

Persistent Systems, LLC
Request for Renewal of Experimental License Authority
WK2XKM, File No. 0486-EX-CR-2021

NARRATIVE EXPLANATION JUSTIFYING RENEWAL

Persistent Systems, LLC requests renewal of the above referenced experimental authorization to test tracking and other antenna designs over an additional two-year period. The tests utilize two frequency ranges for production of equipment for Federal agencies only. This is entirely terrestrial operation, which is ongoing with respect to radio modules in the bands 2200-2290 MHz and 4335-4455 MHz. The systems are MANET systems and component products for military deployment only using the antennas under test.

Persistent Systems, LLC, a Limited Liability Company based in New York City, is an American manufacturer of high speed, secure data networking equipment for both military/defense and industrial, non-government applications. Principally, Persistent manufactures scalable mobile networking systems based on Wave Relay MANET (Mobile Ad Hoc Networking) Technology. Persistent's products permit voice, video, and situational awareness to mobile users with no reliance on fixed infrastructure. For more than a decade, Persistent has been a pioneer in developing advanced MANET technology and commercializing it in the Defense and Industrial sectors.

Persistent has ongoing R&D activities to develop MANET products for Army, Navy and other Defense Department deployment which necessitates a longer period of testing and deployment at its facilities at Columbia River Gorge than has been available during the last two years due to COVID restrictions. No interference has been reported during the prior experimental authorization term. Frequency changes can be made remotely should the need to do so arise to avoid interference. All operation will cease immediately in case of any reported interference and not resume until the complaint is resolved to the reasonable satisfaction of the complainant.

The stop buzzer contact for this operation is Ms. Temeasha Scott, RF Network Engineer at Persistent Systems, LLC, who can be reached at 646-518-8966, or by mobile phone at 706-409-6820. Her e-mail address is tscott@persistentsystems.com.

Other inquiries can be directed to communications counsel for the applicant:

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