

**SUBJECT: FCC Experimental License Request for Elta Systems Ltd
EL/M-2112 Ground Radar Sensor
FCC File Number 0567-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 radar (Elta Systems EL/M-2112 Ground Radar Sensor) and electro-optical/infrared cameras that can be used to monitor a border, perimeter or homeland security system.

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 WE9XZX, File Number 0427-EX-ST-2011.

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