



File # SAT-STA-20190911-00089

Call Sign S2462 Grant Date 10/31/19  
(or other identifier)

From 10/05/19 Term Dates period of  
To: 180 days

Approved: Stephen J. Duall

Stephen J. Duall  
Chief, Satellite Policy Branch

Approved by OMB  
3060-0678

Date & Time Filed: Sep 11 2019 4:36:50:526PM  
File Number: SAT-STA-20190911-00089  
Callsign:

International Bureau  
\*with conditions

FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY  
FOR OFFICIAL USE ONLY


APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:  
T12 station keeping STA extension

1. Applicant

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

**ATTACHMENT TO GRANT**  
 Skynet Satellite Corporation  
 IBFS File No. SAT-STA-20190911-00089

<b>IBFS File No(s):</b>	SAT-STA-20190911-00089	<b>GRANTED – With Conditions</b>    <b>International Bureau Satellite Division</b>
<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. (± 0.10 degrees east/west)	
<b>Administration:</b>	United States of America	
<b>Nature of Service:</b>	Fixed-Satellite Service (FSS)	
<b>Scope of Grant:</b>	Special temporary authority, for a period of 180 days, to increase the station keeping tolerance of the Telstar 12 space station at the 109.2° W.L. orbital location to ±0.10 degrees.	
<b>Service Area(s):</b>	United States, Caribbean, Central America, South America. <i>See</i> Schedule S and accompanying .gxt files. IBFS File No. SAT-MOD-20160513-00050.	
<b>Frequencies:</b>	10.95-11.2 GHz (space-to-Earth) 11.45-11.7 GHz (space-to-Earth) 13.75-14.0 GHz (Earth-to-space) 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. Except as provided in this special temporary authority, all other operations of Telstar 12 are pursuant to the parameters set forth in IBFS File No. SAT-MOD-20160513-00050.<sup>1</sup>
2. Skynet is granted a waiver of section 25.210(j) of the Commission's rules, 47 CFR. § 25.210(j). Section 25.210(j) requires geostationary space stations to be “be maintained within 0.05° of their assigned orbital longitude in the east/west direction, unless specifically authorized by the Commission to operate with a different longitudinal tolerance.” Skynet proposes to operate Telstar 12 at the 109.2° W.L. orbital location with an east-west station-keeping tolerance of ±0.10 degrees. Skynet states that with a ±0.10° tolerance it will come no closer than .6° to the closest satellites, EchoStar 10 and EchoStar 11, and will have an even greater separation to the next closest satellite, MSAT-1, which is controlled by Skynet’s parent Telesat. Skynet also states that allowing Telstar 12 to operate with an increased station-keeping volume will enable Skynet to maximize the spacecraft’s life and fuel, extending the time service may be provided by approximately six months. The operations permitted by this temporary authority shall terminate in the event that a satellite is launched into a location such that its station-keeping volume would overlap Telstar 12’s ±0.10 degree station-keeping volume, but would not overlap Telstar 12’s ±0.05 degree station-keeping volume, unless Skynet has successfully coordinated Telstar 12’s physical operations with those of the other spacecraft.
3. Any action taken and expense incurred as a result of operations pursuant to this grant of special authority is at Skynet’s own risk.

<sup>1</sup> Skynet Satellite Corporation, IBFS File No. SAT-MOD-20171106-00150 (granted March 8, 2018).


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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>	October 31, 2019	
<b>Term Dates</b>	<b>From:</b> October 5, 2019	<b>To:</b> period of 180 days

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

2. Contact

<b>Name:</b>	Joseph A. Godles	<b>Phone Number:</b>	202-429-4900
<b>Company:</b>	Goldberg, Godles, Wiener & Wright LLP	<b>Fax Number:</b>	
<b>Street:</b>	1025 Connecticut Ave, NW Ste 1000	<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 SATSTA2019083000086 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    CRY – Space Station (Geostationary)

5. Type Request

- Change Station Location                       Extend Expiration Date                       Other

6. Temporary Orbit Location

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.)

STA to permit waiver of station keeping rules to allow for a separation tolerance of +/- 0.10 deg.

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  
Elisabeth Neasmith

11. Title of Person Signing  
Director, Spectrum Management & Development

12. Please supply any need attachments.

Attachment 1: Attachment 1

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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