

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: November 24, 2014

Report No. 461 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 9/1/14 to 9/30/14:

- **ADVANCED NAVIGATION & POSITIONING 0460-EX-PL-2014 WH2XIW**
New experimental to operate on 1030 MHz and 1090 MHz for testing a Local Area Multilateration System
Fixed: Taos (Taos), NM
- **AIRSIS, INC. 0517-EX-PL-2014 WH2XJI**
New experimental to operate on 161 MHz for testing an underwater pipeline notification system
Fixed: Fourchon (LaFourche), LA
- **ALTIOSTAR NETWORKS, INC. 0647-EX-PL-2014 WH2XKS**
New experimental to operate on 2.5 GHz for testing 4G microcellular system
Fixed & Mobile: 8km radius from Tewkesbury (Middlesex), MA
- **ALTIOSTAR NETWORKS, INC. 0651-EX-PL-2014 WH2XKU**
New experimental to operate on 2.5 GHz for testing 4G microcellular system
Fixed & Mobile: 4km radius from San Jose (Santa Clara), CA
- **ASTRONICS AEROSAT CORPORATION 0579-EX-PL-2014 WH2XJQ**
New experimental to operate on 14 GHz for equipment testing
Mobile: CONUS and adjacent international waters
- **AT&T SERVICES INC. 0610-EX-PL-2014 WH2XKK**
New experimental to operate in 863.00 - 870.00 MHz for testing devices for use outside of the US
Fixed: Atlanta (Fulton), GA

- **BOEING COMPANY, THE 0010-EX-PL-2014 WG2XZP**
 New experimental to operate on 161.975 and 162.025 MHz for testing the capabilities of AIS.
 Mobile: Huntington Beach (Orange), CA
- **BOEING COMPANY, THE 0612-EX-PL-2014 WH2XJL**
 New experimental to operate in 14000 – 14500 MHz for testing of BBSN Boeing Phased Array
 Mobile: CONUS, Alaska, Hawaii, U.S. Territories
- **CODAR OCEAN SENSORS LTD. 0564-EX-PL-2014 WH2XKC**
 New experimental to operate on 9.3 MHz for testing coastal radar system
 Mobile: San Francisco Bay and Monterey Bay area, CA
- **COMMUTER AIR TECHNOLOGY 0251-EX-PL-2014 WH2XEN**
 New experimental to operate in 262 – 268 MHz and 388 – 394 MHz for testing for government contract
 Mobile: Inside confines of Camp Gruber, Muscogee, OK
- **GENERAL DYNAMICS-OTS, INC. 0614-EX-PL-2014 WH2XKX**
 New experimental to operate in 10.7-12 GHz for testing to support the production of radomes.
 Mobile: Marion, VA, Temporary Fixed Ground Operations
- **GLOBE WIRELESS RADIO SERVICES 0147-EX-PL-2014 WH2XFC**
 New experimental to operate on 19.7594 MHz, 19.7624 MHz, 22.7624 MHz, 22.7634 MHz and 26.1464 MHz to test back-up HF communications
 Fixed: Flanders (Suffolk), NY
- **HARRIS CORPORATION 0521-EX-PL-2014 WH2XJE**
 New experimental to operate on various HF frequencies between 6060.00 and 22380.50 kHz to conduct testing and military observed on-air demonstrations of a HF wideband waveform.
 Fixed: Rochester (Monroe), NY; Fayetteville (Sampson), NC; Colorado Springs (El Paso), CO; Mary Esther (Walton), FL
- **INTERNATIONAL MET SYSTEMS INC 0635-EX-PL-2014 WH2XKJ**
 New experimental to operate in 401.96 - 405.04 MHz to test atmospheric sounding system
 Mobile: Affixed to an ascending meteorological balloon, Cape Canaveral, FL
- **KYMETA CORPORATION 0617-EX-PL-2014 WH2XJY**
 New experimental to operate in 28050.00 - 28128.00 MHz and 28172.00 - 28250.00 MHz to test a microwave antenna technology
 Fixed: Bristow (Prince William), VA; Redmond (King), WA
- **LOCIVA 0629-EX-PL-2014 WH2XKB**
 New experimental to operate in 1710.00 - 1755.00, 1805.00 - 1880.00, 1920.00 - 1980.00 and 2110.00 - 2170.00 MHz to test and demonstrate 4G LTE devices
 Mobile: Luke AFB, AZ
- **LOCKHEED MARTIN CORPORATION 0365-EX-PL-2014 WH2XFI**
 New experimental to operate in 1215.00 - 1400.00 MHz to test and upgrade of the TPS-77, FPS-117 AND TPS-59 for future long range surveillance radars.
 Fixed & Mobile: Syracuse, NY

- **LOCKHEED MARTIN CORPORATION 0468-EX-PL-2014 WH2XHB**
 New experimental to operate on 1227.60 and 1572.42 MHz for testing radionavigation satellite service (RNSS) equipment.
 Fixed: Palmdale (Los Angeles), CA
- **LOCKHEED MARTIN CORPORATION 0469-EX-PL-2014 WH2XHC**
 New experimental to operate on 1227.60 and 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment.
 Fixed: Palmdale (Los Angeles), CA
- **LOCKHEED MARTIN CORPORATION 0473-EX-PL-2014 WH2XHE**
 New experimental to operate on 1227.60 and 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment.
 Fixed: Palmdale (Los Angeles), CA
- **LOCKHEED MARTIN CORPORATION 0474-EX-PL-2014 WH2XHF**
 New experimental to operate on 1227.60 and 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment.
 Fixed: Palmdale (Los Angeles), CA
- **LOCKHEED MARTIN CORPORATION 0480-EX-PL-2014 WH2XHL**
 New experimental to operate on 1227.60 and 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment.
 Fixed: Palmdale (Los Angeles), CA
- **MATT NELSON LSUASC 0581-EX-PL-2014 WH2XJR**
 New experimental to operate in 902 - 928 MHz for UAV testing
 Fixed & Mobile: Kenedy Ranch (Kenedy), TX
- **MIT LINCOLN LABORATORY 0072-EX-PL-2014 WH2XBP**
 New experimental to operate on 1227.60 MHz and 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems
 Fixed: Lexington (Middlesex), MA
- **MONTANA STATE UNIVERSITY 0384-EX-PL-2014 WH2XGS**
 New experimental to operate on 437.23 and 437.405 MHz to test Cubesat operations.
 Mobile: Nongeostationary Space Orbit
- **PANERATECH, INC. 0266-EX-PL-2014 WH2XFF**
 New experimental to operate in 750.00 - 5000.00 MHz for testing for Part 15 compliance.
 Fixed & Mobile: Toledo (Lucas), OH; Shreveport (Caddo), LA; Brockport (Elk), PA; Modesto (Stanislaus), CA
- **QUALCOMM TECHNOLOGIES, INC 0628-EX-PL-2014 WH2XKA**
 New experimental to operate on 28 GHz and 38 GHz To test point to point and non-line of site
 Fixed & Mobile: San Diego (San Diego), CA
- **RAYTHEON INTEGRATED DEFENSE SYSTEMS 0391-EX-PL-2014 WH2XFT**
 New experimental to operate on 9000 MHz To test a prototype radar
 Fixed: McKinney and Garland, TX

- **ROCKWELL COLLINS, INC. 0497-EX-PL-2014 WH2XIC**
 New experimental to operate in 2398.00 - 29720.00 kHz to test and demonstrate wideband HF technologies.
 Mobile: Within U.S. airspace
- **SONOMA TECHNOLOGY, INC. 0562-EX-PL-2014 WH2XKH**
 New experimental to operate on 915 MHz for a wind profiling radar system to be used to provide upper-air meteorological data.
 Fixed: Bakersfield (Kern), CA
- **TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC. 0537-EX-PL-2014 WH2XIZ**
 New experimental to operate in 81.38 - 90.00 kHz and 2400.00 - 2483.00 MHz for testing wireless charging for electric vehicles.
 Fixed: Ann Arbor (Washtenaw), MI; Argonne (DuPage), IL
- **UNIVERSITY OF TEXAS AT AUSTIN, THE 0301-EX-PL-2014 WH2XEI**
 New experimental to operate on 437.525 MHz for testing Cubesat.
 Mobile: Nongeostationary, Space Orbit
- **VISTA RESEARCH, INC 0620-EX-PL-2014 WH2XKI**
 New experimental to operate in 9220.00 - 9480.00 MHz for testing radars
 Fixed: Flagler Beach (Flagler), FL; San Pedro (Los Angeles), CA