

Project Description

Lockheed Martin is seeking approval for its application for an Experimental Radio License to advance technological innovation that will enable the reliable detection, tracking, and classification of people and vehicles.

The testing will use a commercial Furuno maritime X band radar, the FAR-2127 25KW TR-up, with 4ft, or 6.5ft, or 8ft wide Furuno slotted waveguide antenna. Signal processing of the radar output is performed to enable its use for over-land surveillance. Such enhanced data collections will provide technology advancements in the detection of known people and vehicles in flat low clutter and rugged high clutter environments.