

S2401 SAT-STA-20120910-00146 IB2012002081
Intelsat License LLC
Intelsat 706

Date & Time Filed: Sep 10 2012 5:21:25:023PM
File Number: SAT-STA-20120910-00146
Callsign:



File # SAT-STA-20120910-00146
Call Sign S2401 Grant Date 09/26/12
(or other identifier) Term Dates period of
From 09/15/12 To: 30 days
Approved: Stephen J. Duall
Stephen J. Duall
Chief, Satellite Policy Branch

Approved by OMB
3060-0678

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:
Request for Extension of Special Temporary Authority to Drift and Operate Intelsat 706, Call Sign S2401

1. Applicant

Name:	Intelsat License LLC	Phone Number:	202-944-7848
DBA Name:		Fax Number:	202-944-7870
Street:	c/o Intelsat Corporation 3400 International Drive, N.W.	E-Mail:	susan.crandall@intelsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20008 -3006
Attention:	Susan H. Crandall		

Intelsat License LLC
IBFS File No. SAT-STA-20120910-00146
Call Sign: S2401

The application of Intelsat License LLC (Intelsat) for special temporary authority, IBFS File No. SAT-STA-20120910-00146, IS GRANTED. Specifically, Intelsat is authorized, for a period of 30 days, commencing on September 15, 2012, to continue Telemetry, Tracking, and Command (TT&C) operations with the Intelsat 706 space station (Call Sign S2401) necessary to drift the space station from the 72.0° E.L. orbital location to the 157.0° E.L. orbital location using the following frequencies: 6173.7 MHz and 6176.3 MHz (Earth-to-space); 3947.5 MHz, 3948.0 MHz, 3952.5 MHz, and 3952.0 MHz (space-to-Earth).¹ Operations under this authorization must be in accordance with the terms and conditions contained in Intelsat's application, the Federal Communications Commission's rules not waived herein, and are subject to the following conditions:

1. All operations under this grant of special temporary authority shall be on an unprotected and non-harmful interference basis, *i.e.*, Intelsat shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radiocommunication system.

2. In the event of any harmful interference as a result of the operations under this grant of special temporary authority, Intelsat shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.


3. Intelsat shall coordinate the operations of Intelsat 706 with existing geostationary space stations to ensure that no unacceptable interference results from its operations during drift to the 157.0° E.L. orbital location.

4. Intelsat shall operate only the TT&C frequencies on Intelsat 706 during the space station's drift from the 72.0° E.L. orbital location to the 157.0° E.L. orbital location.

5. Any action taken or expense incurred as a result of operations pursuant to this grant of special temporary authority is at Intelsat's own risk.

6. Intelsat shall maintain full operational control of Intelsat 706 at all times.

7. 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.

 GRANTED* International Bureau *with conditions	File # <u>SAT-STA-20120910-00146</u>
	Call Sign <u>S2401</u> Grant Date <u>09/26/12</u> (or other identifier)
	Term Dates <u>period of</u> From <u>09/15/12</u> To: <u>30 days</u>
	Approved: <u>Steph J Duall</u> Steph J. Duall Chief, Satellite Policy Branch

¹ In the instant application, Intelsat indicates that it seeks only to continue TTC operations necessary to continue to drift Intelsat 706 from the 72.0° E.L. orbital location to the 157.0° E.L. orbital location, and that it intends shortly to file a license modification application seeking operational authority at the 157.0° E.L. orbital location.

2. Contact	
Name: Susan H. Crandall	Phone Number: 202-944-7848
Company: Intelsat Corporation	Fax Number: 202-944-7870
Street: 3400 International Drive, N.W.	E-Mail: susan.crandall@intelsat.com
City: Washington	State: DC
Country: USA	Zipcode: 20008 -3006
Attention: Susan H. Crandall	Relation: <input type="checkbox"/> Ship <input type="checkbox"/> Counsel
<input type="checkbox"/> 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 <input type="checkbox"/>	
<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 checked="" type="radio"/> Other (please explain)	
4b. Fee Classification CRY - Space Station <input type="checkbox"/> geostationary <input type="checkbox"/>	
5. Type Request	
<input checked="" type="radio"/> Change Station Location	<input checked="" type="radio"/> Extend Expiration Date <input type="radio"/> Other
6. Temporary Orbit Location	
7. Requested Extended Expiration Date	
2012-10-14 00:00:00.0	

<p>8. Description <input type="checkbox"/> If the complete description does not appear in this box, please go to the end of the form to view it in its entirety. <input type="checkbox"/></p> <div style="border: 1px solid black; padding: 5px;"> <p>Intelsat License LLC herein requests an additional 30 days, through October 14, 2012, of the Special Temporary Authority originally granted Intelsat to drift Intelsat 706 (call sign S2401) from 72.0 E.L. to 157.0 E.L., where it will eventually operate in the C- and Ku-bands in inclined orbit.</p> </div>					
<p>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.</p> <p style="text-align: right;"> <input checked="" type="radio"/> Yes <input type="radio"/> No </p>					
<p>10. Name of Person Signing Susan H. Crandall</p>	<p>11. Title of Person Signing Asst. General Counsel, Intelsat Corporation</p>				
<p>12. Please supply any need attachments.</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Attachment 1: STA Request</td> <td style="width: 50%;">Attachment 2:</td> </tr> <tr> <td></td> <td>Attachment 3:</td> </tr> </table>		Attachment 1: STA Request	Attachment 2:		Attachment 3:
Attachment 1: STA Request	Attachment 2:				
	Attachment 3:				
<p style="text-align: center;"> WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCAION OF ANY STATION AUTHORITY (U.S. Code, Title 47, Section 312) AND/OR FORFEITURE (U.S. Code, Title 47, Section 503) </p>					

FCC N O I C E E E E E E D B P A P E E E E E D C N A C

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F F E E N N O C E S E E E E D B P A P E E E E E D C N A C F P B A - C B E
S I C I S E C N

September 10, 2012

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554



Re: Request for Extension of Special Temporary Authority to Drift
Intelsat 706
Call Sign S2401

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 30 days—through October 14, 2012—of the Special Temporary Authority ("STA")¹ originally granted Intelsat to drift Intelsat 706 (call sign S2401) from 72.0° E.L. to 157.0° E.L., where it will eventually operate in the C- and Ku-bands² in inclined orbit.³ As explained below and in the original STA request, Intelsat 706 is being redeployed to 157.0° E.L. on an emergency basis, in order to free up Intelsat 701 to move to 330.5° E.L. to ensure traffic continuity at 330.5° E.L. in light of the recently-incurred Intelsat 23 launch delay. Intelsat currently expects to operate Intelsat 706 at 157.0° E.L. until the satellite is de-orbited in the second half of 2014.

Intelsat 706 currently is drifting to 157.0° E.L. and is expected to be on-station at that location in mid-February 2013. During the drift of Intelsat 706 from 72.0° E.L. to 157.0° E.L., Intelsat will continue to operate only the satellite's TT&C frequencies and will coordinate the drift with potentially affected operators.

The specific TT&C frequencies are as follows:

Uplink:

¹ Intelsat has filed this STA request, an FCC Form 159 and an \$860.00 filing fee electronically via the International Bureau's Filing System.

² See *Policy Branch Information; Actions Taken*, Report No. SAT-00890, File No. SAT-STA-20120809-00126 (Aug. 17, 2012) (Public Notice). Intelsat continues to seek only drift authority and intends shortly to file a permanent license modification application seeking operational authority at 157.0° E.L.

³ Intelsat 706 began operating in inclined orbit mode last year. See Letter from Susan H. Crandall, Intelsat, to Marlene H. Dortch, FCC, Call Sign S2401 (filed July 20, 2011).

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6173.7 (LHCP)
6176.3 (LHCP)

Downlink:

3947.5 (RHCP)
3948.0 (RHCP)
3952.5 (RHCP)
3952.0 (RHCP)

Grant of this STA extension request is in the public interest because it will allow Intelsat to continue the redeployment process necessary to ensure continuity of service at 330.5° E.L., where Intelsat 801 (call sign S2391) currently operates. Given the recent failure of the Proton rocket, the launch of Intelsat 23 (call sign S2831), which is to replace Intelsat 707 (call sign S2398) at 307.0° E.L., will be delayed. As a result, Intelsat 707 may not have sufficient fuel to be redeployed to 330.5° E.L. as planned. Accordingly, Intelsat has decided to redeploy Intelsat 701, which currently operates at 157.0° E.L., to 330.5° E.L. in order to ensure service continuity at the latter location. Intelsat 706 is being redeployed immediately in order to free up Intelsat 701 to move to 330.5° E.L.

Grant of this STA extension request will not result in increased risk of harmful interference. Intelsat will continue to coordinate the drift with all potentially affected operators.

Intelsat has assessed and limited the probability of the space station becoming a source of debris as a result of collision with large debris or other operational space stations. Except briefly while collocated with Intelsat 701, Intelsat 706 will not be located at the same orbital location as another satellite or at an orbital location that has an overlapping station-keeping volume with another satellite. Further, Intelsat is not aware of any other FCC licensed system, or any other system applied for and under consideration by the FCC, having an overlapping station-keeping volume with Intelsat 706 at 157.0° E.L. Finally, Intelsat is not aware of any system with an overlapping station-keeping volume with Intelsat 706 at 157.0° E.L. that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

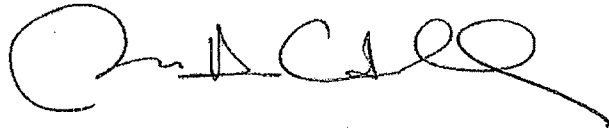
Intelsat requests that the Part 25 waivers originally granted to the Intelsat 706 spacecraft continue to apply at the 157.0° E.L. location,

Ms. Marlene H. Dortch
September 10, 2012
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namely, the waivers of Sections 25.202(g), 25.210(a)(1), 25.210(a)(3), 25.210(i) and 25.211(a) of the Commission's rules.⁴

For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this extension.

Sincerely,



Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Robert Nelson
Stephen Duall
Jay Whaley

⁴ See *Applications of Intelsat LLC for Authority to Operate and Further Construct, Launch, and Operate C-Band and Ku-Band Satellites that Form a Global Communications System in Geostationary Orbit*, 15 FCC Rcd 15460, 15529 (Appendix C) (2000) (Memorandum Opinion and Order and Authorization), *recon. denied*, 15 FCC Rcd 25234 (2000) (Order on Reconsideration).