

From: Jan A. King

To: Nimesh Sangani

Date: May 13, 2020

Subject: Additional Information Request

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Message:

Date: May 13, 2020

To: Nimesh Sangani  
Office of Engineering and Technology  
Federal Communications Commission  
445 Twelfth Street, SW  
Washington, DC 20554

Re: ELS File No. 0098-EX-CM-2020  
Response to OET Reference Nos. 54961 and 54963

Nimesh,

This correspondence responds to the above-captioned information requests, each dated April 28, 2020.

1) Modification request doesn't extend the expiration date. Please resubmit a modification description without that information in your exhibit. You can file for a renewal after we grant or dismiss the modification request.

Attached is the revised narrative without the renewal request.

2) Submit the NTIA Space record form with the receiver information that you want to add. Separate them for each frequency request.

Attached is the comprehensive NTIA Space Record form, which now includes the Troms&oslash;, Norway station (&ldquo;Troms&oslash; Station&rdquo;).

3) Submit updated SpaceCap file and make sure there are not fatal errors.

Astro Digital is separately providing an updated SpaceCap file and SpaceVal report to the FCC Office of Engineering and Technology (Nimesh.Sangani@fcc.gov) and International Bureau (Joseph.Hill@fcc.gov).

4) Submit ITU cost recovery letter.

Astro Digital submitted an ITU cost recovery letter with its initial application. Your May 13, 2020 email informed us that filing a new version is necessary only if the letter's point-of-contact has changed. This information remains unchanged, so Astro Digital has not submitted a new letter.

5) Your exhibit states, &quot;To facilitate the experiments, Astro Digital seeks authority to communicate with the Troms&oslash; Station, using currently authorized frequencies, 400.5 MHz (space-to-Earth) and 402.9 MHz (Earth-to-space).&quot; Please note that FCC doesn't grant license for the transmit portion of the foreign ground station. In this modification request you can only add the Cubesat to the earth part.

Astro Digital understands the FCC does not grant licenses for transmit operations at foreign ground stations and, by this modification application, seeks authority only to transmit (space-to-Earth) to the

Troms&oslash; Station and to receive transmissions from that location. Astro Digital separately will obtain all applicable foreign authorizations necessary to transmit (Earth-to-space) from the Troms&oslash; Station to the Momentus X1 satellite.

Let us know if you have additional questions. Thanks.

Best regards,

/s/ Jan A. King

Jan A. King  
CTO  
Astro Digital US, Inc.