

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION

455 12TH STREET, S.W.

WASHINGTON, D.C. 20554

News media information 202/418-0500 Fax-On-Demand 202/418-2830

Released: April 11, 2012

Report No. 442 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 2/1/12 to 3/1/12:

- **WF2XTR SOUTH CENTRAL LOUISIANA TECHNICAL COLLEGE, YOUNG MEMORIAL CAMPUS 0175-EX-PL-2011**
New experimental to operate in 1710-4000 kHz, 2000-27500 kHz and 156-158 MHz for testing of Global Maritime Distress and Safety Systems.
Fixed: Morgan City (La Salle), LA
- **WG2XCK NORTHWESTERN CORPORATION 0018-EX-PL-2012**
New experimental to operate in 174-216 MHz for testing smart grid application in white space spectrum.
Fixed & Mobile: Philipsburg (Granite), MT
- **WG2XCF UNIVERSITY OF NOTRE DAME DU LAC 0012-EX-PL-2012**
New experimental to operate in 460 – 500 MHz, 902 – 928 MHz, 2.402 - 2.483 GHz, 5.725 - 5.875 GHz and 24.00 - 24.25 GHz for waveform research testing.
Fixed: Notre Dame (St. Joseph), IN
- **WG2XBA QUALCOMM INCORPORATED 0646-EX-PL-2011**
New experimental to operate in 536 – 548 MHz, 578 – 590 MHz and 656 – 668 MHz for testing 3G and next-generation mobile technologies.
Mobile: 2 mile radius of 5775 Morehouse Drive, San Diego, CA
- **WF2XWU LOCKHEED MARTIN CORPORATION 0370-EX-PL-2011**
New experimental to operate on 1047.619048, 1063.492063 and 1111.111111 MHz to perform calibrated measurements of the RADAR CROSS-SECTION (RCS).
Fixed & Mobile: Bithlo (Orange), FL
- **WF2XZF LOCKHEED MARTIN CORPORATION 0539-EX-PL-2011**
New experimental to operate in 1625.50 - 1660.50 MHz for testing of BATTLE FORCE TRACKER 2 (BFT2) transceivers using Inmarsat satellites.
Mobile: Syracuse (Onondaga), NY
- **WG2XBN LOCKHEED MARTIN CORPORATION 0015-EX-PL-2012**
New experimental to operate on 1676 MHz, 1678 MHz, 1680 MHz and 1682 MHz to test and verify the proper operation of the MKIIA Radiosonde.
Mobile: Marion, MA
- **WG2XAQ EAGLE PROJECT CORP. 0561-EX-PL-2011**
New experimental to operate on 1792 MHz for testing technology for government contract.
Fixed & Mobile: McLean (Fairfax), VA

- **WG2XDC THE MITRE CORPORATION 0040-EX-PL-2012**
New experimental to operate in 1915 – 1920 MHz to develop network routing algorithms working on peer-to-peer prototype radios
Fixed & Mobile Bedford (Middlesex), MA; McLean (Fairfax), VA
- **WF2XXB LOCKHEED MARTIN CORPORATION 0383-EX-PL-2011**
New experimental to operate on various frequencies between 2000 MHz and 25330.708661 MHz to perform testing for the Radar Cross-Section (RCS)
Fixed: Bithlo (Orange), FL
- **WG2XAJ PRAXIS ENGINEERING TECHNOLOGIES, INC. 0483-EX-PL-2011**
New experimental to operate in 2315-2320 MHz for equipment testing.
Fixed: Linthicum Heights (Anne Arundel), MD
- **WG2XCV THE BOEING COMPANY 0071-EX-PL-2012**
New experimental to operate in 2400 – 2483 MHz to demonstrate the control of multi-UAV.
Fixed & Mobile: China Lake (Kern), CA
- **WG2XDH NEWNET COMMUNICATION TECHNOLOGIES, LLC. 0063-EX-PL-2012**
New experimental to operate in 2500-2655 MHz to test and demonstrate prototype devices under development.
Mobile: Arlington Heights, IL
- **WG2XCG CLEMSON UNIVERSITY 0029-EX-PL-2012**
New experimental to operate in 2502-2535 MHz for WiMax testing.
Fixed: Greenville (Greenville), SC; Clemson (Pickens), SC
- **WG2XBY THALES USA INC 0035-EX-PL-2012**
New experimental to operate on 2575 MHz for demo testing
Fixed: Las Vegas (Clark), NV
- **WG2XBX ECE DEPARTMENT, DREXEL UNIVERSITY 0036-EX-PL-2012**
New experimental to operate on 2590 MHz for testing WiMAX
Fixed: Philadelphia (Philadelphia), PA
- **WG2XCS NORTHROP GRUMMAN SYSTEMS CORPORATION 0030-EX-PL-2012**
New experimental to operate in 3100-3500 MHz for tests and demonstrations of newly-designed equipment being developed for sale to the U.S. military.
Fixed: Linthicum and Hanover (Anne Arundel), MD
- **WG2XAX BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. 0630-EX-PL-2011**
New experimental to operate in 4400 - 4990 MHz, 14.50 - 14.602 GHz, 14.61 - 15.242 GHz and 15.25 - 15.35 GHz for testing antennas.
Mobile: Temporary Fixed (Ground), Merrimack, NH
- **WG2XAP RAYTHEON NETWORK CENTRIC SYSTEMS 0626-EX-PL-2011**
New experimental to operate in 4900 – 4990 MHz for testing a mobile surveillance system
Fixed & Mobile: La Cruces (Dona Ana), NM
- **WG2XBP CBF NETWORKS 0019-EX-PL-2012**
New experimental to operate in 5250 - 5350 MHz and 5725 - 5875 MHz for equipment testing.
Fixed & Mobile: San Jose (Santa Clara), CA
- **WG2XDN TELEPHONICS CORPORATION 0090-EX-PL-2012**
New experimental to operate on 8850 MHz for test, development, and demonstration of ground surveillance radar.
Fixed & Mobile: Farmingdale (Suffolk), NY; Tucson (Pima), AZ

- **WF2XWP LOCKHEED MARTIN CORPORATION 0374-EX-PL-2011**
New experimental to operate on various frequencies between 9003.670588 MHz and 9196.551181 MHz to perform testing for the Radar Cross-Section (RCS).
Fixed & Mobile: Bithlo (Orange), FL
- **WG2XAM RAYTHEON NETWORK CENTRIC SYSTEMS 0603-EX-PL-2011**
New experimental to operate in 10250 – 10500 MHz for testing a mobile surveillance system
Mobile: Las Cruces, NM
- **WG2XCL THE BOEING COMPANY 0061-EX-PL-2012**
New experimental to operate in 12 – 18 GHz and 26.50 – 40 GHz for testing Ku and Ka band transmit/receive antenna performance.
Fixed: Renton (King), WA
- **WG2XCM THE BOEING COMPANY 0062-EX-PL-2012**
New experimental to operate in 12 – 18 GHz and 26.50 – 40 GHz for testing Ku and Ka band transmit/receive antenna performance.
Fixed: Kent (King), WA
- **WG2XBR GENERAL DYNAMICS C4 SYSTEMS 0613-EX-PL-2011**
New experimental to operate in 16.2 - 17.2 GHz to build and operate a prototype border protection system demonstration site to support US Government contract pursuits.
Fixed: Mesa (Maricopa), AZ
- **WG2XBC COBHAM DEFENSE ELECTRONIC SYSTEMS CORPORATION 0585-EX-PL-2011**
New experimental to operate on 24 GHz for testing for government contract.
Mobile: Within 1.61 km Radius of 1001 Pawtucket Boulevard, Lowell, MA