

Project Description

A new 24-month application of an existing Lockheed Martin facilities test tower, is proposed for control operation of the AN/WLD-1(V) Remote Multi-Mission Vehicle (RMMV) in support of the US Navy's Remote Minehunting System (RMS) and Multi-Vehicle Communication System (MVCS) programs. This experiment is necessary for development and integration of the radio communication link between the control and remote stations.

Three antennas described in the antenna information exhibit are shown in the test configuration below. The antennas connected to transmitters described in the application will be located in a radio equipment shelter. This facility is intended to support radio control of mobile AN/WLD-1(V) vehicles to verify performance to US Navy requirements. Remotely controlled mobile vehicles are licensed separately, such as under call sign WA2XSX (FCC File number 0185-EX-RR-2009). System performance verification to US Navy requirements will be performed through engineering development, manufacturing testing and other demonstrations.

