

File # SAT-STA-20200715-00087

Call Sign 53016 Grant Date September 17 2020

Approved by OMB
3060-0678

Term Dates
From September 9, 2020 To: 180 Days

Approved: J. William Wynn
John W. Winkler
Acting Chief
Satellite Policy Branch



** with conditions*

Date & Time Filed: Jul 15 2020 5:30:05:063PM
File Number: SAT-STA-20200715-00087
Callsign:

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

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APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
Request for 180 days of Special Temporary Authority to conduct IOT of Galaxy 30 (S3016) at 84.55 E.L. and drift to 125.0 W.L.

1. Applicant

Name:	Intelsat License LLC, as debtor- in-possession	Phone Number:	703-559-7848
DBA Name:		Fax Number:	703-559-8539
Street:	7900 Tysons One Place	E-Mail:	susan.crandall@intelsat.com
City:	McLean	State:	VA
Country:	USA	Zipcode:	22101 -5972
Attention:	Susan H. Crandall		

ATTACHMENT TO GRANT
 Intelsat License LLC
 IBFS File No. SAT-STA-20200715-00087

IBFS File No(s):	SAT-STA-20200715-00087	<p>GRANTED – With Conditions</p>  <p>International Bureau Satellite Division</p>
Licensee/Grantee:	Intelsat License LLC, as debtor-in-possession	
Call Sign:	S3016	
Satellite Name:	Galaxy 30	
Orbital Location: (required station-keeping tolerance)	84.55° E.L. (+/-0.05 degrees east/west)	
Administration:	United States of America	
Nature of Service:	In-Orbit Testing (IOT); Telemetry, Tracking and Command (TT&C)	
Scope of Grant:	Special temporary authority for a period of 180 days to perform IOT for Galaxy 30 at the 84.55° E.L. orbital location, to perform TT&C operations necessary to maintain Galaxy 30 at 84.55° E.L. and to drift Galaxy 30 to its authorized orbital location at 125.0° W.L. upon completion of IOT.	
Service Area(s):	Not Applicable.	
Frequencies:	Payload testing frequencies: 3700–4200 MHz (space-to-Earth) 5925-6425 MHz (Earth-to-space) 10.7-11.7 GHz (space-to-Earth) 17.8-18.8 GHz (space-to-Earth) 12.75-13.25 GHz (Earth-to-space) 13.75-14.5 GHz (Earth-to-space) 19.2-20.2 GHz (space-to-Earth) 27.6-28.6 GHz (Earth-to-space) 29.0-30.0 GHz (Earth-to-space) TT&C frequencies: 4197.5 MHz and 4198.5 MHz (space-to-Earth); and 6421.75 MHz, 6424.25 MHz (Earth-to-space).	
<p>Operations under this grant must comport with the legal and technical specifications set forth by the applicant or petitioner and with Federal Communication Commission’s rules not waived herein. This grant is also subject to the following conditions:</p> <ol style="list-style-type: none"> 1. All operations under this grant of special temporary authority must be on an unprotected and non-harmful interference basis, <i>i.e.</i>, Intelsat must not cause harmful interference to, and must not claim protection from interference caused to it by, any other lawfully operating station. 2. In the event of any harmful interference under this grant of special temporary authority, Intelsat must cease operations immediately upon notification of such interference and must inform the Commission, in writing, immediately of such an event. 3. Intelsat must coordinate the operations of Galaxy 30 with existing geostationary space stations to ensure that no unacceptable interference results from its operations at the 84.55° E.L. orbital location or during drift from the 84.55° E.L. orbital location to the 125.0° W.L. orbital location. 4. Galaxy 30’s operations at the 84.55° E.L. orbital location must be limited to IOT and must not include the provision of commercial services. 5. Intelsat must operate only the TT&C frequencies on Galaxy 30 during the space station's drift from the 84.55° E.L. orbital location to the 125.0° W.L. orbital location. 		

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6. During IOT, Intelsat must maintain the Galaxy 30 space station within an east-west longitudinal station-keeping tolerance of ± 0.05 degrees of the 84.55° E.L. orbital location.

7. IOT operations for Galaxy 30 must comply with the conditions imposed in IBFS File Nos. SAT-LOA-20170524-00079; SAT-AMD-20180410-00026.¹


Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as conditioned. Failure to respond within this period will constitute formal acceptance of the grant as conditioned.

This action is taken pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.

Station licenses are subject to the conditions specified in Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. § 309(h).

Action Date:	September 17, 2020	
Term Dates	From: September 9, 2020	To: period of 180 days

Approved:



John W. Whaley
Acting Chief, Satellite Policy Branch

¹ See Authority to Construct, Deploy, and Operate a C-, Ku-, and Ka-band Geostationary Orbit (GSO) Space Station, including Operations in Wide Area Augmentation System (WAAS) Frequencies., IBFS File Nos. SAT-LOA-20170524-00079; SAT-AMD-20180410-00026 (Grant stamp, Nov. 14, 2018).

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?

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
84.55 E.L.

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 herein requests a grant of Special Temporary Authority for 180 days, commencing upon grant, to conduct in-orbit testing of the Galaxy 30 satellite at 84.55 E.L. and to drift the satellite to its permanent location of 125.0 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
Senior Counsel, Intelsat US LLC

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).

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