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File Number: SAT-STA-20210401-00044

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:

Capella 5/6 Calibration STA (Space Segment)

1. Applicant

<b>Name:</b>	Capella Space Corp.	<b>Phone Number:</b>	415-481-4727
<b>DBA Name:</b>		<b>Fax Number:</b>	
<b>Street:</b>	438 Shotwell St.	<b>E-Mail:</b>	
<b>City:</b>	San Francisco	<b>State:</b>	CA
<b>Country:</b>	USA	<b>Zipcode:</b>	94110 -
<b>Attention:</b>	Mr Daniel J Connors Jr.		

2. Contact

<b>Name:</b>	Dan Connors	<b>Phone Number:</b>	703-962-0364
<b>Company:</b>	Capella Space Corp.	<b>Fax Number:</b>	
<b>Street:</b>	438 Shotwell St.	<b>E-Mail:</b>	dan.connors@capellaspace.com
<b>City:</b>	San Francisco	<b>State:</b>	CA
<b>Country:</b>	USA	<b>Zipcode:</b>	94110 -
<b>Attention:</b>		<b>Relationship:</b>	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 SATLOA2021011900012 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    CXW – Space Station (Non-Geostationary)

5. Type Request

- Change Station Location                       Extend Expiration Date                       Other

6. Temporary Orbit Location

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.)

Capella Space Corp. requests Special Temporary Authority to receive transmissions from an experimental ground-based system for calibrating the Capella synthetic aperture radar system on orbit following deployment of the radar in space. The experimental earth station transmissions are the subject of a separate earth-station STA request with file number

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  
Daniel J. Connors

11. Title of Person Signing  
General Counsel

12. Please supply any need attachments.

Attachment 1: Narrative

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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## **8. Description**

Capella Space Corp. requests Special Temporary Authority to receive transmissions from an experimental ground-based system for calibrating the Capella synthetic aperture radar system on orbit following deployment of the radar in space. The experimental earth station transmissions are the subject of a separate earth-station STA request with file number SES-STA-20210316-00513. The subject satellites are those described in the satellite space station application with file number SAT-LOA-20210119-00012. See attachment.