

S2751 SAT-STA-20110302-00045
Intelsat New Dawn Company, Ltd.
Intelsat New Dawn

IB2011000644

Approved by OMB
3060-0678

Date & Time Filed: Mar 2 2011 3:06:29:230PM
File Number: SAT-STA-20110302-00045
Callsign:

File # SAT-STA-20110302-00045
Call Sign S2751 Grant Date 04/27/11
(or other identifier) Term Dates 05/03/11 To: 05/03/11 Period of 30 days
Approved: Stephen J. Duall
Stephen J. Duall
Chief, Satellite Policy Branch



*with 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 Conduct In-Orbit Testing of New Dawn (Call Sign S2751)


I. Applicant

Name:	Intelsat New Dawn Company, Ltd.	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:	
Country:	USA	Zipcode:	
Attention:	Susan H Crandall		

Attachment to Grant
Application of Intelsat New Dawn, Ltd. for Special Temporary Authority
IBFS File No. SAT-STA-20110302-00045

The request of Intelsat New Dawn, Ltd. (Intelsat New Dawn) for special temporary authority (STA), IBFS File No. SAT-STA-20110302-00045, as supplemented, to perform in-orbit testing of the Intelsat New Dawn space station (Call Sign S2751) at the 23.1° E.L orbital location is granted for a period of 30 days, commencing on May 3, 2011. Accordingly, Intelsat New Dawn is authorized to operate the communications payload on Intelsat New Dawn at the 23.1° E.L. orbital location in the following frequency bands: 3625-4200 MHz (space-to-Earth), 5850-6500 MHz (Earth-to-space), 10950-11200 MHz and 11450-11700 MHz (space-to-Earth), and 14000-14500 MHz (Earth-to-space). Additionally, Intelsat New Dawn is authorized to operate Telemetry, Tracking, and Telecommand (TT&C) on Intelsat New Dawn both to support testing operations at the 23.1° E.L. orbital location, and to effect New Dawn's drift to its authorized location of 32.8° E.L. at the completion of in-orbit testing, using the following center frequencies: 3947.5 MHz, 3950 MHz, 3952.5 MHz, 11.198 GHz, and 11.452 GHz (space-to-Earth); 6173.7 MHz and 6176.3 MHz (Earth-to-space). This authorization is granted subject to the technical parameters specified in Intelsat New Dawn's application, the rules of the Federal Communication Commission (Commission), and the following conditions.

1. All operations shall be on an unprotected and non-harmful interference basis, *i.e.*, Intelsat New Dawn shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radiocommunication system.
2. In the event of any harmful interference as a result of the operations of Intelsat New Dawn at the 23.1° E.L. orbital location or during its drift to the 32.8° E.L. orbital location, Intelsat New Dawn shall cease operations immediately upon notification of such interference and shall inform the Commission immediately, in writing, of such an event.
3. Intelsat New Dawn shall coordinate the operations of Intelsat New Dawn with existing geostationary satellites to ensure that no unacceptable interference results from its operations at the 23.1° E.L. orbital location.
4. Intelsat New Dawn shall operate only the TT&C frequencies on Intelsat New Dawn during the space station's drift from the 23.1° E.L. orbital location to the 32.8° E.L. orbital location.
5. During the in-orbit testing period, Intelsat New Dawn shall maintain the Intelsat New Dawn space station within an east/west longitudinal station-keeping tolerance of ± 0.05 degrees of the 23.1° E.L. orbital location.
6. Intelsat New Dawn is afforded 30 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 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 *with conditions	File # <u>SAT-STA-20110302-00045</u>
	Call Sign <u>S2751</u> Grant Date <u>04/27/11</u> (or other identifier)
	Term Dates period of From <u>05/03/11</u> To: <u>30 days</u>
	Approved: <u>Stephen J. Duall</u> Stephen J. Duall Chief, Satellite Policy Branch

2. Contact	
Name: Susan H Crandall	Phone Number: 202-944-7848
Company: c/o Intelsat Corporation	Fax Number: 202-944-7870
Street: 3400 International Drive, N.W.	E-Mail: susan.crandall@intelsat.com
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 SATMOD2010102900228 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 type="radio"/> Extend Expiration Date <input checked="" type="radio"/> Other	
6. Temporary Orbit Location	
23.1 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 New Dawn Company, Ltd. herein requests a grant of Special Temporary Authority for 30 days, from April 5, 2011 through May 4, 2011, to conduct in-orbit testing of New Dawn (call sign S2751) at 23.1 E.L. in the bands 3620-4200 MHz (downlink), 5850-6500 MHz (uplink), 10950-11200 MHz and 11450-11700 MHz (downlink), and 14000-14500 MHz (uplink) and

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

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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.

8. Description

Intelsat New Dawn Company, Ltd. herein requests a grant of Special Temporary Authority for 30 days, from April 5, 2011 through May 4, 2011, to conduct in-orbit testing of New Dawn (call sign S2751) at 23.1 E.L. in the bands 3620-4200 MHz (downlink), 5850-6500 MHz (uplink), 10950-11200 MHz and 11450-11700 MHz (downlink), and 14000-14500 MHz (uplink) and to drift the satellite to its permanent location of 32.8 E.L.

April 12, 2011



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

Re: Supplement to Request for Special Temporary Authority to
Conduct In-Orbit Testing of New Dawn; Call Sign: S2751
File No. SAT-STA-20110302-00045

Dear Ms. Dortch:

Intelsat New Dawn Company, Ltd. ("Intelsat") herein supplements the above referenced request for Special Temporary Authority ("STA") to conduct in-orbit testing ("IOT") of New Dawn (call sign S2751) at 23.1° E.L. in the bands 3620-4200 MHz (downlink), 5850-6500 MHz (uplink), 10950-11200 MHz and 11450-11700 MHz (downlink), and 14000-14500 MHz (uplink) and to drift the satellite to its permanent location of 32.8° E.L.¹ Specifically, Intelsat wishes to revise the requested start date as explained below.

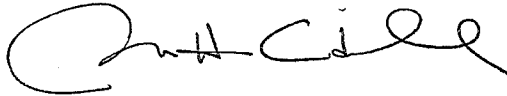
New Dawn was scheduled to be launched on March 30, 2011. In the above referenced STA request, Intelsat asked for a start date of April 5, 2011. However, the launch was scrubbed after the launch sequence shut down automatically. The rescheduled launch date for New Dawn is currently April 22, 2011. Accordingly, Intelsat requests a revised start date for the above referenced STA of May 3, 2011.

¹ See *Policy Branch Information; Actions Taken*, Report No. SAT-00769, File No. SAT-MOD-20101029-00228 (Apr. 1, 2011) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-00574, File No. SAT-LOA-20080509-00101 (Jan. 16, 2009) (Public Notice). During the drift from 23.15° E.L. to 32.8° E.L., only the satellite's TT&C frequencies will be utilized.

Ms. Marlene H. Dortch
April 12, 2011
Page 2

For the reasons set forth herein and in the original STA request, Intelsat respectfully requests that the Commission grant the STA request with a start date of May 3, 2011.

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 a long horizontal stroke.

Susan H. Crandall
Assistant General Counsel

Intelsat Corporation

Cc: Robert Nelson
Karl Kensinger
Kathryn Medley
Stephen Duall

April 18, 2011



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

Re: Correction to Request for Special Temporary Authority to
Conduct In-Orbit Testing of New Dawn; Call Sign: S2751
File No. SAT-STA-20110302-00045

Dear Ms. Dortch:

Intelsat New Dawn Company, Ltd. ("Intelsat") herein corrects an error in the above referenced request for Special Temporary Authority ("STA") to conduct in-orbit testing ("IOT") of New Dawn (call sign S2751) at 23.1° E.L. and to drift the satellite to its permanent location of 32.8° E.L.¹ Specifically, Intelsat notes that the C-band downlink band that Intelsat intends to use is 3625-4200 MHz. The STA request inaccurately stated that the band was 3620-4200 MHz. All other frequencies listed in the STA request are accurate: 5850-6500 MHz (uplink), 10950-11200 MHz and 11450-11700 MHz (downlink), and 14000-14500 MHz (uplink).

The rescheduled launch date for New Dawn is currently April 22, 2011, as stated in a recently-filed supplement seeking a revised STA start date of May 3, 2011.²

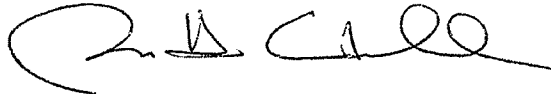
¹ See *Policy Branch Information; Actions Taken*, Report No. SAT-00574, File No. SAT-LOA-20080509-00101 (Jan. 16, 2009) (Public Notice); *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00752, File No. SAT-MOD-20101029-00228 (Jan. 21, 2011) (Public Notice). During the drift from 23.1° E.L. to 32.8° E.L., only the satellite's TT&C frequencies will be utilized.

² See Letter from Susan H. Crandall, Intelsat Corporation, to Marlene H. Dortch, Federal Communications Commission, File No. SAT-STA-20110302-00045 (Apr. 12, 2011).

Ms. Marlene H. Dortch
April 18, 2011
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Please direct any questions regarding this correction to the
undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "S. 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
Kathyrn Medley
Stephen Duall