

**SUBJECT: FCC Experimental License Request for Plextek Blighter
Model B400 Ground and Perimeter Surveillance Radar
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 that include the Plextek Blighter B400 series radar that work in concert with electro-optical/infrared cameras to provide border and perimeter security.

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 WF9XBI, File Number 0473-EX-ST-2011.

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