



*with conditions

File # SAT-STA-20100727-00168

Call Sign S2399 Grant Date 08/06/10
(or other identifier)

Term Dates From 07/31/10 To 08/06/10

Approved: Stephen J. Duall
Chief, Satellite Policy Branch

Approved by OMB
3060-0678

Date & Time Filed: Jul 27 2010 4:28:58:010PM
File Number: SAT-STA-20100727-00168
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 Extension of 30-Day Special Temporary Authority for Intelsat 603 Satellite, S2399

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
PanAmSat Licensee Corp.
IBFS File No. SAT-STA-20100727-00168
Call Sign: S2399

PanAmSat Licensee Corp. (PanAmSat) is granted special temporary authority, from July 31 through August 6, 2010, to continue operating the Intelsat 603 space station (Call Sign S2399) temporarily at the 11.5° E.L. orbital location. Operations pursuant to this authorization shall be in accordance with conditions imposed as part of the special temporary authority previously granted to PanAmSat to operate Intelsat 1R temporarily at this orbital location. See IBFS File No. SAT-STA-20100614-00130.


GRANTED *
International Bureau
File # <u>SAT- STA- 20100727-00168</u>
Call Sign <u>S2399</u> Grant Date <u>08/06/10</u>
(or other identifier)
Term Dates
From <u>07/31/10</u> To: <u>08/06/10</u>
Approved: <u>Stephen J. Duall</u>
Stephen J. Duall
Chief, Satellite Policy Branch

* with conditions

2. Contact	
Name: Intelsat North America LLC	Phone Number: 202-944-7848
Company:	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 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 2010-08-28 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 a 30-day extension, through August 28, 2010, of the Special Temporary Authority previously granted Intelsat to operate certain C- and Ku-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" 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.

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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.

July 27, 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 C- and Ku-band Frequencies at 11.5° E.L.;
Call Sign: S2399

Dear Ms. Dortch:

IntelSat North America LLC ("IntelSat") herein requests a 30-day extension -- through August 28, 2010 -- of the Special Temporary Authority ("STA"¹) previously granted IntelSat to operate certain C- and Ku-band communications frequencies, along with TT&C carriers, on the IntelSat 603 satellite (call sign S2399) at 11.5° E.L.²

IntelSat has a pending request to re-flag IntelSat 603 from United States licensing to United Kingdom licensing.³ Until such time as the exchange of licensing administrations can occur, IntelSat seeks an extension of STA to continue operating certain C- and Ku-band communications frequencies -- and TT&C carriers -- on the IntelSat 603 satellite at 11.5° E.L. to meet the on-going service demands of a U.S. Government customer. IntelSat also has filed a 180-day STA to operate in these bands.⁴

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-00704, File No. SAT-STA-20100614-00130 (Jul. 2, 2010) (Public Notice).

³ 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).

⁴ See *Policy Branch Information: Satellite Applications Accepted for Filing*, Report No. SAT-00703, File No. SAT-STA-20100614-00132 (Jul. 2, 2010) (Public Notice).

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

3700-4200 MHz⁵
5925-6425 MHz⁶
10950-11200 MHz
11450-11700 MHz
14000-14500 MHz

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: These communications frequencies will continue to be received or transmitted through C-band beams that cover Europe, Africa, and small portions of Asia and South America and two Ku-band spot beams that cover east Africa and portions of the Middle East.

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.⁷

Conditions. Intelsat will continue to accept the following conditions on its use of the 10950-11200 MHz and 11450-11700 MHz frequencies:

(1) Operations in the 10950-11200 MHz and 11450-11700 MHz frequency bands shall comply with the terms of footnote US211 to the

⁵ Intelsat does not seek STA to operate Intelsat 603's 3625-3700 MHz payload.

⁶ Intelsat does not seek STA to operate Intelsat 603's 5850-5925 MHz payload.

⁷ *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).

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United States Table of Frequency Allocations, 47 C.F.R. § 2.106, US211, which urges applicants for airborne or space station assignments to take all practicable steps to protect radio astronomy observations in the adjacent bands from harmful interference.

(2) Operations in the 10950-11200 MHz and 11450-11700 MHz frequency bands are limited to international operations in accordance with footnote NG 104 to the United States Table of Frequency Allocations, 47 C.F.R. § 2.106, NG 104, and footnote 2 of Section 25.202(a)(1) of the Commission's rules, 47 C.F.R. § 25.202(a)(1).

Grant of this application will serve the public interest by allowing Intelsat to continue operating C- and Ku-band frequencies on the Intelsat 603 satellite and thus best meet its customers' needs – in particular, a U.S. Government customer utilizing coverage of the Middle East. 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. Intelsat will continue to operate the C-band frequencies at levels low enough to ensure the protection of the W2A satellite operated by Eutelsat, which is the only C-band satellite within 5° of 11.5° E.L. Intelsat 603's Ku-band beams are pointed and will continue to be operated in such a way that they have significant spatial and/or polarization isolation with respect to the operation of Eutelsat satellites at 10° E.L. and 13° E.L. Moreover, Intelsat agrees to continue operating 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 expeditiously process and grant this request for an extension of

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STA for 30 days to operate certain C- and Ku-band frequencies on Intelsat 603
at 11.5° E.L.

Sincerely,



Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Bob Nelson
Karl Kensinger
Kathryn Medley
Stephen Duall