

S2395 SAT-STA-20100823-00180
Intelsat North America LLC
Intelsat 705

IB2010002625

File # SAT-STA-20100823-00180

Call Sign S2395 Grant Date 03/07/10

(or other identifier)

Term Dates From 08/29/10 To: 60 days period of

Approved by OMB
3060-0678

Approved: Stephen J. Duall

Stephen J. Duall
Chief, Satellite Policy Branch



Date & Time Filed: Aug 23 2010 4:59:59:466PM
File Number: SAT-STA-20100823-00180
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 STA to Drift Intelsat 705 to and Operate at 330.5 E.L. (29.5 W.L.) (Call Sign S2395)

1. Applicant

Name:	Intelsat North America 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		

Attachment to Grant
Application of Intelsat North America, LLC
IBFS File No. SAT-STA-20100823-00180

The application of Intelsat North America, LLC (Intelsat), IBFS File No. SAT-STA-20100823-00180, for special temporary authority is granted. Accordingly, Intelsat is authorized, for a period of 60 days beginning August 29, 2010, to continue to conduct telemetry, tracking and telecommand (TT&C) necessary to drift its C- and Ku-band space station, Intelsat 705 (Call Sign S2395), from its assigned to orbital location of 50° W.L. to the 29.5° W.L. orbital location, and to provide Fixed-Satellite Service (FSS) temporarily at the 29.5° W.L. orbital location. Intelsat is authorized to conduct TT&C during the drift to 29.5° W.L. and while operating temporarily at 29.5° using the following frequencies: 3947.5 MHz, 3948.0 MHz, 3952.5 MHz, 3952.0 MHz (space-to-Earth), and 6173.7 MHz and 6176.3 MHz (Earth-to-space). Intelsat is authorized to continue to provide FSS at the 29.5° W.L. temporarily under this STA in the following frequency bands: 3700-4200 MHz (space-to-Earth), 10950-11200 MHz (space-to-Earth), 11700-11950 MHz (space-to-Earth), 1150-11700 MHz (space-to-Earth), 12500-12750 MHz (space-to-Earth), and 5925-6425 MHz (Earth-to-space), 14000-14500 MHz (Earth-to-space). This authorization is granted in accordance with the terms, conditions, and technical specifications set forth in Intelsat's application, the Federal Communication Commission's rules, and the conditions of this attachment.

1. All operations shall be on an unprotected and non-harmful interference basis, *i.e.*, Intelsat 705 shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station.
2. In the event of any harmful interference, Intelsat shall cease operations immediately upon notification of such interference, and shall inform the Commission, in writing, immediately of such an event.
3. Intelsat shall coordinate its operations with existing geostationary satellites to ensure that no unacceptable interference results from its temporary operations at the 29.5° W.L. orbital location or from its TT&C operations during the drift to the 29.5° W.L. orbital location.
4. During the drift to 29.5° W.L. location, Intelsat will utilize only the TT&C frequencies specified above, and will operate pursuant to existing coordination agreements for Intelsat 705.
5. Intelsat shall operate the Intelsat 705 space station at the 29.5° W.L. orbital location in compliance with all existing or future coordination agreements for that location.
6. Use of the 12.5-12.75 GHz frequency bands is not permitted for Fixed-Satellite Service in the space-to-Earth direction in Region 2.

7. In connection with the provision of service in any particular country, Intelsat is obliged to comply with the applicable laws, regulations, rules, and licensing procedures of that country.
8. Grant of this authorization is without prejudice to any determination that the Commission may make regarding Intelsat's pending application for permanent operations of the Intelsat 705 space station at the 29.5° W.L. orbital location (IBFS File No. SAT-MOD-20100115-00010).
9. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat's own risk.
10. Grant of this application does not change the expiration date of the authorization for Intelsat 705, which is August 8, 2015.
11. Intelsat is afforded thirty days from the date of release of this grant and authorization to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.
12. 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. Petitions for reconsideration under Section 1.106 or applications for review under Section 1.115 of the Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be filed within 30 days of the date of the public notice indicating that this action was taken.



* with conditions

File # SAT-STA-20100823-00180

Call Sign S2395 Grant Date 09/07/10
 (or other identifier)

Term Dates period of
 From 08/29/10 To: 60 days

Approved: Stephen J. Duall

Stephen J. Duall
 Chief, Satellite Policy Branch

2. Contact			
Name:	Susan H. Crandall	Phone Number:	202-944-7848
Company:	Intelsat North America LLC	Fax Number:	202-944-7870
Street:	c/o Intelsat Corporation	E-Mail:	susan.crandall@intelsat.com
	3400 International Drive, N.W.		
City:	Washington	State:	DC
Country:	USA	Zipcode:	20008 -3006
Attention:	Susan H. Crandall	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 SATMOD2010011500010 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 checked="" type="radio"/> Extend Expiration Date <input type="radio"/> Other			
6. Temporary Orbit Location 330.5 E.L.			7. Requested Extended Expiration Date 2010-10-25 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 North America LLC herein requests an additional 60-day extension, through October 25, 2010, of the Special Temporary Authority previously granted Intelsat to drift the Intelsat 705 satellite (call sign S2395) from 310.0 E.L. (50 W.L.) to 330.5 E.L. (29.5 W.L.) and then operate the satellite at the 330.5 E.L. (29.5 W.L.) location.

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

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to PRA@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

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.

August 23, 2010

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



Re: Request for Further Extension of Special Temporary Authority for
Intelsat 705 to Drift to and Operate at 330.5° E.L. (29.5° W.L.)
Call Sign: S2395

Dear Ms. Dortch:

Intelsat North America LLC ("Intelsat") herein requests an additional 60-day extension – through October 25, 2010 – of the Special Temporary Authority ("STA")¹ previously granted Intelsat to drift the Intelsat 705 satellite (call sign S2395) from 310.0° E.L. (50° W.L.) to 330.5° E.L. (29.5° W.L.) and then operate the satellite at the 330.5° E.L. (29.5° W.L.) location.² Intelsat has a pending application to modify the Intelsat 705 license to allow it to relocate the satellite to, and operate at, 330.5° E.L. (29.5° W.L.),³ where it is currently co-located with Intelsat 801.⁴

Grant of this STA further extension request is in the public interest because it will enable Intelsat to continue to provide robust service to customers.

¹ Intelsat has filed this STA request, an FCC Form 159 and an \$830.00 filing fee electronically via the International Bureau's Filing System.

² See *Policy Branch Information; Actions Taken*, Report No. SAT-00670, File No. SAT-STA-20100205-00023-00023 (Mar. 5, 2010) (Public Notice); Report No. SAT-00687, File No. SAT-STA-20100423-00083 (May 7, 2010) (Public Notice); Report No. SAT-00709, File No. SAT-STA-20100624-00146 (Jul. 23, 2010) (Public Notice).

³ See *Policy Branch Information; Actions Taken*, Report No. SAT-00669, File No. SAT-MOD-20100115-00010 (Mar. 5, 2010).

⁴ See *Policy Branch Information; Actions Taken*, Report No. SAT-00668, File No. SAT-STA-20091216-00146 (Feb. 26, 2010) (Public Notice); Report No. SAT-00690, File No. SAT-STA-20100416-00079 (May 14, 2010); Report No. SAT-00715, File No. SAT-STA-20100616-00139 (Aug. 13, 2010); *Intelsat North America LLC, Request for Extension of Special Temporary Authority for Intelsat 801*, File No. SAT-STA-20100816-00177 (filed Aug. 16, 2010).

Ms. Marlene H. Dortch
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Grant of the STA further extension also will serve the public interest by affording the Commission additional time to complete its review of Intelsat's pending modification application to relocate Intelsat 705 to, and operate at, 330.5° E.L. (29.5° W.L.). Intelsat understands and accepts that a grant to further extend this STA would not prejudice the Commission's determination of Intelsat's request to operate Intelsat 705 at 330.5° E.L. (29.5° W.L.) on a permanent basis, and operation of the satellite at that location pursuant to STA is at Intelsat's risk.

Grant of this STA further extension request will not result in increased risk of harmful interference. At the 330.5° E.L. (29.5° W.L.) location, Intelsat will continue to operate the satellite's communications payload in conformance with its coordination agreements covering the location as well as the Commission's rules regarding two-degree spacing.

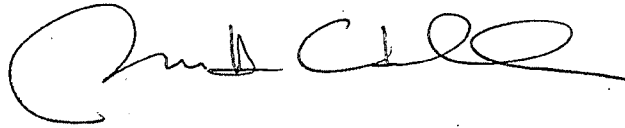
Intelsat has assessed and limited the probability of the space station becoming a source of debris as a result of collisions with large debris or other operational space stations. Except for Intelsat 801, Intelsat 705 is not located at the same orbital location as another satellite or at an orbital location that has an overlapping station-keeping volume with another satellite.⁵ Further, except for Intelsat 801, 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 705 at 330.5° E.L. (29.5° W.L.). Finally, Intelsat is not aware of any satellite network with an overlapping station-keeping volume with Intelsat 705 that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

⁵ Intelsat will operate both satellites in the 29.5° +/- 0.05° station-keeping box. Both satellites operate in inclined orbit, which facilitates sharing of the station-keeping box.

Ms. Marlene H. Dortch
August 23, 2010
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For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this further extension request.

Sincerely,

A handwritten signature in black ink, appearing to read "Susan H. Crandall". The signature is fluid and cursive, with a large initial "S" and "C".

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Bob Nelson
Karl Kensinger
Kathryn Medley
Stephen Duall