

From: Stephen Horan

To: John Kennedy

Date: November 26, 2004

Subject:

FCC File # 0695-EX-ST-2004

Message:

Please report the orbital period in your response to this correspondence.

The initial orbital period is expected to be 88.90 minutes

Please provide answers to the following questions concerning the satellite reported in the exhibit submitted with this application.

1. Area to mass ratio?

Maximum area side: 0.233 square meters

Satellite Mass: 30 kg

Area/mass: 0.008 square meters/kg

2. Expected orbital lifetime?

2 to 3 days due to rapid orbital re-entry.

3. Large orbital avoidance plan?

None due to short orbital lifetime and low orbital altitude.

4. Is there the ability to deorbit the satellite?

There is no propulsion for de-orbit. The low orbit indicates that the satellite orbital lifetime should be 2 to 3 days before re-entry.

5. Is the lifetime is expected to be greater than 25 years?

No.