

**SUBJECT: FCC Experimental License Request for ELTA Systems  
Model EL/M-2112 Persistent Ground Surveillance Radar  
FCC File Number 0603-EX-PL-2011**

**Purpose of Operation:** Raytheon Network Centric Systems (NCS) is developing and testing a mobile surveillance system based on commercial off-the-shelf radars that include the ELTA Systems EL/M-2112 Persistent Ground Surveillance radar. These radars are deployed along with electro-optical/infrared cameras to detect intruders along international borders and to provide surveillance around building and facility perimeters.

**Explanation:** The objective of this operation is to integrate sensors, cameras and microwave radios in various configurations (high, medium and basic capability) and validate each design/system for use by customers. Sensor and camera information is routed to the command post over microwave radio links.

This operation was previously authorized by FCC grant of Special Temporary Authorization, Call Sign WE9XZW, File Number 0458-EX-ST-2011.

The point of contact for interference matters is Mark Volpe at (727) 302-2772.