
From: Witt, John [mailto:john.witt@lmco.com]
Sent: Thursday, November 17, 2011 12:47 PM
To: Behnam Ghaffari
Cc: Creeser, Giselle
Subject: RE: 0539-EX-PL-2011 application replied to correspondence 15342

Ben,
Sorry for not providing the missing antenna information in the correspondence 15342. The following updated information should replace what I provided in the "Directional Antenna Information" exhibit attached in the 0539-EX-PL-2011 file:

In respect to the INMARSAT Satellite to BFT receiver:

1. Satellite earth coverage for the contracted Army program is on commercial INMARSAT geostationary satellites I3 and I4. Only one specific satellite regional spot beam is in view for transmission from the Syracuse NY area; INMARSAT "I4 F3" located at 98 deg W. Longitude.
2. The antenna receive gain is 2 to 10db.
3. The beam width of the receiver antenna pattern is 40 to 90 deg in the vertical plane, 0-360deg in the horizontal plane.
4. The latitude of INMARSAT "I4 F3" is 0 deg.

In respect to the BFT Transceiver to INMARSAT Satellite:

1. The elevation orientation of the antenna is 90 deg pointing directly overhead at the sky.
2. The Transmit antenna gain is 2 to 31db
3. Antenna beam width pattern is 40 to 90deg in the vertical plane, 0-360 in the horizontal plane
4. Elevation of the transmitting antenna is 138 meters MSL
5. Height of the antenna is 3.5 meters AGL.

To avoid confusion, is it possible to remove the directional information exhibit?
I apologize for any inconvenience this has caused.

Thanks for your help,

John

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