

S2368 SAT-MOD-20180103-00002 IB2018000025
Intelsat License LLC
Intelsat 1R



*with conditions

File # SAT-MOD-20180103-00002

Call Sign S2368 Grant Date 04/12/18
(or other identifier)

Term Dates see
From 04/12/18 To: conditions

Approved: Stephen J. Duall

Stephen J. Duall
Chief, Satellite Policy Branch

Approved by OMB
3060-0678

Date & Time Filed: Jan 3 2018 12:46:53:966PM
File Number: SAT-MOD-20180103-00002

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


APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
Modification to Permanently Maintain and Continue to Operate Intelsat 1R at 157.1 E.L. (S2368)

1-8. Legal Name of Applicant

Name:	Intelsat License LLC	Phone Number:	703-559-7848
DBA Name:		Fax Number:	703-559-8539
Street:	c/o Intelsat Corporation 7900 Tysons One Place	E-Mail:	susan.crandall@intelsat.com
City:	McLean	State:	VA
Country:	USA	Zipcode:	22102 -5972
Attention:	Susan H. Crandall		

ATTACHMENT TO GRANT
Intelsat Licensee LLC
IBFS File No. SAT-MOD-20180103-00002

IBFS File No(s):	SAT-MOD-20180103-00002	<p>GRANTED – With Conditions</p>  <p>International Bureau Satellite Division</p>
Licensee/Grantee:	Intelsat Licensee LLC	
Call Sign:	S2368	
Satellite Name:	Intelsat 1R	
Orbital Location: (required station-keeping tolerance)	157.1° E.L. (± 0.05 degrees east/west)	
Administration:	United States of America ¹	
Nature of Service:	Fixed-Satellite Service (FSS)	
Scope of Grant:	Modification of the authorization for the Intelsat 1R space station to provide Fixed-Satellite Service (FSS) in the C-and Ku-band frequencies at the 157.1° E.L. orbital location.	
Previous Grant(s):	<p>Special temporary authority for 180 days to: (1) conduct telemetry, tracking and control operations necessary to drift Intelsat 1R from the 169.2° E.L. orbital location to the 157.1° E.L. orbital location; and (2) provide FSS from the 157.1° E.L. orbital location. IBFS File No. SAT-STA-20170626-00100 (granted Aug. 24, 2017).</p> <p>Special temporary authority for 30 days to continue to provide Fixed-Satellite Service via Intelsat 1R at the 169.2° E.L. orbital location. IBFS File Nos. SAT-STA-20170822-00120, (granted, Aug. 30, 2017); SAT-STA-20170725-00107 (granted Aug. 10, 2017); SAT-STA-20170626-00101 (granted July 13, 2017).</p> <p>Special temporary authority for 180 days to drift Intelsat 1R from the 50.1° W.L. orbital location to the 169.2° E.L. orbital location. IBFS File No. SAT-STA-20161018-00099 (granted, in part, Dec. 22, 2016; granted Mar. 22, 2017).</p> <p>Modification of the authorization for the Intelsat 1R space station to operate at the 50.1° W.L. orbital location, instead of its previously authorized orbital location of 50° W.L., and to extend the license term from June 24, 2016 to August 31, 2023, IBFS File No. SAT-MOD-20160219-00019 (granted May 5, 2016).</p> <p>Modification of the authorization for the Intelsat 1R space station to operate at the 50.0° W.L. orbital location, instead of its previously authorized orbital location of 45° W.L., IBFS File No. SAT-MOD-20090720-00073 (granted Aug. 5, 2010).</p> <p>Order and Authorization granting authority to launch and operate PAS-1R at 45° W.L., IBFS File No. SAT-LOA-19990126-00018, DA 00-2527 (rel. Nov. 14, 2000).</p>	
Service Area(s):	See Schedule S, S6 in IBFS File No. SAT-MOD-20180103-00002	
Frequencies:	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) 13.75-14.50 GHz (Earth-to-space)	

¹ Intelsat states that Intelsat 1R will operate in the extended Ku-band (13.75-14.0 GHz frequency band) under ITU network filing NEW DAWN 47 held by the Administration of Papua New Guinea.

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	Telemetry, Tracking, and Command frequencies: 13.995 GHz (horizontal and vertical polarization) (Earth-to-space) 14.4985 GHz (left-hand circular polarization) (Earth-to-space) 11.696 GHz (horizontal, vertical, and left-hand circular polarization) (space-to-Earth) 11.697 GHz (horizontal, vertical and left-hand circular polarization) (space-to-Earth)
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Operations under this grant must comport with the legal and technical specifications set forth by the applicant or petitioner and with Federal Communication Commission's rules not waived herein. This grant is also subject to the following conditions:

1. Intelsat must prepare the necessary information, as may be required, for submission to the International Telecommunication Union (ITU) to initiate and complete the advance publication, coordination, due diligence, and notification process of this space station, in accordance with the ITU Radio Regulations. Intelsat will be held responsible for all cost-recovery fees associated with 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 of other administrations. See 47 CFR § 25.111(b).
2. Intelsat must operate the Intelsat 1R space station at the 157.1° E.L. orbital location in compliance with all existing or future coordination agreements for that location. In the absence of a coordination agreement, such communications must comply with applicable provisions of the ITU Radio Regulations as the Commission cannot guarantee the success of the required coordination.
3. In connection with the provision of any service to any particular country, Intelsat is obligated to comply with the applicable laws, regulations, rules, and licensing procedures of that country.
4. While at the 157.1° E.L. orbital location, Intelsat must maintain the Intelsat 1R spacecraft with an east/west longitudinal station-keeping tolerance of +/- 0.05 degrees.
5. The operations of Intelsat 1R and associated earth stations must comport with the applicable uplink and downlink limits in 47 CFR § 25.140(a)(3) of the Commission's rules, unless Intelsat coordinates any non-conforming operations with the operations of U.S.-licensed geostationary orbit space stations within 6 degrees of the 157.1° E.L. orbital location. Intelsat must also comport with the maximum power limits indicated in existing or future coordination agreements at 157.1° E.L. Non-conforming operation must also be coordinated with respect to those operations of non-U.S.-licensed space stations within 6 degrees of 157.1° E.L. involving approved communications with U.S.-licensed earth stations.
6. Intelsat's request for continued waiver of footnote NG52 of the United States Table of Allocations, 47 C.F.R. § 2.106 is GRANTED, as conditioned. Consistent with the previous waiver granted to the Intelsat 1R, we find that, with respect to domestic use of the 10.95-11.2 GHz and 11.45-11.7 GHz bands, waiver of footnote NG52 of Section 2.106 would not undermine the purpose of the rule because receive-only earth stations operating in the 10.95-11.2 GHz and 11.45-11.7 GHz bands are not capable of causing interference into fixed stations operating in the same frequency bands. Furthermore, Intelsat cannot claim protection from interference caused to it by fixed stations operating in the 10.95-11.2 GHz and 11.45-11.7 GHz bands.
 - a. Intelsat's space-to-Earth transmissions in the 10.95-11.2 GHz and 11.45-11.7 GHz bands that provide domestic service are on an unprotected, non-harmful interference basis relative to fixed stations. As such, Intelsat must not cause harmful interference to, or claim protection from, fixed stations to which frequencies in the 10.95-11.2 GHz and 11.45-11.7 GHz bands have either been already assigned, or to which frequencies in the 10.95-11.2 GHz and 11.45-11.7 GHz bands may be assigned at a later date. Intelsat must terminate operations in the 10.95-11.2 GHz and 11.45-

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11.7 GHz bands upon notification that its operations are causing interference to fixed stations operating in this band, and must immediately inform the Commission, in writing, of such an event.

- b. Intelsat 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 United States in the 10.95-11.2 GHz and 11.45-11.7 GHz bands is being provided on an unprotected basis, and is therefore subject to interference from fixed stations authorized to operate in the 10.95-11.2 GHz and 11.45-11.7 GHz bands.
7. Intelsat's request for a continued waiver of Sections 25.114(d)(14)(ii) and 25.283(c) of the Commission's rules, 47 CFR §§ 25.114(d)(14)(ii) and 25.283(c) is GRANTED. These rules require an applicant to demonstrate that all stored energy will be vented at the spacecraft's end of life. The 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.
8. Intelsat's use of the 10.95-11.20 GHz and 11.45-11.70 GHz bands is subject to footnote US211 to the United States Table of Frequency Allocations, 47 CFR § 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. The U.S. Administration will not object to use of the Intelsat 1R space station by the Administration of Papua New Guinea for bringing into use or continuing use of orbital assignments in the 13.75-14.0 GHz frequency band at the 157.1° E.L. orbital location contained in the filing NEW DAWN 47.
10. Pursuant to footnote US337 of the United States Table of Frequency Allocations, 47 CFR § 2.106, US337, any earth station in the United States and its possessions communicating with the Intelsat 1R space station in the 13.75-13.8 GHz (Earth-to-space) frequency band is required to coordinate through the National Telecommunications and Information Administration (NTIA) Interdepartment Radio Advisory Committee (IRAC) Frequency Assignment Subcommittee (FAS) to minimize interference to the National Aeronautics and Space Administration (NASA) Tracking and Data Relay Satellite System, including manned space flight.
11. In the 13.75-14.0 GHz (Earth-to-space) frequency band, receiving space stations in the FSS must not claim protection from radiolocation transmitting stations operating in accordance with footnote US356 to the United States Table of Frequency Allocations, 47 CFR § 2.106, US356.
12. Operations of any earth station in the United States and its possessions communicating with the Intelsat 1R space station in the 13.75-14.0 GHz (Earth-to-space) frequency band must comply with footnote US356 to the United States Table of Frequency Allocations, 47 CFR § 2.106, US356, which specifies a mandatory minimum antenna diameter of 4.5 meters and recommended 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 13.75-14.0 GHz (Earth-to-space) frequency band must be consistent with No. 5.502 to the ITU Radio Regulations, which specifies a mandatory 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 Intelsat 1R space station in the 13.77-13.78 GHz (Earth-to-space) frequency band must comply with footnote US357 to United States Table of Frequency Allocations, 47 CFR § 2.106, US357, which specifies that the maximum e.i.r.p. density of emissions not exceed 71 dBW in any 6 MHz band within the 13.77-13.78 GHz (Earth-to-space) frequency band for communications with a space station in geostationary-satellite orbit. 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 (Earth-to-space) frequency band must comply with No. 5.503 of the ITU Radio Regulations, which specifies a required maximum e.i.r.p. density of emissions

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(limit is dependent on antenna diameter) for communications with a space station in geostationary-satellite orbit.

14. Operations of Intelsat 1R in the 14.47-14.5 GHz (Earth-to-space) frequency band is subject to the terms of footnote US342 to the United States Table of Frequency Allocations, 47 CFR § 2.106, US342, which urge applicants to take all practicable steps to protect the radio astronomy service from harmful interference.
15. Intelsat must notify the Chief, Satellite Division, in writing, within five days of any anomaly experienced by the xenon ion propulsion system (XIPS) that results in the 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 XIPS. Within 15 days following any such anomaly, Intelsat 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.
16. Intelsat's operation of the 3700-4200 MHz, 5925-6425 MHz, 10.95-11.20 GHz, 11.45-11.90 GHz, and 13.75-14.5 GHz frequency bands at the 157.1° E.L. orbital location 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 and Thirty-seventh 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 and Thirty-seventh Assembly of the Parties, as amended.
17. Intelsat must notify the Commission when Intelsat 1R goes into inclined orbit, pursuant to 47 CFR § 25.280.
18. The license term for the Intelsat 1R space station is through August 31, 2023.²


Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as conditioned. Failure to respond within this period will constitute formal acceptance of the grant as conditioned.

This action is taken pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 CFR § 0.261, and is effective upon release.

Station licenses are subject to the conditions specified in Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. § 309(h).

Action Date:	April 12, 2018	
Term Dates	From: April 12, 2018	To: August 31, 2023

Approved:


 Stephen J. Duall
 Chief, Satellite Policy Branch

² See IBFS File No. SAT-MOD-20160219-00019 (granted May 5, 2016).

9-16. Name of Contact Representative

Name:	Jennifer D. Hindin	Phone Number:	202-719-4975
Company:	Wiley Rein LLP	Fax Number:	202-719-7049
Street:	1776 K Street	E-Mail:	jhindin@wileyrein.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20006-3006
Attention:	Jennifer D. Hindin	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 BFY – Space Station Modification (Geostationary)

18. If this filing is in reference to an existing station, enter:

(a) Call sign of station:
S2368

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:
SATMOD2016021900019

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. 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 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

<p>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.</p>	<p><input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>Engineering Statemt</p>
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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.

<p>29. Is the applicant a foreign government or the representative of any foreign government?</p>	<p><input type="radio"/> Yes <input checked="" type="radio"/> No</p>
<p>30. Is the applicant an alien or the representative of an alien?</p>	<p><input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> N/A</p>
<p>31. Is the applicant a corporation organized under the laws of any foreign government?</p>	<p><input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> N/A</p>
<p>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?</p>	<p><input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> 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?

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 explanation of circumstances.

Yes No

<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><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><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><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>	

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.)

Intelsat License LLC, pursuant to Section 25.117 of the rules of the Federal Communications Commission, hereby seeks to modify the authorization for the Intelsat 1R satellite (Call Sign S2368). Specifically, this modification seeks authority to permanently maintain and continue to operate Intelsat 1R at 157.1 E.L. The current

Narrative & Exhibits

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
Assoc. General 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).

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).

Intelsat License LLC, pursuant to Section 25.117 of the rules of the Federal Communications Commission, hereby seeks to modify the authorization for the Intelsat 1R satellite (Call Sign S2368). Specifically, this modification seeks authority to permanently maintain and continue to operate Intelsat 1R at 157.1 E.L. The current Intelsat 1R licensed location is 50.1 W.L., and the satellite is operating at 157.1 E.L. pursuant to Special Temporary Authority. At this location, Intelsat 1R will continue to provide services in the C- and Ku-band frequencies.