

From: Jeff Rummel

To: Behnam Ghaffari

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Message:

Leidos, Inc.  
Pending File No. 0814-EX-CN-2021  
(Ref. 65264)

Mr. Ghaffari:

In reply to your further questions, I am advised as to the following by Leidos:

Q1: &hellip; what is the rationale to select this specific satellite?

A:

As a practical and logistical matter, XTAR-LANT is practically the only geostationary satellite that Leidos can point to that reaches back to Leidos at its location in Virginia, and which also uses x-band (see #2 below).

In addition, Leidos has an existing relationship with the XTAR satellite fleet (specifically XTAR-EUR OCONUS) which makes utilization of the XTAR-LANT economically advantageous.

Q2: &hellip; why selecting frequency bands allocated to the US military operations (X-Band)?

B.

Leidos makes its decisions regarding frequency selection very seriously. In this case, Leidos has chosen the subject X-band frequencies to test in the US specifically because this system will use these specific frequencies once it is deployed overseas at customer sites. Using the same frequencies under experimental authority is the only way to achieve reliable, real-world experimental data and to ensure that the system will ultimately operate as required by the military.

Best regards,

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