

From: Jeff Rummel

To: Leann Nguyen
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Subject: Request for Info - File # 1146-EX-ST-2020

Message:

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Ms. Nguyen:

In response to the inquiry posed by the International Bureau, please note that BAE Systems acknowledges that it inadvertently listed the incorrect part number for the Viasat Modem. BAE Systems is actually using Viasat part number 113215. BAE Systems does not need the modem to transmit in the 1525-1559 MHz (Earth to Space). This is actually the receive frequency band for the modem. In preparing the application, BAE Systems inadvertently transposed the return and forward link parametrics. BAE Systems' intent is to use the modem to transmit in the 1626.5-1660.5 MHz. Accordingly, the application and exhibit have been revised to:

- o Delete the frequency range "1525-1559 MHz" and replace it with "1626.5-1660.5 MHz";
- o Modify/reduce the associated power levels for the new "1626.5-1660.5 MHz" range, and change the emission designators for that range
- o Amend Exhibit 1 to the application to reflect these changes, and also to clarify that: "the antenna is directional and will point toward the INMARSAT 4-F3 satellite. The pointing directions from the BAE Systems facility are 215.9°; from true north and an elevation angle of 34.1°";

BAE Systems trusts that these amendments satisfactorily respond to the International Bureau's questions, but if there are any additional questions they may contact undersigned counsel directly at:

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Respectfully submitted,

Jeff Rummel
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