

Supplemental Statement for FCC Application

This application is for use on DARPA contract # D17PC00154.

Our research at the site will consist of collecting data on our system's wireless transmissions. The tests will transmit between four sites. One of these is the maritime site in San Pedro. The other three are in Point Mugu, China Lake, and the SPAWAR facility in San Diego. The tests between each pair of these sites will be:

1. Initial Over-the-Air Testing; 1-way beacons; <500 km
2. Link and Antenna Testing; 2-way; COTS modems; <500 km
3. SCYPE Waveform Testing; 2-way; Unpackaged prototype radios; <500 km
4. SCYPE Prototype Testing; 2-way; Unpackaged prototype radios; 80-4,500 km;
5. SCYPE Platform Integration Testing; Packaged prototype radios; Marlin AUV; <500 km

These tests are intended to show multi-node connectivity and long-term coverage and data rate predictability.