

From: Michael Miller

To: Nimesh Sangani

Date: July 20, 2020

Subject: Additional Information Request

Message:

1) Provide an Iridium companion license

Answer: We are in contact with Maureen McLaughlin, Regulatory staff at Iridium, and Joseph Godles, who are pursuing this companion license. We will post an update as soon as they have filed an application for the companion license.

2) Clarify/answer: If they are using a GPS to determine that they are "in Region 2" ? Are the GPS receivers on the sprites or are they on the main bus, and how do they shut down the sprites when they are not over the receiving earth station?

Answer: The GPS receivers are on the Sprites, one receiver per Sprite. The Sprite controller will enable radio transmission only when the GPS position shows that the Sprite is within a "fence", defined as the area where the signal from the Sprite, would only be received in Region 2, based on line of sight transmission.