

To: Steven Buczkowski
E-Mail: sbuczkowski@umbc.edu
From: Behnam Ghaffari
Date: September 11, 2013

Subject: FCC File No. 0838-EX-ST-2013

Message:

Please provide the following documents:

- 1) Description of Research Project.
- 2) International Amateur Radio Union (IARU) Coordination Letter.
- 3) Orbital Debris Assessment Report (ODAR).

Please provide the following information:

- 1.) THE TYPE OF SATELLITE, GEOSTATIONARY OR NONGEOSTATIONARY.

B.) IF ANY SATELLITES ARE NONGEOSTATIONARY, REPORT ITS INCLINATION ANGLE, APOGEE IN KILOMETERS, PERIGEE IN KILOMETERS, ORBITAL PERIOD IN HOURS AND FRACTIONS OF HOURS IN DECIMAL, THE NUMBER OF SATELLITES IN THE SYSTEM.
- 2.) THE SATELLITE TRANSMITTER ANTENNA GAIN AND BEAMWIDTH,
- 3.) THE SATELLITE TRANSMITTER ANTENNA AZIMUTH, NARROWBEAM, NB, EARTH COVERAGE, EC,
- 4.) THE EARTH STATION RECEIVER ANTENNA GAIN, BEAMWIDTH, AZIMUTHAL RANGE, THE SITE ELEVATION ABOVE MEAN SEA LEVEL IN METERS AND THE ANTENNA HEIGHT ABOVE TERRAIN IN METERS.
- 5.) THE EARTH STATION RECEIVER ANTENNA AZIMUTH, THE MINIMUM ANGLE OF ELEVATION, V00 TO V90.

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 September 11, 2013 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 : 21476