

E120008 SES-STA-20171113-01246  
Intelsat License LLC

IB2017003203

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 Using Paumalu, Hawaii Earth Station E120008 to Provide TT&C Services for Intelsat 1R

1. Applicant

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

**File #** SES-STA-20171113-01246  
**Call Sign** K120008 **Grant Date** 1-22-18  
(or other identifier)  
**Term Dates**  
**From:** 1-22-18 **To:** 7-24-18  
**Approved:** *[Signature]*



Applicant: Intelsat License LLC  
Call Sign: E120008  
File No.: SES-STA-20171113-01246



FILE # SES-STA-20171113-01246  
Call Sign E120008 Grant Date 1/22/18  
(or other identifier)  
Term Dates  
From: 1/22/18 To: 7/21/18  
Approved: [Signature]

Intelsat License LLC ("Intelsat") is granted special temporary authority (STA) for 180 days, beginning January 22, 2018, to operate its Paumalu, Hawaii earth station with Intelsat 1R (S2368) satellite to provide telemetry, tracking, and control ("TT&C") communications on center frequencies 14.4985 GHz (Earth-to-space) and 11.696 GHz, 11.697 GHz (space-to-Earth) during Intelsat 1R's drift from 169.2° E.L. to 157.1° E.L. orbital location subject to the following conditions:

1. Grant of this STA is without prejudice to any determination that the Commission may make regarding pending or future Intelsat applications.
2. All operations under this grant of STA shall be on an unprotected and noninterference basis and Intelsat is obliged to comply with the applicable laws, regulations, rules, and licensing procedures of that country.
3. Intelsat will maintain full operational control with Intelsat 1R (S2368) at all times.
4. Intelsat will maintain Intelsat 1R (S2368) with an east-west longitudinal station-keeping tolerance of +/-0.05 degree.
5. In the event of any harmful interference as a result of operations under this grant of STA, Intelsat shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
6. Intelsat must operate only the TT&C frequencies authorized for Intelsat 1R during the drift from the 169.2° E.L. to the 157.1° E.L. orbital location.
7. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat.
8. During drift operations, all transponders other than TT&C transponders will be turned off.
9. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat applications.
10. All operations must be within the relevant requested operational parameters in IBFS File No. SAT-STA-20170626-00100.
11. Operations during the period January 20, 2018 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 grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.

<b>2. Contact</b>			
<b>Name:</b>	Cynthia J. Grady	<b>Phone Number:</b>	703-559-6949
<b>Company:</b>	Intelsat Corporation	<b>Fax Number:</b>	703-559-8539
<b>Street:</b>	7900 Tysons One Place	<b>E-Mail:</b>	cynthia_grady@intelsat.com
<b>City:</b>	McLean	<b>State:</b>	VA
<b>Country:</b>	USA	<b>Zipcode:</b>	22102 -5972
<b>Attention:</b>		<b>Relationship:</b>	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/Paumalu			
8. Latitude (dd mm ss.s h) 21 40 17.8 N			

9. State HI	10. Longitude (dd mm ss.s h) 158 2 3.5 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 180 days, commencing upon grant, of Special Temporary Authority to use its Paumalu, Hawaii Ku-band earth station, call sign E120008, to provide telemetry, tracking, and command services for Intelsat 1R (S2368) on-station at 157.1 E.L. Intelsat intends to file a permanent modification application to add Intelsat 1R as a	
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 Cynthia J. Grady	15. Title of Person Signing Regulatory 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**

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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.**

November 13, 2017

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

Re: Request for Special Temporary Authority  
Paumalu, Hawaii Earth Station E120008

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests 180 days, commencing upon grant, of Special Temporary Authority (“STA”)<sup>1</sup> to use its Paumalu, Hawaii Ku-band earth station—call sign E120008—to provide telemetry, tracking, and command (“TT&C”) services for Intelsat 1R (S2368) on-station at 157.1° E.L.<sup>2</sup> Intelsat intends to file a permanent modification application to add Intelsat 1R as a point of communication in the near future.

TT&C operations will be performed in the following frequencies: 14498.5 MHz (Earth-to-space); and 11696 MHz and 11697 MHz (space-to-Earth). The proposed TT&C operations at 157.1° E.L. will be consistent with Intelsat’s coordination agreements for the nominal 157° E.L. orbital location. In the unlikely event that harmful interference occurs, Intelsat will take all necessary steps to eliminate the interference.

Grant of this STA request will allow Intelsat to continue to safely station-keep the satellite at its new location.<sup>3</sup> This, in turn, will help Intelsat provide service at the 157.1° E.L. orbital location and thereby promotes the public interest.

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$200.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

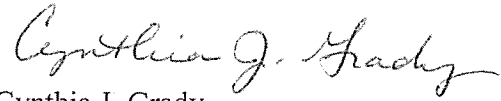
<sup>2</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-01263, File No. SAT-STA-20170626-00100 (Aug. 25, 2017) (Public Notice).

<sup>3</sup> Intelsat is currently providing TT&C services with this antenna to Intelsat 1R at 157.1° E.L. pursuant to a 30-day STA. See *Policy Branch Information; Actions Taken*, Report No. SES-02007, File No. SES-STA-20171025-01205 (Nov. 8, 2017) (Public Notice).

Ms. Marlene H. Dortch  
November 13, 2017  
Page 2

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

Respectfully submitted,

A handwritten signature in cursive script that reads "Cynthia J. Grady".

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais