

File # SAT-PDR-20191205-00143

Call Sign S3058 Grant Date April 29, 2020

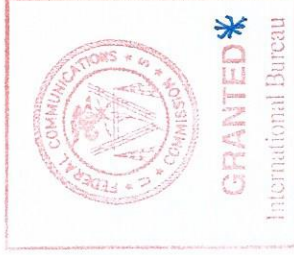
Approved by OMB
3060-0678

Term Dates

From April 29, 2020 To: See Conditions

Approved: [Signature]

John M. [Signature]
John W. [Signature]
Kevin [Signature]
Satellite Policy Branch



* with conditions

Date & Time Filed: Dec 5 2019 2:47:21:520PM
File Number: SAT-PDR-20191205-00143
Callsign/Satellite ID: S3058


APPLICATION FOR SATELLITE SPACE STATION AUTHORIZATIONS
FCC 312 MAIN FORM
FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
Petition to Add HISPASAT 143W-1 to the Permitted List

1-8. Legal Name of Applicant		Phone Number:	703-559-7848
Name:	Intelsat License LLC	Fax Number:	703-559-8539
DBA Name:		E-Mail:	susan.crandall@intelsat.com
Street:	c/o Intelsat US LLC 7900 Tysons One Place	State:	VA
City:	McLean	Zipcode:	22102 -5972
Country:	USA		
Attention:	Susan H. Crandall		

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IBFS File No(s):	SAT-PDR-20191205-00143	<p>GRANTED -- With Conditions</p>  <p>International Bureau Satellite Division</p>
Licensee/Grantee:	Intelsat License LLC	
Call Sign:	S3058 (formerly S2476)	
Satellite Name:	HISPASAT 143W-1 (formerly known as HISPASAT 30W-4 and HISPASAT-1D)	
Orbital Location: (required station-keeping tolerance)	143° W.L. (± 0.10 degrees)	
Administration:	Spain	
Nature of Service:	Fixed-Satellite Service (FSS)	
Scope of Grant:	Conditional grant of U.S. market access via the HISPASAT 143W-1 station at the 143° W.L. orbital location in inclined-orbit mode.	
Previous grant(s)	SAT-PDR-20030430-00090	
Service Area(s):	CONUS, Western Canada and Mexico, Pacific Ocean including Hawaii and Alaska	
Frequencies:	Service Link Frequencies: 11.45-11.7 GHz, 11.7-12.2 GHz, 12.2-12.75 GHz (space-to-Earth) 13.75-14.0 GHz, 14.0-14.5 GHz, 17.3-17.8 GHz (Earth-to-space) TT&C Frequencies: 11700 MHz, 12749.75 MHz (space-to-Earth) 2072.7958 MHz, 14498.7 MHz, (Earth to-space) ¹	
<p>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:</p> <ol style="list-style-type: none"> 1. Intelsat IS GRANTED conditional access to the U.S. market via HISPASAT 143W-1 at the 143° W.L. orbital location. 2. This grant does not include the provision of any Direct-to-Home (DTH) service, Direct Broadcast Satellite Service (DBS) or Digital Audio Service (DARS) to, from, or within the United States. 3. Communications between U.S.-licensed earth stations and the HISPASAT 143W-1 space station shall comply with all existing and future space station coordination agreements reached between Spain and other administrations. 4. In its operations of the HISPASAT 143W-1 in the 11.45-11.7 GHz and 11.7-12.2 GHz (space-to-Earth) frequency bands, Intelsat is urged to take all practicable steps to protect radio astronomy observations in accordance with footnote US211, and consistent with footnote US74, to the United States Table of Frequency Allocations. 47 CFR § 2.106, US211. 5. Operations in the 11.45-11.7 and 11.7-12.2 GHz frequency band (space-to-Earth) are authorized up to the applicable power flux-density limits contained in Section 25.208, 47 CFR § 25.208, and Article 21 of the ITU Radio Regulations. 6. Intelsat's request for a waiver of 47 C.F.R. § 2.106 of the Commission's rules to allow HISPASAT 		

¹ In its application, Intelsat requested a waiver of 47 C.F.R. § 2.106 to conduct backup TT&C operations in the 2025-2100 MHz (Earth -to-space) and 2200-2290 MHz (space-to-Earth) frequency bands on an unprotected, non-interference basis. Intelsat subsequently retracted its request for U.S. market access in the 2200-2290 MHz band. See Letter from Cynthia J. Grady, Senior Counsel, Intelsat US LLC, to Marlene H. Dortch, Secretary, FCC (dated Apr. 23, 2020). The remaining request for waiver of 47 C.F.R. § 2.106 to conduct backup TT&C operations in the 2025-2100 MHz (Earth -to-space) band is addressed below.

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143W-1 to conduct operations in the 11.45-11.7 GHz frequency band on an unprotected, non-interference basis IS GRANTED. The 11.45-11.7 GHz frequency band is allocated for international use only under Footnote NG52 of the United States Table of Frequency Allocations. Waiver of the international-only allocation is justified because Intelsat will be utilizing receive-only earth stations in this band and therefore cannot cause harmful interference to FS stations operating in the band, and Intelsat agrees to receive any level of interference from FS stations operating in this band. Grant of this waiver is further supported by Commission precedent, including a similar waiver granted for the INTELSAT 29e space station at the 50° W.L. orbital location, which HISPASAT 143W-1 is replacing. Grant of this waiver is subject to the following conditions:

- a. Intelsat shall operate its Earth stations in the 11.45-11.7 GHz frequency bands on an unprotected, non-interference basis relative to fixed stations, and as such Intelsat may not cause harmful interference to or claim protection from fixed stations to which frequencies in the 11.45-11.7 GHz frequency band have already been assigned or to which frequencies in the 11.45-11.7 GHz frequency band may be assigned at a later date.
 - b. Intelsat is required to inform its customers, in writing, including end-users receiving service from resellers accessing capacity on the HISPASAT 143W-1 space station, that the service in the 11.45-11.7 GHz frequency band is being provided on an uncoordinated basis, and potential exists that future-licensed fixed stations may cause harmful interference to these unprotected Earth stations.
7. Intelsat's request for a waiver of 47 C.F.R. § 2.106 of the Commission's rules to provide FSS to the United States and its territories using the 12.2-12.7 GHz (space-to-Earth) frequency band on an unprotected, non-interference basis IS GRANTED. The 12.2-12.7 GHz frequency band is allocated to the Broadcasting-Satellite Service (BSS) in ITU Region 2 and the United States. Intelsat's operations shall be on a non-protected, non-interference basis in the United States and its territories in ITU Region 2. Additionally, HISPASAT 143W-1 will protect terrestrial station operations by complying with ITU PFD limits specified in No. 21.16 of the ITU Radio Regulations. As a non-conforming user of the 12.2-12.7 GHz band in ITU Region 2, HISPASAT 143W-1 must not cause harmful interference to existing and future authorized users who are operating in accordance with the Table of Allocations in ITU Region 2 and must accept interference from such authorized users including any future U.S. BSS operations at 148° W.L. Waiver is justified because FSS operations in this band is consistent with No. 5.492 of the ITU Radio Regulations and there are no U.S. BSS satellites transmitting from orbital locations within 14° of the 143° W.L. orbital location.
8. Intelsat's request for a waiver of 47 C.F.R. § 2.106 of the Commission's rules to permit the provision of FSS within Region 2 and the United States in the 12.7-12.75 GHz frequency band (space-to-Earth) IS GRANTED, subject to the following conditions:
- a. Intelsat shall not cause any harmful interference to existing and future authorized users operating in the United States in accordance with the U.S. Table of Frequency Allocations and shall accept any interference in the United States from such authorized users, including CARS operators, BAS operators, Private Operational Fixed Point-to-Point Service (OFS) operators and Common Carrier Local TV Transmission Service (LTTS) operators;
 - b. In the event of harmful interference to any authorized services operating in accordance with the ITU Table of Frequency Allocations resulting from Intelsat's use of the 12.7-12.75 GHz band in Region 2, Intelsat shall immediately cease operations in that band;
 - c. In the event that Intelsat receives any report of harmful interference, Intelsat shall inform the Commission of this and provide details of how it has been resolved;
 - d. To further protect services in this band, the power flux density limits (PFD) at the surface of the Earth for transmissions from the satellite in the band 12.7 - 12.75 GHz shall not exceed the limits specified in

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rule No. 21.16 of the ITU Radio Regulations.²

9. Communications between U.S.-licensed earth stations and the HISPASAT 143W-1 space station in the 13.75-14.0 GHz (Earth-to-space) frequency band are subject to footnote US337 of the United States Table of Frequency Allocations, 47 CFR § 2.106, US337, which requires any earth station in the United States and its possessions communicating with the HISPASAT 143W-1 space station in the 13.75-14.0 GHz frequency band be coordinated through the National Telecommunications and Information Administration's (NTIA) Frequency Assignment Subcommittee to minimize harmful interference to the National Aeronautics and Space Administration (NASA) Tracking and Data Relay Satellite System's (TDRSS) forward space-to-space link (TDRSS forward link-to-LEO).
10. Communications between U.S.-licensed earth stations and the HISPASAT 143W-1 space station in the 13.75-14.0 GHz frequency band (Earth-to-space) are subject to footnote US356 of the United States Table of Frequency Allocations, 47 CFR § 2.106, US356, which specifies a mandatory minimum antenna diameter of 4.5 meters and a recommended minimum and maximum equivalent isotropically radiated power (EIRP). Operations of any earth station located outside of the United States and its possessions communicating with the HISPASAT 143W-1 space station in the 13.75-14.0 GHz frequency band (Earth-to-space) to provide service to the United States must be consistent with footnote 5.502 of the International Telecommunication Union (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. In the 13.75-14.0 GHz frequency band (Earth-to-space), receiving space stations in the FSS must not claim protection from radiolocation transmitting stations operating in accordance with the United States Table of Frequency Allocations.
11. Operations of any earth station in the United States and its possessions communicating with the HISPASAT 143W-1 space station in the 13.75-14.0 GHz frequency band (Earth-to-space) must comply with footnote US357 to the United States Table of Frequency Allocations, 47 CFR § 2.106, US357, which specifies that the EIRP density of emissions must not exceed 71 dBW in any 6 MHz band for communications with a space station in geostationary-satellite orbit.
12. Operations of any earth station located outside of the United States and its possessions communicating with the HISPASAT 143W-1 space station in the 13.77-13.78 GHz frequency band (Earth-to-space) to provide service to or from the United States must comply with footnote 5.503 to the ITU Radio Regulations, which specifies required maximum EIRP density limits, dependent on antenna diameter, for communications with a space station in geostationary-satellite orbit.
13. In its operations of the HISPASAT 143W-1 space station in the 14.0-14.5 GHz (Earth-to-space) frequency band, Intelsat is urged to take all practicable steps to protect the radio astronomy service from harmful interference in accordance with footnotes 5.149 and US342 to the United States Table of Frequency Allocations. 47 C.F.R. § 2.106, 5.149, US342.
14. The operations of HISPASAT 143W-1 and associated earth stations in the Ku-band 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 143° W.L. orbital location.
15. Intelsat's request for waiver of the United States Table of Frequency Allocations, 47 CFR § 2.106, including a waiver of footnote US271 to Section 2.106,³ to provide FSS to the United States and its

² Article 21.16 of the International Radio Regulations imposes power flux density (PFD) limits on FSS downlink transmissions in the 12.2-12.7 GHz band within Region 3 and 12.5-12.75 GHz band within Region 1 in order to protect terrestrial services. As Intelsat's non-conforming downlink transmissions are also in a terrestrial service band, we impose these same PFD limits on Intelsat's downlink transmissions in the 12.7-12.75 GHz band in the United States.

³ We waive footnote US271 on our own motion because Intelsat only requested a waiver of Section 2.106.

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territories using the 17.3-17.8 GHz (Earth-to-space) frequency band on an unprotected, non-interference basis, is GRANTED. Such operations must be on a non-interference and non-protected basis within the United States and its territories located within ITU Region 2. Additionally, HISPASAT 143W-1 will protect terrestrial station operations by complying with PFD limits specified in Section 25.208 of the Commission's rules.⁴ As a non-conforming user of the 17.3-17.8 GHz band in ITU Region 2, HISPASAT 143W-1 must not cause harmful interference to existing and future authorized users who are operating in accordance with the Table of Allocations in ITU Region 2 and must accept interference from such authorized users including any future U.S. BSS operations at 148° W.L. Waiver is justified because FSS operations in this band are consistent with Section 25.208 and there are no U.S. BSS satellites transmitting from orbital locations within 14° of the 143° W.L. orbital location.

16. Intelsat's request for a waiver of 47 C.F.R. § 2.106 of the Commission's rules to conduct FSS operations in the 12.2-12.7 GHz (space-to-Earth) and 17.3-17.8 GHz (Earth-to-Space) frequency bands IS GRANTED. The FSS operations of HISPASAT 143W-1 and associated earth stations must comport with the parameters of the Appendix 30/30A INTELSAT KUEXT 143W satellite network filings of the administration of the United Kingdom filed with the ITU for operation in the 12.2-12.7 GHz (space-to-Earth) and the 17.3-17.8 GHz (Earth-to-space) frequency bands and any additional conditions resulting from the coordination of this network.
17. Intelsat's request for a waiver of 47 C.F.R. § 2.106 to conduct TT&C operations in the 12.7-12.75 GHz (space-to-Earth) frequency band on an unprotected, non-interference basis IS GRANTED. In the United States, the 12.7-12.75 GHz frequency band is allocated to uplink operations. Waiver is justified because HISPASAT 143W-1 is designed to use the telemetry downlink at 12749.75 MHz, consistent with the FSS allocation in Region 1, where the satellite was previously located, and the frequency cannot be changed because the satellite is already in orbit.
18. Intelsat's request for a waiver of 47 C.F.R. § 2.106 to conduct backup TT&C operations in the 2025-2100 MHz (Earth -to-space) frequency band on an unprotected, non-interference basis IS GRANTED. In the United States, the 2025-2100 MHz band is allocated to the FS and mobile service on a primary basis. Waiver is justified because HISPASAT 143W-1 is designed to conduct TT&C operations at 2072.7958 MHz, and this frequency cannot be changed as the satellite is already in orbit. This contingency TT&C frequency will be used only infrequently, for bi-annual testing lasting approximately two hours per test, and in the event HISPASAT 143W-1's Ku-band TT&C frequencies experience an anomaly. Intelsat must conduct TT&C operations on this frequency on an unprotected, non-interference basis. Furthermore, if this 2072.7958 MHz frequency will be used in conjunction with U.S. earth stations, Intelsat must provide Federal operators with earth station locations and all operating parameters for both earth stations and for the spacecraft, including antenna information, transmitter power, emission(s) and bandwidth(s) employed in order to assess interference potential to Federal systems. No earth station license can be granted until this information has been coordinated with Federal operators.
19. Intelsat's request for a waiver of Section 25.210(j) of the Commission's rules, 47 CFR § 25.210(j), to allow HISPASAT 143W-1 to operate with a station-keeping tolerance of $\pm 0.10^\circ$ is granted. Section 25.210(j) states that space stations "must be maintained within 0.05 degrees of their assigned orbital longitude in the east/west direction, unless specifically authorized by the Commission to operate with a different longitudinal tolerance." Intelsat states that operating HISPASAT 143W-1 at a $\pm 0.10^\circ$ station-keeping tolerance will have no adverse impact on other operators, because the nearest satellite is 2.3° from HISPASAT 143W-1, so the volume will not overlap with that of any other satellites. According to Intelsat, the larger station-keeping volume will also allow Intelsat to conserve fuel and extend the life of HISPASAT 143W-1. This waiver is limited to this spacecraft, does not extend to any other spacecraft,

⁴ 47 CFR § 25.208.

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and it is limited to operations at the 143 W.L. orbital location.

20. Intelsat's request for a waiver of Section 25.114(d)(14)(ii) and Section 25.283(c) is GRANTED on the condition that Intelsat file, within one year of this grant, the total mass, in grams, of helium, the volume, in liters, the pressure and the temperature per tank at the end of the satellite's life.⁵ Sections 25.114(d)(14)(ii) and 25.283(c) specify that space stations must discharge all stored energy sources at end-of-life of the space station. HISPASAT 143W-1 is a Thales Alenia (formerly Alcatel) Spacebus 3000-B spacecraft that is not designed to vent all of its pressurized systems. After orbit transfer, the helium pressurant tank was permanently sealed by firing a pyrotechnic valve. As a result, at the end of HISPASAT 143W-1's operational life, there will be residual helium remaining in the tank that cannot be vented. Furthermore, as the spacecraft is already in orbit, a design modification cannot be effectuated. We grant the requested waiver conditionally because compliance with these rules is not achievable except through direct retrieval of the spacecraft.
21. Pursuant to Section 25.280(a), 47 C.F.R. § 280(a), Intelsat must notify the Commission by letter within 30 days after the last north-south station-keeping maneuver. Intelsat is required to operate HISPASAT 143W-1 pursuant to Section 25.280(b), 47 CFR § 280(b).
22. Intelsat's grant of market access will terminate in the event that the HISPASAT 143W-1 space station is relocated from the 143° W.L. orbital location or ceases to operate. If Intelsat seeks to provide service to the United States using another space station or seeks U.S. market access via HISPASAT 143W-1 from another location, it must file a new petition for market access.

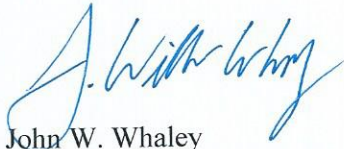
Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as conditioned. Failure to respond within this period will constitute formal acceptance of the grant as conditioned.

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 29, 2020	
Term Dates	From: April 29, 2020	To: see conditions

Approved:


 John W. Whaley
 Acting Chief, Satellite Policy Branch

⁵ At this time, Intelsat is unable to provide this information because the offices in Spain, where this information is located, are closed due to the COVID-19 pandemic and that information is not available electronically. See Letter from Cynthia J. Grady, Senior Counsel, Intelsat US LLC, to Marlene H. Dortch, Secretary, FCC (dated Apr. 2, 2020).

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 St. NW	E-Mail:	jhindin@wileyrein.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20006
Attention:	Jennifer D. Hindin	Relationship:	Legal Counsel

CLASSIFICATION OF FILING

17. Choose the buttonnext to the classification that applies to thisfiling for both questions a. and b. Choose only one for 17a and only one for 17b.

a.

a1. Earth Station

a2. Space Station

b.

b1. Application for License of New Station (N/A)

b2. Application for Registration of New Domestic Receive-Only Station (N/A)

b3. Amendment to a Pending Application (N/A)

b4. Modification of License or Registration (N/A)

b5. Assignment of License or Registration (N/A)

b6. Transfer of Control of License or Registration (N/A)

b7. Notification of Minor Modification (N/A)

b8. Application for License of New Receive-Only Station Using Non-U.S. Licensed Satellite

b9. Letter of Intent to Use Non-U.S. Licensed Satellite to Provide Service in the United States

b10. Replacement Satellite Application – no new frequency bands

b11. Replacement Satellite Application – new frequency bands (Not eligible for streamlined processing)

b12. Petition for Declaratory Ruling to be Added to the Permitted List (N/A)

b13. Other (Please specify)

<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 checked="" type="radio"/> Other (please explain): Permitted Space Station List and Market Access Application</p>	<p>17c. Fee Classification</p>
<p>18. If this filing is in reference to an existing station, enter: (a) Call sign of station: Not Applicable</p> <p>19. If this filing is an amendment to a pending application enter: (a) Date pending application was filed: Not Applicable (b) File number of pending application: Not Applicable</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. 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.
Not Applicable

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.

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

26. TYPE OF EARTH STATION FACILITY: Not Applicable

PURPOSE OF MODIFICATION

27. The purpose of this proposed modification is to: (Place an "X" in the box(es) next to all that apply.) Not Applicable

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.

<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 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>
<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 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><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>Yes <input checked="" type="radio"/> No <input type="radio"/></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>Yes <input type="radio"/> No <input checked="" type="radio"/></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>Yes <input type="radio"/> No <input checked="" type="radio"/></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>Yes <input type="radio"/> No <input checked="" type="radio"/></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>Yes <input type="radio"/> No <input checked="" type="radio"/></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>Yes <input checked="" type="radio"/> No <input type="radio"/></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>Yes <input checked="" type="radio"/> No <input type="radio"/></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? Spain</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.)

Intelsat License LLC hereby seeks market access for the HISPASAT 143W-1 satellite to provide service to the United States from the 143 W.L. orbital location in the S- and Ku-bands.

Narrative

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.



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.



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.



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) LLC

45. Name of Person Signing
Susans H. Crandall

46. Title of Person Signing
Assoc. Gen. Counsel, Intelsat US LCC

47. Please supply any need attachments.

1:

2:

3:

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT
(U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION
(U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

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