

S2159
Intelsat North America LLC

IE2010002066

File # SAT-STA-20100628-00148

Call Sign S2159 Grant Date 07/16/10

(or other identifier)
Term Dates period of 30 days
From 07/02/10 To:

Approved by OMB
3060-0678

Date & Time Filed: Jun 28 2010 12:11:29:080PM
File Number: SAT-STA-20100628-00148
Callsign:



*Subject to conditions

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

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:
Extension of Special Temporary Authority to Operate Galaxy 27 to 45.10 E.L. (Call Sign S2159)

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
IBFS File No. SAT-STA-20100628-00148
Call Sign S2159
July 16, 2010

The request of Intelsat North America LLC (Intelsat) for special temporary authority, IBFS File No. SAT-STA-20100628-00148, is granted. Accordingly, Intelsat is authorized, for a period of 30 days commencing on July 2, 2010, to continue to conduct Telemetry, Tracking, and Telecommand (TT&C) operations with the Galaxy 27 space station (Call Sign 2159) and to provide Fixed-Satellite Service (FSS) temporarily in certain C- and Ku-band frequencies from the 45.1° E.L. orbital location. Specifically, Intelsat is authorized to provide FSS from this location in the 3700-4200 MHz (space-to-Earth), 5925-6425 MHz (Earth-to-space), 11.7-12.2 GHz (space-to-Earth), and 14.0-14.5 GHz (Earth-to-space) frequency bands, and to conduct TT&C using the 6423.5 MHz and 4199.5 MHz frequencies. This authorization shall be in accordance with the technical specifications set forth in Intelsat's application, Federal Communication Commission (Commission) rules, and the following conditions:

1. Intelsat's operations at the 45.1° 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 cause to it by, any other lawfully operating space station.
2. In the event of any harmful interference during Intelsat's operations at the 45.1° 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 45.1° E.L. orbital location, Intelsat shall maintain the Galaxy 27 spacecraft with an east/west longitudinal station-keeping tolerance of +/- 0.05 degrees.
4. This authorization is also issued on the understanding that the Federal Communications Commission remains the licensing administration, for purposes of ITU Radio Regulation 18.1, for the Galaxy 27 space station, and that its operations are pursuant to ITU Radio Regulation 4.4.
5. Grant of this authorization is without prejudice to Intelsat's pending application to transfer control of the Galaxy 27 space station from Intelsat to Europe*Star Gesellschaft für Satellitenkommunikation mbH (Europe*Star) (IBFS File No. SAT-T/C-20100112-00009).
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.



*subject to conditions

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(or other identifier)

Term Dates period of
From 07/02/10 To: 30 days

Approved: Stephen J. Duall

Stephen J. Duall
Chief, Satellite Policy Branch

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 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 45.10 E.L.			7. Requested Extended Expiration Date 2010-07-31 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 July 31, 2010, of the Special Temporary Authority previously granted Intelsat to operate the communications frequencies and TT&C carriers on the Galaxy 27 satellite at 45.10 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.

June 28, 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 for Galaxy 27
Call Sign: S2159

Dear Ms. Dortch:

Intelsat North America LLC ("Intelsat") herein requests a 30-day extension – through July 31, 2010, of the Special Temporary Authority ("STA"¹) previously granted Intelsat to operate the communications frequencies and TT&C carriers on the Galaxy 27 satellite at 45.10° E.L.²

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

3700-4200 MHz (space to Earth) and 5925-6425 MHz (Earth to space)
11.7-12.2 GHz (space to Earth) and 14.0-14.5 GHz (Earth to space)

The specific TT&C frequencies are:

Telecommand frequencies: 6423.5 (V)
Telemetry frequencies: 4199.5 (H)

Intelsat plans, upon receipt of Commission approval, to re-flag Galaxy 27 from United States licensing to German licensing.³ Until such time as the exchange of licensing administrations can occur, however, Intelsat needs to continue TT&C and communications payload transmissions to the satellite at 45.10° E.L.

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-00696, File No. SAT-STA-20100528-00116 (June 4, 2010) (Public Notice).

³ See *Intelsat North America LLC Application to Transfer Control of Galaxy 27 Space Station Authorization to German Licensing Authority*, File No. SAT-T/C-20100112-00009 (filed Jan. 12, 2010); Supplemented by Letter from Susan H. Crandall, Assistant General Counsel, Intelsat Corporation, to Marlene H. Dortch, Secretary, Federal Communications Commission (filed Feb. 3, 2010).

Ms. Marlene H. Dortch
June 28, 2010
Page 2

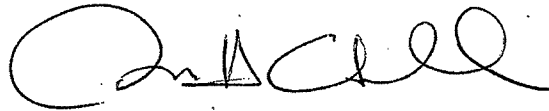
The payload transmissions are for mission critical services for a U.S. Government customer.

Grant of this extension request will serve the public interest by allowing Intelsat to continue operating at 45.10° E.L. and thereby help ensure continuity of mission critical services for a U.S. Government customer. In addition, grant of STA will allow the Commission more time to consider the pending application to re-flag the satellite from U.S. to German licensing authority.

Intelsat will operate the spacecraft so as to ensure that it will not cause interference to adjacent satellites. As such, grant of the requested STA will not present any significant risk of interference to other users. Moreover, Intelsat will operate at 45.10° E.L. on a non-interference, non-protected basis.

For the reasons set forth herein, Intelsat respectfully requests that the Commission expeditiously grant this extension request to continue operating the TT&C and communications frequencies on Galaxy 27 at 45.10° E.L.

Sincerely,



Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

Cc: Bob Nelson
Karl Kensinger
Kathryn Medley
Stephen Duall