

S2854 SAT-RPL-20120216-00018 IB2012000582
Intelsat License LLC
NSS-7

+ CORRECTED *



File # SAT-RPL-20120216-00018
Call Sign S2854 Grant Date 05/25/12
(or other identifier)
Term Dates
From 05/25/12 To: 04/16/17
Approved: Stephen J. Duall
Stephen J. Duall
Chief, Satellite Policy Branch

Approved by OMB
3060-0678

Date & Time Filed: Feb 16 2012 4:02:45:133PM
File Number: SAT-RPL-20120216-00018
Callsign/Satellite ID: S2854

APPLICATION FOR SATELLITE SPACE STATION AUTHORIZATIONS FCC 312 MAIN FORM FOR OFFICIAL USE ONLY	FCC Use Only
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APPLICANT INFORMATION

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

Application for Authority to Operate Certain Ku-band Frequencies of the NSS-7 Satellite at 340.0 E.L.

1-8. Legal Name of Applicant			
Name:	Intelsat License LLC	Phone Number:	202-944-7848
DBA Name:		Fax Number:	202-944-7870
Street:	c/o Intelsat Corporation 3400 International Drive, N.W.	E-Mail:	susan.crandall@intelsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20008 -3006
Attention:	Susan H. Crandall		

Attachment to Grant
IBFS File No. SAT-RPL-20120216-00018
Call Sign S2854

The application of Intelsat North America LLC (Intelsat) for authority to operate the Ku-band frequencies of the in-orbit NSS-7 space station (Call Sign S2854) at the 20.0° W.L. orbital location, IBFS File No. SAT-RPL-20120216-00018, is granted.¹ Accordingly, Intelsat is authorized to operate the NSS-7 space station to provide Fixed-Satellite Service (FSS) in the 10.95–11.2 GHz (space-to-Earth), 11.45–11.95 GHz (space-to-Earth), 12.5–12.75 GHz (space-to-Earth), and 14.0–14.5 GHz (Earth-to-space) frequency bands from the 20.0° W.L. orbital location.² This authorization shall be in accordance with the technical specifications set forth in Intelsat's application, Federal Communications Commission (Commission) rules, and the following conditions:

1. Intelsat shall prepare the necessary information, as may be required, for submission to the International Telecommunication Union (ITU) to initiate and complete the advance publication, international coordination, due diligence, and notification process of this space station, in accordance with the ITU Radio Regulations. Intelsat shall be held responsible for all cost-recovery fees associated with ITU filings. We also note that 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, by successfully completing coordination agreements. 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 C.F.R. § 25.111(b).

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

3. Communications between U.S.-licensed earth stations and the NSS-7 space station shall comply with all existing and future space station coordination agreements reached between the Netherlands and other administrations.

4. Intelsat'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, is granted in part. 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. Intelsat states that residual oxidizer will not be vented at the spacecraft's end of life because the oxidizer tanks on NSS-7 were sealed using pyrotechnic valves at the end of transfer orbit and therefore cannot be vented. NSS-7 was launched on April 16, 2002, before Section 25.283(c) was adopted. Furthermore, compliance with Section 25.283(c) would require direct retrieval

¹The application was placed on Public Notice as accepted for filing on April 6, 2012. Policy Branch Information, Satellite Space Applications Accepted for Filing, *Public Notice*, Report No. SAT-00858. New Skies Satellites B.V. (New Skies) has separately filed a Petition for Declaratory Ruling to modify the Commission's Permitted Space Station List (Permitted List) entry for the NSS-7 space station (Call Sign S2463) to reflect the change of orbital position of NSS-7 from its current orbital location of 22° W.L. to the 20° W.L. orbital location. *See* IBFS File No. SAT-MPL-20120215-00017. (New Skies' NSS-7 Petition).

² Intelsat's application indicates that the NSS-7 space station's operations will replace operations of NSS-5 at the 20.0° W.L. orbital location.

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of the spacecraft or launching a servicing mission to the spacecraft, which is not practicable at this time. This waiver is conditioned upon Intelsat, or New Skies, confirming the accuracy or correcting, within 10 calendar days of the date of this grant, information previously provided concerning volumes, temperatures, and pressures of the oxidizer tanks, and providing a list of the chemicals and the masses thereof that will be retained in the tanks at end-of-life. Such confirmation or correction and additional information must be supported by an engineering certification executed in the form specified in Section 1.16 of the Commission's rules. This action is without prejudice to possible future licensing decisions in connection with other spacecraft of the same manufacturing series.

5. Intelsat's request for a waiver of Section 25.114(d)(3) of the Commission's rules, 47 C.F.R. § 25.114(d)(3), IS GRANTED. Section 25.114(d)(3) requires predicted space station antenna gain contour(s) for each transmit and each receive antenna beam and nominal orbital location requested. Intelsat indicates that because certain beams on NSS-7 do not intersect with the Earth's surface, it has not provided gain contours for these beams. (Figure B-1 in the Technical Appendix, p. 112)³. We find, however, that Figure B-1, together with the descriptive characterization provided on page 13 of the Narrative, fulfill the requirements of Section 25.114(d)(3).

6. Intelsat will maintain control over the operation of the U.S.-licensed portion of the Ku-band payload on the NSS-7 space station and will have the sole right to direct New Skies to promptly deactivate these Ku-band frequencies in order to comply with U.S. laws and regulations.

7. Operations in the 10.95-11.2 GHz and 11.45-11.7 GHz frequency bands are limited to international service only pursuant to Footnote NG104 to the Table of Frequency Allocations and Section 25.202(a)(1) of the Commission's rules, 47 C.F.R. §§ 2.106, NG104, 25.202(a)(1).

8. Operations in the 10.95-11.2 GHz and the 11.45-11.7 GHz frequency bands shall comply with the terms of Footnote US211 to the Table of Frequency Allocations, 47 C.F.R. § 2.106, US211, which urges applicants for airborne or space station assignments to take all practicable steps to protect radio astronomy observations in the adjacent bands from harmful interference, consistent with footnote US74.

9. Operations of NSS-7 at the 20.0° W.L. orbital location in the 10.95-11.2 GHz (space-to-Earth), 11.45-11.7 GHz (space-to-Earth), and 14.0-14.5 GHz (Earth-to-space) frequency bands are subject to the following conditions:

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

³ The Technical Narrative and Schedule S were prepared by New Skies and filed as part of New Skies' Petition for Declaratory Ruling, and were incorporated by reference in Intelsat's application. See New Skies' NSS-7 Petition at n.1.

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

10. Use of the 12.5-12.70 GHz frequency band is not authorized for FSS in International Telecommunication Union (ITU) Region 2.

11. Use of the 12.70-12.75 GHz frequency band is not authorized for FSS in the space-to-Earth direction in ITU Region 2.

12. The Commission has exchanged letters with the Netherlands Radio Communications Agency to ensure a mutual understanding regarding the operations of the NSS-7 space station. The understandings and factual basis for these understandings are attached in Annex A and are material considerations for the grant of this authority.


13. Operations using NSS-7 to or from the United States shall comply with the power levels specified in Section 25.212 of the Commission's rules, 47 C.F.R. § 25.212, unless Intelsat coordinates any operations using power levels exceeding the levels in Section 25.212 with all potentially affected adjacent satellites within 6 degrees orbital separation of the 20° W.L. orbital location. Intelsat shall inform the Commission of the power levels it has coordinated. In addition, Intelsat must inform all affected earth station operators that Section 25.220 of the Commission's rules, 47 C.F.R. § 25.220, applies to operations that exceed the power levels specified in Section 25.212. In no event shall the uplink power density level of NSS-7's digital carriers exceed -50 dBW/Hz and the downlink EIRP density of such carriers exceed -24.7 dBW/Hz for the Ku-band.

14. The license term for this authorization expires on April 16, 2017, which is fifteen years from NSS-7's launch date of April 16, 2002.

15. Intelsat is afforded thirty days from the date of release of this grant and authorization to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.

16. This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately. Petitions for reconsideration under Section 1.106 or applications for review under Section 1.115 of the Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be filed within 30 days of the date of the public notice indicating that this action was taken.

* CORRECTED *

 GRANTED * International Bureau *with conditions	File # SAT-RPL-20120216-00018
	Call Sign S2854 Grant Date 05/25/12
	(or other identifier)
	Term Dates From 05/25/12 To: 04/16/17
Approved: <i>Stephen J. Duall</i> Stephen J. Duall Chief, Satellite Policy Branch	

ANNEX A



Federal Communications Commission
Washington, DC 20554

International Bureau

May 22, 2012

Netherlands Radio Communications Agency
Mr. J.G. Kroon
Advisor Space Communications
Emmasingel 1
9726 AH Groningen
The Netherlands

Re: Operations of the NSS-7 satellite at the 20° W.L. orbital location

Dear Mr. Kroon,

This letter is to confirm the informal understanding of the Netherlands Radio Communication Agency (Agentschap Telecom or AT) and the Federal Communications Commission (FCC) concerning the proposed operations of the NSS-7 space station at the 20° W.L. orbital location.

The NSS-7 satellite operates using C-band (3625-4200 MHz downlink and 5850-6425 MHz uplink) and Ku-band (10.95-11.2 GHz/11.45-11.7 GHz/11.7-12.2 GHz/12.5-12.75 GHz downlink and 14-14.5 GHz uplink) frequencies, with Telecommand, Telemetry and Control (TT&C) for the satellite bus in the Ku-band frequencies. There is also a tracking beacon in the C-band frequencies for customers in that band to calibrate their transmissions and adjust antenna pointing.

New Skies Satellites B.V. (New Skies) is authorized by the AT to operate the C-band frequencies, a portion of the Ku-band downlink frequencies (11.95-12.2 GHz), and the Ku-band TT&C frequencies on the NSS-7 satellite at 20° W.L. New Skies plans to provide commercial communications services within the service area of the NSS-7 space station. New Skies will control the NSS-7 spacecraft using primary TT&C earth station facilities located in the United Kingdom, with backup earth station facilities located in the U.S. New Skies will also have remote control capability from its headquarters in The Hague that will, if required by the Dutch Administration, enable satellite operations to be controlled from the territory of The Netherlands.

Intelsat License LLC (Intelsat) has filed an application with the FCC for authority to operate the Ku-band frequencies on NSS-7 at 20° W.L. (not including the 11.95-12.2 GHz downlink band or the Ku-band TT&C frequencies) under an FCC license. Intelsat and New Skies have agreed that Intelsat will operate these Ku-band frequencies on the NSS-7 satellite at 20° W.L. pursuant to such license.

Pursuant to an agreement between Intelsat (through its affiliate, Intelsat Global Sales & Marketing, Ltd.) and New Skies, Intelsat will maintain control over the operation of these Ku-band frequencies and thus have the sole right to direct New Skies to promptly deactivate the Ku-band frequencies licensed by the FCC in order to comply with U.S. laws and regulations. New Skies will maintain control of the C-band frequencies, the extended Ku-band frequencies of 11.95-12.2 GHz, the Ku-band TT&C frequencies, and the satellite bus. The agreement is limited to operations at the 20° W.L. orbital location.

Informal Understandings Between AT and the FCC Concerning Operation of New Skies' NSS-7 Satellite

It is my understanding that our agencies have concurred on the following technical issues concerning the operation of the NSS-7 satellite:

1. For purpose of Regulation 18.1 of the International Telecommunication Union (ITU) Radio Regulations, the FCC is the licensing administration for the Ku-band frequencies on NSS-7 at 20° W.L. (not including the 11.95-12.2 GHz band or the Ku-band TT&C frequencies), and the AT is the licensing administration for the C-band frequencies, the 11.95-12.2 GHz band, and the Ku-band TT&C frequencies of the NSS-7 satellite while it operates at the 20° W.L. orbital location.
2. Operation of the NSS-7 satellite in the C-band and Ku-band at any location other than 20° W.L. will be subject solely to the licensing authority of the AT, including any operations as a result of the equipment failure in that satellite that results in the inability to maintain the satellite within +/- 0.05° of its assigned position at the 20° W.L. orbital location.
3. AT will consult with the FCC, if practicable, prior to any relocation of the satellite, or as soon thereafter as possible. Additionally, AT and the FCC will consult with each other prior to any transfer of their respective licensing authority regarding the NSS-7 satellite to a third administration.
4. New Skies, under the authority issued by AT, will maintain control over the physical operations of the NSS-7 satellite using authorized TT&C earth station facilities located in the United Kingdom or the U.S., which will also be operable from The Netherlands. The U.S. licensee will retain the unilateral right to direct New Skies to cease operations of the NSS-7 Ku-band frequencies that are licensed by the FCC, without the need for consultation with or approval from AT, in order to comply with any U.S. statute or FCC rule, regulation, or order, including but not limited to any direction by the U.S. President under Section 706(c) of the Communications Act of 1934, as amended, 47 U.S.C. § 606(c), and New Skies will be required to comply with any such direction. The FCC will inform AT, at the earliest practicable time, of any such a directive.
5. New Skies' license under the Space Activities Act of the Netherlands requires New Skies to ensure (among other things) that, at the end of a space object's life span, adequate fuel supply is onboard to transport the space object to a de-commissioning orbit or de-commissioning zone, sufficiently above the geostationary orbit that it will not re-enter the region below around 200 kilometers higher than geostationary orbit (or approximately 35,986 kilometers).

The FCC has not presently issued any permanent authorizations for operations of the Ku-band frequencies on the NSS-7 satellite at the 20° W.L. orbital location. Intelsat's application for such authority is pending and will require separate action by the FCC. This exchange of letters does not constitute approval of that application. If no such authorization is issued, the understandings in this letter will expire.

The informal understandings set forth in this letter concerning operation of the NSS-7 satellite do not constitute a concurrence by either AT and the Dutch Administration or the FCC and the U.S. Administration to any filings with the ITU. I have every confidence that the two Administrations will, separately, and as part of the any agreement-seeking processes applicable under the ITU Radio Regulations, continue to work cooperatively and in good faith.

Lastly, all notices, inquiries, and correspondences from AT concerning these matters should be directed to the Chief, Satellite Division, International Bureau (phone number 202-418-2341) (email Robert.Nelson@fcc.gov, with a copy to Karl.Kensinger@fcc.gov), on the part of the FCC. The FCC will forward all notices, inquiries, and correspondences concerning these matters to the Mr. J.G. Kroon (phone number +31 50 5877 344) and e-mail johan.kroon@agentschaptelecom.nl), on the part of AT. Please let us know if this address subsequently changes.

If the foregoing corresponds to your understanding of the informal arrangements between our two agencies concerning the various issues involved in the proposed operation of the NSS-7 satellite at the 20° W.L. orbital location, please confirm by return letter. Thank you.

Sincerely,



Robert G. Nelson
Chief
Satellite Division

cc: Ms. Susan Crandall
Assistant General Counsel
Intelsat Corporation
3400 International Drive
Washington, DC 20008

Daniel C.H. Mah
Regulatory Counsel
New Skies Satellites B.V.
1129 20th Street NW, Suite 1000
Washington, D.C. 20036 USA



Radiocommunications Agency
Ministry of Economic Affairs, Agriculture and
Innovation

> Return address P.O. Box 450 9700 AL Groningen, The Netherlands

Federal Communications Commission
Attn. Mr. Robert Nelson
Chief, Satellite Division
International Bureau
Washington, DC 20554
United States of America

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Contact

J.G. Kroon
T +31 50 5877 344

Our reference
AT-EL&I/6726096

Your reference
Your letter dated May 22,
2012

Enclosures

Date 24 May 2012
Subject Operations of the NSS-7 satellite at the 20°West orbital location

Dear Mr. Nelson,

Thank you for your letter of 22 May 2012, setting out our informal understandings concerning the proposed operations of New Skies Satellites BV's NSS-7 satellite and the various issues involved in Intelsat's proposed operation of a portion of the Ku-band payload on this satellite.

I am pleased to provide my confirmation of these understandings.

I want to express my appreciation for the support your administration is giving to this kind of commercial agreement to facilitate the delivery of important and valuable satellite services in our respective countries.

Yours sincerely,
on behalf of
The Minister of Economic Affairs,
Agriculture and Innovation,


R. Agema
Head of the Market Access Department
Radiocommunications Agency Netherlands

cc:
Ms. Susan Crandall
Assistant general Counsel
Intelsat Corporation
3400 International Drive
Washington, DC 20554 USA

Daniel C.H. Mah
Regulatory Counsel
New Skies Satellites BV
1129 20th Street NW, Suite 1000
Washington, DC 20036 USA

9-16. Name of Contact Representative

Name:	Intelsat License LLC	Phone Number:	202-944-7848
Company:		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	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.

a.

- (N/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)

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):

17c. Fee Classification BNY – Space Station (Geostationary)

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

(a) Call sign of station:

Not Applicable

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

TYPE OF SERVICE

<p>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:</p> <p><input checked="" type="checkbox"/> a. Fixed Satellite</p> <p><input type="checkbox"/> b. Mobile Satellite</p> <p><input type="checkbox"/> c. Radiodetermination Satellite</p> <p><input type="checkbox"/> d. Earth Exploration Satellite</p> <p><input type="checkbox"/> e. Direct to Home Fixed Satellite</p> <p><input type="checkbox"/> f. Digital Audio Radio Service</p> <p><input type="checkbox"/> g. Other (please specify)</p>	
<p>21. STATUS: Choose the button next to the applicable status. Choose only one.</p> <p><input type="radio"/> Common Carrier <input checked="" type="radio"/> Non-Common Carrier</p>	<p>22. If earth station applicant, check all that apply.</p> <p>Not Applicable</p>
<p>23. If applicant is providing INTERNATIONAL COMMON CARRIER service, see instructions regarding Sec. 214 filings. Choose one. Are these facilities:</p> <p><input type="radio"/> Connected to a Public Switched Network <input type="radio"/> Not connected to a Public Switched Network <input checked="" type="radio"/> N/A</p>	
<p>24. FREQUENCY BAND(S): Place an "X" in the box(es) next to all applicable frequency band(s).</p> <p><input type="checkbox"/> a. C-Band (4/6 GHz) <input checked="" type="checkbox"/> b. Ku-Band (12/14 GHz)</p> <p><input type="checkbox"/> c. Other (Please specify upper and lower frequencies in MHz.)</p> <p>Frequency Lower: Frequency Upper: (Please specify additional frequencies in an attachment)</p>	

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.

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

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.

Yes No

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

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 exhibit, 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.)

Intelsat License LLC, pursuant to Section 25.114 of the rules of the Federal Communications Commission, hereby applies for authority to operate certain Ku-band frequencies of the in-orbit NSS-7 satellite at 340.0 E.L. (20.0 W.L.) beginning in mid-May 2012. The NSS-7 satellite (call sign S2463) will replace the NSS-5 satellite (call sign

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.

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

The public reporting for this collection of information is estimated to average 0.25 – 24 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD–PERM, Paperwork Reduction Project (3060–0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to PRA@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

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

Intelsat License LLC, pursuant to Section 25.114 of the rules of the Federal Communications Commission, hereby applies for authority to operate certain Ku-band frequencies of the in-orbit NSS-7 satellite at 340.0 E.L. (20.0 W.L.) beginning in mid-May 2012. The NSS-7 satellite (call sign S2463) will replace the NSS-5 satellite (call sign S2801), which is currently operating at 340.0 E.L. (20.0 W.L.)