

Answers to questions from SB Dec 2, 2024

1. Please mark all operations in the spacecap as 4.4 as there is no space research allocation in the 437 MHz range.

Answer: Spacecap has been modified to mark all operations as 4.4, and the modification has been uploaded as an exhibit to the application.

2. Please provide responses to the following requirements:

47 CFR 5.64(b)(5)(i) - How the operator plans to identify the space station following deployment and whether tracking is active or passive

Answer: Tracking is passive. We will attempt initial contact from the ground station, based on TLEs from Voyager Space, who are coordinating deployment from the ISS. Following this, we will obtain TLEs from Space-Track.org for the cluster of satellites deployed along with SilverSat. As the cluster drifts apart and distinct TLEs are provided for each of the cluster cohort, we will transmit to each of these in turn, until we determine which object is SilverSat, which we will report to the 18th Space Control Squadron.

47 CFR 5.64(b)(5)(ii) - Whether, prior to deployment, the space station will be registered with the 18th Space Control Squadron or successor entity

Answer: Yes, prior to deployment, the space station will be registered with the 18th Space Control Squadron or successor entity.

47 CFR 5.64(b)(5)(iii) - Extent to which the operator plans to share information with the 18th Space Control Squadron and other entities

Answer: As indicated above, when we determine which member of the cohort is SilverSat, we will report this to the 18th and other entities that may express an interest.