

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 Prior Use STA for Pending MountainSide, MD Earth Station E100118

1. Applicant

Name:	Intelsat North America 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-20101213-01547  
Call Sign E100118 Grant Date 01/10/2011  
(or other identifier) Term Dates  
From 01/10/2011 To 03/10/2011  
Approved: Paul E. Hwang

Attachment to Grant  
Special Temporary Authority

Intelsat North America, LLC  
FCC IBFS File No. SES-STA-20101213-01547  
Call Sign E100118

January 10, 2011

The Special Temporary Authority (STA) is granted for 60 days from January 10, 2011 through March 10, 2011 with the following operating conditions:

1. No harmful interference can be caused to any lawfully operating satellite network or radio communication system and requested STA operations must cease immediately upon notification of harmful interference. Further, Intelsat North America, LLC shall notify the Commission in writing that it has received such a notification within 14 days of receipt.
2. Use of the 3625-3700 MHz frequency band shall comply with the terms of footnotes US245 and NG185 to the Table of Frequency Allocations, 47 C.F.R. § 2.106, US245, NG185, and Section 2.108 of the Commission's rules, 47 C.F.R. § 2.108, which limit the use of these frequencies to international, intercontinental satellite systems, subject to case-by-case electromagnetic compatibility analysis with all users of the band.
3. 1) This earth station is authorized to receive in the frequency band 3650-3700 MHz on a secondary non-protected basis (see U.S. Table of Frequency Allocations footnote NG169) and must accept any interference caused by the operation of any service that has primary status within the band.  
  
2) In accordance with US245, the applicant is aware of the potential allocation and electromagnetic compatibility issues in 5850-5925 MHz band, and agrees to accept this potential for unacceptable interference in accordance with footnote G2 and these fixed-satellite service operations are limited to international inter-continental satellite systems (S818)§ IDKT: J0611738
4. In the 3625 - 3700 MHz band, this authorization shall be consistent with the Report and Order and MO&O in ET Docket No. 04-151 and WT Docket 05-96 as well as footnote NG169 to the table of allocations. All new earth station operations in the 3625 - 3700 MHz band after December 8, 2000 shall be on a secondary basis.
5. The grant of this STA does not prejudice action on any related applications to permanently authorize this earth station.

*with conditions*



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Call Sign E100118 Grant Date 01/10/2011  
(or other identifier)

Term Dates  
From 01/10/2011 To: 03/10/2011

Approved: Paul E. Hadd

December 13, 2010

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



Re: Request for Special Temporary Authority  
Hagerstown, Maryland C-band Earth Station E100118

Dear Ms. Dortch:

Intelsat North America LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA")<sup>1</sup> for 60 days, from January 10, 2011 through March 10, 2011, to utilize its new Hagerstown, Maryland C-band earth station prior to grant of permanent operating authority. The antenna will communicate in the frequency bands 3625-4200 MHz and 5850-6425 MHz. Intelsat has a pending application for authority to use this antenna to transmit in these frequencies on a permanent basis.<sup>2</sup>

Antenna E100118 is the first of several antennas that Intelsat is placing at its Hagerstown, Maryland teleport that will replace antennas currently in use at the company's Clarksburg teleport. Intelsat will, over the next 24 months commencing January 2011, be relocating its Clarksburg teleport operations to Hagerstown because it will be losing its lease for the Clarksburg teleport property in 2013. Intelsat wishes to begin testing the E100118 antenna in January to ensure that existing customer services can be transferred to it from Clarksburg according to the relocation schedule.

In support of this request, Intelsat incorporates by reference its pending application for authority to use this antenna to transmit in these frequencies on a permanent basis.<sup>3</sup> The application contains detailed technical information (in Exhibits B-D) that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating facility. In the extremely unlikely event that harmful interference should occur, Intelsat will take all reasonable steps to eliminate the interference.

<sup>1</sup> Intelsat has filed this STA request, an FCC Form 159, a \$175.00 filing fee and this supporting letter electronically via the International Bureau's Filing System ("IBFS").

<sup>2</sup> See *Satellite Communications Services; Satellite Radio Applications Accepted for Filing*, Report No. SES-01291, File No. SES-LIC-20101029-01368 (Nov. 3, 2010) (Public Notice).

<sup>3</sup> See *id.*

Ms. Marlene H. Dortch  
December 13, 2010  
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Grant of this STA request will enable Intelsat to begin earth station transition operations in accordance with the schedule that has been communicated to customers, thereby serving the public interest. Intelsat respectfully requests expeditious treatment of this request.

Please direct any questions regarding this STA request to the undersigned at (202) 944-7848.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Susan H. Crandall". The signature is fluid and cursive, with a large initial "S" and "C".

Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

cc: Paul Blais  
Jeanette Spriggs