

John Kennedy

From: Lawrence B Clay [Lawrence_B_Clay@raytheon.com]
Sent: Tuesday, September 12, 2006 2:04 PM
To: John Kennedy
Subject: Re: FW: Raytheon Experimental - Questions answered

Mr. Kennedy,

Galaxy 10R is a PanAmSat satellite.

The change was made because IntelSat did not have available bandwidth on any of the spacecraft. Typically, IntelSat prefers to assign experimental antennas to spacecraft in the middle of their fleet. This minimizes adjacent satellite interference on birds not their own. This was not possible in this case because of bandwidth limitations. Therefore, We have reserved space on Galaxy 10R.

Regards,

Raytheon



Larry Clay
Senior Principal Systems Engineer
508.490.4821
508.490.4312 fax
978.726.6040 mobile
Lawrence_B_Clay@raytheon.com

"John Kennedy" <John.Kennedy@fcc.gov>

To <lawrence_B_Clay@raytheon.com>

cc

Subject FW: Raytheon Experimental - Questions answered

09/12/2006 01:10 PM

Mr. Clay,

Please respond to text below.

John K.

-----Original Message-----

From: John Kennedy
Sent: Tuesday, September 12, 2006 12:29 PM
To: 'Karen I Dyberg'
Subject: RE: Raytheon Experimental - Questions answered
Importance: High

9/12/2006

Ms. Dyberg,

Is the Galaxy 10R a PanAmSat satellite? Please clarify why Mr. Clay originally reported that Intelsat 903 and Intelsat 905 would be used.

John W. Kennedy
 Federal Communications Commission
 Office of Engineering and Technology
 Experimental Licensing Branch
 (202) 418-2484

-----Original Message-----

From: Karen I Dyberg [mailto:Karen_I_Dyberg@raytheon.com]

Sent: Tuesday, September 05, 2006 1:40 PM

To: John Kennedy

Subject: Raytheon Experimental - Questions answered

John,

Sorry about the delay in getting back to you with answers regarding our experimental license application. Larry Clay just got back from a 3 week vacation today. Below are his responses to your questions in blue.

STA Confirmation Number:	EL718025
STA File Number:	0518-EX-ST-2006
Date of Submission:	July 12, 2006

1. List the specific satellites to be used.

We are currently planning to use IntelSat 903 @ 34.5 degrees West and Galaxy 10R @ 123 degrees West.

2. Specify the diameter of the antenna being used.

The Tx diameter is 18 inches.

3. State whether the use of a foreign satellite is planned.

No foreign satellite use is planned. If successful, the US Military would deploy world wide and we would not have any indication as to which satellite they would use. For our experimentation use only, no foreign satellite use is planned.

I will try to call you tomorrow.

Karen Dyberg

Spectrum Mgt and Corporate FCC Licensing
 Electromagnetic Energy Exposure Control

Raytheon Integrated Defense Systems

978-440-4022 office

7-431-4022 tie line

978-886-7132 cell

978-440-3332 fax

Karen_I_Dyberg@raytheon.com

[attachment "77528.PDF" deleted by Lawrence B Clay/RES/Raytheon/US]

9/12/2006