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Exhibit 3: Earth Station (ES) in Laurel, Maryland USA

The REAL satellite will utilize an existing ES, located in Laurel, Maryland, USA. The name of this earth station is “APL-18”. The antenna will be operated in receive only mode. The ES is operated by Johns Hopkins University Applied Physics Lab (APL). URL: <http://www.scf.jhuapl.edu/>

The specific location of the ES is at 39°10' 2.58978" N, 76° 53' 55.56050" W. The street address is 11100 Johns Hopkins Road, Laurel, MD 20723-6099.

The full technical specifications of the APL ES can be found in the table below.

Table 1. S-band Characteristics of APL-18 ES in Laurel, Maryland

Parameter	Value
Antenna Type	60 foot (18.3 m) parabolic antenna
Tracking Velocity and Acceleration	X/Y antenna. Both axes are independent with a max velocity of 2.0 degree/sec and max acceleration of 1.0 degree/sec ²
Antenna Travel Range	5 degree elevation at any azimuth
Transmit RF Bands	None (operated in Rx only mode)
Receive RF Bands	2200-2204 MHz
Receive G/T	>28.3 dB/K
Receive Polarization	Simultaneous RHC and LHC