

To: david hinkley
E-Mail: david.a.hinkley@aero.org
From: Nimesh Sangani
Date: August 06, 2021

Subject: Additional Information Request

Message:

1) Is your satellite(s) going to be in the Sun Synchronous Orbit? (Yes/No). If yes, provide the Local Time of Ascending Node (LTAN).

2) You mentioned that there are two satellites. Please correct the ORB information that you provided.

Orbital Information on Non-Geostationary Satellites

(Transmitting and Receiving) (*ORB) For applications involving a single non-geostationary satellite or multiple non-geostationary satellites having similar orbital characteristics:

a. Enter the identifying Code REMnn *ORB followed by a comma.

b. In the next four spaces, enter the equatorial inclination angle in degrees, using leading zeros as necessary and a decimal with fractional degrees. In the next two spaces, enter the letters IN.

c. In the next five spaces, enter the apogee in kilometers, using leading zeros as necessary. In the next two spaces, enter the letters AP.

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1/2008 (Rev. 9/2009)

9.8.2

d. In the next five spaces, enter the perigee in kilometers, using leading zeros as necessary. In the next two spaces, enter the letters PE.

e. In the next six spaces enter the period, using leading zeros as necessary and a decimal for a fractional unit. If the period is less than 24 hours, enter the period in hours followed, in the next space, by the letter H; if 24 hours or more, enter the period in days followed in the next space, by the letter D.

f. In the next two spaces enter the number of satellites in the system, using a leading zero as necessary. In the next two spaces, enter the letters NR.

g. In the next three spaces, enter T01 for a non-geostationary transmitting satellite and R01, R02, etc. for each non-geostationary receiving satellite if the orbital information is for space-to-space transmissions. Entry is optional for other than space-to-space transmissions.

Example: *ORB,68.8IN40765AP00465PE12.283H01NR One satellite in the system having orbital characteristics as follows: 68.8 inclination, 40,765 kilometer apogee, 465 kilometer perigee, 12.283-hour period.

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 August 06, 2021 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 : 63840