

# **PANYNJ (CIPRadar) Special Temporary Authority Request**

## **1 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. The Port Authority for New York and New Jersey is wanting test this system at their airports.

- File Number: 0430-EX-ST-2011
- Class of Station: FX
- Station Locations: FX
- Effective: 07/18/2011
- Expiration: 01/18/2012

## **2 STA Explanation**

As detailed in paragraph 1 above, PANYNJ seeks this STA in order to allow testing 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