Date & Time Filed: Nov 26 2007 4:33:30:206PM

File Number: SAT-STA-20071126-00162 Callsign: STOP

30 day 51 R

APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY FEDERAL COMMUNICATIONS COMMISSION

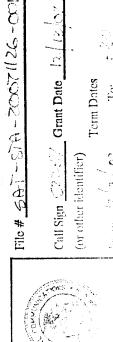
## FOR OFFICIAL USE ONLY

## APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:

Request for Extension of STA to Temporarily Operate TT&C Frequencies on Intelsat 11 at 43.2 W.L.

| 202–944–7848 202–944–7870 susan.crandall@intelsat.com DC 20008 –3006 | Phone Number: Fax Number: E-Mail: State: Zipcode: | PanAmSat Licensee Corp.  c/o Intelsat Corporation 3400 International Drive. N.W. Washington USA | DBA Name: Street: City: Country: |
|--|---|---|----------------------------------|
|  |   |   |                                  |
|  |   |   |                                  |
|  | Zipcode:  | USA   | Country:                         |
| DC   | State:  | Washington  | City:                            |
|  |   | 3400 International Drive, N.W.  |                                  |
| susan.crandall(@intelsat.com   | E-Mail:   | c/o Intelsat Corporation  | Street:                          |
| 202-944-7870   | Fax Number:                                       |   | DBA Name:                        |
| 202-944-7848   | Phone Number:                                     | PanAmSat Licensee Corp.   | Name.                            |



1710# 587-578-2007/1/26-001/1

Term Dates

## Attachment IBFS File Nos. SAT-STA-20071018-00142 and SAT-STA-20071126-00162 December 13, 2007

PanAmSat Licensee Corp.'s (PanAmSat's) request. File No. SAT-STA-20071018-00142, IS GRANTED. Accordingly, PanAmSat is authorized to operate the Intelsat 11 satellite's (Call Sign: S2237) Tracking, Telemetry, and Command (TT&C) functions at the 43.2° W.L. orbital location for a period of 180 days commencing on December 13, 2007 using the following TT&C frequencies: center frequencies 13246.5 MHz (horizontal polarization) and 13995.5 MHz (vertical polarization), each with a bandwith of 1000 mhz, for command operations; and at the center frequencies 11448 MHz (horizontal polarization) and 11449 MHz (horizontal polarization). each with a bandwidth of 500 mhz, for telemetry operations. These authorizations are subject to the terms, conditions, and technical specifications set forth in PanAmSat's applications, this Attachment, and the Commission's rules:

All operations shall be on an unprotected and non-harmful interference basis, *i.e.*, PanAmSat shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radiocommunication system.

In the event of any harmful interference as a result of PanAmSat's operations at the 43.2° W.L. orbital location, PanAmSat shall cease operations immediately upon notification of such interference and shall inform the FCC, in writing, immediately of such an event.

While at the 43.2° W.L. orbital location, PanAmSat shall maintain the Intelsat 11 spacecraft with an east/west longitudinal station-keeping tolerance of 0.05 degrees.

Any actions taken as a result of the launch and operation of Intelsat 11 are solely at PanAmSat's own risk.

PanAmSat's request, File No. SAT-STA-20071126-00162, to operate the Intelsat 11 satellite's TT&C functions at the 43.2° W.L. orbital location for a period of 30 days commencing on December 3, 2007 using the TT&C frequencies listed above, IS GRANTED to the extent necessary, or otherwise is dismissed as moot.<sup>1</sup>

6. 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

and technical from Dates

(or other identifier)

Torm Dates

From

Torm Dates

From

Torm Dates

<sup>&</sup>lt;sup>1</sup> The Satellite Division previously granted PanAmSat special temporary authority (STA) to operate the Intelsat 11 satellite at the same location and frequencies for a period of 30 days commencing on November 3, 2007. See PanAmSat Licensee Corp., IBFS File No. SAT-STA-20071018-00143, grant stamped November 2, 2007. PanAmSat subsequently filed an application to renew this authority for an additional 30 days, beginning December 3, 2007, pending the disposition of the 180-day STA that is granted here. See PanAmSat Licensee Corp., IBFS File No. SAT-STA-20071126-00162. We grant this subsequent renewal STA to the extent necessary to bridge the gap between the time that the current STA expires and the 180-day STA commences.

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.

| 2. Contact                         |  |                     |   |  |
|------------------------------------|--|---------------------|---|--|
| Name:                              | PanAmSat Licensee Corp.  | Phone Number:       | 202-944-7848  |  |
| Company                            | :  | Fax Number:         | 202-944-7870  |  |
| Street:                            | c/o Intelsat Corporation   | E-Mail:             | susan.crandall@intelsat.com                                 |  |
|                                    | 3400 International Drive, N.W.   |                     |   |  |
| City:                              | Washington   | State:              | DC  |  |
| Country:                           | USA  | Zipcode:            | 20008 -3006   |  |
| Attention:                         | Susan H Crandall   | Relationship:       | Legal Counsel   |  |
| • If Yes, complete a               | ed with this application?  nd attach FCC Form 159. If No, i  tity Noncommercial education  ain): |                     | ı (see 47 C.F.R.Section 1.1114).                            |  |
| 4b. Fee Classification             | CRY – Space Station (Geostation  | ary)                |   |  |
| 5. Type Request                    |  |                     |   |  |
| O Change Station L                 | ocation Exte   | end Expiration Date | O Other   |  |
| Temporary Orbit Location 43.2 W.L. |  | 1 .                 | 7. Requested Extended Expiration Date 2008–01–01 00:00:00.0 |  |

| 8. Description (If the complete description)  | ription does not appear in this l                                 | box, please go to the end of                                | the form to view it in its entirety        | 7.)      |
|---|---|---|--|----------|
| PanAmSat Licensee Corporiginally granted to satellite's TT&C frequ  | it to stop Intelsat   | 11 at 43.2 W.L. and   | <del>-</del>                               |          |
| 9. By checking Yes, the undersigned of to a denial of Federal benefits that incommendate 21 U.S.C. Section 862, because of a comment of the meaning of "p. 10. Name of Person Signing Susan H. Crandall | ludes FCC benefits pursuant to<br>onviction for possession or dis | o Section 5301 of the Anti-I stribution of a controlled sub | Drug Act of 1988, ostance. See 47 CFR ning | O No     |
| 12. Please supply any need attachmen  | ts.   | <del></del>   |  | <u> </u> |
| Attachment 1:   | Attachment 2:   |   | Attachment 3:                              |          |
| WILLFUL FALSE STATE   | MENTS MADE ON THIS FO   | RM ARE PUNISHABLE B   | Y FINE AND / OR IMPRISON                   | MENT     |
|   | 18. Section 1001), AND/OR F<br>le 47, Section 312(a)(1)), AND     |   |  |          |

## 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. 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.

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



Re: Request for Extension of Special Temporary Authority to Temporarily Locate Intelsat 11 at 43.2° W.L. and Operate Its TT&C Frequencies Call Sign: S2237

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests a 30-day extension -through January 1, 2008 -- of the Special Temporary Authority ("STA")<sup>1</sup>
originally granted it to stop Intelsat 11 at 43.2° W.L. and temporarily operate
only the satellite's TT&C frequencies at that location.<sup>2</sup> Intelsat 11 currently is
licensed to operate at 43.1° W.L.<sup>3</sup> and the satellite ultimately will be deployed
to that location. However, for the reasons explained in its original STA request,
PanAmSat wishes to continue temporarily to keep the satellite at 43.2° W.L.,
while operating only the satellite's TT&C frequencies.

As PanAmSat previously explained, Intelsat 11 is a replacement satellite for Intelsat 6B, which currently operates at 43.1° W.L. Originally, PanAmSat intended to drift Intelsat 11 to 43.1° W.L. immediately after completion of inorbit testing and to transfer the traffic currently on Intelsat 6B to Intelsat 11 at this location. Subsequently, Intelsat 6B would be moved to 43.2° W.L. until the satellite is de-orbited. However, because Intelsat 11 does not yet have the requisite landing rights in one country, the traffic on Intelsat 6B cannot yet be transferred to Intelsat 11. In order to ensure safe station-keeping of both Intelsat 11 and Intelsat 6B, PanAmSat temporarily has located Intelsat 11 at 43.2° W.L., where it operates only the satellite's TT&C frequencies. Immediately upon receipt of the required foreign landing rights, PanAmSat intends to drift Intelsat

<sup>&</sup>lt;sup>1</sup> PanAmSat has filed this STA request, an FCC Form 159 and a \$790.00 filing fee electronically via the International Bureau's Filing System.

<sup>&</sup>lt;sup>2</sup> See Policy Branch Information; Actions Taken, Report No. SAT-00481, File No. SAT-STA-20071018-00143 (Nov. 9, 2007) (Public Notice).

<sup>&</sup>lt;sup>3</sup> See Policy Branch Information, Actions Taken, Report No. SAT-00474, File Nos. SAT-MOD-20070207-00027 and SAT-AMD-20070716-00102 (Oct. 5, 2007) (Public Notice).

<sup>&</sup>lt;sup>4</sup> See Policy Branch Information, Satellite Space Applications Accepted for Filing, Report No. SAT-00470, File No. SAT-STA-20070813-00114 (Sept. 14, 2007) (Public Notice).

Ms. Marlene H. Dortch November 26, 2007 Page 2

11 to 43.1° W.L. and transfer Intelsat 6B's traffic to it. To the extent it needs such authorization, PanAmSat asks that this STA request also include the ability to drift Intelsat 11 to 43.1° W.L. at such time as traffic transfer legally can occur.

As noted in its original STA request, PanAmSat also has filed a 180-day STA request to operate the satellite's TT&C frequencies at 43.2° W.L., which remains pending. PanAmSat fully expects, however, to have the requisite landing rights needed to transfer traffic from Intelsat 6B to Intelsat 11 well before the current expected end-of-life date of Intelsat 6B, which is February 2008.

While Intelsat 11 continues to be located temporarily at 43.2° W.L., and while it subsequently drifts from 43.2° W.L. to 43.1° W.L., only the following TT&C frequencies will be operated on the satellite: command frequencies 13246.5 MHz (horizontal polarization) and 13995.5 MHz (vertical polarization); telemetry frequencies 11448 MHz (horizontal polarization) and 11449 MHz (horizontal polarization).

All TT&C operations of Intelsat 11 at 43.2° W.L. will continue to be in conformance with relevant coordination agreements PanAmSat has reached with other administrations regarding operations at the nominal 43.0° W.L. location. In addition, PanAmSat will continue to operate in accordance with the FCC's rules designed to allow co-frequency, co-coverage operations in a two-degree spaced environment. As a result of these efforts, PanAmSat's continued operation of Intelsat 11's TT&C frequencies at the 43.2° W.L. location poses no risk of harmful interference to adjacent operational satellites.

Grant of this STA request will serve the public interest by allowing PanAmSat to ensure the safe station-keeping of Intelsat 11 and Intelsat 6B at the nominal 43.0° W.L. location until services legally can be transferred from the latter to the former. As noted above, PanAmSat expects to be able to move Intelsat 11 to 43.1° W.L. and complete the traffic transfer well in advance of the need to de-orbit Intelsat 6B.

<sup>&</sup>lt;sup>5</sup> See Policy Branch Information; Satellite Space Applications Accepted for Filing, Report No. SAT-00478, File No. SAT-STA-200710-18-00142 (Nov. 2, 2007) (Public Notice).

Ms. Marlene H. Dortch November 26, 2007 Page 3

For the reasons set forth herein, PanAmSat respectfully requests that the Commission grant this request.

Sincerely,

Susan H. Crandall

Assistant General Counsel

Intelsat Corporation

cc: Robert Nelson

Andrea Kelly

Karl Kensinger

Jabin Vahora