

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: August 8, 2014

Report No. 458 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 6/1/14 to 6/30/14:

- **AEROSPACE CORPORATION, THE 0311-EX-PL-2014 WH2XEY**
New experimental to operate on 914.7 MHz for Satellite testing
Fixed & Mobile: El Segundo (Los Angeles), CA; San Luis Obispo (San Luis Obispo), CA; College Station (Brazos), TX; Gainesville (Alachua), FL; Nongeostationary Space Orbit
- **APPAREO SYSTEMS, LLC 0400-EX-PL-2014 WH2XHM 433-434 MHz**
New experimental to operate in 433-434 MHz for testing a Part 15 tag reader system
Fixed: Fargo (Cass), ND; Jackson (Jackson), MN; Heston (Harvey), KS
- **BOOZ ALLEN HAMILTON ENGINEERING SERVICES, LLC 0366-EX-PL-2014
WH2XGV**
New experimental to operate on 700 MHz for testing LTE
Fixed & Mobile: Linthicum (Anne Arundel), MD
- **C SPEED, LLC 0390-EX-PL-2014 WH2XGD**
New experimental to operate in 2900 – 3100 MHz for Radar testing
Fixed: Port Sanilac (Sanilac), MI
- **COMMUTER AIR TECHNOLOGY 0321-EX-PL-2014 WH2XFW**
New experimental to operate in 884.80 - 930.20, 1742.20 - 1744.00 and 1837.20 - 1839.00 MHz for testing equipment for the US military
Fixed: Vian (Muscogee), OK
- **COMMUTER AIR TECHNOLOGY 0322-EX-PL-2014 WH2XFX**
New experimental to operate in 1532.50 - 1554.50 and 1634.00 - 1656.00 MHz for testing equipment for the US military
Fixed: Vian (Sequoyah), OK

- **FLUX RESEARCH GROUP -UNIVERSITY OF UTAH** **0408-EX-PL-2014** **WH2XFV**
 New experimental to operate in 1710.00 - 1770.00 and 2110.00 - 2170.00 MHz to research a programmable end-to-end mobile network testbed
 Mobile: Within the Merrill Engineering Building, Salt Lake City, UT
- **FUJITSU NETWORK COMMUNICATIONS** **0423-EX-PL-2014** **WH2XGM**
 New experimental to operate in 71.125 - 85.625 GHz for testing Fujitsu GX4000 E-Band radio system
 Fixed: Overland Park (Johnson), KS; Mountain View, CA
- **GOOGLE INC.** **0347-EX-PL-2014** **WH2XGW**
 New experimental to operate in 1745-1755 MHz and 2145-2155 MHz to test communications.
 Mobile: Carlin, NV: max altitude 65,000 ft.
- **HIGHER GROUND LLC** **0443-EX-PL-2014** **WH2XHP**
 New experimental to operate in 5925-5930 MHz, 5935-5945 MHz, 5955-5965 MHz, 5975-5985 MHz and 5995-6005 MHz to test and develop new prototype user terminals that attach to existing smartphones for the provision of satellite-based text messaging
 Mobile: Palo Alto, CA
- **INTELLISAW** **0446-EX-PL-2014** **WH2XGR**
 New experimental to operate on 400 MHz To test a radio system
 Mobile: Within the State of MA
- **L-3 COMMUNICATIONS / RANDTRON ANTENNA SYSTEMS** **0128-EX-PL-2014**
WH2XFO
 New experimental to operate in 50.00 - 73.00, 76.00 - 88.00 and 138.00 - 224.00 MHz to test and evaluate broadband technology
 Fixed: Half Moon Bay (San Mateo), CA
- **LOCIVA** **0371-EX-PL-2014** **WH2XFG**
 New experimental to operate on 1500 MHz and 1600 MHz for testing systems for military use
 Fixed & Mobile: Aberdeen Proving Grounds (Harford), MD; Ft. Dix (Burlington), NJ
- **LOCKHEED MARTIN CORPORATION** **0392-EX-PL-2014** **WH2XFM**
 New experimental to operate in 3-30 MHz To test antennas
 Mobile: Moorestown, NJ
- **MOLITOR, LAWRENCE H.** **0430-EX-PL-2014** **WH2XGP**
 New experimental to operate on 400 kHz to test and design of antenna and transmitter
 Fixed: Quincy (Grant), WA
- **NORTHROP GRUMMAN SYSTEMS CORPORATION** **0114-EX-PL-2014** **WH2XFE**
 New experimental to operate 2470-2490 MHz for development and test of equipment capable of transmitting data from airborne sensor systems to ground base stations in support of investigation and development of C4ISR for potential government defense applications
 Mobile: Linthicum (Anne Arundel), MD altitude no higher than 18,000 feet MSL

- **NORTHROP GRUMMAN SYSTEMS CORPORATION 0297-EX-PL-2014 WH2XFL**
 New experimental to operate on 10.5, 11, 11.5, 12, 12.5, 13, 13.5, 14, 14.5, 15, 15.5, 16, 16.5 and 17 GHz to demonstrate radio frequency electronic warfare technology
 Mobile: Palm Bay, FL - Willow Brook Road Test Area
- **OCEUS NETWORKS 0403-EX-PL-2014 WH2XGG**
 New experimental to operate in 1755.00 - 1785.00 and 1805.00 - 1850.00 MHz for equipment testing
 Fixed & Mobile: The Colony (Denton), TX
- **OCEUS NETWORKS 0405-EX-PL-2014 WH2XGI**
 New experimental to operate in 891.50 - 915.00 and 925.00 - 960.00 MHz for testing cellular equipment for military contract
 Fixed & Mobile: The Colony (Denton), TX
- **OSU-UNIVERSITY MULTISPECTRAL LABORATORIES, LLC 0383-EX-PL-2014 WH2XGA**
 New experimental to operate in 1500 MHz and 1600 MHz bands for testing systems for military use
 Fixed: Newkirk (Kay), OK
- **RAYTHEON INTEGRATED DEFENCE SYSTEMS 0295-EX-PL-2014 WH2XDNT**
 New experimental to operate in 905.00 - 925.00 MHz to test a prototype radar system
 Fixed: Portsmouth (Newport), RI
- **RAYTHEON INTEGRATED DEFENSE SYSTEM 0395-EX-PL-2014 WH2XFN**
 New experimental to operate on 10 GHz For research and demonstration of a mobile surveillance radar system
 Mobile: McKinney, TX
- **SIKORSKY AIRCRAFT CORPORATION 0470-EX-PL-2013 WG2XTQ**
 New experimental to operate on 1030 MHz to operate a WTB developmental license
 Fixed: Shelton, CT
- **SOFTRONICS LTD 0212-EX-PL-2014 WH2XGX**
 New experimental to operate on 29.701 MHz and 29.8 MHz to test a long-range, line-of-sight animal health and location telemetry tag.
 Mobile: Within the State of Iowa