

LA-RICS FCC Experimental License Request

1 Purpose of Operation

Raytheon Network Centric Systems (NCS) to demonstrate The Los Angeles Regional Interoperable Communication System (LA-RICS) will remedy the communication challenges. Through a joint effort, of the Los Angeles region's public safety agencies are planning a regional, interoperable radio system that would enable first responders to communicate with each other during routine and emergency operations:

- File Number: 0204-EX-ST-2009
- Class of Station: MO
- Station Locations: MOBILE
- Effective: 06/01/2009
- Expiration: 01/01/2010

By its application, The Los Angeles Regional Interoperability Communications System (LA-RICS) will demonstrate the following:

- Provide unified voice and data communications platforms for all first responders in the region
- Eliminate the duplication of costs and effort involved in maintaining separate systems
- Provide instantaneous communications among agencies in the event of a man-made or natural disaster
- Support the day-to-day communications needs within individual public safety agencies

2 STA Explanation

As detailed in paragraph 1 above, Raytheon seeks this STA in order to allow testing and technical demonstrations of the interoperability telecommunications platform to enhance Public Safety Communication in Los Angeles. Emergency day-to-day operation, require communication and coordination on the part of law enforcement, fire and emergency medical first responders. However, because of fragmented and obsolete radio systems, many public safety agencies in the Los Angeles region operate in an environment where it is difficult, if not impossible, to communicate with one another.