

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for an Additional 30 days of Special Temporary Authority to Operate a 13.1m C-band Antenna at Hagerstown, Maryland
Teleport

1. Applicant

Name:	Intelsat License LLC	Phone Number:	703-559-7848
DBA Name:		Fax Number:	703-559-8539
Street:	c/o Intelsat US LLC 7900 Tysons One Place	E-Mail:	susan.crandall@intelsat.com
City:	McLean	State:	VA
Country:	USA	Zipcode:	22102 -5972
Attention:	Susan H. Crandall		

30 days "with conditions"



File # SES-STA-20200128-00088

Call Sign N/A Grant Date 02/28/2020
(or other identifier)

Term Dates
From: 02/28/2020 To: 03/28/2020

Approved: [Signature]

2. Contact	
Name: Cynthia J. Grady	Phone Number: 703-559-6949
Company: c/o Intelsat US LLC	Fax Number: 703-559-8539
Street: 7900 Tysons One Place	E-Mail: cynthia.grady@intelsat.com
City: McLean	State: VA
Country: USA	Zipcode: 22102 -5972
Attention:	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 54.81 N	

9. State MD	10. Longitude (dd mm ss.s h) 77 45 18.59 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.) Intelsat License LLC herein requests an additional 30 days of Special Temporary Authority previously granted to Intelsat to utilize a 13.1m C-band antenna located at its Hagerstown, Maryland teleport for antenna verification testing.	
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"; party to the application. Yes <input checked="" type="radio"/> No <input type="radio"/>	
14. Name of Person Signing Cynthia J. Grady	15. Title of Person Signing Senior Counsel, Intelsat US LLC
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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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.

Applicant: Intelsat License LLC
Call Sign: N/A
File No.: SES-STA-20200128-00088
Special Temporary Authority (STA)



File # SES-STA-20200128-00088 ^{with conditions}
Call Sign N/A Grant Date 02/28/2020
(or other identifier)
Term Dates
From: 02/28/2020 To: 03/28/2020
Approved: [Signature]

Intelsat License LLC ("Intelsat") is granted special temporary authority, for 30 days, beginning February 28, 2020 to operate 13.1 meter C-band antenna located in Hagerstown, Maryland to conduct antenna verification testing with Intelsat 29E (S2913) satellite at the 50 W orbital location in the 5850-6725 MHz (Earth-to-space) and 3400-4200 MHz (space-to-Earth) frequency bands under the following conditions.

1. All operations may not exceed off-axis eirp limits established in § 25.218.
2. All operations shall be on an unprotected and non-harmful interference basis, 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 and must inform the Commission, in writing, immediately of such an event.
3. The licensee shall, at all times, take all necessary measures to ensure that operation of this (these) authorized earth station(s) does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR §§ 1.1307(b) and 1.1310. Physical measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. Compliance can be accomplished in most cases by appropriate restrictions, such as fencing. Requirements for restrictions can be determined by predictions based on calculations, modeling, or by field measurements. The FCC's OET Bulletin 65 (available on-line at www.fcc.gov/oet/rfsafety) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.
4. All operators of satellites 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 Intelsat is Ph.: (703) 559-7701- East Coast Operations Center (primary)-(310)525-5591-West Coast Operations Center (back-up). Request to speak with Harry Burnham or Kevin Bell.
5. Grant of this authorization is without prejudice to any determination that the Commission may make on future Intelsat applications.
6. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat's risk.
7. Intelsat's operations during the period February 01, 2020 to the date of this grant were authorized pursuant to Section 1.62 of the Commission's rules 47 C.F.R. § 1.62.

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.



January 28, 2020

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

Re: Request for Further Extension of Special Temporary Authority to Operate a 13.1-meter C-band Antenna at IntelSat's Hagerstown, Maryland Teleport

Dear Ms. Dortch:

IntelSat License LLC ("IntelSat") herein requests an additional 30 days of Special Temporary Authority ("STA")¹ previously granted to IntelSat² to utilize a 13.1-meter C-band antenna located at its Hagerstown, Maryland teleport for antenna verification testing. Due to staffing constraints, IntelSat expects the testing to take at least an additional 30 days.

The communication services will continue to be performed in the 5850-6725 MHz (uplink) and 3400-4200 MHz (downlink) bands. Based on availability, IntelSat will be communicating with various IntelSat satellites for the testing.³

The 24x7 contact information for this testing is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)
(310) 525-5591 – West Coast Operations Center (back-up)

Request to speak with Harry Burnham or Kevin Bell.

¹ IntelSat has filed its STA request, an FCC Form 159, a \$210.00 filing fee, and this supporting letter electronically via the International Bureau's Filing System.

² See, e.g., *Satellite Communications Services Information; Actions Taken*, Report No. SES-02230, File No. SES-STA-20191209-01690 (Jan. 8, 2020) (Public Notice).

³ All operations will be in accordance with the relevant coordination agreements.

Ms. Marlene H. Dortch
January 28, 2020
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In further support of this request, Intelsat incorporates by reference Exhibits A and B of its original STA request,⁴ which contain technical information 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 terrestrial facility, as well as a radiation hazard analysis report. 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 further STA extension request will help ensure this antenna is operational prior to its use during a power upgrade at Intelsat's Hagerstown, Maryland teleport later this year, which in turn will ensure customer service during the upgrade. As such this request is in the public interest.

Please direct any questions regarding this request to the undersigned at (703) 559-6949.

Respectfully submitted,

/s/ Cynthia J. Grady

Cynthia J. Grady
Senior Counsel
Intelsat US LLC

cc: Paul Blais

⁴ See *Satellite Communications Services Information; Actions Taken*, Report No. SES-02201, File No. SES-STA-20190830-01134 (Sept. 18, 2019) (Public Notice).