

Raytheon IIS
Experimental License Renewal Application
File No.: 0401-EX-CR-2017

Explanation of Experiment

Overview:

Raytheon IIS develops a number of advanced communications technologies that are utilized by federal government customers in their work.

Explanation of Experiment:

Raytheon is continuing to work on the development of an advanced VHF command and control communications system that can be used to enhance border surveillance. The new technology is based on a Harris Radio solution, with advanced adaptations to the current needs. Raytheon is seeking to renew WH2XXK to continue this experimentation.

The system is installed at New Mexico State University where the system is being tested and evaluated. The system requires the use of three (3) 25 kHz channels.

Area of Operations:

Operations will be conducted within a 75 kilometer radius of the center coordinates.

Stop Buzzer Point of Contact:

Brian R. Kavalal, Spectrum Manager
(317) 306-7793 (office)
(317) 517-9989 (cell)
Brian_r_kavalal@raytheon.com

Conclusion:

This authorization is required for testing of an advanced border surveillance system that uses low frequency Harris radios for advanced performance. The operation of the system is being evaluated at New Mexico State University.

For any questions regarding this application, please contact Brian R. Kavalal, Spectrum Manager or Anne Cortez, WFS, 520-344-8525 or alc@conspecinternational.com. Thank you very much for your consideration.