

Application for STA

Northrop Grumman Systems Corporation respectfully requests a 6-month STA for the purpose of completing tests on a satellite earth station pursuant to Navy contract N00019-08-C-0023.

The earth station will communicate with WGS-1 in the 7.9-8.4 GHz X band using 67 dBW EIRP and in the 30.0 - 31.0 GHz Ka band using 70 dBW EIRP with variable bandwidths ranging from 1.3 to 130.0 MHz. The antenna is an ASC 8.1 M with gains of 53 dBi in the S-band and 63 dBi in the Ka-band, ARSTRAT or ML-STD-188-164 sidelobe mask. The transmit antenna orientation will vary between 0-90 EL and 90-270 AZ with either LHCP or RHCP polarization.

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