

From: Jeffrey Bridge

To: Leann Nguyen

Date: February 22, 2019

Subject: Request for Info - File # 0031-EX-CM-2019

---

Message:

New Shepard UHF uplink license is being modified to make corrections to the original license. The original license listed the uplink transmit location as the launch pad, whereas the transmitter will actually be installed on a support building about two miles south of the launch pad. The original also listed an omnidirectional antenna for the ground side of the link, whereas the transmitter will actually use a directional antenna pointing up toward the position of the vehicle during flight.