

Why a Special Temporary Authorization is Necessary:

The purpose of this application is to support temporary operations during a DoD sponsored exercise.

Operation Description:

Wave Relay is a Mobile Ad Hoc Networking System (MANET) designed to maintain connectivity on the move. It is a scalable, peer-to-peer network which provides data, video, and voice.

Table (1) lists the equipment specifications, including frequency band of operation, transmitter output power, emissions, antenna types and gains, as well as maximum ERP.

Frequency Data	
Transmit	2400-2482 MHz
Transmitter Data	
Transmitter Model	WR-BRD3-12-F
Transmitter Manufacturer	Persistent Systems
Transmitter Power Output	2 Watts
Antenna Data	
Antenna Gain	4 dBi Gain Dipole Omni Persistent Systems ANT-2012
Power ERP	3.1 Watts
Emission Data	
Emissions	3M85G1D 7M7G1D

Table 1 – Equipment Data

Table (2) lists the locations/areas of operations, as well as the station class of the operation.

City	State	Latitude	Longitude	Radius (KM)	Station Type
Wallops Island	VA	37-51-43N	075-27-07W	30	Mobile
Virginia Beach	VA	36-51-00N	075-58-29W	40	Mobile

Table 2 – Location Data

Operation Period:

Start Date: April 10, 2017

Stop Date: June 30, 2017

Stop Buzzer POC:

The “Stop Buzzer” point of contact is:

John Brennan

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