

Raytheon IIS
Experimental License Application
File No.: 0464-EX-PL-2015

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 working 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.

The system will be installed at New Mexico State University where the system will be tested and evaluated. The system requires the use of three (3) 25 kHz channels. The channels requested here are identical to those granted by the FCC under STA WI9XIL.

Area of Operations:

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

Stop Buzzer Point of Contact:

Brian R. Kavalor, Spectrum Manager
(317) 306-7793 (office)
(317) 517-9989 (cell)
Brian_r_kavalor@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 will be evaluated at New Mexico State University.

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