

S2462 SAT-STA-20160513-00049 IB2016001103
Skynet Satellite Corporation
Telstar 12



File # SAT-STA-20160513-00049

Call Sign S2462 Grant Date 05/26/16
(or other identifier)

Term Dates period of
From 06/18/16 To: 30 days

Approved by OMB
3060-0678

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

Date & Time Filed: May 13 2016 12:06:23:180PM
File Number: SAT-STA-20160513-00049
Callsign:

*with conditions

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 extend move from 15WL to 109WL

I. Applicant

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

ATTACHMENT TO GRANT
 Skynet Satellite Corporation
 IBFS File No. SAT-STA-20160513-00049

IBFS File No(s):	SAT-STA-20160513-00049	GRANTED – With Conditions  International Bureau Satellite Division
Licensee/Grantee:	Skynet Satellite Corporation	
Call Sign:	S2462	
Satellite Name:	Telstar 12	
Orbital Location: (required station-keeping tolerance)	Drift from 15° W.L. to 109.2° W.L.	
Administration:	United States of America	
Nature of Service:	Fixed-Satellite Service	
Scope of Grant:	Skynet is granted special temporary authority, for a period of 30 days, to conduct telemetry, tracking, and command (TT&C) operations with the Telstar 12 space station necessary to drift the space station from the 15° W.L. orbital location to the 109.2° W.L. orbital location using the 11.4505 GHz and 14.499 GHz frequencies.	
Service Area(s):	Not applicable	
Frequencies:	11.4505 GHz (space-to-Earth) 14.499 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. In the event of harmful interference during the drift of the Telstar 12 space station to the 109.2° W.L. orbital location, Skynet must cease operations immediately upon notification of such interference and must immediately inform the Commission, in writing, of such an event.
2. During the drift to the 109.2° W.L. orbital location, Skynet is limited to TT&C operations and may not operate the communications payload on the Telstar 12 space station.
3. Skynet must coordinate the operations of Telstar 12 with existing geostationary space stations to ensure that no unacceptable interference results from its operations during drift.
4. Grant of this special temporary authority is without prejudice to Skynet’s pending application for authority to operate Telstar 12 at the 109.2° W.L. orbital location. See IBFS File No. SAT-MOD-20160513-00050.
5. Any action taken and expense incurred as a result of operations pursuant to this grant of special temporary authority is at Skynet’s own risk.
6. Skynet must notify the Chief, Satellite Division, in writing, of the date that the Telstar 12 space station departs the 15° W.L. orbital location within three business days of the departure date.

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 C.F.R. § 0.261, and is effective upon release.

ATTACHMENT TO GRANT
Skynet Satellite Corporation
IBFS File No. SAT-STA-20160513-00049

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).

Action Date:	May 26, 2016
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Term Dates	From: June 18, 2016	To: period of 30 days
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Approved:



Stephen J. Duall
Chief, Satellite Policy Branch

2. Contact

Name:	Joseph A. Godles Esq.	Phone Number:	202-429-4900
Company:	Goldberg, Godles, Wiener & Wright LLP	Fax Number:	202-429-4912
Street:	1229 Nineteenth St. N.W.	E-Mail:	jgodles@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 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
000

7. Requested Extended Expiration Date
2016-07-19 00:00:00.0

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.)

Pursuant to Section 25.120 of the Commission's rules, Skynet Satellite Corporation ('Skynet') hereby requests and extension of Special Temporary Authority for thirty (30) days to relocate Telstar 12 from 15 degrees WL to 109.2 degrees WL.

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
Chris DiFrancesco

11. Title of Person Signing
Secretary

12. Please supply any need attachments.

Attachment 1: STA extension

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 a 30-day extension of special temporary authority ("STA") to relocate Telstar 12 (call sign S2462) from 15° WL to 109.2° WL. During the relocation, T12's communications payload will be turned off and Skynet will operate only T12's telemetry, tracking, and command ("TT&C") payload on 11.4505 and 14.499 GHz.

Skynet previously filed an initial request for an STA for thirty (30) days to move Telstar 12 from 15° WL to 109.2° WL.¹ It is anticipated, however, that the relocation will last approximately fifty (50) days. Skynet, therefore, is seeking an STA to cover the portion of the relocation that is not covered by its initial STA request. Out of an abundance of caution, moreover, Skynet is seeking a 30-day extension, rather than a 20-day extension, to provide for unexpected contingencies.

Skynet requests that its 30-day STA extension run from the expiration of its initial STA. That date is unknown at this time, because Skynet's initial STA request is pending. Skynet also will be filing an application to provide U.S. service via Telstar 12 from 109.2° WL pursuant to an inter-administration arrangement between the United States and Canada.

Skynet's STA extension request is supported by good cause. As outlined in its initial STA request, the traffic that had been on Telstar 12 has been offloaded to Telstar 12V which operates at the 15° WL position previously occupied by T12. Relocating Telstar 12 to 109.2° WL will enhance competition and consumer choice by making it possible, subject to grant of the Telstar 12 U.S. service application, for Skynet to provide service from an additional orbital location.

Relocating Telstar 12 from 15° WL to 109.2° WL, moreover, will be consistent with the Commission's requirements for avoiding harmful interference and guarding against orbital debris. Skynet will coordinate with potentially affected satellite operators to ensure that Telstar 12's TT&C signals will not interfere with their networks during the relocation. In any event, Telstar 12's TT&C communications pursuant to the STA requested herein will be on a secondary, non-interference basis.

In addition, during its drift Telstar 12 will be physically separated from active geostationary satellites, using an orbit that is approximately 150 km above the geostationary satellite orbit. Skynet will continue to employ all the safeguards in place for its satellites that are on station. It will notify MIT's Lincoln Laboratories and JsPOC of the drift and updated orbital parameters. Skynet also will obtain updated information on other space objects from Lincoln Laboratories and JsPOC, and any close approaches will be analyzed using this data and automated processing. Evasive action will be taken if required to minimize risk of collision.

¹ File No. SAT-STA-20160510-00046.

As detailed in its initial STA request, Skynet respectfully requests a waiver of Footnote NG52 of the U.S. Table of Allocations (formerly footnote NG103). That footnote limits to international services² operations on the 11.4505 GHz frequency Skynet will be using during Telstar 12's drift. It is unclear whether this requirement applies to operations pursuant to the proposed STA, which will be on a secondary, non-interference basis rather than on the primary basis provided for in the Table of Allocations. To the extent needed, however, Skynet respectfully requests a waiver.

Grant of a waiver would be consistent with precedents in which the Commission has waived NG52/NG103 because: (1) the footnote is intended to prevent a proliferation of earth stations in the affected bands; and (2) only a limited number of earth stations in the affected bands had been proposed.³ In this case, Skynet will operate only a single TT&C earth station in the affected bands.

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

² See 47 C.F.R. § 2.106, footnote NG52.

³ See, e.g., *EchoStar KuX Corporation*, Order and Authorization, DA 04-3162 (Sept. 30, 2004), ¶¶ 14-17 (EchoStar granted a waiver of NG104 permitting it to operate a single TT&C station in the United States).