

**SUBJECT: FCC Experimental License Request for Syracuse Research Corporation SR-Hawk Ground Surveillance Radar
FCC File Number 0635-EX-PL-2011**

Purpose of Operation: Raytheon Network Centric Systems (NCS) is developing and testing mobile surveillance systems based on commercial off-the-shelf sensor equipments including Syracuse Research Corporation's SR Hawk (V2) Ground Surveillance Radar. The radars work in concert with electro-optical/infrared cameras to provide border and perimeter security.

Explanation: The objective of this operation is to integrate the sensors and cameras into 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 0492-EX-ST-2011.

The point of contact for interference matters is Mark Volpe at (727) 302-2772 or (727) 512-0305.