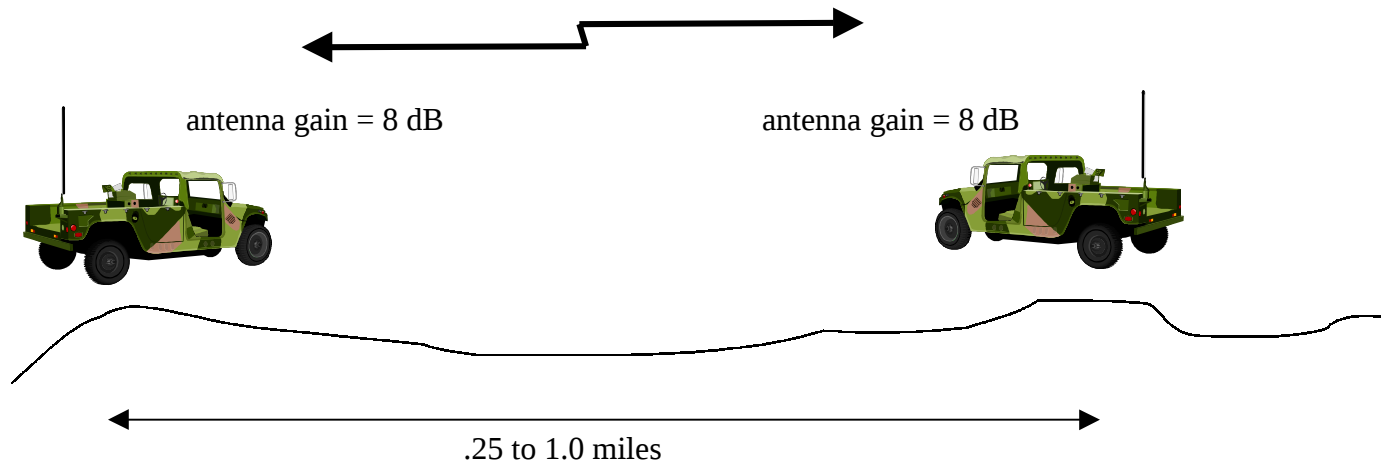


Exhibit #1 to FCC Form 422 for OBS Testing



All locations are on the Naval Research Laboratory Campus within a radius of 1.0 miles

Exhibit #2 to FCC Form 422 for OBS Testing

The Naval Research Laboratory is developing a data networking router to support mobile data communications. This mobile router is called On Board Switch (OBS). OBS will be used with terrestrial and mobile platforms to enable data exchanges between these platforms and a wide area network (like the internet).

This license is being requested to support the testing of the OBS. The communications links shown in Exhibit #1 will interconnect the terrestrial platforms. The testing of the OBS will be performed from November 2000 through January 2001. The RF communications links are to test the OBS and are not being developed to support a fielded OBS system. This is a short term, one time request.

All antennas have a gain of 8 dB azimuth beamwidth = 360 degrees
 elevation beamwidth = 20 degrees
6 watt amplifiers will be used at all locations