

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for Special Temporary Authority to Conduct TT&C, Call Sign E120051

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		

With Conditions



File# SES-STA-20120720-00681

Call Sign E120051 Grant Date 08/16/2012
(or other identifier)

Term Dates
From 08/25/2012 To: 09/24/2012

Approved: *Paul E. Hines*

Applicant: Intelsat License LLC
Call Sign: E120051
File No.: SES-STA-20120720-00681
Special Temporary Authority (STA)

Intelsat License LLC is granted STA to operate its earth station Call Sign E120051 in Hagerstown, Maryland for 30-day period from August 25, 2012 through September 24, 2012 with the following conditions:

- 1) Provide launch and early orbit phase ("LEOP") services for the Intelsat 21 satellite.
- 2) The Intelsat 21 TT&C operations will be performed on uplink frequencies 13994.5 MHz (H) and 13750.5 MHz (LHCP) and on downlink frequencies 11451.25 MHz, 11451.75 MHz, 11453.25 MHz, and 11453.75 MHz (LHCP/V).
- 3) Intelsat will coordinate the proposed TT&C operations at the In-Orbit Test location 51.3° W.L. with operators of co-frequency satellites within six degrees. During the drift from 51.3° W.L. to the satellite's permanent orbital location 58.0° W.L., Intelsat will coordinate with operators of co-frequency satellites in the drift path.
- 4) Operations in the uplink frequencies 13750.5 MHz and 13994.5 MHz and downlink frequencies 11451.25 MHz, 11451.75 MHz, 11453.25 MHz, and 11453.75 MHz will be within the coordinated parameters of the antenna's current license.
- 5) Operations, 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.
- 6) Operations shall comply with applicable conditions of grant of SAT-STA-20120711-00114.
- 7) Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.
- 8) Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat License LLC's risk.

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.



File # SES-STA-20120720-00681
Call Sign E120051 Grant Date 08/16/2012
From 08/25/2012 To 09/24/2012
Approved: *Paul E. Hove*



July 20, 2012

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 E120051

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days, commencing August 25, 2012, to use its Hagerstown, Maryland Ku-band earth station -- call sign E120051 -- to provide telemetry, tracking and command (“TT&C”) services for the Intelsat 21 satellite at 51.3° W.L. while the satellite undergoes in-orbit testing, as well as during the satellite’s drift to its permanent location of 58.0° W.L. Intelsat 21 currently is expected to be launched on or about August 16, 2012.

Upon launch and subject to receipt of FCC approval, Intelsat 21 will be located temporarily at 51.3° W.L. for in-orbit testing.² The satellite’s permanent location ultimately will be 58.0° W.L.³ The Intelsat 21 TT&C operations will be performed in the following frequency bands: 13994.5 MHz (H) and 13750.5 MHz (LHCP) in the uplink and 11451.25 MHz, 11451.75 MHz, 11453.25 MHz, and 11453.75 MHz (LHCP/V) in the downlink.

Intelsat will coordinate the proposed TT&C operations at 51.3° W.L. with operators of co-frequency satellites within six degrees.⁴ During the drift from 51.3° W.L. to 58.0° W.L., Intelsat will coordinate with operators of co-frequency satellites in the drift path.

Operations in the 11451.25 MHz, 11451.75 MHz, 11453.25 MHz, and 11453.75 MHz frequencies in the downlink, and the 13750.5

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 See *Intelsat License LLC Request for Special Temporary Authority*, File No. SAT-STA-20120711-00114 (filed July 11, 2012).

³ See *Policy Branch Information: Actions Taken*, Report No. SAT-00882, File No. SAT-RPL-20120326-00061 (July 13, 2012) (Public Notice).

⁴ See *supra* n. 2.

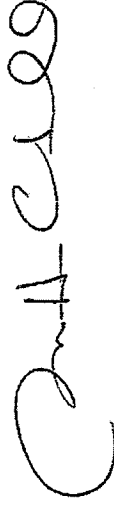
Ms. Marlene H. Dortch
July 20, 2012
Page 2

MHz and 13994.5 MHz frequencies in the uplink, will be within the coordinated parameters of the antenna's license. As such, the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility. 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.

The provision of TT&C services to the Intelsat 21 satellite at 51.3° W.L. and during the satellite's drift to 58.0° W.L. is critical to ensure the safe station-keeping of the satellite while it undergoes in-orbit testing and moves to its permanent location. This, in turn, will help ensure service continuity at the 58.0° W.L. location, and thereby promotes 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

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 54.7 N

9. State MD	10. Longitude (dd mm ss.s h) 77 45 21.9 W
11. Please supply any need attachments. Attachment 1: STA Request Attachment 2: 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 August 25, 2012, to use its Hagerstown, Maryland Ku-band earth station, call sign E120051, to provide telemetry, tracking and command services for the Intelsat 21 satellite at 51.3 W.L. while the satellite undergoes in-orbit testing, as well as during</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).	

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

The public reporting for this collection of information is estimated to average 2 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.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

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.

12. Description

Intelsat License LLC herein requests a grant of Special Temporary Authority for 30 days, commencing August 25, 2012, to use its Hagerstown, Maryland Ku-band earth station, call sign E120051, to provide telemetry, tracking and command services for the Intelsat 21 satellite at 51.3 W.L. while the satellite undergoes in-orbit testing, as well as during the drift of the satellite to its permanent location of 58.0 W.L.