



January 28, 2019

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



*with conditions

File # SAT-STA-20190128-00003
Call Sign S2960 Grant Date 01/31/19
(or other identifier)
Term Dates period of
From 02/06/19 To: 30 days
Approved: _____

Stephen J. Duall
Chief, Satellite Policy Branch

Re: Request for Extension of Special Temporary Authority to Drift JCSAT-RA to, and Operate at, 168.9° E.L. Call Sign: S2960

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days of Special Temporary Authority (“STA”)¹ previously granted Intelsat to drift JCSAT-RA (Call Sign S2960) from 169.0° E.L. to 168.9° E.L. and operate the satellite temporarily at 168.9° E.L.

The JCSAT-RA satellite is permanently licensed to operate at 169.0 E.L.,² and is currently operating at 168.9° E.L. subject to STA.³ Intelsat relocated JCSAT-RA to accommodate the arrival of Horizons 3e (S2947) at 169.0° E.L. following the satellite’s successful launch.

On-station at 168.9° E.L., Intelsat will continue to utilize the satellite’s telemetry, tracking, and control (“TT&C”) and communications frequencies. The specific TT&C frequencies are: 4199.55 MHz (beacon), 12.2485 GHz (beacon), 12.7472 GHz (beacon), 12.74835 GHz, and 12.74975 GHz (space-to-Earth); and 13.9935 GHz and 14.496 GHz (Earth-to-space). The specific communications frequencies are: 3940-4200 MHz, 6225-6425 MHz, 6425-6485 MHz, 12200-12250 MHz, 12250-12500 MHz, 12500-12750 MHz, 13750-13997 MHz, 13997-14000 MHz, 14000-14250 MHz, and 14250-14500 MHz

¹ Intelsat has filed this STA request, an FCC Form 159, and a \$980.00 filing fee electronically via the International Bureau’s Filing System.

² See Policy Branch Information; Actions Taken, Report No. SAT-01330, File No. SAT-LOA-20160411-00035 (July 13, 2018) (Public Notice).

³ See Policy Branch Information; Actions Taken, Report No. SAT-01366, File No. SAT-STA-20181218-00091 (Dec. 21, 2018) (Public Notice).

Ms. Marlene H. Dortch
January 28, 2019
Page 2

Grant of this STA extension request will not result in increased risk of harmful interference. On-station at 168.9° E.L., Intelsat will continue to operate the satellite in conformance with its coordination agreements concerning the nominal 169.0° E.L. location.

Further, Intelsat has assessed and limited the probability of the space station becoming a source of debris as a result of collisions with large debris or other operational space stations. Intelsat is not aware of any FCC licensed system, or any other system applied for and under consideration by the FCC, having an overlapping station-keeping volume with JCSAT-RA at 168.9° E.L. Finally, Intelsat is not aware of any system with an overlapping station-keeping volume with JCSAT-RA that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

In support of this STA extension request, Intelsat requests that the prior waivers granted for JCSAT-RA for Section 2.106 regarding the 12.2-12.7 GHz and 12.7-12.75 bands at 169.0° E.L. be extended to JCSAT-RA at 168.9° E.L.

Grant of this STA extension request is in the public interest because it will allow Intelsat to continue safely station-keep JCSAT-RA at the nominal 169° E.L.

For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this STA extension request. Please direct any questions regarding this STA request to the undersigned at (703) 559-6949.


Sincerely,

/s/ Cynthia J. Grady

Cynthia J. Grady
Senior Counsel
Intelsat US LLC

cc: Stephen Duall
Jay Whaley
Cindy Spiers

ATTACHMENT TO GRANT
Intelsat License LLC
IBFS File No. SAT-STA-20190128-00003

IBFS File No(s):	SAT-STA-20190128-00003	<p>GRANTED – With Conditions</p>  <p>International Bureau Satellite Division</p>
Licensee/Grantee:	Intelsat License LLC	
Call Sign:	S2960	
Satellite Name:	JCSAT-RA	
Orbital Location: (required station-keeping tolerance)	168.9° E.L. (± 0.05 degrees)	
Administration:	United States of America	
Nature of Service:	Fixed-Satellite Service (FSS)	
Scope of Grant:	30-day extension of previously granted special temporary authority	
Service Area(s):	C-band: Asia and Hawaii. Ku-band: Japan, Asia, and Global. <i>See</i> IBFS File No. SAT-LOA-20160411-00035, Section S6, Schedule S Tech Report and Engineering Statement at 2.	
Frequencies:	3940-4200 MHz (space-to-Earth) 6225-6485 MHz (Earth-to-space) 12.2-12.75 GHz (space-to-Earth) 13.8-14.5 GHz (Earth-to-space) Telemetry, tracking, & command center frequencies: 4199.55 MHz (space-to-Earth) (Beacon) 12.2485 GHz (space-to-Earth) (Beacon) 12.7472 GHz(space-to-Earth) (Beacon) 12.74835 GHz (space-to-Earth) 12.74975 GHz (space-to-Earth) 13.9935 GHz (Earth-to-space) 14.496 GHz (Earth-to-space)	
<p>Unless otherwise specified herein, 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> <p style="padding-left: 40px;">1. Operations under this grant of special temporary authority for operations of JCSAT-RA at 168.9° E.L. must comply with the applicable conditions placed on the operations of JCSAT-RA at 169.0° E.L. in IBFS File No. SAT-LOA-20160411-00035 (grant stamp July 12, 2018).</p>		
<p>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.</p> <p>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.</p> <p>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).</p>		
Action Date:	January 31, 2019	
Term Dates	From: February 6, 2019	To: period of 30 days

ATTACHMENT TO GRANT
Intelsat License LLC
IBFS File No. SAT-STA-20190128-00003

Approved:



Stephen J. Duall
Chief, Satellite Policy Branch