

To: Daniel Copeland
E-Mail: dcopeland@ticom-geo.com
From: Jose Trevino
Date: February 18, 2011

Subject: FCC file number 0094-EX-ST-2011

Message:

Mr. Copeland,

Below is a list of frequency(ies) / band(s) that will need to be coordinated before submitting an experimental licensee application. This fall within the area of what the applicant is requesting to operate between 305 MHz to 960 MHz.

1. The Federal Aviation Administration (FAA) operates in the frequency bands;

108-121.9375 MHz,
123.5875-128.8125 MHz,
132.0125-137.00 MHz,
328.6-335.4 MHz,
978-1020 MHz,
1030 MHz,
1031-1087 MHz,
1090 MHz,
1104-1146 MHz,
1157-1213 MHz,
1215-1390 MHz,
2700-3000 MHz.
5000-5250 MHz, and
9000-9200 MHz.

Please prior coordinate the use of the frequency band with the 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

2. The following frequency bands: 225-328.6 MHz and 335.4-399.9 MHz are used for military purposes and they are required to coordinate with Military Assignment Group (MAG). The applicant must provide a military contract number and a military point-of-contact. Otherwise, please provide a designated point-of-contact to terminate transmissions if interference occurs, preferable a military person, if the applicant does not have a military contract number.

3. The following frequency(ies) / band(s) are restricted, due to potential interference to Federal Government operations.

156.8 MHz,
243 MHz,
400.15-401 MHz,
608-614 MHz,
1400-1427 MHz,
1660.5-1668.4 MHz,
1755-1850 MHz,
2690-2700 MHz,
3300-3500 MHz,
4990-5000 MHz,
10.68-10.7 GHz, and
15.35-15.4 GHz.

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

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Responses to this correspondence must contain the Reference number : 13040