

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

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Report No. 466 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 2/1/15 to 2/28/15:

- **ACCIPITER RADAR CORPORATION WH2XPF 0852-EX-PL-2014**
New experimental to operate on 9.4 GHz to use radar to study Eagle collision avoidance with wind turbines.
Fixed: East China (St. Claire), MI
- **ADVANCED NAVIGATION & POSITIONING WH2XOM 0877-EX-PL-2014**
New experimental to operate on 1030 MHz for equipment testing
Fixed: Truckee, CA
- **BLACKSKY GLOBAL, LLC WH2XPS 0831-EX-PL-2014**
New experimental to operate in 449.75 - 451.25 MHz for testing satellites
Fixed: Tukwila (King), WA; Redmond (King), WA; Fairbanks (Fairbanks North Star), AK; Umiat Meridian (North Slope), AK; Truth or Consequence (Sierra), NM
- **BOEING COMPANY, THE WH2XOK 0860-EX-PL-2014**
New experimental to operate in 2391.00 - 2495.00 MHz for testing of MSA aircraft.
Fixed & Mobile: Seattle (King), WA; Greenville (Hunt), TX; Glasgow, MT Flight 37,000 ft AGL
- **BOEING COMPANY, THE WH2XPH 0016-EX-PL-2015**
New experimental to operate on 1227.60 and 1575.42 MHz for testing GPS.
Fixed: Palmdale, CA
- **BOEING COMPANY, THE WH2XPN 0027-EX-PL-2015**
New experimental to operate in 7.25 - 8.40, 20.20 - 21.20 and 43.50 - 44.50 GHz for testing radios.
Fixed: San Antonio (Bexar), TX

- **DYNETICS, INC. WH2XPJ 0018-EX-PL-2015**
 New experimental to operate on 3 GHz for equipment testing
 Mobile: Temporary Fixed Ground Operations, Huntsville, AL
- **ENSCO, INC. WH2XMP 0754-EX-PL-2014**
 New experimental to operate on 2212.00, 2237.00 and 2252.00 MHz for UAS testing
 Fixed & Mobile: Airborne altitudes not to exceed 100 feet AGL, Jacksonville (Duvall), FL; West Palm Beach (Palm Beach), FL
- **FLIR RADARS INC. WH2XMS 0769-EX-PL-2014**
 New experimental to operate in 9300.00 - 9500.00 MHz to Demonstrate Doppler ground surveillance radar.
 Mobile: Continental US
- **GOCALA, STEPHEN M., JR. WH2XPK 0903-EX-PL-2014**
 New experimental to operate in 460-480 kHz to learn about propagation at the 600 meter wavelength.
 Fixed: Youngstown (Mohoning), OH
- **GUSA LICENSEE LLC WH2XPB 0658-EX-PL-2014**
 New experimental to operate in 5091-5250 MHz for testing of second generation ground network equipment for satellite system.
 Fixed: Clifton (Bosque), TX
- **INSITU WH2XFZ 0421-EX-PL-2014**
 New experimental to operate in 1525.00 - 1535.00, 2412.00 - 2462.00 and 5250.00 - 5825.00 MHz for simulation and detecting mobile satellite service protocols for UAS.
 Fixed & Mobile: Bingen (Klickitat), WA; Boardman (Morrow), OR
- **LOCKHEED MARTIN CORPORATION WG2XQQ 0271-EX-PL-2013**
 New experimental to operate in 34.00 - 36.00 GHz to test a scalable low cost phased array radar.
 Mobile: Orlando, FL
- **LOCKHEED MARTIN CORPORATION WH2XOQ 0896-EX-PL-2014**
 New experimental to operate To test an active phased array.
 Fixed: Camden (Camden), NJ
- **LOCKHEED MARTIN CORPORATION WH2XOU 0006-EX-PL-2015**
 New experimental to operate in 3300.00 - 3400.00 MHz for sensor tracking dynamic targets.
 Fixed: Santa Cruz (Santa Cruz), CA
- **LOCKHEED MARTIN CORPORATION WH2XPA 0014-EX-PL-2015**
 New experimental to operate in 34.75 - 36.25 GHz to support extended area protection system missile test.
 Mobile: Forth Worth, TX
- **MDA INFORMATION SYSTEMS, LLC WH2XPV 0052-EX-PL-2015**
 New experimental to operate on 9660 MHz for an airborne radar system which supports ground imaging research and development.
 Mobile Grand Junction, CO max altitude 12,000 ft. AGL

- **NORTHROP GRUMMAN SYSTEMS CORPORATION WH2XPD 0862-EX-PL-2014**
 New experimental to operate in 43.5-45.5 GHz for demonstration of advanced extremely high frequency satellite communications capabilities.
 Fixed & Mobile: Linthicum (Anne Arundel), MD
- **ORBITAL SCIENCES CORPORATION WH2XPW 0042-EX-PL-2015**
 New experimental to operate on 1.5 GHz to test a GPS reradiator
 Fixed: Chandler (Maricopa), AZ
- **QUALCOMM TECHNOLOGIES, INC. WH2XJN 0584-EX-PL-2014**
 New experimental to operate in 2305.00 - 2315.00 and 2350.00 - 2360.00 MHz to test small cell LTE base stations and LTE user equipment.
 Mobile: San Diego, CA
- **RAYTHEON SAS WH2XOF 0861-EX-PL-2014**
 New experimental to operate in 291.00 - 318.30 MHz to test a UHF MILSATCOM.
 Fixed: Largo (Pinellas), FL
- **SALISH KOOTENAI COLLEGE WH2XPM 0001-EX-PL-2015**
 New experimental to operate on 145.86 MHz and 437.375 MHz for a cubesat for land cover classification, and cloud cover and cloud height measurements.
 Mobile: Nongeostationary Space Orbit
- **SAN DIEGO GAS AND ELECTRIC COMPANY WH2XPE 0815-EX-PL-2014**
 New experimental to operate on 915 MHz for wind profiler radars to be used in support of a fire mitigation effort.
 Mobile: Transportable FX, San Clemente, CA
- **SCIENTIFIC RESEARCH CORPORATION WH2XQS 0900-EX-PL-2014**
 New experimental to operate in 698-716, 728-746, 1710-1755, 2110-2155, 2500-2570 and 2620-2690 MHz to support U.S. Army contract.
 Fixed & Mobile: Aberdeen Proving Ground, MD
- **TITAN AEROSPACE WH2XQQ 0094-EX-PL-2015**
 New experimental to operate in 459.6626 - 459.9626 MHz for testing solar and electric unmanned aerial systems for a variety of uses.
 Mobile: New Mexico. Area bounded by: 35-14-21 N 106-09-53 W; 35-14-21 N 105-45-53 W; 34-54-21 N 105-45-53 W; 34-54-21 N 106-09-53 W