

Purpose of Modification of VARISAT License 0293-EX-CM-2021

This modification is being requested, to address the following changes to the mission:

Add a third satellite, identical to the two already in the mission.

Change the launch vehicle to SpaceX TR-5, launching from Cape Canaveral FL.

Change the launch date to No Earlier than June 1, 2022.

Change the orbit to 525 km circular SSO, inclination 97.5 degrees.

These modifications affect form 442, the Technical Description, The ODAR, the NTIA Space Data form and the Spacecap.

None of the emissions in the current license are changed by the modification. The modification only adds a third identical satellite, raises the orbit, and slips the NET launch date. The frequencies and modulations are the same.