File # SAT-AMD-20090820-00091 ** See also SAT-MOD-20090720-00073 SAT-AMD-20091113-00122

Call Sign S2368 Grant Date 08/05/10
(or other identifier)

Term Dates
From 08/05/10 To: 06/24/16

Approved by OMB 3060-0678

GRANTED*
International Bureau
* with conditions

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

Date & Time Filed: Aug 20 2009 6:18:59:866PM
File Number: SAT-AMD-20090820-00091

FCC APPLICATION FOR SPACE AND EARTH STATION:MOD OR AMD – MAIN FORM FCC 312 MAIN FORM FOR OFFICIAL USE ONLY	FCC Use Only

APPLICANT INFORMATION
Enter a description of this application to identify it on the main menu:
Amendment to Pending Modification Application to Relocate and Operate Intelsat 1R at 50.0 W.L. (S2368)

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 Nos. SAT-MOD-20090720-00073, SAT-AMD-20090820-00091, and SAT-AMD-20091113-00122
Call Sign 2368
August 5, 2010

The application of PanAmSat Licensee Corp. (PanAmSat), IBFS File No. SAT-MOD-20090720-00073, as amended by SAT-AMD-20090820-00091 and SAT-AMD-20091113-00122, for authority to operate the Intelsat 1R space station (Call Sign S2368) at the 50.0° W.L. orbital location IS GRANTED.[1] Accordingly, PanAmSat is authorized to provide Fixed-Satellite Service (FSS) via the Intelsat 1R space station in the 3700-4200 MHz (space-to-Earth), 5925-6425 MHz (Earth-to-space), 10.95-11.20 GHz (space-to-Earth), 11.45-11.95 GHz (space-to-Earth), and 13.75-14.50 GHz (Earth-to-space) frequency bands from the 50.0° W.L. orbital location. In addition, PanAmSat is authorized to conduct telemetry, tracking, and telecommand (TT&C) operations for the Intelsat 1R space station using the following frequencies: 13.995 GHz (horizontal and vertical polarization) and 14.4985 GHz (left-hand circular polarization) (Earth-to-space), 11.696 GHz (horizontal, vertical and left-hand circular polarization) and 11.697 GHz (horizontal, vertical and left-hand circular polarization) (space-to-Earth). This authorization is granted in accordance with the technical specifications set forth in PanAmSat's application, as amended, the rules of the Federal Communication Commission (Commission), and the following conditions:

1. PanAmSat shall operate the Intelsat 1R space station at the 50.0° W.L. orbit location in compliance with all existing or future coordination agreements for that location.

2. PanAmSat shall maintain Intelsat 1R within an east-west longitudinal station-keeping tolerance of ± 0.05° of its assigned 50.0° W.L. orbital location.

3. In connection with the provision of service in any particular country, PanAmSat is obliged to comply with the applicable laws, regulations, rules, and licensing procedures of that country.

4. PanAmSat's request for waiver of Section 25.210(a)(3) of the Commission's rules, 47 C.F.R. § 25.210 (a)(3), is granted. Section 25.210(a)(3) requires all FSS space stations used for domestic service in the 3700-4200 MHz and 5925-6425 MHz bands to be capable of switching polarization sense upon ground command. The Commission requires polarity-switching capability for two reasons: (1) to provide U.S.-licensed satellites with the flexibility to operate at different orbital locations, and (2) to mitigate potential interference between adjacent fixed-satellite systems transmitting analog television signals.[2] This waiver is based upon a finding that the ability to switch

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[1] Intelsat 1R is currently operating at the 50.0° W.L orbital location pursuant to grants of special temporary authority. *See* SAT-STA-20091202-00137 (granted Dec. 8, 2009), SAT-STA-20100111-00005 (granted Jan. 15, 2010), SAT-STA-20100511-00099 (granted Jun. 11, 2010), and SAT-STA-20100709-00157 (granted Jul. 28, 2010).

[2] Telesat Canada; Petition for Declaratory Ruling for of Inclusion of ANIK F3 on the Permitted Space Station List, *Order*, 22 FCC Rcd 588 (para. 10) (Int'l Bur., Sat. Div. 2007).

polarization is not currently necessary to protect other satellites at adjacent orbital locations from harmful interference, because the only C-band space station operating within three degrees of PanAmSat's proposed location is operated by Intelsat (Intelsat 707 at 53.0° W.L.) and because the Intelsat 1R space station operations will be in compliance with existing coordination agreements. As a condition of this waiver, PanAmSat must accommodate future satellite networks that are compliant with Section 25.210(a)(3). Further, PanAmSat must operate Intelsat 1R pursuant to any existing or future coordination agreements for this location.

5. PanAmSat's request for waiver of Section 25.211(a) of the Commission's rules, 47 C.F.R. § 25.211(a), is granted. Section 25.211(a) requires that downlink analog video transmissions in the 3700-4200 MHz band be transmitted only on a center frequency of 3700+20N MHz, where N=1 to 24. The corresponding uplink frequency shall be 2225 MHz higher. PanAmSat states that Intelsat 1R utilizes 36 MHz and 72 MHz wide transponders, and that the placement of TV/FM signals within the 72 MHz might result in non-compliance with Section 25.211(a). Because the closest co-frequency satellite to Intelsat 1R is Intelsat 707 at 53° W.L., PanAmSat states that it will be able to internally coordinate Intelsat 1R's TV/FM transmissions with Intelsat 707. As a condition of this waiver, PanAmSat must accommodate future satellite networks that are compliant with Section 25.211(a). Further, PanAmSat must operate Intelsat 1R pursuant to any existing or future coordination agreements for this location.

6. PanAmSat'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 that the space station antenna gain contour(s) for each transmit and receive antenna beam should be plotted on an area map at 2 dB intervals down to 10 dB below peak value of the parameter and at 5 dB intervals between 10 dB and 20 dB below peak values. PanAmSat requested a waiver with respect to Intelsat 1R's TT&C bicone antenna beams because the satellite manufacturer does not provide the beam patterns in the required form. As a substitute, PanAmSat provided a descriptive characterization of these beams along with the beam patterns provided by the manufacturer. We find that the manufacturer-provided beam patterns combined with PanAmSat's descriptive characterization of the TT&C bicone antenna beams are sufficient to fulfill the informational requirements of Section 25.114(d)(3) and sufficient to grant a waiver of this rule.

7. PanAmSat is authorized to use 13.995 GHz for command of the Intelsat 1R space station. No waiver of Section 25.202(g) is required to authorize the use of these frequencies for command functions. *See* Northrop Grumman Space & Mission Systems Corp., *Order and Authorization*, 24 FCC Rcd 2330, 2362 (para. 95) (Int'l Bur. Feb. 24, 2009).

8. PanAmSat's request for 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, as conditioned herein. These rules require an applicant to demonstrate that all stored energy

will be vented at the spacecraft's end of life. PanAmSat indicates that Intelsat 1R is a Boeing model 702 spacecraft that is not designed to vent all of its pressurized systems. The spacecraft was launched November 16, 2000, prior to the adoption of these rules, and compliance would require direct retrieval of the spacecraft.

9. PanAmSat shall notify the Chief, Satellite Division, in writing, within five days of any anomaly experienced by the xenon ion propulsion system (XIPS) that results in cessation of XIPS operations, or that might reasonably be expected to result in cessation of XIPS operations, or that might otherwise compromise the reliability of end-of-life disposal using the XIPS. Within 15 days following any such anomaly, PanAmSat shall submit a revised post-mission disposal plan for the spacecraft, and provide full information with respect to the standard chemical propulsion system, including fuel reserved for end-of-life operations and methods for addressing fuel gauging uncertainty of that system.

10. PanAmSat's request for continued waiver of Section 2.106, Footnote NG104 to the U.S. Table of Frequency Allocations, 47 C.F.R. § 2.106, and footnote 2 of Section 25.202(a)(1) of the Commission's rules, 47 C.F.R. § 25.202(a)(1), in order to provide domestic service using earth stations that receive in the 10.95-11.20 GHz and 11.45-11.70 GHz bands is granted. Waiver of these rule provisions was previously granted to permit the provision of domestic service via the Intelsat 1R space station at 43.1° W.L. *See* PanAmSat Licensee Corp., Application for Authority to Use Extended Ku-band Frequencies for Domestic Service, *Order and Authorization*, 20 FCC Rcd 14642 (Int'l Bur., Sat. Div. 2005). We find that the same public interest considerations that justified waiver for operations at 43.1° W.L. continue to apply for operations of Intelsat 1R at 50.0° W.L.

11. PanAmSat shall operate its earth stations in the 10.95-11.20 GHz and 11.45-11.70 GHz bands that provide domestic service on an unprotected, non-interference basis relative to fixed stations and, as such, PanAmSat may not cause harmful interference to, or claim protection from, fixed stations to which frequencies in the 10.95-11.20 GHz and 11.45-11.70 GHz bands have either already assigned, or to which frequencies in the 10.95-11.20 GHz and 11.45-11.70 GHz bands may be assigned at a later date.

12. PanAmSat is required to inform its customers, in writing, including end-users receiving service from resellers accessing capacity on the Intelsat 1R space station, that domestic service in the 10.95-11.20 GHz and 11.45-11.70 GHz bands is being provided on an uncoordinated basis, and that the potential exists that future-licensed fixed stations may cause harmful interference to these unprotected earth stations.

13. PanAmSat's use of the 10.95-11.20 GHz and the 11.45-11.70 GHz band 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.

14. In the 13.75-14.00 GHz band, 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.

15. Pursuant to footnote US337 of the United States Table of Frequency Allocations, 47 C.F.R. § 2.106, any earth station in the United States and its possessions communicating with the Intelsat 1R space station in the 13.75-14.00 GHz band 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.

16. Operations of any earth station in the United States and its possessions communicating with the Intelsat 1R space station in the 13.75-14.00 GHz band 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 (e.i.r.p.). Operations of any earth station located outside the United States and its possessions communicating with the Intelsat 1R space station in the 13.75-14.00 GHz band 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.

17. Operations of any earth station in the United States and its possessions communicating with the Intelsat 1R space station in the 13.77-13.78 GHz band 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 e.i.r.p. density of emissions not exceed 71 dBW in any 6 MHz band for communications with a space station in geostationary-satellite orbit.[3] Operations of any earth station located outside the United States and its possessions communicating with the Intelsat 1R space station in the 13.77-13.78 GHz band shall comply with footnote 5.503 to the ITU Radio Regulations, which specifies a required maximum e.i.r.p. density of emissions (limit is dependent on antenna diameter) for communications with a space station in geostationary-satellite orbit.

18. Operators of earth stations accessing the Intelsat 1R space station in the 13.75-14.00 GHz band are encouraged to cooperate voluntarily with the National

[3] 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.

Aeronautics and Space Administration (NASA) in order to facilitate continued operation of NASA's Tropical Rainfall Measuring Mission (TRMM) satellite.[4]

19. Grant of this authorization does not constitute a finding pursuant to Section 25.161(c) of the Commission's rules.

20. Grant of this authorization is without prejudice to any decision regarding PanAmSat's ability to file an application for authorization to operate a replacement space station in the 10.95-11.20 GHz, and 13.75-14.00 GHz frequency bands at the 45° W.L. orbital location.[5] Grant of this authorization does not constitute an announcement that these frequencies are available for reassignment.

21. PanAmSat's operation of the 3700-4200 MHz, 5925-6425 MHz, 10.95-11.20 GHz, 11.45-11.95 GHz, and 13.75-14.50 GHz frequency bands at the 50.0° W.L. orbital location is subject to the following conditions:

a. PanAmSat 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 PanAmSat 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.

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[4] 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 Intelsat 25 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.

[5] Intelsat 14 (Call Sign S2785) was launched as a replacement for Intelsat 1R at the 45° W.L. orbital location. *See* SAT-RPL-20090123-00007 (granted Oct. 1, 2009). As noted in the conditions to grant of the authorization for Intelsat 14, PanAmSat did not apply for, and was not granted, authorization to use the 10.95-11.2 GHz and 13.75-14.0 GHz frequency bands, which were authorized for use by Intelsat 1R at 45 ° W.L. *See id.* n.1.

Attachment to Grant
IBFS File Nos. SAT-MOD-20090720-00073, SAT-AMD-20090820-00091, and SAT-AMD-20091113-00122
Call Sign 2368
August 5, 2010

22. PanAmSat 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.

23. This action is issued pursuant to the 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.

SAT-MOD-20090720-00073
SAT-AMD-20090820-00091
File # SAT-AMD-20091113-00122

FEDERAL COMMUNICATIONS COMMISSION
GRANTED*
International Bureau
*with conditions

Call Sign S2368 Grant Date 08/05/10
(or other identifier)
Term Dates
From 08/05/10 To: 06/24/16
Approved: Stephen J. Duall
Stephen J. Duall
Chief, Satellite Policy Branch

9–16. Name of Contact Representative

Name:	Jennifer D Hindin	**Phone Number:**	202–719–4975
Company:	Wiley Rein LLP	**Fax Number:**	
Street:	1776 K Street, NW	**E–Mail:**	jhindin@wileyrein.com
City:	Washington	**State:**	DC
Country:	USA	**Zipcode:**	20006–3006
Attention:		**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

17c. 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):

17d.

Fee Classification CWY – Space Station Amendment(Geostationary)

18. If this filing is in reference to an existing station, enter:	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) Call sign of station: S2368	(a) Date pending application was filed:	(b) File number:
	07/20/2009	SATMOD2009072000073

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:

- [x] a. Fixed Satellite
- [ ] b. Mobile Satellite
- [ ] c. Radiodetermination 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 providng 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).

- [x] a. C–Band (4/6 GHz)
- [x] 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

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?	◉ Yes ○ No ○ N/A
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.	

BASIC QUALIFICATIONS

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.	◉ Yes ○ No
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 explination of circumstances.	◉ Yes ○ No

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 explination of circumstances.	○ Yes	◉ No
38. Has any court finally adjudged the applicant, or any person directly or indirectly controlling the applicant, guilty of unlawfully monopolizing or attemptiing 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	○ Yes	◉ No
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 exhinit, an explanation of the circumstances.	○ Yes	◉ No
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.		

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.	◉ Yes ○ No
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.	○ Yes ◉ No
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?	

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.)

PanAmSat Licensee Corp. hereby amends its pending application to modify the authorization for the Intelsat 1R satellite to allow its redeployment to 50.0 W.L. by adding a waiver request, to the extent necessary, as described in the attached exhibit. All other information provided in the pending application remains unchanged and is incorporated

Amendment

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	46. Title of Person Signing
Susan H. Crandall	Asst. General Counsel, Intelsat Corporation

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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.

43. Description. (Summarize the nature of the application and the services to be provided).

PanAmSat Licensee Corp. hereby amends its pending application to modify the authorization for the Intelsat 1R satellite to allow its redeployment to 50.0 W.L. by adding a waiver request, to the extent necessary, as described in the attached exhibit. All other information provided in the pending application remains unchanged and is incorporated herein by reference. See File No. SAT-MOD-20090720-00073.