

Persistent Systems, LLC
Request for Grant of Special Temporary Authority
File No. 1988-EX-ST-2018

NARRATIVE EXPLANATION OF OPERATION

This is a refiling of an STA request that has been granted by the Commission for a period to begin December 1, 2018 and end June 2, 2019 (See, WN9XPO, File Number 1810-EX-ST-2018). This new application for the same facilities is necessitated by the fact that as filed and as granted, the prior application specified an incorrect Effective Radiated Power and an Incorrect Transmitter Power Output. This application corrects those figures. Because the power difference is not trivial, this additional STA filing was suggested by a member of the Commission's staff. Because the facilities specified herein are for use in fulfilling a contract for the United States Air Force, it is necessary to request expedited re-processing of this application so that no time is lost in the testing process.

Persistent Systems, LLC requests a grant of special temporary authorization for terrestrial-only testing of a mobile networking (MANET) system to fulfill a contract for the United States Air Force at four locations at and near Malmstrom Air Force Base in Montana. It is urgent to conduct point-to-point testing of embedded modules utilizing C-band embedded antennas. The antennas will be directional with 23 dB gain. The center frequency at each location will be 4550 MHz with a 20 megahertz occupied bandwidth. The Effective Radiated Power will be 1259 watts. Two of the four locations specified herein are under the control of the United States Air Force and are used with permission.

Throughout the testing period, complete shutdown of all antennas can be accomplished immediately.

Should any interference be reported, all testing and demonstrations will cease immediately and will not resume unless and until all such interference is resolved to the reasonable satisfaction of the complainant.

The stop buzzer contact for this operation is Mr. Matt Buhler, whose mobile number is 646-627-8174. Other questions should be directed to undersigned communications counsel, who can be reached as follows:

Christopher D. Imlay
Booth, Freret & Imlay, LLC
14356 Cape May Road
Silver Spring, MD 20904-6011
(301) 384-5525 office telephone
(301) 384-6384 facsimile
(301) 351-3795 mobile
chris@imlaylaw.com