

From: [Finn, Susanna C](#)
To: [Behnam Ghaffari](#)
Cc: [Dy, Simthyresearch](#)
Subject: RE: File No. 0422-EX-CN-2018
Date: Friday, July 27, 2018 5:11:42 PM

Hi Ben,

We submitted the requested documents and information last month through the Experimental Licensing System, and we are still working on the SpaceCap software. We are adding a UHF antenna to the cubesat as a backup to the X-band and we are wondering if we can append that UHF license to this application, or if we should open a new FCC license application.

Thank you for your help,
Susanna

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From: oetech@fccsun27w.fcc.gov [mailto:oetech@fccsun27w.fcc.gov]
Sent: Thursday, May 24, 2018 10:58 AM
To: Finn, Susanna C
Subject: File No. 0422-EX-CN-2018



Office of Engineering and Technology

Susanna Finn, Lowell Center for Space Science and Technology

To:

susanna_finn@uml.edu

Behnam Ghaffari

From:

Behnam.Ghaffari@fcc.gov

Lowell Center for Space Science and Technology

Applicant:

0422-EX-CN-2018

File Number:

42279

Correspondence Reference Number:

05/24/2018

Date of Original Email:

Please submit the following items:

1. NOAA approval letter for the imaging operations, if any.
 2. Orbital Debris Assessment (ODAR),
 3. SpaceCap analysis (You will need to email the file directly to (behnam.ghaffari@fcc.gov). Please change the .mdb extension to .txt so it is not blocked by our firewall,
 4. ITU Cost recovery letter
5. Provide the information notes below for the purposed CubeSat. Submit your response as .pdf to your application:
- a) IF ANY SATELLITES ARE NONGEOSTATIONARY, REPORT ITS INCLINATION ANGLE, APOGEE IN KILOMETERS, PERIGEE IN KILOMETERS, ORBITAL PERIOD IN HOURS AND FRACTIONS OF HOURS IN DECIMAL, THE NUMBER OF SATELLITES IN THE SYSTEM,
 - b) THE SATELLITE TRANSMITTER ANTENNA GAIN AND BEAMWIDTH,
 - c) THE SATELLITE TRANSMITTER ANTENNA AZIMUT: NARROWBEAM (NB), EARTH COVERAGE (EC),
 - d) THE EARTH STATION RECEIVER ANTENNA GAIN, BEAMWIDTH, AZIMUTHAL RANGE, THE SITE ELEVATION ABOVE MEAN SEA LEVEL IN METERS AND THE ANTENNA HEIGHT ABOVE TERRAIN IN METERS,
 - e) THE EARTH STATION RECEIVER ANTENNA AZIMUTH, THE MINIMUM ANGLE OF ELEVATION (V00 TO V90),

The items indicated above must be submitted before processing can continue on the above referenced application.

Failure to provide the requested information within 30 days of 05/24/2018 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

DO NOT Reply to this email by using the reply button. In order for your response to be processed expeditiously, you must upload your response via the Internet by visiting [The OET Experimental Licensing System](#), followed by clicking on the "Reply to Correspondence" hyperlink.