

S2460 SAT-STA-20130624-00086 IB2013001348  
Intelsat License LLC  
Intelsat 8



\*with conditions

File # SAT-STA-20130624-00086

Call Sign S2460 Grant Date 07/11/13  
(or other identifier)

Term Dates period of  
From 07/04/13 To: 60 days

Approved by OMB  
3060-0678

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

Date & Time Filed: Jun 24 2013 3:45:54:953PM  
File Number: SAT-STA-20130624-00086  
Callsign:

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 Further Extension of Special Temporary Authority to Drift and Operate Intelsat 8 (Call Sign S2460)

1. Applicant

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

**Intelsat License LLC**  
**IBFS File No. SAT-STA-20130624-00086**  
**Call Sign: S2460**

The application of Intelsat License LLC (Intelsat) for special temporary authority, IBFS File No. SAT-STA-20130624-00086, is GRANTED. Specifically, Intelsat is authorized, for a period of 60 days, commencing July 4, 2013, to conduct telemetry, tracking, and command functions necessary to maintain the Intelsat 8 space station (Call Sign S2460) at the 169.0° E.L. orbital location using the following center frequencies: 12.747 GHz (space-to-Earth), 12.748 GHz (space-to-Earth) and the 13.998 GHz (Earth-to-space). Intelsat is also authorized to operate Intelsat 8 temporarily at the 169.0° E.L. orbital location to provide Fixed-Satellite Service (FSS) in the 3700-4200 MHz (space-to-Earth), 5925-6425 MHz (Earth-to-space), 12.25-12.75 GHz (space-to-Earth), and 14.0-14.5 GHz (Earth-to-space) frequency bands. Operations under this special temporary authorization must be in accordance with the conditions set forth in IBFS File No. SAT-STA-20121105-00191.

 <b>GRANTED*</b> International Bureau *with conditions	<b>File #</b> <u>SAT-STA-20130624-00086</u>
	<b>Call Sign</b> <u>S2460</u> <b>Grant Date</b> <u>07/11/13</u> (or other identifier)
	<b>Term Dates</b> period of <b>From</b> <u>07/04/13</u> <b>To:</b> <u>60 days</u>
	<b>Approved:</b> <u>Stephen J. Duall</u> Stephen J. Duall Chief, Satellite Policy Branch

2. Contact

<b>Name:</b>	Susan H. Crandall	<b>Phone Number:</b>	202-944-7848
<b>Company:</b>	Intelsat Corporation	<b>Fax Number:</b>	202-944-7870
<b>Street:</b>	3400 International Drive, N.W.	<b>E-Mail:</b>	susan.crandall@intelsat.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20008 -3006
<b>Attention:</b>	Susan H. Crandall	<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 SATAMD2012081500131 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

2013-09-01 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.)

Intelsat License LLC herein requests an additional 60 days, from July 4, 2013 through September 1, 2013, of the Special Temporary Authority previously granted Intelsat to drift Intelsat 8 (call sign S2460) from 166.0 E.L. to 169.0 E.L. and operate at 169.0 E.L.

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  
Susan H. Crandall

11. Title of Person Signing  
Asst. General Counsel, Intelsat Corporation

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).

**FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT**

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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.**

June 24, 2013

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



Re: Request for Further Extension of Special Temporary Authority to Drift and Operate Intelsat 8 (Call Sign S2460)

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 60 days—from July 4, 2013 through September 1, 2013—of the Special Temporary Authority ("STA")<sup>1</sup> previously granted Intelsat to drift Intelsat 8 (call sign S2460) from 166.0° E.L. to 169.0° E.L. and operate at 169.0° E.L.<sup>2</sup> Intelsat 8 is currently operating at 169.0° E.L.<sup>3</sup>

At 169.0° E.L., Intelsat will continue to utilize the specific TT&C frequencies below:

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, an \$860.00 filing fee and this supporting letter electronically via the International Bureau's Filing System ("IBFS").

<sup>2</sup> See *Intelsat License LLC*, Request for Further Extension of Special Temporary Authority to Drift and Operate Intelsat 8, Call Sign S2460, File No. SAT-STA-20130429-00062 (filed Apr. 29, 2013); *Policy Branch Information; Actions Taken*, Report No. SAT-00935, File No. SAT-STA-20130228-00027 (Mar. 8, 2013) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-00923, File No. SAT-STA-20130102-00003 (Jan. 11, 2013) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-00914, File No. SAT-STA-20121105-00191 (Nov. 30, 2012) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-00896, File No. SAT-STA-20120815-00132 (Sept. 7, 2012) (Public Notice). Intelsat has filed an amendment to its pending application to modify the Intelsat 8 license to seek redeployment and operational authority at 169.0° E.L. rather than 169.1° E.L. See *Policy Branch Information; Satellite Applications Accepted for Filing*, File Nos. SAT-AMD-20120815-00131 (Sept. 7, 2012) and SAT-MOD-20120619-00100 (July 20, 2012) (Public Notice).

<sup>3</sup> The end of service life projection for Intelsat 8, assuming station-kept operations, is now expected to be Q2 2016.

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Uplink:

13998.0 MHz (RHCP)

Downlink:

12747.0 MHz (H)

12748.0 MHz (V)

12747.0 MHz (LHCP)

12748.0 MHz (RHCP)

At 169.0° E.L, Intelsat will continue to use the communications frequencies below:

Uplink:

5925 – 6425 MHz

14000 – 14500 MHz

Downlink:

3700 – 4200 MHz

12250-12750 MHz

Grant of this STA extension request is in the public interest because it will allow Intelsat to continue providing service at the 169.0° E.L. location. In addition, grant will allow the FCC additional time to process the pending application for permanent authority to operate Intelsat 8 at 169.0° E.L.

Grant of this STA extension request will not result in increased risk of harmful interference. Intelsat will continue to operate Intelsat 8 at 169.0° E.L. in accordance with its coordination agreements governing the location.

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. Intelsat 8 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 8 at 169.0° E.L. Finally, Intelsat is not aware of any system with an overlapping station-

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keeping volume with Intelsat 8 at 169.0° E.L. that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

Intelsat also requests that the waiver previously granted Intelsat 8 of Section 2.106 with respect to use of the 12250-12750 MHz frequency band on a non-interference, non-protected basis in ITU Region 2 continue to apply at 169.0° E.L.<sup>4</sup>

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

Sincerely,



Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

cc: Stephen Duall  
Jay Whaley  
Cindy Spiers

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<sup>4</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-00896, File No. SAT-STA-20120815-00132 (Sept. 7, 2012) (Public Notice). See also *PanAmSat Licensee Corp. Application for Modification of Authority to Operate the PAS-5 Satellite at the 166° E.L. Orbital Location*, Order and Authorization, DA 06-6, File Nos. SAT-MOD-19980928-00078, SAT-AMD-19990222-00024, SAT-AMD-20020326-00055, SAT-STA-20020705-00097, and SAT-AMD-20051116-00220, 21 FCC Rcd 36, ¶ 1 (Jan. 4, 2006). The Intelsat 8 satellite previously was known as PAS-5.