

ADDITIONAL EARTH STATION INFORMATION
(FCC File No. 0968-EX-CN-2020)

Lockheed Martin Corporation ("Lockheed Martin") hereby supplements its above-referenced pending application to provide additional details related to the earth station facilities that will support this mission.

In its initial application, Lockheed Martin identified a list of possible ground facilities that could be chosen for use immediately in advance of launch and start of satellite operations. Any non-U.S. facilities will be licensed for use by the appropriate regulatory body within that jurisdiction.

The following facilities are identified for possible use in the United States. We hereby provide additional information related to those facilities to assist with domestic coordination:

- (1) Petaluma, CA
38 ° 16 ' 27.2 " N / 122 ° 39 ' 48.5 " W
FCC Call Sign E200663

Additional details:

1. Transmit antenna gain (dbi) - 36 dBic
2. Beamwidth of transmit antenna at the half-power points - 2.6°
3. Transmit antenna azimuth - 0-360°
4. Elevation of transmit antenna MSL (in meters) - 12 m
5. Elevation of transmit antenna AGL (in meters) - 5 m

- (2) Long Beach, CA
33 ° 46 ' 12.0 " N / 118 ° 11 ' 24.0 " W
This antenna is receive-only