

MainGate FCC Experimental License Request

1 Purpose of Operation

Raytheon Network Centric Systems (NCS) to demonstrate High Speed Data Gateway radio System for interoperability. This system requires 12 channels of 1.2 MHz bandwidth with a 20 MHz span of operation.

- File Number: 0177-EX-ML-2012
- Class of Station: MO
- Station Locations: MOBILE
- Effective: 10/12/2012
- Expiration: 10/01/2014

2 Explanation

As detailed in paragraph 1 above, Raytheon seeks this experimental License in order to allow testing and technical demonstrations of this system in the McKinney, Texas area of operation. **This License is for developmental and technical demonstrations.**

3 Reason for Modification of this license

- a. To increase the power.
- b. Add additional modulation for testing with EPLRS system.