

Persistent Systems, LLC
Request for Grant of Special Temporary Authority
For Demonstration to United States Military
At Ricardo Defense Facility, Troy, Michigan
File No. 0672-EX-ST-2023

NARRATIVE EXPLANATION OF OPERATION

Persistent Systems, LLC requests a grant of special temporary authorization for terrestrial testing and demonstration of a portable data link system (MPU5 Wave Relay) at a testing event sponsored by the United States Army for United States Government stakeholders only. The testing and demonstration, referred to as TOCNET-G4 supporting SCI TOCNET, will be for a period of six days only, during the period April 16 through 21, 2023 (which includes the period of setup and all tests and demonstrations) for United States Army and other military personnel at the Ricardo Defense Facility, 300E Beaver Road #100, Troy, Michigan 48043.

To accommodate this demonstration and test, this STA application is necessary for the test event. Four frequencies, each with a 20 megahertz occupied bandwidth, centered at 2252 MHz, 2277 MHz, 4600 MHz and 4700 MHz, each using a 20M0D1D emission and omnidirectional antennas, with a TPO of 10 watts, and an ERP of 25 watts, involving four units total on each of the specified frequencies, are requested. Antenna heights above ground level will be at 3.05 and 18.29 meters respectively. All antennas are omnidirectional.

The Stop Buzzer contact at the events will be Mr. Jose Garcia of Persistent Systems, who can be reached at 917-721-5851 (mobile). Throughout the testing period, complete shutdown of all antennas can be accomplished immediately. Should any interference be reported, all testing and evaluations will cease immediately and will not resume unless and until all such interference is resolved to the reasonable satisfaction of the complainant.

Other questions should be directed to undersigned communications counsel, who can be reached as follows:

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