

Persistent Systems, LLC
Request for Grant of Special Temporary Authority
File No. 1662-EX-ST-2021

NARRATIVE EXPLANATION OF OPERATION

Persistent Systems, LLC requests a grant of special temporary authorization for terrestrial testing and demonstration of a portable data link integrated network (MPU5) at a testing event by invitation of the South Carolina Air/Army National Guard (SCANG). SCANG is interested in the use of this network in support of humanitarian aid disaster relief (HADR). The testing and demonstration will be for a period of six days only, during the period November 8 through November 13, 2021 (which includes the period of setup and all testing) in an 8-mile area around the Waterree River, near Eastover in South Carolina. The network will be evaluated in terms of video and audio in a simulated hurricane-devastated area.

To accommodate this invitation, this STA application is necessary for the test event. A single frequency, centered at 2277 MHz, using a 20M0D1D emission and an omnidirectional antenna, with a TPO of 10 watts, and an ERP of 10 watts, is requested.

The Stop Buzzer contact at the event will be Mr. Robert Elliot of Persistent Systems, who can be reached at 540-359-1610 (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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