

From: Bill LeBeau

To: Behnam Ghaffari

Date: January 31, 2020

Subject: 0025-EX-CN-2020

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Message:

In response to the FCC request for information issued January 17, 2020 (Ref. No. 52968) L3Harris Technologies, Inc. provides the following information:

a) You have indicated that the proposed operation is to fulfill a federal government contract (Question 7).

Please provide the contract number and POC associated with the contract.

FA8620-17-C-3193

Contract POC- Jessica Beahn, Jessica.Beahn@L3Harris.com

b) Please provide the following information:

With respect to the satellite(s):

1. Satellite coverage (Narrow Beam(NB) or Earth Coverage(EC)): NB
2. Receive antenna gain: 52 dBi
3. Beamwidth of the receive antenna at the half power points: ~0.4deg

With respect the transceiver ground-station antenna(s):

1. Beamwidth of transmit antenna at the half-power points: ~0.5deg
2. Transmit antenna azimuth: Hemispherical coverage for tracking low earth orbiting (LEO) satellite
3. Elevation of transmit antenna MSL (in meters): ~13m
4. Elevation of transmit antenna AGL (in meters): ~5m