 and have a term of 30 days.

Skynet is in the process of relocating Telstar 12 from 15° W.L. to 109.2° W.L. pursuant to STAs the Commission previously granted.<sup>2</sup> Telstar 12 will arrive at 109.2° WL on July 7, 2016, at which time it will be available for service at its new location. But the Telstar 12 Modification Application has not appeared on public notice and will not be grantable by July 7. Skynet is requesting an STA so it can provide service on an interim basis while the Telstar 12 Modification Application is pending.

Skynet's STA request is supported by good cause. Authorizing Skynet to operate Telstar 12 at 109.2° WL will enable it to provide additional capacity to support services in the United States, the Caribbean, and Central and South America. This additional capacity will redound to the benefit of customers because of rate competition and a greater diversity of services. Grant of Skynet's STA request, therefore, is in the public interest.

Operating Telstar 12 at 109.2° WL, moreover, presents no interference concerns. Skynet has demonstrated in the Technical Exhibit accompanying its Telstar 12 Modification Application that these operations are compatible with adjacent satellites and with stations in shared bands. In any event, operation pursuant to the STA requested in this filing will be on a secondary, non-interference basis.

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

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<sup>1</sup> See File No. SAT-MOD-20160513-00050 (the "Telstar 12 Modification Application"). Skynet will operate Telstar 12 at 109.2° WL in accordance with an exchange of letters between the United States and Canada.

<sup>2</sup> See SAT-STA-20160513-00049.