

Before the
Federal Communications Commission
Washington, DC 20554

In the Matter of

Intelsat License LLC

Application to Modify Authorization for
Intelsat 16 (S2750)

File No. SAT-MOD- _____

**APPLICATION OF INTELSAT LICENSE LLC
TO MODIFY AUTHORIZATION FOR INTELSAT 16**

Intelsat License LLC (“Intelsat”), pursuant to Section 25.117 of the rules of the Federal Communications Commission (“Commission” or “FCC”),¹ hereby seeks to modify the authorization for the Intelsat 16 satellite (Call Sign S2750). Specifically, this modification seeks authority to permanently maintain and continue to operate Intelsat 16 at 76.2° W.L. Intelsat 16’s current licensed location is 58.1° W.L.,² and the satellite is operating at 76.2° W.L. pursuant to Special Temporary Authority (“STA”).³ At this location, Intelsat 16 will continue to provide services in Ku-band frequencies.

In accordance with the Commission’s rules, this application has been filed electronically as an attachment to FCC Form 312.⁴ Intelsat provides the technical information relating to the

¹ 47 C.F.R. § 25.117.

² See *Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01160, IBFS File No. SAT-MOD-20160201-00009 (May 20, 2016).

³ See *Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01287, IBFS File No. SAT-STA-20171016-0140 (Dec. 1, 2017).

⁴ 47 C.F.R. § 25.117(b), (c).

proposed modification on Schedule S and in narrative form in the attached Engineering Statement.⁵

I. MODIFICATION FOR PERMANENT LOCATION AT 76.2° W.L.

Intelsat requests authority to permanently locate and continue to operate Intelsat 16 at 76.2° W.L. Intelsat 16 is authorized to operate at 76.2° W.L. pursuant to STA, and its licensed location is 58.1° W.L.⁶

Intelsat 16 currently uses pursuant to STA—and will continue to use on a permanent basis upon Commission approval—the following Ku-band frequencies at 76.2° W.L.:

Frequency Band ⁷	INTELSAT 16
10700-11450 MHz	
11700-12200 MHz	√
12750-13250 MHz	
13750-14000 MHz	
14000-14500 MHz	√

Intelsat 16’s telemetry, tracking, and command (“TT&C”) center frequencies are as follows: 12198.25 MHz and 12198.75 MHz (space-to-Earth), and 13997.5 MHz, and 14499.5 MHz (Earth-to-space).

II. PUBLIC INTEREST SHOWING

Grant of this modification application to permanently operate Intelsat 16 at 76.2° W.L. will serve the public interest by enabling Intelsat to continue providing service to customers at

⁵ See 47 C.F.R. § 25.114.

⁶ See *supra* notes 2, 3.

⁷ Although Intelsat 16 is capable of operating in 10700-11450 MHz, 12750-13250 MHz, and 13750-14000 MHz bands, Intelsat is not seeking authority to operate in these bands at 76.2° W.L., except for the 13997.5 MHz frequency used for uplink TT&C.

the 76.2° W.L. orbital location, including customers responding to damage caused by Hurricane Maria to communications networks in Puerto Rico.

Grant of this request will not result in an increased risk of harmful interference, as Intelsat 16 is already located and operating at 76.2° W.L. Intelsat will continue to operate the Intelsat 16 satellite's communications payload and TT&C frequencies in conformance with Intelsat's coordination agreements with existing geostationary space stations for this orbital location.

As the Commission is aware, DIRECTV Enterprises, LLC ("DIRECTV") currently holds a license to construct, launch and operate a geostationary satellite in the Ku-band at 76.0° W.L. ("DIRECTVKU-76W License") pursuant to an International Telecommunication Union ("ITU") registration advanced by the UK (UKSAT-KU-4 at 76° W.L). Intelsat and DIRECTV have reached an agreement that allows Intelsat 16 to operate at 76.2° W.L. DIRECTV thus supports grant of this modification application for the Intelsat 16 satellite.⁸ In the unlikely event that harmful interference occurs, Intelsat will take all reasonable steps to eliminate the interference.

III. REQUEST FOR GRANT WITHOUT A BOND

Because Intelsat 16 is already in-orbit and operating, grant of this modification application is not subject to milestone conditions, and Intelsat is not required to post a bond under Sections 25.164(a) and 25.165 of the Commission's rules.⁹ In addition, the Ku-band

⁸ Pursuant to an agreement among DirecTV and its affiliated entities providing service to Mexico, Central America and Brazil, Intelsat 16 is subject to an obligation to relocate to another orbital slot in the event a failure occurs on either Intelsat satellite currently operating at the 43.0° W.L. or 58.0° W.L. orbital location. Currently, the satellites at these two locations are performing nominally and this required relocation is not presently anticipated.

⁹ See 47 C.F.R. §§ 25.164(a) and 25.165.

frequencies at the nominal 76.0° W.L. location are already the subject of a bond, which has been posted by DIRECTV. As such, there is no risk of warehousing.

IV. CONCLUSION

For the reasons set forth above, Intelsat respectfully requests that the Commission grant this modification application.

Respectfully submitted,

Intelsat License LLC

By: /s/ Susan H. Crandall

Susan H. Crandall
Associate General Counsel
Intelsat Corporation

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

Jennifer D. Hindin
Sara M. Baxenberg
Madi Lottenbach
WILEY REIN LLP
1776 K Street, NW
Washington, DC 20006

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Exhibit A
FCC Form 312, Response to Question 34: Foreign Ownership

The Federal Communications Commission previously approved foreign ownership in Intelsat License LLC (“Intelsat”), in the *Intelsat-Serafina Order*.¹ In December 2009 and October 2011, the Commission also approved *pro forma* changes in Intelsat’s foreign ownership.² There have been no other material changes to Intelsat’s foreign ownership since the date of the *Intelsat-Serafina Order*.

¹ *Intelsat Holdings, Ltd. and Serafina Holdings Limited, Consolidated Application for Consent to Transfer of Control of Holders of Title II and Title III Authorizations*, Memorandum Opinion and Order, 22 FCC Rcd. 22,151 (2007).

² *See Intelsat North America LLC, Intelsat LLC, PanAmSat Licensee Corp., PanAmSat H-2 Licensee Corp., and Intelsat New Dawn Company, Ltd., Applications for Pro Forma Transfer of Control*, IBFS File Nos. SAT-T/C-20091125-00128, SAT-T/C-20091125-00124, SAT-T/C-20091125-00127, SAT-T/C-20091125-00125, SAT-T/C-20091125-00126, SES-T/C-20091125-01505, SES-T/C-20091125-01502, SES-T/C-20091125-01506, SES-T/C-20091125-01504 and SES-T/C-20091125-01503 (granted Dec. 3, 2009); *Intelsat Application for Pro Forma Transfer of Control*, IBFS File Nos. SAT-T/C-20110810-00160, SAT-T/C-20110811-00161, SES-T/C-20110811-00948, SES-T/C-20110812-00963 (granted Oct. 13, 2011), and 0004825139 (granted Oct. 19, 2011).

Exhibit B
FCC Form 312, Response to Question 36: Cancelled Authorizations

Intelsat License LLC (“Intelsat”) has never had a Federal Communications Commission license “revoked.” However, on June 26, 2000, the Commission’s International Bureau “cancelled” two Ka-band satellite authorizations issued to a former Intelsat entity, PanAmSat Licensee Corp. (“PanAmSat”),¹ based on the Bureau’s finding that PanAmSat had not satisfied applicable construction milestones.² In that same order, the Bureau denied related applications to modify the cancelled authorizations. PanAmSat filed an application for review of the Bureau’s decision, which the Commission denied, and subsequently filed an appeal with the United States Court of Appeals for the District of Columbia Circuit, which was dismissed in January 2003 at PanAmSat’s request. Notwithstanding the fact that the Bureau’s action does not seem to be the kind of revocation action contemplated by Question 36, Intelsat is herein making note of the decision in the interest of absolute candor and out of an abundance of caution. In any event, the Bureau’s action with respect to PanAmSat does not reflect on Intelsat’s basic qualifications, which are well-established and a matter of public record.

¹ All licenses previously held by PanAmSat Licensee Corp. have been assigned to Intelsat License LLC. See IBFS File Nos. SAT-ASG-20101203-00252 (granted Dec. 23, 2010), SES-ASG-20101203-0150 (granted Dec. 20, 2010), and SES-ASG-20101206-01502 (granted Dec. 20, 2010).

² See *PanAmSat Licensee Corp.*, Memorandum Opinion and Order, 15 FCC Rcd. 18720 (2000).

Exhibit C
FCC Form 312, Response to Question 40:
Officers, Directors, and Ten Percent or Greater Shareholders

The officers and directors/managers of Intelsat License LLC are as follows:

Officers:

Franz Russ, Deputy Chairman
Michelle Bryan, Secretary
Mirjana Hervy, Director, Finance

Board of Managers:

Franz Russ
Michelle Bryan

The business address of all Intelsat License LLC officers and members of the Board of Managers is: 4 rue Albert Borschette, L-1246 Luxembourg.

Intelsat License LLC is a Delaware limited liability company that is wholly owned by Intelsat License Holdings LLC, also a Delaware limited liability company. Intelsat License Holdings LLC is wholly owned by Intelsat Jackson Holdings S.A., a Luxembourg company. Intelsat Jackson Holdings S.A. is wholly owned by Intelsat Connect Finance S.A., a Luxembourg company. Intelsat Connect Finance S.A. is wholly owned by Intelsat (Luxembourg) S.A., a Luxembourg company. Intelsat (Luxembourg) S.A. is wholly owned by Intelsat Investments S.A., a Luxembourg company. Intelsat Investments S.A. is wholly owned by Intelsat Holdings S.A., a Luxembourg company. Intelsat Holdings S.A. is wholly owned by Intelsat Investment Holdings S.à r.l., a Luxembourg company. Intelsat Investment Holdings S.à r.l. is wholly owned by Intelsat S.A., a Luxembourg company. Each of these entities may be contacted at the following address: 4 rue Albert Borschette, L-1246 Luxembourg.

Intelsat S.A.'s ownership was approved by the Commission as part of the *Intelsat-Serafina Order* and the recent Intelsat Pro Forma and is incorporated by reference. *See Intelsat Holdings, Ltd. and Serafina Holdings Limited, Consolidated Application for Consent to Transfer of Control of Holders of Title II and Title III Authorizations*, Memorandum Opinion and Order, 22 FCC Rcd. 22,151 (2007) ("*Intelsat-Serafina Order*"); *Intelsat Application for Pro Forma Transfer of Control*, IBFS File Nos. SAT-T/C-20110810-00160, SAT-T/C-20110811-00161, SES-T/C-20110811-00948, SES-T/C-20110812-00963 (granted Oct. 13, 2011), and 0004825139 (granted Oct. 19, 2011) ("*Intelsat Pro Forma*"). On May 16, 2012, the International Bureau granted an application to transfer control of Intelsat pursuant to a public offering of newly issued voting shares by Intelsat, subsequent voting share sales by current shareholders and possible private placements of newly issued voting shares. *In the Matter of Intelsat Global Holdings, S.A., Applications to Transfer Control of Intelsat Licenses and Authorizations from BC Partners Holdings Limited to Public Ownership*, Order, DA 12-768 (rel. May 16, 2012). This change of control has not yet been fully consummated.