

S2399 SAT-STA-20091209-00143  
Intelsat North America LLC

IB2009008038

File # SAT - STA - 20091209 - 00143

Call Sign S2399 Grant Date 03/04/10

(or other identifier)

Approved by OMB  
3060-0678

Term Dates period of  
From 03/04/10 To: 100 days

Approved: Stephen J. Duall

Stephen J. Duall  
Chief, Satellite Policy Branch



Date & Time Filed: Dec 9 2009 4:33:37:583PM  
File Number: SAT-STA-20091209-00143  
Callsign:

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 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**  
**IBFS File No. SAT-STA-20091209-00143**  
**Call Sign 2399**

The application of Intelsat North America LLC (Intelsat), IBFS File No. SAT-STA-20091209-00143, as supplemented by letters filed on February 16 and February 26, 2010, for special temporary authority to operate Telemetry, Tracking, and Telecommand (TT&C) frequencies necessary to drift the Intelsat 603 space station (Call Sign S2399) from the 19.95° W.L. orbital location to the 11.5° E.L. orbital location is granted. Accordingly, Intelsat is authorized for a period of 100 days, commencing on March 4, 2010, to conduct TT&C operations using the following frequencies:

Telecommand: 6173.7 MHz (left-hand circular polarization) and 6176.3 MHz (right-hand circular polarization)


Telemetry: 3947.5 MHz, 3958.0 MHz, 3952.0 MHz and 3952.5 MHz (right-hand circular polarization)

These operations are authorized in accordance with the technical specifications set forth in Intelsat's application, the Commission's rules, and the following conditions:

1. All operations during the drift shall be on unprotected and 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 station.
2. In the event of any harmful interference during Intelsat 603's drift to 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. During the drift to the 11.5° E.L. orbital location, Intelsat may not operate Intelsat 603's communications payload.
4. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat's own risk.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding permanent operations of the Intelsat 603 space station at the 11.5° E.L. orbital location. *See* IBFS File No. SAT-T/C-20100112-00008.
6. 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.

**Attachment to Grant**  
**IBFS File No. SAT-STA-20091209-00143**  
**Call Sign 2399**

7. This action is issued pursuant to the 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.

 <b>GRANTED*</b> International Bureau	<b>File #</b> SAT-STA-20091209-00143
	<b>Call Sign</b> 32399 <b>Grant Date</b> 03/04/10
	<b>(or other identifier)</b>
	<b>Term Dates</b> period of 100 days
	<b>From</b> 03/04/10 <b>To:</b>
<b>Approved:</b> <i>Stephen J. Dvall</i> Stephen J. Dvall Chief, Satellite Policy Branch	

\* subject to conditions

2. Contact	
<b>Name:</b>	Intelsat North America LLC
<b>Company:</b>	Intelsat North America LLC
<b>Street:</b>	c/o Intelsat Corporation
	3400 International Drive, N.W.
<b>City:</b>	Washington
<b>Country:</b>	USA
<b>Attention:</b>	Susan H Crandall
<b>Phone Number:</b>	202-944-7848
<b>Fax Number:</b>	202-944-7870
<b>E-Mail:</b>	susan.crandall@intelsat.com
<b>State:</b>	DC
<b>Zipcode:</b>	20008 -3006
<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 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).	
<input checked="" type="radio"/>	Governmental Entity
<input type="radio"/>	Noncommercial educational licensee
Other(please explain):	
4b. Fee Classification CRY - Space Station (Geostationary)	
5. Type Request	
<input checked="" type="radio"/>	Change Station Location
<input type="radio"/>	Extend Expiration Date
<input type="radio"/>	Other
6. Temporary Orbit Location	
7. Requested Extended Expiration Date	

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 Special Temporary Authority for 100 days beginning March 1, 2010 to drift Intelsat 603 to 11.5 E.L. Intelsat will not operate the communications payload on Intelsat 603 during its relocation; only the TT&C carriers will be in use during that time. Intelsat plans to have the satellite on-station 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](mailto: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.**

## **8. Description**

Intelsat North America LLC herein requests Special Temporary Authority for 100 days beginning March 1, 2010 to drift Intelsat 603 to 11.5 E.L. Intelsat will not operate the communications payload on Intelsat 603 during its relocation; only the TT&C carriers will be in use during that time. Intelsat plans to have the satellite on-station at 11.5 E.L. in late-May 2010.

December 9, 2009

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



Re: Request for Special Temporary Authority for Intelsat 603  
Call Sign: S2399

Dear Ms. Dortch:

Intelsat North America LLC ("Intelsat") herein requests Special Temporary Authority ("STA"<sup>1</sup>) for 100 days beginning March 1, 2010 to drift Intelsat 603 to 11.5° E.L. Intelsat will not operate the communications payload on Intelsat 603 during its relocation; only the TT&C carriers will be in use during that time. Intelsat plans to have the satellite on-station at 11.5° E.L. in late May 2010.

Intelsat 603 currently is located at 19.95° W.L.<sup>2</sup> Intelsat plans, upon receipt of Commission approval, to move Intelsat 603 to 11.5° E.L., where Intelsat will operate pursuant to United Kingdom authorization of the space segment. The United Kingdom Administration will be the International Telecommunication Union ("ITU") notifying administration responsible for ensuring that the satellite's operations at the 11.5° E.L. orbital location comply with all relevant coordination agreements for the location. Intelsat acknowledges that the Federal Communications Commission and OfCom in the United Kingdom may exchange letters to ensure there is a mutual understanding regarding the operation of the Intelsat 603 satellite at 11.5° E.L.<sup>3</sup> Upon completion of the maneuvers required to place Intelsat 603 at 11.5° E.L., Intelsat will notify the Commission and surrender its license for the Intelsat 603 satellite.

Grant of this application will serve the public interest by allowing Intelsat to operate at 11.5° E.L. and thereby help satisfy high customer demand for Africa

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

<sup>2</sup> See *Satellite Policy Branch Information; Actions Taken*, Report No. SAT-00134, File No. SAT-AMD-20020731-00146 (Feb. 12, 2003) (Public Notice). As the Commission is aware, NSS-5 will be located at 20.0° W.L. beginning the end of February 2010. Intelsat has filed a request to operate the Ku-band payload of the NSS-5 satellite at that location pursuant to U.S. authorization.

<sup>3</sup> Intelsat would be pleased to provide a point of contact within OfCom if needed to facilitate such exchange of letters.



Ms. Marlene H. Dortch  
December 9, 2009  
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connectivity.<sup>4</sup> No customers currently operating on Intelsat 603 will be negatively affected, as they will have been relocated to other satellites prior to Intelsat 603's drift to 11.5° E.L. Intelsat expects Intelsat 603 to remain at 11.5° E.L. until it is de-orbited and will comply with any post-mission disposal requirements imposed by the United Kingdom.

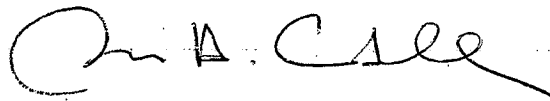
Grant of the requested STA, moreover, would not present any significant risk of interference to other users. Intelsat will not operate the communications payload on Intelsat 603 during the relocation to 11.5° E.L. In addition, Intelsat will follow standard industry practices for coordination of TT&C transmissions during the relocation process.

During the drift from 19.95° W.L. to 11.5° E.L., Intelsat will utilize the following frequencies for TT&C:

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)

For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this request to drift Intelsat 603 to 11.5° E.L., and to operate the TT&C carriers on the satellite in the manner described in this request.

Sincerely,



Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

Cc: Bob Nelson  
Karl Kensinger  
Kathryn Medley  
Stephen Duall

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<sup>4</sup> In particular, C-band capacity is in high demand by customers in Africa.

February 16, 2010

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



Re: Supplemental Information

Intelsat North America LLC Application for Special Temporary Authority for Intelsat 603; Call Sign 2399; File No. SAT-STA-20091209-00143

Intelsat North America LLC Application for Transfer of Control of the Intelsat 603 Satellite (Call Sign S2399) from U.S. to U.K. Licensing Authority, File No. SAT-T/C-20100112-00008

Dear Ms. Dortch:

Intelsat North America LLC ("Intelsat") hereby provides the following supplemental information in response to a request by the International Bureau's ("Bureau") staff for additional information relating to Intelsat's above referenced request for Special Temporary Authority to move Intelsat 603 from 19.95° W.L. (340.05° E.L.) to 11.5° E.L., where the satellite will operate under an authorization from the United Kingdom administration ("STA Request"), and corresponding application for transfer of control of the Intelsat 603 satellite from U.S. to U.K. licensing authority ("TOC Application").

1. Correction to Form 312

After discussions with Bureau staff, Intelsat clarifies its responses to questions A.15 and A.26 of Schedule A to Form 312 of the TOC Application. The entity listed in response to those questions should be Intelsat Global Sales & Marketing Ltd. ("Intelsat Global Sales").

2. Information Regarding Intelsat Global Sales

The entity that will be recognized by the United Kingdom as having authorization to operate at the 11.5° E.L. orbital location is Intelsat Global Sales. Intelsat Global Sales is wholly owned by Intelsat Subsidiary Holding Company S.A., a Luxembourg company. Intelsat Subsidiary Holding Company S.A. is wholly owned by Intelsat Intermediate Holding Company S.A., a Luxembourg company. Intelsat Intermediate Holding Company S.A.

is wholly owned by Intelsat Jackson Holdings S.A., a Luxembourg company. Intelsat Jackson Holdings S.A. is wholly owned by Intelsat (Luxembourg) S.A., a Luxembourg company. Intelsat (Luxembourg) S.A. is wholly owned by Intelsat S.A., a Luxembourg company. Intelsat S.A. is wholly owned by Intelsat Holdings S.A., a Luxembourg company. Intelsat Holdings S.A. is wholly owned by Intelsat Global Subsidiary S.A., a Luxembourg company. Intelsat Global Subsidiary S.A. is wholly owned by Intelsat Global S.A., a Luxembourg company. The directors of Intelsat Global Sales are:

Jean-Philippe Gillet  
Robert Cummins  
Andrew Faiola  
Kurt Riegelman

The officers of Intelsat Global Sales are:

Jean-Philippe Gillet – Chairman  
Andrew Faiola – Managing Director  
Robert Cummins – Secretary

### 3. Orbital Debris Mitigation Statement

Intelsat supplements the STA Request with the following:

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 603 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 603 at 11.5° E.L. Finally, Intelsat is not aware of any system with an overlapping station-keeping volume with Intelsat 603 at 11.5° E.L. that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

### 4. Status of Intelsat Global Sales' Authorization

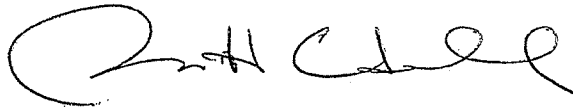
It is Intelsat's understanding that the U.K. administration does not issue an authorization to an operator but, rather, notifies the ITU that a filing assigned

Ms. Marlene H. Dortch  
February 16, 2010  
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to a particular entity has been brought into use. Intelsat will inform the U.K. administration that the U.K. filings for 11.5° E.L. should be assigned to Intelsat Global Sales, a U.K. company.

Please direct any questions about this supplement to the undersigned.

Respectfully submitted,

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: Robert Nelson  
Karl Kensinger  
Stephen Duall



1776 K STREET NW  
WASHINGTON, DC 20006  
PHONE 202.719.7000  
FAX 202.719.7049

7925 JONES BRANCH DRIVE  
McLEAN, VA 22102  
PHONE 703.905.2800  
FAX 703.905.2820

www.wileyrein.com

February 26, 2010

Jennifer D. Hindin  
202.719.4975  
jhindin@wileyrein.com

**VIA IBFS**

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

**Re: Intelsat North America LLC, Request for Special Temporary Authority  
for Intelsat 603, File No. SAT-STA-20091209-00143 (call sign S2399)**

Dear Ms. Dortch:

Intelsat North America LLC (“Intelsat North America”), by counsel, files this letter to clarify the above-referenced application for Special Temporary Authority (“STA”) to drift the Intelsat 603 satellite (call sign S2399) from 340.05° E.L. (19.95° W.L.) to 11.5° E.L.

The pending STA request states that “[u]pon completion of the maneuvers required to place Intelsat 603 at 11.5° E.L., Intelsat will notify the Commission and surrender its license for the Intelsat 603 satellite.”<sup>1</sup> Intelsat North America clarifies that it will not surrender its license prior to having received FCC authority to transfer the Intelsat 603 satellite from United States to United Kingdom licensing authority.<sup>2</sup> If, upon completion of the drift, such authority has not yet been granted, Intelsat North America acknowledges that operation of the Intelsat 603 satellite would require additional Commission approval.

Please direct any questions regarding this matter to the undersigned.

Sincerely,

*/s/ Jennifer D. Hindin*

Jennifer Hindin  
*Counsel for Intelsat North America LLC*

<sup>1</sup> Intelsat North America LLC, Request for Special Temporary Authority for Intelsat 603, File No. SAT-STA-20091209-00143 at 1 (filed Dec. 9, 2009).

<sup>2</sup> Intelsat North America LLC, Application for Transfer of Control of the Intelsat 603 Satellite (Call Sign S2399), File No. SAT-T/C-20100112-00008 (filed Jan. 12, 2010).