

To: John Carvo
E-Mail: jcarvo@bluecanyontech.com
From: Leann Nguyen
Date: January 06, 2016

Subject: Request for Info - File # 0810-EX-PL-2015

Message:

Please submit the following information.

1) International Bureau requests

- A Spacecap file (using the ITU software "SpaceCap" <http://www.itu.int/en/ITUR/software/Pages/spacecap.aspx>.) You will need to change the .mdb extension to .txt and send it directly to Leann.Nguyen@fcc.gov and Rockie.Patterson@fcc.gov
- An ITU cover letter describing the Spacecap filing.
- A cost recovery letter.
- An IARU coordination letter if using amateur bands (www.iaru.org/satellite.html)
- A NOAA license if using the satellites with imaging capabilities
- The final Orbital Debris Assessment Report (ODAR)

2) NTIA requests

- A - Is the satellite geostationary or non-geostationary?
 - If satellite is geostationary, please submit latitude and longitude.
 - If satellite is non-geostationary, please submit inclination angle, apogee (km)/perigee (km), orbit period (hours), fractions of hours in decimal and number of satellites in the system.
- B- Description of the satellite and how it will operate.
- C- Describe an analysis transmitting between satellites to satellites.
- D- Describe an analysis transmitting between satellites to ground stations.
- E- The orbital debris mitigation plan, uplink/downlink and beacon frequencies.
- F- Antenna information
 - Information of satellite transmitter antenna including location, polarization, orientation, gain, beamwidth, azimuthal range, elevation above mean sea level (m), minimum angle of elevation and antenna height above terrain (m).
 - Information of earth station receiver antenna including location, polarization, orientation gain, beamwidth, azimuthal range, elevation above mean sea level (m), minimum angle of elevation and antenna height above terrain (m).
- G- Stop Buzzer information including name and telephone number of person who will terminate the system if interference occurs.

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 January 06, 2016 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 : 30604