

To: Krystle Curnutte  
E-Mail: krystle@tyvak.com  
From: Leann Nguyen  
Date: November 09, 2018

Subject: Request for Info - File # 0881-EX-CN-2018

---

Message:

Please provide the following information for "Tyvak0087" satellite

1. Orbital Debris Assessment Report (ODAR)

2. Spacecap data file. Please send it to international Bureaus: Joseph.Hill@fcc.gov; Jeanette.spriggs@fcc.gov and cc Leann.Nguyen@fcc.gov).

3. ITU Cover Letter.

4. ITU Cost recovery letter

5. Transmitter and Receiver Antennas data

a-Space Station Antenna:

- Polarization
- Orientation
- Dimension: Gain (dbi), Beamwidth (degree)
- Type of satellite (if geostationary, required latitude and longitude information)

b-Ground Station Antenna:

- Location: lat/long, city, state.
- Polarization
- Orientation
- Dimension: Gain (dbi), Beamwidth (degree), Azimuth (degree clockwise from True North), Elevation (in meter above MSL) , Height (in meter above MSL).

6. Orbital characteristics

- Inclination angle (in degree)
- Apogee (in km)
- Perigee (in km)
- Orbital Period (in hour) and fraction of hours in decimal.
- Number of satellite in the system.
- Number of transmitting satellites
- Number of receiving satellites.

7. Point-of contact 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 November 09, 2018 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://apps.fcc.gov/oetcf/els/index.cfm> by clicking on the "Reply to Correspondence" hyperlink.

Responses to this correspondence must contain the Reference number : 44998