

SES Americom, Inc.

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:
Alaska Railway Testing

1. Applicant

Name:	SES Americom, Inc.	Phone Number:	5712290879
DBA Name:		Fax Number:	202-478-7111
Street:	1129 20th Street NW Suite 1000	E-Mail:	nkaicherry@gmail.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20036
Attention:	Ms Petra A Vorwig		

60 days "with conditions"

File # SES-STA-20191022-01359

Call Sign N/A Grant Date 11/04/2019
(or other identifier)Term Dates
From: 11/04/2019 To: 01/03/2020Approved: Paul E. Hays**GRANTED**

International Bureau

2. Contact			
Name:	Noah Cherry	Phone Number:	5712290879
Company:	SES	Fax Number:	
Street:	1129 20th Street NW Suite 1000	E-Mail:	noah.cherry@ses.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20036 -
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 SESSTA2019081201068 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 CGS – Fixed Satellite Small Transmit/Receive Earth Station			
5. Type Request			
☒ Use Prior to Grant ☐ Change Station Location ☐ Other			
6. Requested Use Prior Date 10/23/2019			
7. CityPort St. Lucie		8. Latitude (dd mm ss.s h) 27 16 57.0 N	

9. State FL	10. Longitude (dd mm ss.s h) 80 28 57.0 W
11. Please supply any need attachments. Attachment 1: Extension Narrative Attachment 2: STA Grant 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.) SES request to extend Special Temporary Authority for 60 days from October 23m 2019 to test 131.2x 141.8 x 29.8 centimeter antenna designated RaySat ER7000 for compatibility with SES's satellites in the conventional Ku-band.	
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"; party to the application; for these purposes. Yes ☒ No ☐	
14. Name of Person Signing Noah Cherry	15. Title of Person Signing Counsel
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.

Applicant: SES Americom, Inc
Call Sign: N/A
File No.: SES-STA-20191022-01359
Special Temporary Authority ("STA")



File # SES-STA-20191022-01359
Call Sign N/A Grant Date 11/04/2019
(or other identifier)
Term Dates
From: 11/04/2019 To: 01/03/2020
Approved: [Signature]

SES Americom, Inc. ("SES") is granted special temporary authorization for 60 days, beginning November 04, 2019 to test its RaySat ER7000 antenna(s) with SES-10 ("S2950") satellite at the 66.9 W orbital location to support testing of terminals used for mobile connectivity for ESIMs in the 14000-14500 MHz (Earth-to-space) and 10700-11700 MHz (space-to-Earth) frequency bands under the following conditions:

1. Operations must comply the existing station authorization.
2. Operations shall comply pursuant to 47 C.F.R. § 25.212(c)(2).
3. All operations shall be on an unprotected and non-harmful interference basis, SES, shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and must inform the Commission, in writing, immediately of such an event.
4. All operators of satellites will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs, Currently the 24x7 contact information for the SES-10 satellite testing mission is as follows: Ph.: (410) 970-7580- SES Network Operation Center. NOC Email: PMOC@ses.com
5. Grant of this STA is without prejudice to any determination that the Commission may make regarding pending or future SES applications.
6. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at SES's risk.
7. Operations of this station during the period from expiration of October 18, 2019, to the grant of this special temporary authority was authorized pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. §1.62.

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 upon release.

Request for Extension of Special Temporary Authority

The International Bureau previously granted a request filed by SES Americom, Inc. ("SES") for special temporary authority ("STA") to conduct tests of a 131.2x 141.8 x 29.8 centimeter antenna designated RaySat ER7000 for compatibility with SES's satellites in the conventional Ku-band. The STA was granted September 17, 2019.¹

Pursuant to Section 25.120 of the Commission's rules,² SES hereby requests a further extension of its STA covering the 60-day period beginning on October 23, 2019.

SES's extension request is supported by good cause. An extension will enable SES to continue its testing and evaluation of SES services that could benefit connectivity services to a railway in Alaska. By granting SES's initial STA request, the Bureau already has found that facilitating these activities is in the public interest.

Accordingly, and for good cause shown, SES respectfully requests that its STA extension request be granted.

¹ FCC File No. SES-STA-20190812-01068.

² 47 C.F.R. § 25.120.