

**SUBJECT: FCC Experimental License Request for Plextek Blighter
B400-HP Series Radar /FCC File Number 0565-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 (Plextek Blighter Model B400-HP series) 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 WE9XZW, File Number 0456-EX-ST-2011.

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