

Persistent Systems, LLC
Request for Grant of Special Temporary Authority
File No. 1424-EX-ST-2021

NARRATIVE EXPLANATION OF OPERATION

Persistent Systems, LLC requests a grant of special temporary authorization for terrestrial and shipboard testing and demonstration of a MANET portable Unit 5 data link system (MPU5) for ultimate deployment by the United States Coast Guard and the Department of Homeland Security. The testing and demonstration will be for a period of two weeks only, during the period September 27 and October 8, 2021 (which includes the period of setup and all testing) at the United States Coast Guard Research & Development Center located in New London, Connecticut. This facility is the Coast Guard's center for operational analysis and mission execution solutions.

Persistent Systems has developed the MANET Portable Unit 5 (MPU5) data link system for use between ships and buildings. The Department of Homeland Security, through the United States Coast Guard, has expressed a strong interest in this product and has requested demonstration of the system for evaluation in their mobile and maritime operations. To accommodate this request, this STA application is necessary for a test event for the Coast Guard. The demonstration will provide sufficient data and proof of concept for the operation and the capabilities of the MPU5 communications system for ship-to-ship communications by the Coast Guard. The frequencies specified herein are a subset of those that Persistent Systems uses pursuant to an Experimental authorization (File No. 0545-EX-CR-2020) at a location within 20 miles of New York City.

The Stop Buzzer contact at the events will be Mr. Jose Garcia of Persistent Systems, who can be reached at 917-721-5851. 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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