

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for 30-Day STA for C-band Earth Station in Isabela, Puerto Rico

1. Applicant

Name:	SES Americom, Inc.	Phone Number:	202-478-7144
DBA Name:		Fax Number:	202-478-7111
Street:	1129 20th Street NW Suite 1000	E-Mail:	nancy.eskenazi@ses.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20036 -
Attention:	Ms Nancy Eskenazi		




30 days *"With conditions"*
File # SES-STA-20171025-01206
Call Sign N/A Grant Date 10/27/2017
(or other identifier)
Term Dates
From: 10/27/2017 To: 11/26/2017
Approved: Paul E. Allen

Applicant: SES Americom, Inc.
File No.: SES-STA-20171025-01206
Call Sign: None
Special Temporary Authority

SES Americom, Inc. is granted a special temporary authority for 30 days, commencing October 27, 2017, to use its 2.4 meter C-band earth station antenna located at 18° 28' 57" N/ 67° 1' 56.3' in Isabela, Puerto Rico to provide temporary wireless coverage, using the following frequency bands: 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) to communicate with AMC-18 satellite at 104.95° W.L., under the following conditions:

1. Operations under this authority are on a non-interference basis only.
2. Operations under this authority are on a non-protected basis only.
3. In the event of any harmful interference under this grant of special temporary authority, SES Americom, Inc., must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
4. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely 'at SES Americom, Inc.'s risk.
5. Grant of this special temporary authority is without prejudice to any determination that the Commission may make regarding pending or future SES Americom, Inc. applications.
6. 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.

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Approved: *[Signature]*



REQUEST FOR SPECIAL TEMPORARY AUTHORITY

SES Americom, Inc. ("SES"), pursuant to Section 25.120 of the Commission's rules, respectfully requests Special Temporary Authority ("STA") for 30 days to operate an earth station in Isabela, Puerto Rico ("Isabela Earth Station") in the conventional C-band. The Isabela Earth Station will communicate with AMC-18 at 104.95° W.L., which is on the Commission's Approved Space Station List for service to the U.S. market.¹ SES seeks a 30-day STA beginning no later than October 27, 2017.²

The Isabela Earth Station will be integrated into a temporary system with other operators to help restore local wireless service in Puerto Rico. As discussed below, grant of the requested authority is in the public interest as it will allow SES to provide services that will benefit the population in Puerto Rico as it recovers from the recent hurricanes and rebuilds its telecommunications infrastructure.

Public Interest Showing

In the aftermath of Hurricane Maria, Puerto Rico lost most of its wireless coverage across the island, leaving residents without cellphone service.³ In recent reports, the Commission estimates that the vast majority of cell sites remain out of service.⁴ SES subsidiary O3b is currently providing capacity to temporarily enable local wireless services.⁵ Due to high demand for satellite services in the region, SES is deploying the Isabela Earth Station to supplement these services. Grant of this STA request will serve the public interest because the Isabela Earth Station will be used to allow SES's customer to provide internet connectivity throughout its Puerto Rican facility. This will allow a large local employer to resume its normal business operations and provide an economic boost to the region as it recovers from the impact of the recent storms.

Earth Station Technical Parameters

A description of the antenna and the proposed operations is provided in Annex 1, and Annex 2 sets forth the technical characteristics of the VertexRSI lightweight 2.4 meter terminal that will be used. Annex 3 contains a temporary uplink coordination report from Comsearch.

¹ See Petition for Declaratory Ruling of SES Satellites (Gibraltar) Limited, Call Sign S2713, IBFS File No. SAT-PPL-20061006-00118, granted Dec. 7, 2006.

² Actual service will be provided from October 28th to November 7th. Given the urgent need to commence service immediately, SES respectfully submits that the circumstances justify grant of authority on less than three business days' notice under Section 25.120(a).

³ See Elizabeth Weise, *Puerto Rico is nearly entirely cut off from cellphone service, leading to low tech solutions*, (Sept. 28, 2017), <https://www.usatoday.com/story/tech/2017/09/28/puerto-rico-cell-phone-service-tmobile-att-hurricane/710775001/>.

⁴ See, e.g., "Communications Status Report for Areas Impacted by Hurricane Maria," (rel. Oct. 7, 2017), available at: https://apps.fcc.gov/edocs_public/attachmatch/DOC-347131A1.pdf.

⁵ See Application of O3b Limited, IBFS File No. SES-STA-20171011-01135, granted Oct. 11 2017.

Conclusion

The requested STA will allow SES to help restore connectivity to its customer's facility in Puerto Rico as the local terrestrial networks are being repaired. Accordingly, and for good cause shown, SES respectfully requests that its STA be granted no later than October 27, 2017.

2. Contact

Name:	Karis Hastings	Phone Number:	202-599-0975
Company:	SatCom Law LLC	Fax Number:	
Street:	1317 F Street, N.W. Suite 400	E-Mail:	karis@satcomlaw.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20004 -
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 CGX – Fixed Satellite Transmit/Receive Earth Station

5. Type Request

- Use Prior to Grant Change Station Location Other

6. Requested Use Prior Date
10/27/2017

7. City/Isabela

8. Latitude
(dd mm ss.s h) 18 28 57.0 N

9. State PR	10. Longitude (dd mm ss.s h) 67 1 56.3 W
11. Please supply any need attachments. Attachment 1: STA Narr and Annexes 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.) <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> SES Americom, Inc. respectfully requests special temporary authority for 30 days beginning October 27, 2017 to operate an earth station in Isabel, Puerto Rico in the conventional C-band with AMC#8722;18 (Call Sign S2713). See attachment. </div>	
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. <div style="text-align: right;"> <input checked="" type="radio"/> Yes <input type="radio"/> No </div>	
14. Name of Person Signing Nancy J. Eskenazi	15. Title of Person Signing VP, Legal & Global Regulatory
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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