

S2229 SAT-STA-20141222-00136 IB2014002486
Intelsat License LLC
Intelsat 7



File # SAT-STA-20141222-00136

Call Sign S2229 Grant Date 01/08/15

(or other identifier)

Term Dates period of
From 12/29/14 To: 30 days

Approved by OMB
3060-0678

Date & Time Filed: Dec 22 2014 3:40:43:430PM
File Number: SAT-STA-20141222-00136
Callsign:

Approved: Stephen J. Duall

Stephen J. Duall
Chief, Satellite Policy Branch

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY
FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
Request for Extension of Temporary Authority to Drift Intelsat 7 and Operate TT&C Frequencies at 18.2 W.L., Call Sign S2229

1. Applicant

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

Attachment to Grant
IBFS File No. SAT-STA-20141222-00136
Call Sign S2229

The application of Intelsat License LLC (Intelsat), IBFS File No. SAT-STA-20141222-00136, for special temporary authority for the Intelsat 7 space station (Call Sign S2229), is GRANTED.¹ Accordingly, Intelsat is authorized for a period of 30 days, commencing December 29, 2014, to continue operate the Intelsat 7 space station's telemetry, tracking, and command (TT&C) operations necessary to maintain Intelsat 7 at the 18.2° W.L. orbital location using the following center frequencies: 11451 MHz and 11453 MHz (space-to-Earth); and 13998 MHz (Earth-to-space). Operations under this authorization must be in accordance with the terms, conditions, and technical specifications set forth in Intelsat's application and the rules of the Federal Communications Commission, and are subject to the following conditions:

1. All operations under this grant of special temporary authority must be on an unprotected and non-harmful interference basis, i.e., Intelsat must not cause harmful interference to, and must not claim protection from interference caused to it by, any other lawfully operating radiocommunication system.

2. In the event of any harmful interference as a result of the operations under this grant of special temporary authority, Intelsat must cease operations immediately upon notification of such interference and must immediately inform the Commission, in writing, of such an event.

3. Intelsat must coordinate the operations of Intelsat 7 with existing geostationary space stations to ensure that no unacceptable interference results from its operations during drift to the 18.2° W.L. orbital location.

4. This action is without prejudice to any decision regarding Intelsat's replacement expectancy to operate a space station in the 6675-6725 MHz and 3400-3700 MHz frequency bands at the 68.5° E.L. orbital location.²

5. Intelsat is afforded 30 days from the date of release of this grant and authorization to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.


6. 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. Petitions for reconsideration under Section 1.106 of the Commission's rules or applications for reconsideration under Section 1.115 of the

¹ See *Policy Branch Information: Action Taken*, Report No. SAT-00222, IBFS File No. SAT-MOD-20040405-00078 (June 15, 2004) (Public Notice). At the time of its launch, Intelsat 7 was named PAS-7 for commercial purposes, but PAS-21 for FCC filings. In 2007, Intelsat filed a letter notifying the Commission that it had renamed PAS-7/PAS-21 (Call Sign 2229) as Intelsat 7. See Letter from Susan Crandall, Assistant General Counsel, Intelsat Corp., to Marlene H. Dortch, Secretary, FCC, filed Jan. 8, 2007, available in IBFS File No. SAT-MOD-20060228-00017.

² Intelsat is authorized to operate Intelsat 20 at 68.5° E.L. See IBFS File No. SAT-LOA-20111024-00208 (grant stamp July 26, 2012). Intelsat 20 will not use the 6675-6725 MHz, 3400-3700 MHz, and 12.25-12.5 GHz frequency bands that were being used by Intelsat 10 and Intelsat 7 at 68.5° E.L. *Id.* at grant stamp condition #20. Intelsat 10 is no longer located at 68.5° E.L. See Letter from Susan Crandall, Assistant General Counsel, Intelsat Corp., to Marlene H. Dortch, Secretary, FCC, filed Oct. 24, 2012, available in IBFS File No. SAT-STA-20120925-00155.

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Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be filed within 30 days of the public notice indicating that this action was taken.

 GRANTED * International Bureau *with conditions	File # <u>SAT-STA-20141222-00136</u>
	Call Sign <u>S2229</u> Grant Date <u>01/05/15</u> (or other identifier)
	Term Dates period of From <u>12/29/14</u> To: <u>30 days</u>
	Approved: <u><i>Stephen J. Duall</i></u> Stephen J. Duall Chief, Satellite Policy Branch

2. Contact

Name:	Susan H. Crandall	Phone Number:	703-559-7848
Company:	Intelsat Corporation	Fax Number:	703-559-8539
Street:	7900 Tysons One Place	E-Mail:	susan.crandall@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?

- If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).
- Governmental Entity Noncommercial educational licensee
- Other (please explain):

4b. Fee Classification CRY - Space Station (Geostationary)

5. Type Request

- Change Station Location Extend Expiration Date Other

6. Temporary Orbit Location

7. Requested Extended Expiration Date

8. 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, commencing December 29, 2014, of the Special Temporary Authority previously granted Intelsat to drift Intelsat 7 (call sign S2229) from 68.65 E.L. to 18.2 W.L. and operate the TT&C frequencies of the satellite at 18.2 W.L.

9. 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. Yes No

10. Name of Person Signing
Cynthia J. Grady

11. Title of Person Signing
Regulatory Counsel, Intelsat Corporation

12. Please supply any need attachments.

Attachment 1: STA Request

Attachment 2:

Attachment 3:

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.



December 22, 2014

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

Re: Request for Extension of Special Temporary Authority to Drift Intelsat 7 and Operate TT&C Frequencies at 18.2° W.L.
Call Sign S2229

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 30 days, commencing December 29, 2014, of the Special Temporary Authority ("STA")¹ previously granted Intelsat to drift Intelsat 7 (call sign S2229) from 68.65° E.L. to 18.2° W.L. and operate the satellite's TT&C frequencies at 18.2° W.L.² Intelsat 7 arrived on-station on December 3, 2014 and is temporarily collocated with the Intelsat 901 satellite, which currently operates at the 18.0° W.L. orbital location.³ Intelsat has a pending STA to operate Intelsat 7's TT&C and communications frequencies at 18.2° W.L.⁴

On-station, Intelsat will continue to utilize the satellite's TT&C frequencies in conformance with its coordination agreements related to that location or on a non-interference, non-protected basis. The specific TT&C frequencies are 13998 MHz (RHCP) in the uplink and 11451 MHz (H and LHCP) and 11453 MHz (V and LHCP) in the downlink.

Grant of this STA extension request will not result in increased risk of harmful interference. Should any interference occur, Intelsat will take all reasonable steps to eliminate such interference. Additionally,

¹ Intelsat has filed this STA request, an FCC Form 159 and a \$920.00 filing fee electronically via the International Bureau's Filing System.

² See *Policy Branch Information; Actions Taken*, Report No. SAT-01025, File No. SAT-STA-20140421-00039 (June 27, 2014) (Public Notice).

³ See *The Applications of Intelsat LLC For Authority to Operate, and to Further Construct, Launch, and Operate C-band and Ku-band Satellites that Form a Global Communications System in Geostationary Orbit*, 15 FCC Red 15460, File Nos: SAT-A/O-20000119-00002 to SAT-A/O-20000119-00018; SAT-AMD-20000119-00029 to SAT-AMD-20000119-00041; and SAT-LOA-20000119-00019 to SAT-LOA-20000119-00028 (2000).

⁴ See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-01053, File No. SAT-STA-20141022-00112 (Nov. 14, 2014) (Public Notice).

Ms. Marlene Dortch
December 22, 2014
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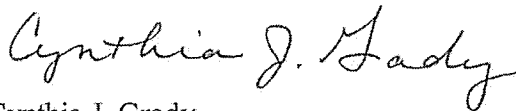
Intelsat agrees to operate Intelsat 7 at 18.2° W.L. in accordance with the frequency-related conditions in the Commission's 2004 order granting authority for the Intelsat 7 satellite to operate at 68.5° E.L.⁵

Intelsat has assessed and limited the probability of the space station becoming a source of debris as a result of collision with large debris or other operational space stations. Intelsat 7 will not be located in an orbital location that has an overlapping station-keeping volume with another satellite.⁶ Further, Intelsat is not aware of any other FCC licensed system, or any other system applied for and under consideration by the FCC, having an overlapping station-keeping volume with Intelsat 7 at 18.2° W.L. Finally, Intelsat is not aware of any system with an overlapping station-keeping volume with Intelsat 7 at 18.2° W.L. that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

Grant of this STA extension request will allow Intelsat to continue providing TT&C services to the Intelsat 7 satellite at 18.2° W.L., which ensures safe station-keeping of the satellite.

For the reasons set forth herein, Intelsat respectfully requests that the Commission expeditiously grant this request.

Sincerely,



Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Stephen Duall
Jay Whaley
Cindy Spiers

⁵ See *PanAmSat Licensee Corp. Application for Authority to Launch and Operate a Hybrid Communications Satellite Known at 68.5° E.L.*, Order and Authorization, 19 FCC Rcd 6137, File Nos. SAT-LOA-19960202-00017, SAT-AMD-19960411-0055, SAT-AMD-19971119-00187, SAT-AMD-19991217-00129, and SAT-STA-20001115-00162 (2004). Intelsat 7's location subsequently was changed to 68.65° E.L. See *supra* n.3.

⁶ At the nominal 18.0° W.L. orbital location, Intelsat 7 will be collocated with the Intelsat 901 satellite. Intelsat 7 and Intelsat 901 will operate in separate station keeping boxes, and Intelsat will coordinate their operations internally.