

Border Radar Special Temporary Authority (STA) License Authorization Request

Purpose of Operation

Raytheon Network Centric Systems (NCS) has been developing a SR1500 Short-Range critical Infrastructure Protection Radars System that has a 90-degree quadrant staring radar with moving target indication designed for perimeter intrusion detection applications around secure facilities such as airports, seaports, utilities and other critical infrastructure.

SR1500 Current application for experimental license;

- File Number: 0103-EX-ST-2011
- Class of Station: FX
- Station Locations: McKinney ,TX
- Effective: 03/07/2011
- Expiration: 09/07/2011

Experimental Explanation

To provide A network of low power, short range (1.5 km) radars are deployed at fixed locations around critical infrastructure sites to provide perimeter security. An Ethernet based network provides communication between multiple radar and electro-optic sensors.