

From: Will Lewis

To: Nimesh Sangani

Date: June 09, 2026

Subject: Request for Info - File # 0517-EX-CN-2026

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Message:

Dear Mr. Sangani,

Please see below Aethero's response to the Commission's further questions.

1. Please include the FCC callsign in the cost recovery letter and reupload.

We have submitted an updated letter to the file.

2. Please provide the filing number(s) for all US Earth station operations.

Aethero does not believe that its Earth station partner has filed for an STA to communicate with Titan at this time. Aethero will provide the associated file number when RBC files its application.

3. Please describe in detail what the simulated RPO will entail. Will these be calculations and/or dummy commands only that will not be sent to the spacecraft?

The simulated RPO, which would not have included dummy commands, is no longer part of Titan's CONOPS and therefore no calculations will be performed by the Titan edge computer for a simulated RPO.

4. In the spacecap, mark the intersatellite communications 4.4, both transmit and receive. These are not allocated transmissions.

Aethero has submitted an updated spacecap to the application file with this change implemented.

5. Orbital Debris 5(a). In the orbital debris report, page 12, two separate large object collision risk values are presented without further detail. Please explain the scenarios these values represent (spacecraft orientation, is the spacecraft deployed or stowed, etc.)

The separate values in the ODAR as presented were the result of a transcription error. Aethero has submitted an updated ODAR to the application file.

5(b). The post-mission disposal plans present in the orbital debris report on page 14, is the 350 km target altitude perigee only or both apogee and perigee?

The 350 km altitude was intended to be circular, as represented in Figure 6.2. The revised ODAR includes updated language to clarify this intent.

5(c). In the orbital debris report, page 14, you've indicated that station-keeping will cease prior to atmospheric reentry but the calculations starting on page 18 were performed with station-keeping turned off. Please redo all relevant calculations (large object risk, small object penetration, orbital lifetime) with station-keeping turned on.

The reference to station-keeping was stock language used to cover all potential activities that will be ceased prior to atmospheric reentry. Titan will not conduct station keeping and Aethero apologizes for the confusion.

5(d). Please provide the station-keeping tolerances as required by 47 CFR 5.64(b)(4)(i)(D)

The reference to station-keeping was stock language used to cover all potential activities that will be ceased prior to atmospheric reentry. Titan will not conduct station keeping and apologizes for the confusion.

5(e). Please provide the small object penetration number as required by 47 CFR 5.64(b)(2). This should be the overall number as reported by DAS

The small object penetration value, as reported by DAS, is: 0.0096384. This value is also provided in the updated ODAR.

We appreciate the opportunity to update our application documents and will stand by for any further questions.

Best regards,

Will