

To: Jeff Dailey
E-Mail: jfdailey@taylor.edu
From: Leann Nguyen
Date: January 09, 2014

Subject: FCC file# 1139-EX-ST-2013

Message:

1) Please submit the following information:

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

2) Please submit orbital debris assessment.

3) Please submit Globalstar letter to allow communications with the GlobalStar satellite network.

4) International Bureau also requests a similar STA request from Globalstar because they are communications between the Globalstar satellite network and the Taylor University satellite.

5) Please also submit Spacecap file.

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 09, 2014 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 : 22554