

To: Franklin Williams
E-Mail: franklin.h.williams@l3harris.com
From: Behnam Ghaffari
Date: April 20, 2021

Subject: FCC File No. 0466-EX-ST-2021

Message:

- 1) Please clarify and amend the coordinates. There are two different set of coordinates:
 1. Omaha, DOUGLAS, NE- NL 41-14-35; WL 96-59-00
 2. The Terminal will be fixed at 41 deg 14' 15.05" North 96 deg 0' 59.44" West in Omaha, Nebraska.
- 2) Please provide the name of contracted, commercial entity that will conduct tests for the Terminal #1 (Hawkey III terminal). This commercial entity should file the STA to conduct tests for Terminal #1 and reference this STA File No. 0466-EX-ST-2021.
- 3) Please provide the size (meter), antenna gain (dBi), maximum total input power at antenna flange (Watts), and EIRP (dBW) associated with emission for the proposed antennas:

L3Harris Technologies, Inc.	WPM-1000	5
ThinKom	Falcon Ka2517	1
- 4) Please provide the name and call sign for the point of communication (satellites) operating in the 5.85-6.425 GHz band.
- 5) Please provide the name and call sign for the point of communication (satellites) operating in the 13.75-14.5 GHz band. In addition, operation in the 13.75-14 GHz band is subject to the Footnote US 356 of Section 2.106 of the Commission's rules.
- 6) Please note that the 2.4m Hawkey III terminal does not meet the minimum antenna size specified in Footnote US 356 of Section 2.106 of the Commission's rules. Therefore, please amend the frequency band from 13.75-14.5 GHz to 14.0 -14.5 GHz band for 2.4m Hawkey III terminal.

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 April 20, 2021 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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Responses to this correspondence must contain the Reference number : 61445