

# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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WASHINGTON, D.C. 20554

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

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## **Report No. 463                      EXPERIMENTAL ACTIONS**

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 11/1/14 to 11/30/14:

- **ADVANCED NAVIGATION & POSITIONING 0461-EX-PL-2014 WH2XIX**  
New experimental to operate on 1030 MHz and 1090 MHz for testing aviation equipment.  
Fixed: Green Mountain (Toas), NM
- **APRIZE SATELLITE INC. 0827-EX-PL-2014 WH2XNU**  
New experimental to operate in 400.505 - 400.505 MHz and 2200.00 - 2310.00 MHz for a Cubesat experiment  
Mobile: low-Earth orbit satellite
- **ASPEN CONSULTING GROUP 0701-EX-PL-2014 WH2XLR**  
New experimental to operate on 6 GHz for testing wireless devices  
Fixed: Lakehurst (Burlington), NJ
- **AURORA FLIGHT SCIENCES 0199-EX-PL-2014 WH2XDQ**  
New experimental to operate in 4.4-4.95 GHz for testing Unmanned Aerial System.  
Mobile: Ship based component, Mathews, WA
- **BOEING COMPANY, THE 0191-EX-PL-2014 WH2XCE**  
New experimental to operate in 472.00 - 479.00 kHz testing maritime surveillance aircraft (MSA).  
Mobile: Flight 37,000 ft AGL, Seattle, WA
- **BOEING COMPANY, THE 0698-EX-PL-2014 WH2XLS**  
New experimental to operate on 249.50 and 317.90 MHz for testing aircraft communication systems.  
Mobile: Kelly AFB/Boeing, San Antonio, TX

- **BOEING COMPANY, THE 0734-EX-PL-2014 WH2XMC**  
 New experimental to operate on 902.00, 910.00, 910.20 and 946.725 MHz for testing equipment.  
 Fixed: Middletown, DE
- **COBHAM ADVANCED ELECTRONIC SOLUTIONS INC. 0736-EX-PL-2014 WH2XMO**  
 New experimental to operate on 2500 MHz for equipment testing.  
 Mobile: Lowell, MA
- **DRS TECHNICAL SERVICES, INC. 0259-EX-PL-2014 WH2XHR**  
 New experimental to operate on 700 MHz and 2 GHz for equipment testing and training  
 Mobile: Fort Dix, NJ; Fort Bliss, TX; Fort Haachuca, AZ; Aberdeen, MD
- **ERICSSON 0765-EX-PL-2014 WH2XMQ**  
 New experimental to operate on 15 GHz for equipment testing  
 Fixed & Mobile: Plano (Collin), TX
- **FUGRO EARTHDATA, INC. 0813-EX-PL-2014 WH2XNN**  
 New experimental to operate in 9.63 - 9.79 MHz for testing radar.  
 Mobile: Bentonville, VA
- **GENERAL DYNAMICS ADVANCED INFORMATION SYSTEMS 0652-EX-PL-2014 WH2XMF**  
 New experimental to operate on 9660 MHz for an airborne radar system which supports ground imaging research and development.  
 Mobile: Newport, NY: max altitude 12,000 ft. AGL
- **HARRIS CORPORATION 0799-EX-PL-2014 WH2XNL**  
 New experimental on 136.65 MHz, 136.8 MHz and 136.975 MHz to provide integration and engineering services for the end-to-end DataComm system in support of FAA contract.  
 Mobile: Nationwide US
- **LAUREL TECHNOLOGIES PARTNERSHIP 0203-EX-PL-2014 WH2XCX**  
 New experimental to operate in 7900.00 - 8105.00, 8108.00 - 8134.50 and 8137.50 - 8400.00 MHz to test an antenna in X-Band.  
 Mobile: Temporary Fixed Ground Operations, Largo, FL
- **LOCKHEED MARTIN CORPORATION 0669-EX-PL-2014 WH2XLD**  
 New experimental to operate in bands between 2200.00kHz and 925.00 MHz for antenna testing for submarine platforms.  
 Fixed: Marion (Plymouth), MA
- **POLYSAT, CAL POLY 0381-EX-PL-2014 WH2XIQ**  
 New experimental to operate on 437.2 MHz for Exocube CubeSat operating  
 Mobile: Nongeostationary Space Orbit
- **RAYTHEON INTEGRATED DEFENSE SYSTEMS 0726-EX-PL-2014 WH2XLX**  
 New experimental to operate in 9300-10000 MHz to provide X Band sensor data.  
 Fixed & Mobile: White Sands Missile Range (Dona Ana), NM

- **RAYTHEON SAS 0749-EX-PL-2014 WH2XML**  
 New experimental to operate in 231.50 - 235.00 GHz for testing of the Video Synthetic Aperture Radar (VISAR).  
 Fixed: El Segundo (Los Angeles), CA
- **ROCKWELL COLLINS, INC. 0817-EX-PL-2014 WH2XNM**  
 New experimental to operate on 131.55, 136.85 and 136.975 MHz to conduct developmental testing of VHF Datalink radio equipment.  
 Fixed: Cedar Rapids, IA
- **TYVAK NANO-SATELLITE SYSTEMS, INC. 0194-EX-PL-2014 WH2XDU**  
 New experimental to operate in 399.90 - 400.05 MHz for testing CubeSat.  
 Mobile: Low Earth Orbit, Nongeostationary
- **UNIVERSITY OF UTAH, DEPT. OF PHYSICS AND ASTRONOMY 0783-EX-PL-2014 WH2XNO**  
 New experimental to operate The study of high-energy cosmic rays on 54.1 MHz.  
 Fixed: Hinckley and Delta (Millard), UT
- **WEBBER, RICHARD 0682-EX-PL-2014 WH2XNA**  
 New experimental to operate in 465-480 kHz for investigation of the effectiveness of simple transmitters, amplifiers and antenna systems.  
 Fixed: Los Gatos (Santa Clara), CA