

To: Paul Bourque
E-Mail: Paul_J_Bourque@raytheon.com
From: Jose Trevino
Date: October 18, 2011

Subject: FCC file number 0644-EX-ST-2011

Message:

Dear Mr. Paul Bourque,

1.) Prior coordinate the frequency bands 2310-2320 MHz and 2345-2390 MHz with the Aerospace and Flight Test Radio Coordinating Council, (AFTRCC). The AFTRCC telephone number is (770) 494-2893.

2.) Please prior coordinate the use of the frequency band 2700 - 3000 MHz with the Central Service Area (CSA) FAA Regional Office. Please obtain the NGT number(s) from the FAA Regional Office at the completion of the coordination and report it in your response to this correspondence. Please report the parameter below in your coordination with the FAA Regional Office:

- Peak envelope power (PEP);
- Type of antenna;
- Transmit antenna gain;
- Elevation above sea level of the antenna site;
- Height above ground of the focal point of the antenna;
- Antenna polarization;
- The azimuth that the antenna is pointed or appropriate designator to indicate whether the antenna is rotating, non-directional, etc.;
- Pulse repetition rate (PRR) that the equipment is capable of operating on to include PRR stagger sequences if appropriate, whether the PRR is adjustable and what PRR's the equipment can accept, and any other information that would be helpful in understanding the pulse characteristics of the equipment;
- Pulse width;
- Equipment nomenclatures;
- Whether the equipment is capable of blanking transmissions in certain azimuths and any limitations with respect to blanking;
- Radius of operations if appropriate;
- Detailed description of the proposed operation to include any technical parameters that will be altered during operations.

Phone numbers to the FAA Regional Frequency Management Offices may be obtained at:
www.faa.gov/ats/aaf/locations/fmos.htm

3.) Please provide a designated point-of-contact to terminate transmissions if interference occurs.

4.) Please submit the required fee for your application.

5.) Please coordinate with FSS stations in your area and submit as an attachment to your application completed FSS coordination for use of frequencies in the band 3650-3700 MHz. The requirement for coordinating with FSS stations comes from 47CFR90.1331 (a) (1). It tells you that you can find a list of grandfathered FSS earth stations at <http://www.fcc.gov/ib/sd/3650/>. The procedures for coordinating with any affected FSS stations are given in 47CFR90.1331 (a) (2) & (3).

6.) Please provide the description of the operation to be conducted and its purpose in more details.

7.) For future reference, please submit the application at least 20-25 days before the start of the experimental. We need 15-20 days (meaning when the application is in our hands) to work on it because we do have other companies; as well, waiting for their approval applications. We work as it comes, not

randomly picked.

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 October 18, 2011 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

DO NOT Reply to this email by using the 'Reply' button. In order for your response to be processed expeditiously, you must upload your response via the Internet at <https://fjallfoss.fcc.gov/oetcf/els/index.cfm> by clicking on the "Reply to Correspondence" hyperlink.

Responses to this correspondence must contain the Reference number : 15258