

KA258 SES-STA-20130118-00068 IB2013000156
Intelsat License LLC

Amazonas - 3
2/13/13

Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for STA for Hagerstown, Maryland Earth Station KA258

1. 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		



File# SES-STA-20130118-00068

Call Sign KA258 Grant Date 02/06/2013
(or other identifier)

Term Dates
From 02/06/2013 To: 03/07/2013

Approved: Paul E. Blau

"with conditions"

Applicant: Intelsat Licensing LLC
Call Sign: KA258
File No.: SES-STA-20130118-00068

Intelsat Licensing LLC (Intelsat) is granted special temporary authority, for 30 days from February 6, 2013, to operate its Hagerstown, Maryland Ku-band earth station, call sign KA258, to provide launch and early orbit phase (LEOP) services for the Amazonas-3 satellite, a Brazilian-licensed satellite, to be in orbit tested at the 67.5° W.L. orbital location and drifted to the 61.0 W.L. orbital location. on the following center frequencies: 14.0015 GHz and 14.4940 GHz (Earth-to-space) and 11.70025 GHz and 12.1995 GHz (space-to-Earth), under the following conditions:

1. Intelsat, shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.
2. In the event that there is a report of interference, Intelsat must immediately terminate transmissions and notify the FCC in writing.
3. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat applications.
4. The LEOP operations must be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path. All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs. Currently the 24x7 contact information for the Amazonas 3 LEOP mission is as follows: Harry Burnham or Kevin Bell who can be reached at the following telephone numbers: (202) 944-7701 and/or station number: (310) 525-5900.
5. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat's risk.
6. 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.


30 days "With Conditions"

File # SES-STA-20130118-00068

Call Sign KA258 Grant Date 02/06/2013
(or other identifier)

Term Dates
From 02/06/2013 To: 03/07/2013

Approved: Maule Ray



GRANTED
International Bureau

2. Contact	
Name: Susan H. Crandall	Phone Number: 202-944-7848
Company: Intelsat Corporation	Fax Number: 202-944-7870
Street: 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
(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)	
3. Reference File Number or Submission ID	
4a. 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 type="radio"/> Other (please explain):	
4b. Fee Classification CGX – Fixed Satellite Transmit/Receive Earth Station	
5. Type Request	
<input type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> Other	
6. Requested Use Prior Date	
7. City Hagerstown	8. Latitude (dd mm ss.s h) 39 35 54.0 N

9. State MD	10. Longitude (dd mm ss.s h) 77 45 33.0 W
11. Please supply any need attachments. Attachment 1: STA Request Attachment 2: Exhibit A Attachment 3:	
12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">Intelsat License LLC herein requests a grant of Special Temporary Authority for 30 days commencing February 6, 2013 to use its Hagerstown, Maryland Ku-band earth station, call sign KA258, to provide launch and early orbit phase services for the Amazonas-3 satellite that is scheduled to be launched on February 6, 2013. The LEOP period is expected to last</div>	
13. 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. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing Susan H. Crandall	15. Title of Person Signing Asst. 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).	

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12. Description

Intelsat License LLC herein requests a grant of Special Temporary Authority for 30 days commencing February 6, 2013 to use its Hagerstown, Maryland Ku-band earth station, call sign KA258, to provide launch and early orbit phase services for the Amazonas-3 satellite that is scheduled to be launched on February 6, 2013. The LEOP period is expected to last approximately 12 days.

Exhibit A

SECTIONS 25.137 AND 25.114

The legal and technical qualifications of the Amazonas-3 satellite are currently pending before the Commission and are included herein by reference. Specifically, the legal information requested in Section 25.137 and the technical information requested in Section 25.114, including the Schedule S information, for the Amazonas-3 satellite can be found in the pending request to add the satellite to the Permitted Space Station List. *See Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00912, File No. SAT-PPL-20121018-00183 (Nov. 23, 2012) (Public Notice).

To the extent necessary, however, Intelsat respectfully requests a waiver of the need to provide additional technical information under Section 25.114 of the Commission's rules for its proposed LEOP service.¹ The Commission may grant a waiver for good cause shown.² The Commission typically grants a waiver where the particular facts make strict compliance inconsistent with the public interest.³ In granting a waiver, the Commission may take into account considerations of hardship, equity, or more effective implementation of overall policy on an individual basis.⁴ Waiver is therefore appropriate if special circumstances warrant a deviation from the general rule, and such a deviation will serve the public interest.

In this case, good cause exists for a waiver of Section 25.114. Intelsat has provided in this STA request the technical information that is relevant to the LEOP services for which Intelsat seeks authorization. The remainder of the information sought by Section 25.114 is not required to determine potential harmful interference because Intelsat will perform the LEOP services on a non-interference basis. Moreover the provision of LEOP services will occur while the satellite is in the LEOP path and will be coordinated with all potentially affected operators. In the special circumstance of LEOP services, waiver of the need to provide additional technical information under Section 25.114 serves the public interest.

¹ 47 C.F.R. § 25.114.

² 47 C.F.R. §1.3.

³ *N.E. Cellular Tel. Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990) (“*Northeast Cellular*”).

⁴ *WAIT Radio v. FCC*, 418 F.2d 1153, 1159 (D.C. Cir. 1969); *Northeast Cellular*, 897 F.2d at 1166.

January 18, 2013

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554



Re: Request for Special Temporary Authority
Hagerstown, Maryland Earth Station KA258

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days commencing February 6, 2013 to use its Hagerstown, Maryland Ku-band earth station -- call sign KA258 -- to provide launch and early orbit phase (“LEOP”) services for the Amazonas-3 satellite that is scheduled to be launched on February 6, 2013.² The LEOP period is expected to last approximately 12 days.³

The Amazonas-3 LEOP operations will be performed in the following frequency bands:

Uplink: 14001.5 MHz and 14494.0 MHz (CP);
Downlink: 11700.25 MHz and 12199.5 MHz (CP).

The uplink EIRP for transmissions in the 14001.5 MHz and 14494.0 MHz frequencies is not expected to exceed 88 dBW. The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path. As such, there would be no risk of interference with respect to lawfully operating, co-frequency radiocommunication facilities. Nevertheless, all operators of satellites in that path will be provided with an

¹ Intelsat has filed its STA request, an FCC Form 159, a \$180.00 filing fee and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² Hispamar Satélites, S.A., the operator of Amazonas-3, has a pending Petition for Declaratory Ruling to add the satellite to the FCC’s C-, Ku-, and Ka-band Permitted Space Station Lists. See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00912, File No. SAT-PPL-20121018-00183 (Nov. 23, 2012) (Public Notice). The permanent orbital location for Amazonas-3 will be 61.0° W.L. The satellite will be in-orbit tested at 67.5° W.L.

³ Intelsat is seeking authority for 30 days to accommodate a possible delay in the launch schedule.

Ms. Marlene H. Dortch
January 18, 2013
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emergency phone number where the licensee can be reached in the event that harmful interference occurs.

The 24x7 contact information for the Amazonas-3 LEOP mission is as follows:

Ph.: (202) 944-7701 – East Coast Operations Center (primary)
(310) 525-5900 – West Coast Operations Center (back-up)

Request to speak with Harry Burnham or Kevin Bell.

In addition, Intelsat attaches Exhibits A, which contains a waiver request. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Grant of this STA request will allow Intelsat to help launch the Amazonas-3 satellite. This, in turn, will help bring additional capacity to its permanent orbital location of 61.0° W.L. and thus serves the public interest. Please direct any questions regarding this STA request to the undersigned at (202) 944-7848.

Respectfully submitted,



Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Paul Blais