

S2253 SAT-MOD-20101102-00229
INTELSAT LICENSE LLC
GALAXY 11

IB2010003406

File # SAT-MOD-20101102-00229

Call Sign S2253 **Grant Date** 03/08/11
(or other identifier)

Term Dates
From 03/08/11 **To:** 04/06/15

Approved: *Stephen J. Duall*
Stephen J. Duall
Chief, Satellite Policy Branch

Approved by OMB
3060-0678

Date & Time Filed: Nov 2 2010 4:42:25:853PM
File Number: SAT-MOD-20101102-00229

FCC APPLICATION FOR SPACE AND EARTH STATION:MOD OR AMD - MAIN FORM

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FCC Use Only

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
Application to Modify Authorization for Galaxy 11 (S2253)

1-8. Legal Name of Applicant

Name:	PanAmSat Licensee Corp.	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-MOD-20101102-00229
Call Sign: S2253
March 8, 2011 (as corrected April 7, 2011)

The request of Intelsat License LLC (formerly PanAmSat Licensee Corp.) (Intelsat) to modify its authority in order to operate its C- and Ku-band space station, Galaxy 11 (Call Sign S2253), at the 55.5° W.L. orbital location, IBFS File No. SAT-MOD-20101102-00229, is granted. Accordingly, Intelsat is authorized to conduct Telemetry, Tracking, and Telecommand (TT&C) operations necessary to relocate its Galaxy 11 space station from its currently assigned 32.8° E.L. orbital location to the 55.5° W.L. orbital location, and to maintain Galaxy 11 at the 55.5° W.L. orbital location, using the following center frequencies: 11.701 GHz and 11.702 GHz (space-to-Earth), 14.0005 GHz and 14.4985 GHz (Earth-to-space). Intelsat is also authorized to provide Fixed-Satellite Service (FSS) via Galaxy 11 at the 55.5° W.L. orbital location in the 3700-4200 MHz (space-to-Earth), 5925-6425 MHz (Earth-to-space), 10.95-11.20 GHz (space-to-Earth), 11.7-12.2 GHz (space-to-Earth), and 13.75-14.50 GHz (Earth-to-space) frequency bands. This authorization shall be in accordance with the technical specifications set forth in Intelsat's application (as supplemented), Federal Communication Commission (Commission) rules, and the following conditions:

1. Intelsat shall prepare the necessary information, as may be required, for submission to the International Telecommunication Union (ITU) to initiate and complete the advance publication, international coordination, due diligence, and notification process of this space station, in accordance with the ITU Radio Regulations. Intelsat shall be held responsible for all cost recovery fees associated with these ITU filings. No protection from interference caused by radio stations authorized by other Administrations is guaranteed unless coordination and notification procedures are timely completed or, with respect to individual Administrations, coordination agreements are successfully completed. Any radio station authorization for which coordination has not been completed may be subject to additional terms and conditions as required to effect coordination of the frequency assignments with other Administrations. 47 C.F.R. § 25.111(b).
2. Intelsat shall operate the Galaxy 11 space station at the 55.5° W.L. orbital location in compliance with all existing or future coordination agreements.
3. 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.
4. While at the 55.5° W.L. orbital location, Intelsat shall maintain the Galaxy 11 spacecraft with an east/west longitudinal station-keeping tolerance of +/- 0.05 degrees.
5. Intelsat's request for waiver of Section 25.114(d)(3) of the Commission's rules, 47 C.F.R. § 25.114(d)(3), IS GRANTED. Section 25.114(d)(3) requires predicted space station antenna gain contour(s) for each transmit and each receive antenna beam and nominal orbital location requested. Intelsat's application indicates that with respect to Galaxy 11's TT&C bicone and pipe antenna beams (Exhibits 2R, 2S, 2U and 2V in the Engineering Statement), as well as its ULPC global horn antenna (Exhibits 2X and 2Y in the Engineering Statement), the beam patterns were not prepared in accordance with the parameters specified in Section 25.114(d)(3) of the Commission's rules because the satellite manufacturer did not provide contours in the required format. We find, however, that Exhibits 2R, 2S, 2U, 2V, 2X and 2Y, together with the descriptive characterization provided on pages 1 through 3 of the Engineering Statement, fulfill the requirements of Section 25.114(d)(3).
6. Grant of this authorization is based on Intelsat's representation that it will dispose of the Galaxy 11 spacecraft at end of life to a minimum altitude of 300 kilometers (perigee) above the geostationary arc, that it has reserved 30 kilograms of fuel for this purpose, and that fuel gauging

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uncertainty has been and will be taken into account in these calculations, using the methods set forth in Intelsat's application.

7. Intelsat's request for a partial waiver of Sections 25.114(d)(14)(ii) and 25.283(c) of the Commission's rules, 47 C.F.R. §§ 25.114(d)(14)(ii) and 25.283(c), is granted. These sections specify that space stations must discharge all stored energy sources at end of life of the space station. Galaxy 11 was launched on December 21, 1999,¹ before Section 25.283(c) was adopted. Intelsat states that Galaxy 11 is not able to vent all pressurized systems and residual helium will remain in two pressurant tanks at end of life because the residual helium on the Galaxy 11 satellite was permanently isolated from the propulsion system by firing a pyrotechnic valve soon after launch. Intelsat states that the sealed helium tanks each contain approximately 260 grams of helium at end of life, with each tank volume being approximately 0.068579 m³. This waiver is granted because modification of the spacecraft would present an undue hardship, since Galaxy 11 is an in-orbit space station and venting Galaxy 11's helium tanks would require direct retrieval of the satellite, which is not currently possible. In making this determination, we note that the information submitted in the application is not sufficient to support a finding that the intent of the rule would be satisfied by the described procedures for sealing the helium tanks.

8. Intelsat's use of the 10.95-11.20 GHz frequency band is subject to Footnote US211 to the 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 use of the 10.95-11.20 GHz frequency band 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. In the 13.75-14.00 GHz band (Earth-to-space), receiving space stations in the fixed-satellite service shall not claim protection from radiolocation transmitting stations operating in accordance with the United States Table of Frequency Allocations.

11. Pursuant to footnote US337 of the United States Table of Frequency Allocations, 47 C.F.R. § 2.106, US337, any earth station in the United States and its possessions communicating with the Galaxy 11 space station in the 13.75-14.00 GHz band (Earth-to-space) is required to coordinate through National Telecommunications and Information Administration's (NTIA's) Interdepartment Radio Advisory Committee's (IRAC's) Frequency Assignment Subcommittee (FAS) to minimize interference to the National Aeronautics and Space Administration Tracking and Data Relay Satellite System, including manned space flight.

12. Operations of any earth station in the United States and its possessions communicating with the Galaxy 11 space station in the 13.75-14.00 GHz band (Earth-to-space) shall comply with footnote US356 to United States Table of Frequency Allocations, 47 C.F.R. § 2.106, US356, which specifies a mandatory minimum antenna diameter of 4.5 meters and a non-mandatory minimum and maximum equivalent isotropically radiated powers (EIRP). Operations of any earth station located outside the United States and its possessions communicating with the Galaxy 11 space station in the

¹ See IBFS File No. SAT-AMD-19990615-00067, granted by Order and Authorization, DA 00-412 (rel. Feb. 25, 2000).

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13.75-14.00 GHz band (Earth-to-space) shall be consistent with footnote 5.502 to the ITU Radio Regulations, which allows a minimum antenna diameter of 1.2 meters for earth stations of a geostationary satellite orbit network and specifies mandatory power limits.

13. Operations of any earth station in the United States and its possessions communicating with the Galaxy 11 space station in the 13.77-13.78 GHz band (Earth-to-space) shall comply with footnote US357 to United States Table of Frequency Allocations, 47 C.F.R. § 2.106, US357, which specifies that a required maximum EIRP density of emissions not exceed 71 dBW in any 6 MHz band for communications with a space station in geostationary-satellite orbit.² Operations of any earth station located outside the United States and its possessions communicating with the Galaxy 11 space station in the 13.77-13.78 GHz band (Earth-to-space) shall comply with footnote 5.503 to the ITU Radio Regulations, which specifies a required maximum EIRP density of emissions (limit is dependent on antenna diameter) for communications with a space station in geostationary-satellite orbit.

14. Operators of earth stations accessing the Galaxy 11 space station in the 13.75-14.00 GHz band are encouraged to cooperate voluntarily with the National Aeronautics and Space Administration (NASA) in order to facilitate continued operation of NASA's Tropical Rainfall Measuring Mission (TRMM) satellite.³

15. Pursuant to footnote US342 of the United States Table of Frequency Allocations, 47 C.F.R. § 2.106, services operating in the 14.47-14.50 GHz band shall take all practicable steps to protect the radio astronomy service from harmful interference.

16. Intelsat shall comply with the power levels specified in Section 25.212 of the Commission's rules, unless it coordinates any operations using power levels exceeding the levels in Section 25.212 with all potentially affected adjacent satellites within 6 degrees orbital separation of the 55.5° W. L. orbital location. Intelsat shall inform the Commission of the power levels it has coordinated. In addition, Intelsat must inform all affected earth station operators that Section 25.220 of the Commission's rules applies to operations that exceed the power levels specified in Section 25.212. In no event shall the uplink input power spectral density level of Galaxy 11's digital carriers exceed -38.7 dBW/Hz into the antenna and the downlink EIRP density of such carriers exceed -34.6 dBW/Hz for the C-band. Further, in no event shall the uplink input power spectral density of Galaxy 11's digital carriers exceed -45 dBW/Hz into the antenna and the downlink EIRP density of such carriers exceed -21 dBW/Hz for the Ku-band.

² Footnote US357 places a restriction on FSS earth station operations in order to protect government operations in the band, including manned space flight. 47 C.F.R. § 2.106, US357.

³ NASA's TRMM satellite system radar in the 13.793-13.805 GHz band remains operational and is a highly valuable and visible United States asset with a broad range of international users. Accordingly, NTIA has requested cooperation from the Commission and non-Federal Government entities in providing assistance in reducing interference with the TRMM radar. Specifically, NTIA requests that FSS earth stations in the 13.793 - 13.805 GHz band located south of 39° N. and east of 110° W. operate with emission levels below -150 dBW/600 kHz at the TRMM space station receiver. Letter from Frederick R. Wentland, Acting Associate Administrator, Office of Spectrum Management, NTIA, to Don Abelson, Chief, International Bureau, FCC (February 28, 2002). Considering the secondary nature of the TRMM operation, NTIA's request is not a condition of this authorization. The Commission, however, urges all operators of earth stations accessing the Galaxy 11 space station in the 13.75-14.0 GHz band to cooperate voluntarily with NASA in order to facilitate continued operation of the TRMM satellite.

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17. Intelsat's operation of Galaxy 11 at the 55.5° W.L. orbital location in the 5925-6425 MHz (Earth-to-space), 10.95-11.20 GHz (space-to-Earth), and 11.70 -11.95 GHz (space-to-Earth) frequency bands is subject to the following conditions:

(a) Intelsat shall remain a signatory to the Public Services Agreement between Intelsat and the International Telecommunications Satellite Organization (ITSO) that was approved by the ITSO Twenty-fifth Assembly of Parties, as amended.

(b) No entity shall be considered a successor-in-interest to Intelsat under the ITSO Agreement for licensing purposes unless it has undertaken to perform the obligations of the Public Services Agreement approved by the Twenty-fifth Assembly of Parties, as amended.

18. Grant of this modification does not constitute "specific authority" pursuant to Section 25.161(c) of the Commission's rules.

19. Grant of this authorization is without prejudice to any decision regarding Intelsat's ability to file an application for authorization to operate a replacement space station in the 11.7-12.2 GHz and 13.75-14.00 GHz frequency bands at the 32.8° E.L. orbital location.⁴ Grant of this authorization does not constitute an announcement that these frequencies are available for reassignment.

20. Grant of authority to operate in the 10.95-11.20 GHz, 11.70-11.95 GHz, 11.95-12.20 GHz, 13.75-14.00 GHz, and 14.25-14.5 GHz frequency bands at the 55.5° W.L. orbital location is conditioned on Intelsat certifying to the Commission, in writing, within 180 days of this grant that the Galaxy 11 space station is operating in these frequency bands at the 55.5° W.L. orbital location.⁵ Failure to provide such timely certification shall render this authorization to operate in the 11.95-12.20 GHz and 13.75-14.00 GHz frequency bands at the 55.5° W.L. orbital location null and void.

21. Nothing in this authorization extends the license term for this space station, Call Sign S2253, which expires on April 6, 2015.

22. 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.


⁴ Intelsat New Dawn (Call Sign S2751) is authorized to operate at the 32.8° E.L. orbital location, *see* IBFS File Nos. SAT-LOA-20080509-00101 and SAT-AMD-20081205-00223 (granted Jan. 9, 2009), and is scheduled to be launched at the end of March 2011. In its application to operate the Intelsat New Dawn space station at 32.8° E.L., Intelsat did not seek, and was not granted, authority to use the 11.7-12.2 GHz and 13.75-14.00 GHz frequency bands. Once Galaxy 11 leaves the 32.8° E.L. orbital location, there will be no Intelsat space station operating in the 11.7-12.2 GHz and 13.75-14.00 GHz frequency bands at the 32.8° E.L. orbital location.

⁵ Intelsat states that the 10.95-11.20 GHz, 11.70-11.95 GHz, 11.95-12.20 GHz, and 14.25-14.50 GHz frequency bands will be used by Galaxy 11 at the 55.5° E.L. orbital location, but are not being used by any other Intelsat spacecraft at this location since the Intelsat 705 space station (Call Sign S2395) was de-orbited on February 1, 2011 without ever operating at the 55.5° E.L. orbital location. *See* Legal Narrative at 7; *see also* Letter from Susan H. Crandall, Assistant General Counsel, Intelsat Corporation, to Marlene H. Dortch, Secretary, Federal Communications Commission, IBFS File No. SAT- MOD-20100115-00010, dated February 2, 2011. Intelsat also states that the 11.95-12.20 GHz and the 13.75-14.00 GHz frequency bands will be used by Galaxy 11 at the 55.5° E.L. orbital location, but are not authorized for use by either Intelsat 705 or the Intelsat 805 space station (Call Sign S2404) at this location. *See* Legal Narrative at 7. Intelsat also states that it does not expect Galaxy 11 to be operating at 55.5° E.L. until August, 2011. *See* Legal Narrative at 2.

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23. 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.

* AS CORRECTED ON APRIL 7, 2011 *

 GRANTED* International Bureau	File # <u>SAT-MOD-20101102-00229</u>
	Call Sign <u>S2253</u> Grant Date <u>03/08/11</u> (or other identifier)
	Term Dates From <u>03/08/11</u> To: <u>04/06/15</u>
	Approved: <u><i>Stephen J. Duall</i></u> Stephen J. Duall Chief, Satellite Policy Branch
	*with conditions

9-16. Name of Contact Representative

Name: Jennifer D. Hindin **Phone Number:** 202-718-4975
Company: Wiley Rein LLP **Fax Number:** 202-719-7049
Street: 1776 K Street NW **E-Mail:** jhindin@wileyrein.com
City: Washington **State:** DC
Country: USA **Zipcode:** 20006-
Attention: Susan H. Crandall **Relationship:** Legal Counsel

CLASSIFICATION OF FILING

17. Choose the button next to the classification that applies to this filing for both questions a. and b. Choose only one for 17a and only one for 17b.

- a1. Earth Station
- a2. Space Station

- (N/A) b1. Application for License of New Station
- (N/A) b2. Application for Registration of New Domestic Receive-Only Station
- b3. Amendment to a Pending Application
- b4. Modification of License or Registration
- b5. Assignment of License or Registration
- b6. Transfer of Control of License or Registration
- b7. Notification of Minor Modification
- (N/A) b8. Application for License of New Receive-Only Station Using Non-U.S. Licensed Satellite
- (N/A) b9. Letter of Intent to Use Non-U.S. Licensed Satellite to Provide Service in the United States
- (N/A) b10. Other (Please specify)
- (N/A) b11. Application for Earth Station to Access a Non-U.S. satellite Not Currently Authorized to Provide the Proposed Service in the Proposed Frequencies in the United States
- (N/A) b12. Application for Database Entry
- b13. Amendment to a Pending Database Entry Application
- b14. Modification of Database Entry

<p>17c. 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):</p>	<p>17d. Fee Classification BFY – Space Station Modification (Geostationary)</p>
<p>18. If this filing is in reference to an existing station, enter: (a) Call sign of station: S2253</p>	<p>19. If this filing is an amendment to a pending application enter both fields, if this filing is a modification please enter only the file number: (a) Date pending application was filed: (b) File number: SATMOD2008022500051</p>

TYPE OF SERVICE

20. NATURE OF SERVICE: This filing is for an authorization to provide or use the following type(s) of service(s): Select all that apply:

- a. Fixed Satellite
- b. Mobile Satellite
- c. Radiotermination Satellite
- d. Earth Exploration Satellite
- e. Direct to Home Fixed Satellite
- f. Digital Audio Radio Service
- g. Other (please specify)

21. STATUS: Choose the button next to the applicable status. Choose only one.

- Common Carrier
- Non-Common Carrier

22. If earth station applicant, check all that apply.

- Using U.S. licensed satellites
- Using Non-U.S. licensed satellites

23. If applicant is providing INTERNATIONAL COMMON CARRIER service, see instructions regarding Sec. 214 filings. Choose one. Are these facilities:

- Connected to a Public Switched Network
- Not connected to a Public Switched Network
- N/A

24. FREQUENCY BAND(S): Place an 'X' in the box(es) next to all applicable frequency band(s).

- a. C-Band (4/6 GHz)
 - b. Ku-Band (12/14 GHz)
 - c. Other (Please specify upper and lower frequencies in MHz.)
- Frequency Lower: _____ Frequency Upper: (Please specify additional frequencies in an attachment)

TYPE OF STATION

25. CLASS OF STATION: Choose the button next to the class of station that applies. Choose only one.

- a. Fixed Earth Station
- b. Temporary-Fixed Earth Station
- c. 12/14 GHz VSAT Network
- d. Mobile Earth Station
- e. Geostationary Space Station
- f. Non-Geostationary Space Station
- g. Other (please specify)

26. TYPE OF EARTH STATION FACILITY:

- Transmit/Receive
- Transmit-Only
- Receive-Only
- N/A

"For Space Station applications, select N/A."

PURPOSE OF MODIFICATION

27. The purpose of this proposed modification is to: (Place an 'X' in the box(es) next to all that apply.)

- a --- authorization to add new emission designator and related service
- b --- authorization to change emission designator and related service
- c --- authorization to increase EIRP and EIRP density
- d --- authorization to replace antenna
- e --- authorization to add antenna
- f --- authorization to relocate fixed station
- g --- authorization to change frequency(ies)
- h --- authorization to add frequency
- i --- authorization to add Points of Communication (satellites & countries)
- j --- authorization to change Points of Communication (satellites & countries)
- k --- authorization for facilities for which environmental assessment and radiation hazard reporting is required
- l --- authorization to change orbit location
- m --- authorization to perform fleet management
- n --- authorization to extend milestones
- o --- Other (Please specify)

ENVIRONMENTAL POLICY

28. Would a Commission grant of any proposal in this application or amendment have a significant environmental impact as defined by 47 CFR 1.1307? If YES, submit the statement as required by Sections 1.1308 and 1.1311 of the Commission's rules, 47 C.F.R. 1.1308 and 1.1311, as an exhibit to this application. A Radiation Hazard Study must accompany all applications for new transmitting facilities, major modifications, or major amendments.

Yes No

ALIEN OWNERSHIP Earth station applicants not proposing to provide broadcast, common carrier, aeronautical en route or aeronautical fixed radio station services are not required to respond to Items 30-34.

29. Is the applicant a foreign government or the representative of any foreign government?

Yes No

30. Is the applicant an alien or the representative of an alien?

Yes No N/A

31. Is the applicant a corporation organized under the laws of any foreign government?

Yes No N/A

32. Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?

Yes No N/A

<p>33. Is the applicant a corporation directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?</p>	<p style="text-align: right;"> <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A </p>
<p>34. If any answer to questions 29, 30, 31, 32 and/or 33 is Yes, attach as an exhibit an identification of the aliens or foreign entities, their nationality, their relationship to the applicant, and the percentage of stock they own or vote.</p>	

BASIC QUALIFICATIONS

<p>35. Does the Applicant request any waivers or exemptions from any of the Commission's Rules? If Yes, attach as an exhibit, copies of the requests for waivers or exceptions with supporting documents.</p>	<p style="text-align: right;"> <input type="radio"/> Yes <input checked="" type="radio"/> No </p> <p style="text-align: center;">EngineeringStatement</p>
<p>36. Has the applicant or any party to this application or amendment had any FCC station authorization or license revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission? If Yes, attach as an exhibit, an explanation of circumstances.</p>	<p style="text-align: right;"> <input checked="" type="radio"/> Yes <input type="radio"/> No </p>

<p>37. Has the applicant, or any party to this application or amendment, or any party directly or indirectly controlling the applicant ever been convicted of a felony by any state or federal court? If Yes, attach as an exhibit, an explanation of circumstances.</p>	<p style="text-align: center;"> <input type="radio"/> Yes <input checked="" type="radio"/> No </p>
<p>38. Has any court finally adjudged the applicant, or any person directly or indirectly controlling the applicant, guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement or any other means or unfair methods of competition? If Yes, attach as an exhibit, an explanation of circumstances</p>	<p style="text-align: center;"> <input type="radio"/> Yes <input checked="" type="radio"/> No </p>
<p>39. Is the applicant, or any person directly or indirectly controlling the applicant, currently a party in any pending matter referred to in the preceding two items? If yes, attach as an exhibit, an explanation of the circumstances.</p>	<p style="text-align: center;"> <input type="radio"/> Yes <input checked="" type="radio"/> No </p>
<p>40. If the applicant is a corporation and is applying for a space station license, attach as an exhibit the names, address, and citizenship of those stockholders owning a record and/or voting 10 percent or more of the Filer's voting stock and the percentages so held. In the case of fiduciary control, indicate the beneficiary(ies) or class of beneficiaries. Also list the names and addresses of the officers and directors of the Filer.</p>	

<p>41. 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.</p>	<p style="text-align: center;"> <input checked="" type="radio"/> Yes <input type="radio"/> No </p>
<p>42a. Does the applicant intend to use a non-U.S. licensed satellite to provide service in the United States? If Yes, answer 42b and attach an exhibit providing the information specified in 47 C.F.R. 25.137, as appropriate. If No, proceed to question 43.</p>	<p style="text-align: center;"> <input type="radio"/> Yes <input checked="" type="radio"/> No </p>
<p>42b. What administration has licensed or is in the process of licensing the space station? If no license will be issued, what administration has coordinated or is in the process of coordinating the space station?</p>	<p>43. Description. (Summarize the nature of the application and the services to be provided). (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>PanAmSat Licensee Corp., pursuant to Section 25.117 of the rules of the Federal Communications Commission, hereby seeks to modify the authorization for the Galaxy 11 satellite (call sign S2253) to relocate Galaxy 11 to, and to operate the satellite at, 304.5 E.L. (55.5 W.L.) in mid-2011.</p> </div> <p>Narrative & Exhibits</p>

43a. Geographic Service Rule Certification

By selecting A, the undersigned certifies that the applicant is not subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25.

A

By selecting B, the undersigned certifies that the applicant is subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25 and will comply with such requirements.

B

By selecting C, the undersigned certifies that the applicant is subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25 and will not comply with such requirements because it is not feasible as a technical matter to do so, or that, while technically feasible, such services would require so many compromises in satellite design and operation as to make it economically unreasonable. A narrative description and technical analysis demonstrating this claim are attached.

C

CERTIFICATION

The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. The applicant certifies that grant of this application would not cause the applicant to be in violation of the spectrum aggregation limit in 47 CFR Part 20. All statements made in exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that all statements made in this application and in all attached exhibits are true, complete and correct to the best of his or her knowledge and belief, and are made in good faith.

44. Applicant is a (an): (Choose the button next to applicable response.)

- Individual
- Unincorporated Association
- Partnership
- Corporation
- Governmental Entity
- Other (please specify)

45. Name of Person Signing
Susan H. Crandall

46. Title of Person Signing
Asst. Gen. Counsel, Intelsat Corporation

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).

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