

**SUBJECT: FCC Experimental License Request for Syracuse Research Corporation SR-Hawk Ground Radar Sensor  
FCC File Number 0594-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 including the SR Hawk radar, manufactured by Syracuse Research Corporation, and electro-optical/infrared cameras that can be use for border and perimeter surveillance.

**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 0455-EX-ST-2011.

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