

S2399 SAT-STA-20100614-00131 IB2010001831
Intelsat North America LLC

File # SAT-STA-20100614-00131

Call Sign S2399 Grant Date 06/22/10

(or other identifier)

Term Dates period of Approved by OMB
From 06/18/10 To: 30 days 3060-0678

GRANTED*

International Bureau

Approved: *Stephan J. Duall*

Stephan S. Duall
Chief, Satellite Policy Branch

Date & Time Filed: Jun 14 2010 5:17:12:310PM
File Number: SAT-STA-20100614-00131
Callsign:

* subject to 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:
Application for 30-Day Extension of Special Temporary Authority for Intelsat 603 Satellite, S2399

I. 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
IBFS File No. SAT-STA-20100614-00131
Call Sign 2399
June 22, 2010

The request of Intelsat North America LLC (Intelsat) for an extension of special temporary authority, IBFS File No. SAT-STA-20100614-00131, is granted. Accordingly, Intelsat is authorized, for a period of 30 days commencing on June 18, 2010, to conduct Telemetry, Tracking, and Telecommand (TT&C) operations with the Intelsat 603 space station (Call Sign 2399) and to provide Fixed Satellite Service (FSS) temporarily in certain C-band frequencies from the 11.5° E.L. orbital location. Specifically, Intelsat is authorized to provide FSS from this location in the 4040-4200 MHz (space-to-Earth) and 6265-6425 MHz (Earth-to-space) frequency bands, and to conduct TT&C using the following frequencies:

Telecommand: 6173.7 MHz (LHCP) and 6176.3 MHz (LHCP)

Telemetry: 3947.5 MHz (RHCP), 3948.0 MHz (RHCP),
3952.0 MHz (RHCP), and 3952.5 MHz (RHCP)


This authorization shall be in accordance with the technical specifications set forth in Intelsat's application, Federal Communications Commission (Commission) rules, and the following conditions:

1. Intelsat's operations at the 11.5° E.L. orbital location shall be on a 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 space station.
2. In the event of any harmful interference during Intelsat's operations at the 11.5° E.L. orbital location, Intelsat shall cease operations immediately upon notification of such interference, and shall inform the Commission, in writing, immediately of such an event.
3. While at the 11.5° E.L. orbital location, Intelsat shall maintain the Intelsat 603 spacecraft with an east/west longitudinal station-keeping tolerance of +/- 0.05 degrees.
4. This authorization is also issued on the understanding that the Commission remains the licensing administration, for purposes of ITU Radio Regulation 18.1, for the Intelsat 603 space station, and that its operations are pursuant to ITU Radio Regulation 4.4.
5. Intelsat's request that the Part 25 technical waivers previously granted to the Intelsat space station for operations at the 24.5° W.L. and 19.95° W.L. orbital locations continue to apply to the temporary operations at the 11.5° E.L. orbital location IS GRANTED. See Intelsat LLC, SAT-MOD-20020418-00063, SAT-AMD-2002-0731-00146, SAT-AMD-20020822-00159 (grant stamp dated December 12, 2002); Intelsat LLC, Memorandum Opinion and Order, 15 FCC Rcd 15460 (2000), *recon. denied*, 15 FCC Rcd 25234 (2000).

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Call Sign 2399
June 22, 2010

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

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	File # <u>SAT-STA-2010 0614-00131</u>
	Call Sign <u>S2399</u> Grant Date <u>06/22/10</u> (or other identifier)
	Term Dates period of From <u>06/18/10</u> To: <u>30 days</u>
	Approved: <u><i>Stephen J. Duall</i></u> Stephen J. Duall Chief, Satellite Policy Branch
	*subject to conditions

2. Contact	
Name:	Intelsat North America LLC
Company:	Intelsat North America LLC
Street:	c/o Intelsat Corporation
City:	3400 International Drive, N.W.
Country:	Washington
Attention:	USA
Phone Number:	202-944-7848
Fax Number:	202-944-7870
E-Mail:	susan.crandall@intelsat.com
State:	DC
Zipcode:	20008 -3006
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 SATT/C2010011200008 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	
7. Requested Extended Expiration Date	
2010-07-18 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 extension of Special Temporary Authority for 30 days to continue operating certain C-band communications frequencies, along with TT&C carriers, on the Intelsat 603 satellite (call sign S2399) at 11.5 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"; party to the application; party to the application; party to the application.

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.

June 14, 2010

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 Twelfth Street, S.W.
Washington, D.C. 20554



Re: Request for Extension of Special Temporary Authority to Operate
Intelsat 603 in Certain C-band Frequencies for 30 Days at 11.5° E.L.
Call Sign: S2399

Dear Ms. Dortch:

Intelsat North America LLC ("Intelsat") herein requests an extension of Special Temporary Authority ("STA")¹ for 30 days to continue operating certain C-band communications frequencies, along with TT&C carriers, on the Intelsat 603 satellite (call sign S2399) at 11.5° E.L.

The Intelsat 603 satellite is currently located at 11.5° E.L.² and operating pursuant to an FCC grant of STA in the 4040-4200 MHz (space to Earth) and 6265-6425 MHz (Earth to space) frequencies, along with TT&C carriers.³ Intelsat also has a pending request to re-flag Intelsat 603 from United States licensing to United Kingdom licensing.⁴ Until such time as the exchange of licensing administrations can occur, Intelsat seeks STA to continue to operate

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 *Intelsat North America LLC Application for Special Temporary Authority for Intelsat 603 Satellite, S2399*, File No. SAT-STA-20091209-00143 (filed Dec. 9, 2009; granted with conditions Mar. 4, 2010).

³ See *Intelsat North America LLC Application for Special Temporary Authority for Intelsat 603 Satellite, S2399*, File No. SAT-STA-20100519-00104 (filed May 19, 2010; granted with conditions May 20, 2010; expires June 18, 2010).

⁴ See *Intelsat North America LLC Application to Transfer Control of Intelsat 603 Space Station Authorization to United Kingdom Licensing Authority*, File No. SAT-T/C-20100112-00008 (filed Jan. 12, 2010; supplemented February 16, 2010).

Ms. Marlene H. Dortch

June 14, 2010

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these C-band frequencies on the Intelsat 603 satellite at 11.5° E.L., along with TT&C carriers.⁵

Operational Frequencies: The specific communications frequencies for which Intelsat seeks authority are:

4040-4200 MHz (space to Earth)

6265-6425 MHz (Earth to space)

TT&C Frequencies: The specific TT&C frequencies are:

Telecommand frequencies: 6173.7 MHz (LHCP) and 6176.3 MHz (LHCP)

Telemetry frequencies: 3947.5 MHz (RHCP), 3948.0 MHz (RHCP),
3952.0 MHz (RHCP) and 3952.5 MHz (RHCP)

Geographic Service Area: The communications frequencies being requested here will be received or transmitted through C-band beams that cover Europe, Africa, and small portions of Asia and South America.

Waivers: Intelsat requests that, to the extent necessary, the Part 25 waivers originally granted to the Intelsat 603 spacecraft continue to apply at the 11.5° E.L. location, namely, the waivers of Sections 25.202(g), 25.210(a)(1), 25.210(a)(3), 25.210(c), 25.210(i) and 25.211(a) of the Commission's rules.⁶

Conditions. Intelsat agrees to operate in accordance with conditions imposed as part of the special temporary authority previously granted to Intelsat to operate Intelsat 603 temporarily at this location. See IBFS File No. SAT-STA-20100519-00104.

⁵ Intelsat plans shortly to file requests for STA for 30 days and 180 days to operate the C-band frequencies that are included in this request plus additional C- and Ku-band frequencies, along with TT&C carriers.

⁶ 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).

Ms. Marlene H. Dortch
June 14, 2010
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Grant of this application will serve the public interest by allowing Intelsat to continue to operate in C-band frequencies on the Intelsat 603 satellite that are required following the transition of two customers off the NSS-5 satellite. In addition, grant of this request will provide additional time for the FCC and regulatory agency in the United Kingdom, Ofcom, to reach an understanding on the transfer of licensing responsibility for the Intelsat 603 spacecraft.

Grant of this STA extension is not expected to cause any harmful interference. The only operational satellite using C-band frequencies within five degrees of the 11.5° E.L. orbital location is the W2A satellite operated by Eutelsat. However, the W2A satellite does not include frequencies in the range being requested herein for the Intelsat 603 communications payload. Command and telemetry frequencies are transmitted from and to a very large earth station antenna and have already been coordinated with Eutelsat. Moreover, Intelsat agrees to operate the frequencies identified above on a non-interference, non-protected basis and in the unlikely circumstance that interference is generated to any other satellite, Intelsat agrees to immediately cease transmissions until the interference concerns of the interfered-with operator are satisfactorily resolved.

For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this request for STA for an additional 30 days to operate certain C-band frequencies on Intelsat 603 at 11.5° E.L.

Sincerely,

/s/ Susan H. Crandall

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Bob Nelson
Karl Kensinger
Kathryn Medley
Stephen Duall

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