

Intelsat License LLC

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:

30-Day STA Request to Operate New 23 cm Ku-Band Antenna

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		

"with conditions"

30 days

File # SES-STA-20200207-00143

**GRANTED**

International Bureau

Call Sign U/A Grant Date 02/24/2020
(or other identifier)

Term Dates

From: 02/14/2020 To: 03/24/2020Approved: [Signature]

2. Contact			
Name:	Cynthia J. Grady	Phone Number:	703-559-6949
Company:	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 checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> Other			
6. Requested Use Prior Date			
7. City		8. Latitude (dd mm ss.s h) 0 0 0.0	

9. State	10. Longitude (dd mm ss.s h) 0 0 0.0
11. Please supply any need attachments.	
Attachment 1: Exhibit A	Attachment 2: Narrative
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;"> <p>Intelsat License LLC requests Special Temporary Authority for 30 days to operate a new 23 cm Ku-band antenna with Galaxy 11 (S2253) to test the antenna. The antenna will be located in Melbourne, FL and Hagerstown, MD.</p> </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.	
<div style="display: flex; justify-content: space-around;"> Yes <input checked="" type="radio"/> No <input type="radio"/> </div>	
14. Name of Person Signing Cynthia J. Grady	15. Title of Person Signing Senior Counsel
<p>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).</p>	

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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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-20200207-00143
Special Temporary Authority (STA)



File # SES-STA-20200207-00143
Call Sign N/A Grant Date 02/24/2020
(or other identifier)
Term Dates
From: 02/24/2020 To: 03/24/2020
Approved: Paul E. Han

Intelsat License LLC ("Intelsat") is granted special temporary authority, for 30 days, beginning February 24, 2020 to operate a 23 cm Ku-band antenna located in Melbourne, FL, and Hagerstown, Maryland to conduct antenna verification testing with Galaxy 11 (S2253) satellite at the 44.9° E.L. orbital location in the 14000-14500 MHz (Earth-to-space) and 11700-12180 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.

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.

February 6, 2020

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

Re: Request for Special Temporary Authority to Operate a New 23 cm Ku-band Antenna

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests Special Temporary Authority ("STA")¹ for 30 days, commencing February 22, 2019, to temporarily operate a new 23 cm Ku-band antenna with Galaxy 11 (Call Sign S2253)² in order to test the antenna. The antenna will be tested in Melbourne, Florida and at Intelsat's Hagerstown, Maryland teleport. The proposed testing is expected to take approximately 30 days.

The test will be performed in the following frequency bands: 14000-14500 MHz in the uplink; and 11700-12180 MHz in the downlink. The antenna has a transmit gain of 30.4 dB at 14125 MHz and a receive gain of 28.9 dB at 11850 MHz. The total EIRP for all carriers will be 42 dBW.

The 24x7 contact information for the requested operations 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 this STA request, an FCC Form 159, and a \$210.00 filing fee electronically via the International Bureau's Filing System.

² See *Policy Branch Information; Actions Taken*, Report No. SAT-01383, File No. SAT-MOD-20181231-0009500233 (Apr. 19, 2019) (Public Notice).

Ms. Marlene Dortch
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In further support of this request, Intelsat attaches Exhibit A, two Radiation Hazard Reports. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its antenna, Intelsat will take all reasonable steps to eliminate the interference.

The proposed temporary operation of this new antenna will help provide new services to customers in the future. Accordingly, grant of this STA request is in the public interest.

Sincerely,

/s/ Cynthia J. Grady

Cynthia J. Grady
Senior Counsel
Intelsat US LLC

cc: Paul Blais