

File # SAT- STA - 20100326- 00057

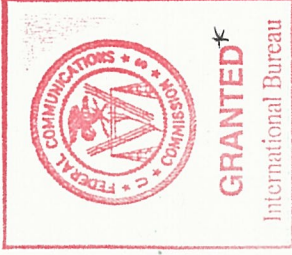
Call Sign S2401 Grant Date 07/01/10

(or other identifier) Term Dates 60 days period of To: 07/01/10

Approved by OMB 3060-0678

Approved: Stephen J. Duall

Stephen J. Duall Chief, Satellite Policy Branch



Date & Time Filed: Mar 26 2010 2:58:43:413PM
File Number: SAT-STA-20100326-00057
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:
Request for Special Temporary Authority to Drift Intelsat 706, Call Sign S2401

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
IBFS File No. SAT-STA-20100326-00057
Call Sign S2401
July 1, 2010

The request of Intelsat North America North America LLC (Intelsat), IBFS File No. SAT-STA-20100326-00057, as supplemented on May 18, 2010, is granted. Accordingly, Intelsat is authorized for a period of 60 days to operate Telemetry, Tracking, and Telecommand (TT&C) operations with the Intelsat 706 space station (Call Sign S2401) necessary to effect the drift of the space station from the 54.85° E.L. orbital location to the 72.1° E.L. orbital location, and to maintain Intelsat 706 at 72.1° E.L., using the following frequencies: 6173.7 MHz and 6176.3 MHz (left-hand circular polarization/Earth-to-space); 3947.5 MHz, 3948.0 MHz, 3952.5 MHz, and 3952.0 MHz (right-hand circular polarization/space-to-Earth). Additionally, Intelsat is granted authority to provide Fixed-Satellite Service at the 72.1° E.L. orbital location on a temporary basis using the 3700-4200 MHz (space-to-Earth), 5925-6425 MHz (Earth-to-space), 10.95-11.2 GHz (space-to-Earth), 11.45-11.70 GHz, (space-to-Earth), 12.50-12.75 GHz (space-to-Earth), and 14.0-14.5 GHz (Earth-to-space) frequency bands. This authorization shall be in accordance with the technical specifications set forth in Intelsat's application, Federal Communications Commission (Commission) rules, and the following conditions:

1. All operations of Intelsat 706 during the drift to and operation at the 72.1° E.L. orbital location shall be on an 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 706's drift to or operation at the 72.1° 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. Intelsat shall maintain full operational control of Intelsat 706 at all times.
4. Intelsat shall operate Intelsat 706 at the 72.1° E.L. orbital location in accordance with any existing coordination agreements for this location.
5. In connection with the provision of service in any particular country, Intelsat is obliged to comply with the applicable laws, regulations, rules, and licensing procedures of that country.
6. While at the 72.1° E.L. orbital location, Intelsat shall maintain the Intelsat 706 space station with an east/west longitudinal station-keeping tolerance of +/- 0.05 degrees.
7. Intelsat's request that the Part 25 technical waivers previously granted to the Intelsat 706 space station continue to apply to the temporary operations at the 72.1° E.L. orbital location, is granted. *See* Intelsat LLC, Memorandum Opinion and Order, 15 FCC Rcd 15460 (2000), *recon. denied*, 15 FCC Rcd 25234 (2000).

Attachment
IBFS File No. SAT-STA-20100326-00057
Call Sign S2401
July 1, 2010

8. Intelsat's use of the 10.95-11.2 GHz and 11.45-11.7 GHz bands is subject to footnote US211 to the 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, consistent with footnote US74.

9. Intelsat's operation of the Intelsat 706 space station in the 10.95-11.2 GHz and 11.45-11.7 GHz bands is 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).


10. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat's own risk.

11. Grant of this authorization is without prejudice to any determination that the Commission may make regarding Intelsat's pending application to re-locate the Intelsat 706 space station to the 72.1° E.L. orbital location, IBFS File No. SAT-MOD-20100511-00098.

12. This grant of special temporary authority is without prejudice (1) to any decision with respect to any replacement expectancy at the 72.1° E.L. orbital location, or (2) any action on the Petition for Specific Authority Under Section 25.161(c) filed by PanAmSat Licensee Corp. on April 5, 2010, to retain authority to use C- and Ku-band frequencies at the nominal 72° E.L. orbital location.

13. 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.

14. 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. 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.

 GRANTED* International Bureau	File # SAT- STA- 20100326- 00057
	Call Sign S2401 Grant Date 07/01/10 (or other identifier)
	From 07/01/10 Term Dates period of To: 60 days
	Approved: <i>Stephen J. Duall</i> Stephen J. Duall Chief, Satellite Policy Branch

*subject to conditions
2

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	
72.1 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 60 days beginning July 1, 2010 to drift Intelsat 706, call sign S2401, from 54.85 E.L. to 72.1 E.L. and begin operating at 72.1 E.L. Intelsat will shortly file an application for permanent authority to redeploy Intelsat 706 to 72.1 E.L., where it will operate in the C-

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"; 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 60 days beginning July 1, 2010 to drift Intelsat 706, call sign S2401, from 54.85 E.L. to 72.1 E.L. and begin operating at 72.1 E.L. Intelsat will shortly file an application for permanent authority to redeploy Intelsat 706 to 72.1 E.L., where it will operate in the C- and Ku-bands.

March 26, 2010

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



Re: Request for Special Temporary Authority to Drift Intelsat 706
Call Sign S2401

Dear Ms. Dortch:

Intelsat North America LLC ("Intelsat") herein requests Special Temporary Authority ("STA")¹ for 60 days beginning July 1, 2010 to drift Intelsat 706 (call sign S2401) from 54.85° E.L. to 72.1° E.L. and begin operating at 72.1° E.L. Intelsat will shortly file an application for permanent authority to redeploy Intelsat 706 to 72.1° E.L., where it will operate in the C- and Ku-bands.

Intelsat 706 is currently operating at 54.85° E.L.² Following traffic transfer from Intelsat 706 to Intelsat 709 (call sign S2396)³ and subject to receipt of FCC approval, Intelsat 706 will be relocated to 72.1° E.L. where it will follow Intelsat 4 (call sign S2461), which recently was de-orbited due to an anomaly.⁴

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

² See *Policy Branch Information; Actions Taken*, Report No. SAT-00668, File No. SAT-STA-20091222-00149 (Feb. 26, 2010) (Public Notice).

³ See *Policy Branch Information; Actions Taken*, Report No. SAT-00666, File No. SAT-STA-20100111-00006 (Feb. 19, 2010) (Public Notice) (granting 60-day STA to drift and operate at 54.85° E.L.). The modification application for permanent authority to operate the Intelsat 709 satellite at 54.85° E.L. remains pending. See *Intelsat North America, Application to Modify Authorization for Intelsat 709 (S2396)*, File No. SAT-MOD-20091106-00117 (filed Nov. 6, 2009). On March 15, 2010, Intelsat filed a request for STA to continue to drift Intelsat 709 (call sign S2396) past 54.85° E.L. to 50.0° E.L. and to operate it at 50.0° E.L. for 10 days pursuant to the ITU filings of the administration of Turkey. After this 10-day period, Intelsat 709 will return to the 54.85° E.L. orbital location. See *Request for Special Temporary Authority to Drift Intelsat 709, Call Sign S2396*, File No. SAT-STA-20100315-00046 (filed Mar. 15, 2010).

⁴ See *PanAmSat Licensee Corp. Request for Special Temporary Authority to Conduct Emergency Operations for the Intelsat 4 Satellite, Call Sign S2461*, File No. SAT-STA-20100205-00022 (stamp grant Mar. 8, 2010); *PanAmSat*

Ms. Marlene H. Dortch
March 26, 2010
Page 2

During the drift of Intelsat 706 from 54.85° E.L. to 72.1° E.L., Intelsat will utilize only the satellite's TT&C frequencies and will follow industry practices for coordinating TT&C transmissions during the relocation process. The specific TT&C frequencies are as follows:

Uplink:

6173.7 (LHCP)
6176.3 (LHCP)

Downlink:

3947.5 (RHCP)
3948.0 (RHCP)
3952.5 (RHCP)
3952.0 (RHCP)

Grant of this STA request is in the public interest because it will allow Intelsat to begin drifting Intelsat 706 and operating the satellite at 72.1° E.L. as quickly as possible. This will allow Intelsat to again offer services to customers in the Indian Ocean region from this location following the emergency de-orbit of Intelsat 4.

Grant of this STA request will not result in increased risk of harmful interference. As noted above, Intelsat will operate only the above listed TT&C frequencies during the drift and will coordinate its TT&C transmissions with operators of satellites in the drift path. Should any interference occur during the drift, Intelsat will take all reasonable steps to eliminate such interference. Once on-station at 72.1° E.L., Intelsat will operate the communications payload in conformance with Intelsat's coordination agreements related to the nominal 72.0° E.L. location.

Licensee Corp., Request for Extension of Special Temporary Authority to Conduct Emergency Operations for the Intelsat 4 Satellite, Call Sign S2461, File No. SAT-STA-20100212-00026 (stamp grant Mar. 8, 2010); PanAmSat Licensee Corp. Request for Further Extension of Special Temporary Authority to Conduct Emergency Operations for the Intelsat 4 Satellite, Call Sign S2461, File No. SAT-STA-20100224-00035 (stamp grant Mar. 8, 2010). On March 10, 2010, PanAmSat filed a notice of de-orbit, informing the Commission that the Intelsat 4 satellite had been de-orbited to an altitude of 914.5 km above the geostationary arc. See Letter from Susan H. Crandall to Marlene H. Dortch, Re: Intelsat 4 De-Orbit, Call Sign S2461 (filed Mar. 10, 2010).

Ms. Marlene H. Dortch

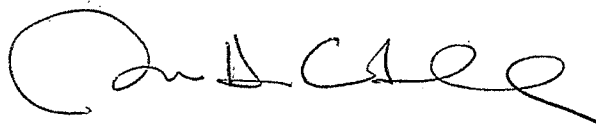
March 26, 2010

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. Intelsat 706 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 706 at 72.1° E.L. Finally, Intelsat is not aware of any system with an overlapping station-keeping volume with Intelsat 709 at 72.1° E.L. 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 expeditiously grant this request.

Sincerely,

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: Karl Kensinger
Kathryn Medley
Stephen Duall

May 18, 2010

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



Re: Request for Special Temporary Authority to Drift Intelsat 706
File No. SAT-STA-20100326-00057, Call Sign S2401

Dear Ms. Dortch:

Intelsat North America LLC (“Intelsat”) herein supplements the above-referenced pending request for Special Temporary Authority (“STA”) for 60 days beginning July 1, 2010 to drift Intelsat 706 (call sign S2401) from 54.85° E.L. to 72.1° E.L. and to begin operating at 72.1° E.L.¹ In response to a request from the International Bureau staff, this letter specifies the proposed operational frequencies and geographic service area for the Intelsat 706 satellite.

Operational Frequencies. Intelsat seeks STA to operate the Intelsat 706 satellite in the following frequencies.

3700–4200 MHz (space-to-Earth)
5925–6425 MHz (Earth-to-space)
10950 – 11200 MHz (space-to-Earth)
11450 – 11700 MHz (space-to-Earth)
12500 – 12750 MHz (space-to-Earth)
14000–14500 MHz (Earth-to-space)

Geographic Service Area. The Intelsat 706 satellite will provide service to Europe, Africa, Asia and Australia. The Intelsat 706 will not provide service to, from or within the United States from the 72.1° E.L. orbital location.

This same information on Intelsat 706’s frequencies and geographic service area at the 72.1° E.L. orbital location was included in a recently filed modification application and is incorporated by reference.² Intelsat also requests that, to the extent necessary, the Part 25 waivers originally granted to the Intelsat 706 spacecraft, and requested in the pending modification

¹ See *Request for Special Temporary Authority to Drift Intelsat 706*, File No. SAT-STA-20100326-00057 (filed Mar. 26, 2010).

² *Intelsat North America LLC Application to Modify Authorization for Intelsat 706 (S2401)*, File No. SAT-MOD-20100511-00098 (filed May 11, 2010).

Ms. Marlene H. Dortch
May 18, 2010
Page 2

application, continue to apply at the 72.1° E.L. location, namely, the waivers of Sections 25.202(g), 25.210(a)(1), 25.210(a)(3), 25.210(i) and 25.211(a) of the Commission's rules.³

For the reasons set forth herein, PanAmSat respectfully requests that the Commission grant PanAmSat's pending STA request as supplemented with this letter.

Sincerely,

/s/ Susan H. Crandall

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Robert Nelson
Kathryn Medley
Stephen Duall

³ 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).