



File # SAT-STA-20050128-00015  
*with attached conditions*

Call Sign S2394 Grant Date 2/1/2005  
(or other identifier)

Approved by OMB  
3060-0678

Term Dates  
From 2/1/2005 To: 3/2/2005

Approved: ALC Chief Satellite  
Robert G Nelson Engineering Branch

Date & Time Filed: Jan 28 2005 2:53:54:726PM  
File Number: SAT-STA-20050128-00015  
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:  
STA to Drift INTELSAT 605 to 174 E.L.

I. Applicant

<b>Name:</b>	Intelsat LLC	<b>Phone Number:</b>	202-944-7848
<b>DBA Name:</b>		<b>Fax Number:</b>	202-944-7860
<b>Street:</b>	c/o Intelsat Global Svc. Corp. 3400 International Drive, N.W.	<b>E-Mail:</b>	susan.crandall@intelsat.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20008 -3006
<b>Attention:</b>	Susan H. Crandall		

## ATTACHMENT

**Intelsat 605**  
**SAT-STA-20050128-00015**  
**Call Sign S2394**  
**January 31, 2005**

Intelsat LLC's (Intelsat) request, File No. SAT-STA-20050128-00015, for special temporary authority (STA) authority to immediately begin drifting its INTELSAT 605 satellite (Call Sign S2394) from 77° W.L. orbital location to 174° E.L. orbital location IS GRANTED.<sup>1</sup> Accordingly, Intelsat is authorized for a period of thirty days to drift the INTELSAT 605 satellite to the 174° E.L. orbital location and to operate the satellite's Tracking, Telemetry, Command, and Monitoring (TTC&M) in the 6168-6182 MHz (uplink) and 3947.325-3952.675 MHz (downlink) frequency bands during the drift commencing immediately in accordance with the terms, conditions, and technical specifications set forth in its application, the Commission's rules and this Attachment; and

1. During the drift of the satellite from 77° W.L. orbital location to 174° E.L. orbital location, Intelsat shall not operate the communications payload on the INTELSAT 605 satellite.
2. Intelsat shall coordinate all of its TTC&M operations with existing geostationary satellites to ensure that no unacceptable interference results from its TTC&M operations during its drift.
3. During the drift of the satellite from 77° W.L. orbital location to 174° E.L. orbital location, no harmful interference shall be caused by the INTELSAT 605 satellite to any other lawfully operating satellites or radiocommunication systems. Operations of the INTELSAT 605 satellite shall cease immediately upon notification of such interference and Intelsat shall inform the Commission in writing immediately of such an event.
4. While drifting the INTELSAT 605 satellite to 174° E.L. orbital location, Intelsat is required to accept interference from other lawfully operating in-orbit satellites.
5. This grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.

---

<sup>1</sup> INTELSAT 605 is currently located at 77° W.L., where it is operating pursuant to STA. See Intelsat LLC Request for Special Temporary Authority for INTELSAT 605, IBFS File No. SAT-STA-20041018-00203 (stamp grant on Dec. 20, 2004). Intelsat had previously planned to drift INTELSAT 605 from 77° W.L. to 178° E.L. orbital location after its temporary operation at 77° W.L. orbital location. Intelsat now seeks authority to drift the satellite to 174° E.L. orbital location to help restore service at that location.

2. Contact

<b>Name:</b>	Carl R. Frank	<b>Phone Number:</b>	202-719-7269
<b>Company:</b>	Wiley Rein & Fielding LLP	<b>Fax Number:</b>	202-719-7049
<b>Street:</b>	1776 K Street NW	<b>E-Mail:</b>	cfrank@wrf.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20006 -
<b>Contact Title:</b>	Attorney	<b>Relationship:</b>	Legal Counsel

(If your application is related to an application filed with the Commission, enter the file number below.)

3. Reference File Number SATMOD2004101300199

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).
- Governmental Entity     Noncommercial educational licensee
- Other (please explain):

4b. Fee Classification    CRY - Space Station (Geostationary)

5. Type Request

- Change Station Location                       Extend Expiration Date                       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 LLC herein requests Special Temporary Authority for 30 days beginning January 31, 2005 to begin drifting INTELSAT 605 to 174 E.L. See attached.

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  
Patrick J. Cerra

11. Title of Person Signing  
Vice President

12. Please supply any need attachments.

Attachment 1: Attachment A

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).

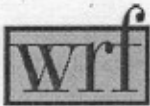


**FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT**

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 [jboley@fcc.gov](mailto:jboley@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.**



Wiley Rein & Fielding LLP

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

Virginia Office  
7925 JONES BRANCH DRIVE  
SUITE 6200  
MCLEAN, VA 22102  
PHONE 703.905.2800  
FAX 703.905.2820

www.wrf.com

January 28, 2005

Carl R. Frank  
202.719.7269  
cfrank@wrf.com

**VIA ELECTRONIC FILING**

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
236 Massachusetts Avenue, N.E., Suite 110  
Washington, DC 20002

Re: Request for Special Temporary Authority for INTELSAT 605  
Call Sign: S2394

Dear Ms. Dortch:

Intelsat LLC ("Intelsat") herein requests Special Temporary Authority ("STA")<sup>1</sup> for 30 days beginning January 31, 2005 to begin drifting INTELSAT 605 to 174° E.L. INTELSAT 605 currently is located at 77° W.L., where it is operating pursuant to STA.<sup>2</sup> Intelsat is authorized to drift INTELSAT 605 from 77° W.L. to 178° E.L. after its temporary operation at 77° W.L.,<sup>3</sup> but instead now seeks authority to drift the satellite to 174° E.L. to help restore service at that location after the recent failure of INTELSAT 804.<sup>4</sup> Intelsat intends to file shortly an amendment to its pending modification application<sup>5</sup> in order to seek authority to operate INTELSAT

<sup>1</sup> Intelsat has filed its STA request, this supporting letter, an FCC Form 159 and a \$735.00 filing fee electronically via the International Bureau's filing System.

<sup>2</sup> See Intelsat LLC Request for Special Temporary Authority for INTELSAT 605, File No. SAT-STA-20041018-00203 (stamp grant issued by Andrea Kelly, FCC, on Dec. 20, 2004).

<sup>3</sup> See Intelsat LLC Request for Special Temporary Authority for INTELSAT 605, File No. SAT-STA-20041018-00202 (stamp grant issued by Andrea Kelly, FCC, on Oct. 21, 2004).

<sup>4</sup> As the Commission is aware, INTELSAT 804 experienced a sudden and unexpected electrical power system anomaly on January 14, 2005 that caused the total loss of the spacecraft.

<sup>5</sup> Application of Intelsat LLC to Modify Authorization for INTELSAT 605, File No. SAT-MOD-20041013-00199 (filed Oct. 13, 2004).

Wiley Rein & Fielding LLP

January 28, 2005

Page 2

605 at 174° E.L. upon its arrival at that location, which currently is expected to be late March 2005.

During the drift of the satellite, Intelsat will utilize only TT&C frequencies on the satellite. Those TT&C frequencies are as follows:

Uplink:            6175 MHz +/- 7 MHz  
Downlink:        3950 MHz +/- 2.675 MHz

Grant of this STA request will serve the public interest by allowing Intelsat to help restore service at 174° E.L. following a satellite failure. Moreover, allowing the satellite to immediately begin drifting allows Intelsat to conserve fuel on a satellite that is nearing the end of its useful life. In addition, grant of this STA request will not result in increased risk of harmful interference. As noted above, Intelsat will operate only TT&C frequencies during the drift. Should any interference occur during the drift, Intelsat will take all reasonable steps to eliminate such interference.

Because Intelsat would like to begin the drift on January 31, 2005 in order to have INTELSAT 605 on location at 174° E.L. as quickly as possible, Intelsat respectfully requests expeditious grant of this STA request.

Respectfully submitted,

*/s/ Amy E. Bender*

Carl R. Frank  
Amy E. Bender  
*Counsel to Intelsat LLC*

cc: Tom Tycz  
Andrea Kelly  
Bob Nelson