


APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for Extension of STA Using Paumalu, Hawaii Earth Station E120008 to Provide TT&C Services for Intelsat 1R

1. Applicant

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

File # SES-STA-20171025-01205
Call Sign 8008 **Grant Date** 11-3-17
(or other identifier)
Term Dates
From: 11-2-17 **To:** 12-2-17
Approved: *[Signature]*



GRANTED
International Bureau

Applicant: Intelsat License LLC
Call Sign: E120008
File No.: SES-STA-20171025-01205



File # SES-STA-20171025-01205
E120008
Call Sign E120008 Grant Date 11-3-17
(or other identifier)
Term Dates
From: 11-2-17 To: 12-2-17
Approved: Paul E. Blay

Intelsat License LLC ("Intelsat") is granted special temporary authority (STA) for 30 days, beginning November 2, 2017, 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 IBF5 File No. SAT-STA-20170626-00100.

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.

2. Contact			
Name:	Cynthia J. Grady	Phone Number:	703-559-6949
Company:	Intelsat Corporation	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/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 an additional 30 days of Special Temporary Authority previously granted Intelsat to use its Paumalu, Hawaii Ku-band earth station, call sign E120008, to provide telemetry, tracking, and command services for Intelsat 1R (S2368) during its drift from 169.2 W.L. to 157.1 E.L. and on-station at 157.1 E.L.	
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).	

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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.



INTELSAT

Envision. Connect. Transform.

October 25, 2017

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

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

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days of Special Temporary Authority (“STA”)¹ previously granted Intelsat 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) during its drift from 169.2° W.L. to 157.1° E.L. and on-station at 157.1° E.L.² Intelsat 1R began drifting September 22, 2017 -- utilizing a non-U.S. TT&C antenna -- and the drift will take approximately six weeks.³

TT&C operations will continue to be performed in the following frequencies: 14498.5 MHz (Earth-to-space); and 11696 MHz and 11697 MHz (space-to-Earth). The drift operations will be coordinated with all operators of satellites that use the same frequency bands and are in the drift path.⁴ All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

The 24x7 contact information 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 \$200.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01996, File No. SES-STA-20170926-01060 (Oct. 4, 2017) (Public Notice).

³ See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01263, File No. SAT-STA-20170626-00100 (Aug. 25, 2017) (Public).

⁴ Intelsat will handle the coordination.

Ms. Marlene H. Dortch
October 25, 2017
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The Intelsat 1R 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 extension request will allow Intelsat to continue drifting the Intelsat 1R satellite to, and safely station-keep the satellite, at its new location. This, in turn, will help Intelsat meet a potential service demand at the 157.1° E.L. orbital location and thereby promotes the public interest.

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

Respectfully submitted,

/s/ Cynthia J. Grady

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais