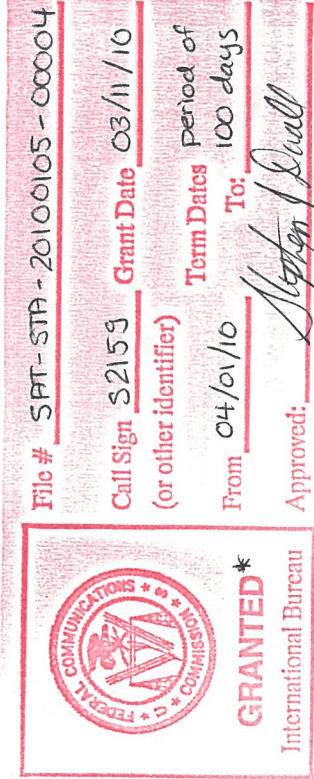


S2159 SAT-STA-20100105-00004 IB2010000093
Intelsat North America LLC
Galaxy 27

Approved by OMB
3060-0678

Date & Time Filed: Jan 5 2010 4:09:50:603PM
File Number: SAT-STA-20100105-00004
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:
Special Temporary Authority to Drift Galaxy 27 to 45.10 E.L. (Call Sign S2159)

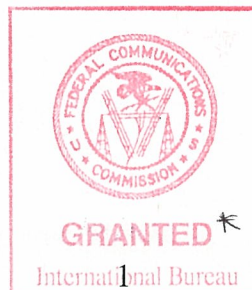
I. Applicant

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-20100105-00004
Call Sign S2159

The application of Intelsat North America LLC (Intelsat), IBFS File No. SAT-STA-20100105-00004, as supplemented by letters filed on February 3 and March 3, 2010, for special temporary authority to operate Telemetry, Tracking, and Telecommand (TT&C) frequencies necessary to drift the Galaxy 27 space station (Call Sign S2159) from the 129.0° W.L. orbital location to the 45.10° E.L. orbital location is GRANTED. Accordingly, Intelsat is authorized for a period of 100 days, commencing on April 1, 2010, to conduct telecommand operations using 6423 MHz (vertical polarization) and telemetry using 4199.5 MHz (horizontal polarization). These operations are authorized in accordance with the technical specifications set forth in Intelsat's application, Federal Communications Commission (Commission) 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 Galaxy 27's drift to the 45.10° 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 45.10° E.L. orbital location, Intelsat may not operate Galaxy 27's primary 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 Galaxy 27 space station at the 45.10° E.L. orbital location. *See* IBFS File No. SAT-T/C-20100112-00009.
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.
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.



*subject to conditions

File # SAT-STA-20100105-00004

Call Sign S2159 Grant Date 03/11/10
(or other identifier)

Term Dates period of
From 04/01/10 To: 100 days

Approved: Stephen J. Duall

Stephen J. Duall
Chief, Satellite Policy Branch

2. Contact	
Name:	Intelsat North America LLC
Company:	Intelsat North America LLC
Street:	c/o Intelsat Corporation
	3400 International Drive, N.W.
City:	Washington
Country:	USA
Attention:	Susan H. Crandall
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 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 checked="" type="radio"/> Change Station Location	<input type="radio"/> Extend Expiration Date <input type="radio"/> Other
6. Temporary Orbit Location 45.20 E.L.	
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 Galaxy 27 to 45.10 E.L. Intelsat will not operate the communications payload on Galaxy 27 during its relocation; only the TT&C carriers will be in use during that time. Intelsat plans to have the satellite on-station at 45.10 E.L. in

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.

8. Description

Intelsat North America LLC herein requests Special Temporary Authority for 100 days beginning March 1, 2010 to drift Galaxy 27 to 45.10 E.L. Intelsat will not operate the communications payload on Galaxy 27 during its relocation; only the TT&C carriers will be in use during that time. Intelsat plans to have the satellite on-station at 45.10 E.L. in early June 2010, where it will operate pursuant to German authorization.

January 5, 2010

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



Re: Request for Special Temporary Authority for Galaxy 27
Call Sign: S2159

Dear Ms. Dortch:

Intelsat North America LLC ("Intelsat") herein requests Special Temporary Authority ("STA")¹ for 100 days beginning March 1, 2010 to drift Galaxy 27 (call sign S2159), a C- and Ku-band satellite, to 45.10° E.L. Intelsat will not operate the communications payload on Galaxy 27 during its relocation; only the TT&C carriers will be in use during that time. Intelsat plans to have the satellite on-station at 45.10° E.L. in early June 2010, where it will operate nominally co-located with Intelsat 12 at 45.0° E.L.²

Galaxy 27 currently is located at 129.0° W.L.³ Intelsat plans, upon receipt of Commission approval, to move Galaxy 27 to 45.10° E.L., where Intelsat will

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 Intelsat 12 operates at 45.0° E.L. pursuant to German authorization.

³ See *Assignment of Orbital Locations to Space Stations in the Domestic Fixed-Satellite Service; the Applications of Am Tel. and Telegraph Co.; EchoStar Satellite Corp.; GE Am. Commcn's; Hughes Commcn's Galaxy, Inc.; Loral Space and Commcn's Ltd.; Orion Network Sys.*; Order and Authorization, 11 FCC Rcd 13,788 (Int'l Bur. 1996); *Loral Space & Commcn's, Ltd. Application For Authority to Construct, Launch, and Operate Space Stations in the Domestic Fixed-Satellite Serv.*, Memorandum Opinion and Order, 11 FCC Rcd 20,441 (Int'l Bur. 1996); *Loral Space & Commcn's Ltd. Application for Modification of Authority to Construct, Launch and Operate a Planned Satellite at 129° W.L.*, Order and Authorization, 15 FCC Rcd 6868 (Int'l Bur. 1999). Intelsat acquired the satellite from Loral in 2005. See *Loral Satellite, Inc. (Debtor-in-Possession) and Loral SpaceCom Corporation (Debtor-in-Possession), Assignors, and Intelsat North Am., LLC, Assignee, Applications for Consent to Assignments of Space Station Authorizations and Petition for Declaratory Ruling Under Section 310(b)(4) of the Commcn's Act of 1934, as Amended*, Order and Authorization, 19 FCC Rcd 2404 (Int'l Bur. 2004).

operate the satellite pursuant to German authorization of the space segment.⁴ Germany will be the International Telecommunication Union ("ITU") notifying administration responsible for ensuring that the satellite's operations at the 45.10° E.L. orbital location comply with all relevant coordination agreements. Germany already is responsible for satellite licensing and oversight at this nominal orbital location. Intelsat acknowledges that the Federal Communications Commission and Bundesnetzagentur für Elektrizität, Gas, Telekommunikation, Post und Eisenbahnen ("BNetzA") in Germany may exchange letters to ensure there is a mutual understanding regarding the operation of the Galaxy 27 satellite at 45.10° E.L.⁵ Upon completion of the maneuvers required to place Galaxy 27 at 45.10° E.L., Intelsat will notify the Commission and surrender its license for the Galaxy 27 satellite.

Grant of this application will serve the public interest by allowing Intelsat to bring more capacity to the nominal 45.0° E.L. orbital location and thereby help satisfy high customer demand for capacity over the Middle East. No customers currently operating on Galaxy 27 will be negatively affected, as they will have been relocated to other satellites prior to Galaxy 27's drift to 45.10° E.L.⁶ Intelsat expects Galaxy 27 to remain at 45.10° E.L. until it is de-orbited and will comply with any post-mission disposal requirements imposed by the German Administration.

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 Galaxy 27 during the relocation to 45.10° E.L. In addition, Intelsat will follow standard industry practices for coordination of TT&C transmissions during the relocation process.

During the drift from 129.0° W.L. to 45.10° E.L., Intelsat will utilize the following frequencies for TT&C:

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

⁴ Intelsat will shortly file a transfer of control application to effectuate the re-flagging of Galaxy 27 to Germany.

⁵ Intelsat would be pleased to provide a point of contact within BNetzA if needed to facilitate such exchange of letters.

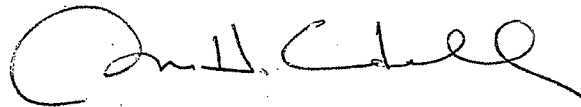
⁶ PanAmSat Licensee Corp. will file shortly a modification application to relocate Galaxy 12 (call sign S2422) to 129.0° W.L.

Ms. Marlene H. Dortch
January 5, 2010
Page 3

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. Galaxy 27 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 Galaxy 27 at 45.10° E.L. Finally, Intelsat is not aware of any system with an overlapping station-keeping volume with Galaxy 27 that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this request to drift Galaxy 27 to 45.10° 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

February 3, 2010

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



Re: Supplemental Information

Intelsat North America LLC Application for Special Temporary Authority for Galaxy 27; Call Sign 2159; File No. SAT-STA-20100105-00004

Intelsat North America LLC Application for Transfer of Control of the Galaxy 27 Satellite (Call Sign S2159) from U.S. to German Licensing Authority, File No. SAT-T/C-20100112-00009

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 Galaxy 27 from 129.0° W.L. to 45.10° E.L., where the satellite will operate under an authorization from the German administration ("STA Request"), and corresponding application for transfer of control of the Galaxy 27 satellite from U.S. to German licensing authority ("TOC Application").

1. Correction to Form 312

After discussions with Bureau staff, Intelsat clarifies that Intelsat's responses to questions A.15 and A.26 of Schedule A to Form 312 of the TOC Application are inaccurate. The entity that should be listed in response to questions A.15 and A.26 is Europe*Star Gesellschaft Fur Satellitenkommunikation mbH ("Europe*Star").

2. Information Regarding Europe*Star

The entity that holds the authorization to operate at the nominal 45.0° E.L. orbital location is Europe*Star. PanAmSat Europe Corporation ("PanAmSat Europe"), a Delaware company that is wholly owned by Intelsat Corporation (f/k/a/ PanAmSat Corporation), owns 51 percent of Europe*Star. Certain members of the Shulte-Hillen family and other entities own the remaining 49

Ms. Marlene H. Dortch
February 3, 2010
Page 2

percent of Europe*Star. The German representative of the Schulte-Hillen family is Beatrix von Wietersheim. The directors of Europe*Star are:

Anita Beier, Manager
Patricia Casey, Manager

The officers and directors of PanAmSat Europe are:

Stephen Spengler – Chairman of the Board, President & COO;
Director
Patricia Casey – SVP, GC & Secretary; Director
Anita Beier – SVP & Controller; Director
Hank Courson – VP & Treasurer

Intelsat previously filed with the FCC, under a request for confidential treatment, the New Slot Usage Agreement between Europe*Star and PanAmSat Europe, and incorporates that agreement herein by reference.¹

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. Galaxy 27 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 Galaxy 27 at 45.10° E.L. Finally, Intelsat is not aware of any system with an overlapping station-keeping volume with Galaxy 27 at 45.10° E.L. that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

¹ See Intelsat North Am. LLC, Request for Confidential Treatment and Submission of Confidential Information Re New Slot Usage Agreement between Europe*Star and PanAmSat, File No. SAT-STA-20061102-00128 (Jan. 22, 2007) (Confidential Filing Not Made Publicly Available); *see also* Intelsat North Am. LLC, Response to FCC Jan. 5, 2007 Request for Additional Information Re Intelsat 601 Move From 63.65° E.L. to 47.5° E.L., File No. SAT-STA-20061102-00128 (Jan. 22, 2007).

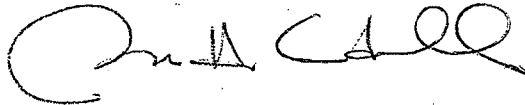
Ms. Marlene H. Dortch
February 3, 2010
Page 3

4. Status of Europe*Star's Authorization

Europe*Star's current authorization from the German Administration to operate at the nominal 45.0° E.L. location, a copy of which previously was provided to the Commission at pages 5-8 of the Appendix to the Slot Usage Agreement referred to above, includes some, but not all, of the frequencies on Galaxy 27. Specifically, that authorization includes only the 14.0-14.5 GHz band on Galaxy 27. Europe*Star has communicated to the German administration its intention to use the additional frequencies on Galaxy 27 and will soon request the inclusion of these frequencies in the Europe*Star authorization. Intelsat will not operate Galaxy 27 at 45.10° E.L. in these additional frequencies until Europe*Star has been authorized to do so.

Please direct any questions about this supplement to the undersigned.

Respectfully submitted,



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

March 3, 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, Application for Special Temporary Authority for Galaxy 27 (Call Sign 2159), File No. SAT-STA-20100105-00004

Intelsat North America LLC, Application for Transfer of Control of the Galaxy 27 Satellite (Call Sign S2159) from U.S. to German Licensing Authority, File No. SAT-T/C-20100112-00009

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 Galaxy 27 satellite (call sign S2159) from 129.0° W.L to 45.10° E.L. and to provide additional information with respect to the corresponding application for transfer of control of the Galaxy 27 satellite from U.S. to German licensing authority.

The pending STA request states that “[u]pon completion of the maneuvers required to place Galaxy 27 at 45.10° E.L., Intelsat will notify the Commission and surrender its license for the Galaxy 27 satellite.”¹ Intelsat North America clarifies that it will not surrender its license prior to having received FCC authority to transfer the Galaxy 27 satellite from United States to German licensing authority.² If, upon completion of the drift, such authority has not yet been granted, Intelsat North America acknowledges that operation of the Galaxy 27 satellite would require additional Commission approval.

In addition, attached is a confidential letter and accompanying attachments sent by Intelsat North America to Bundesnetzagentur für Elektrizität, Gas,

¹ Intelsat North America LLC, Request for Special Temporary Authority for Galaxy 27, File No. SAT-STA-20100105-00004 at 2 (filed Jan. 5, 2010).

² Intelsat North America LLC Application for Transfer of Control of the Galaxy 27 Satellite, File No. SAT-T/C-20100112-00009 (filed Jan. 12, 2010).



Ms. Marlene H. Dortch, Secretary
March 3, 2010
Page 2

Telekommunikation, Post und Eisenbahnen ("BNetzA") requesting the assignment of additional orbital and frequencies rights at the nominal 45° E.L. location. Intelsat North America is simultaneously filing a request for confidential treatment of this letter and attachments pursuant to Sections 0.457 and 0.459 of the Commission's rules, 47 C.F.R. §§ 0.457 and 0.459.

Please direct any questions regarding this matter to the undersigned.

Sincerely,

/s/ Jennifer D. Hindin

Jennifer Hindin
Counsel for Intelsat North America LLC