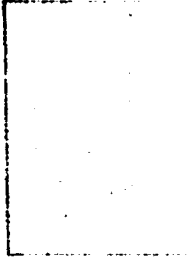


Page No. 100
Date 10/10/2020
Class 10



1. The area of a square is 144 cm². Find the length of its side.

Solution: Let the side of the square be x cm.

Area of square = x^2 cm²

$x^2 = 144$

$x = \sqrt{144}$

$x = 12$

\therefore The length of the side of the square is 12 cm.

2. The area of a square is 625 cm². Find the length of its side.

Solution: Let the side of the square be x cm.

Area of square = x^2 cm²

$x^2 = 625$

$x = \sqrt{625}$

$x = 25$

\therefore The length of the side of the square is 25 cm.

E030342
LBiSat LLC

SES-STA-20171205-01304

IB2017003353

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:
E030342 Prior Use STA Extension (December)

1. Applicant

Name:	LBiSat LLC	Phone Number:	801-501-9090
DBA Name:		Fax Number:	801-501-7338
Street:	10288 S. Jordan Gateway # K	E-Mail:	andre@lbisat.com
City:	South Jordan	State:	UT
Country:	USA	Zipcode:	84095 -3911
Attention:	Mr Andre B Finlinson		



File # SES-STA-20171205-01304

Call Sign E030342 Grant Date 12/06/2017
(or other identifier)

Term Dates
From: 12/07/2017 To: 01/06/2018

Approved: Paul E. Hayes


"Extension with Conditions"

Application: LBiSat, LLC
File No.: SES-STA-20171205-01304
Call Sign: E030342
Special Temporary Authority

LBiSat, LLC, is granted special temporary authority extension from SES-STA-2017102-01231 for 30 days, beginning on December 7, 2017, to operate a 9.2 meter earth station antenna located at 40° 33' 54" N, 111° 54' 14" W, in South Jordan, Utah, to communicate with Telstar 12 (S2462) satellite at 109.2° W.L. using the following frequency band (Transmitting Only): 13750-14000 MHz (Earth-to-space), 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. Uplink (Earth-to-space) frequency band will be on 13750-14000 MHz within the coordinated emission and power limits. The maximum EIRP shall not exceed 85 dBW per NTIA manual US 356.
4. US 357 establishes additional EIRP density limits of 71 dBW/6MHz for operations with GSO satellites and 51 dBW/6MHz for operations with NGSO satellites for any emission in the 13.75-13.78 GHz band.
5. All operations under this grant of special temporary authority shall be on an unprotected and non-harmful interference basis. LBiSat, LLC's (E030342), shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
6. In the event of any harmful interference under this grant of special temporary authority, LBiSat, LLC's (E030342), must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
7. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely 'at LBiSat, LLC's risk.
8. 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.

30 days *"Extension with conditions"*

 GRANTED Federal Bureau	File # <u>SES-STA-20171205-01304</u>
	Call Sign <u>E030342</u> Grant Date <u>12/06/2017</u> (or other identifier)
	Term Dates From: <u>12/07/2017</u> To: <u>01/06/2018</u>
	Approved: <u>[Signature]</u>

2. Contact

Name:	Frank R. Jazzo	Phone Number:	703-812-0470
Company:	Fletcher, Heald & Hildreth, PLC	Fax Number:	703-812-0486
Street:	1300 N. 17th Street Suite 1100	E-Mail:	jazzo@fhhlaw.com
City:	Arlington	State:	VA
Country:	USA	Zipcode:	22209 -
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 SESMOD2017081700926 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

09/01/2017

7. City South Jordan

8. Latitude

(dd mm ss.s h) 40 33 54.0 N

9. State UT	10. Longitude (dd mm ss.s h) 111 54 14.0 W
11. Please supply any need attachments. Attachment 1: Schedule B Attachment 2: Radiation Hazard Rep Attachment 3: 13GHz	
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: 10px 0;"> This application requests an extension of the prior use STA granted on August 30, 2017 (File No. SES-STA-20170817-00927), as extended on October 3, 2017 (SES-STA-20170929-01089) and November 6, 2017 (SES-STA-20171102-01231) to operate the 9.2 m KU band antenna while licensee's license modification application (File No. SES-MOD 20170817-00926) is pending. </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 Andre Finlinson	15. Title of Person Signing Vice President, Chief Technical Officer
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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