

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
455 12TH STREET, S.W.
WASHINGTON, D.C. 20554

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Report No. 355 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 1/1/03 to 3/1/03:

- **WD2XCA PROGRESS ENERGY SERVICE COMPANY 0011-EX-PL-2003**
New experimental to operate in 1700-50000 kHz for current carrier system tests.
Fixed: Raleigh (Wake), NC
- **WC2XVK LOCKHEED MARTIN CORPORATION 0004-EX-PL-2002**
New experimental to operate in 3-66 MHz to test UWB GPR.
Mobile: Rome, NY, within Griffiss Air Force Base
- **WD2XCI CARDIOMEMS, INC. 0031-EX-PL-2003**
New experimental to operate in 32-37 MHz to test a medical implant which monitors internal body pressures.
Fixed: Atlanta (Fulton), GA
- **WD2XBW R & L MEDIA SYSTEMS, INC. 0018-EX-PL-2003**
New experimental to operate in 88-108 MHz for antenna testing.
Fixed: Hendersonville (Sumner), TN
- **WD2XBE SMITHS DETECTION-EDGEWOOD, INC. 0279-EX-PL-2002**
New experimental to operate in 400.15-406 and 1675-1700 MHz for test development of radiosondes.
Fixed: Edgewood, MD
- **WD2XBR SENSOR TECHNOLOGIES & SYSTEMS, INC. 0009-EX-PL-2003**
New experimental to operate on 462.5875 MHz for test and development of animal detection on highways.
Fixed: Angola, IL
- **WD2XBS SENSOR TECHNOLOGIES & SYSTEMS, INC. 0003-EX-PL-2003**
New experimental to operate on 467.6875 MHz for test and development of animal detection on highways.
Fixed: Big Sky (Gallatin), MT
- **WD2XBO HM ELECTRONICS, INC. 0002-EX-PL-2003**
New experimental to operate in 470-608 MHz, 614-740 MHz for professional entertainment wireless communications.
Mobile: Nationwide
- **WD2XCJ WHEELS OF ZEUS 0039-EX-PL-2003**
New experimental to operate on 902-928 MHz for test and development of location and monitoring devices.
Mobile: San Francisco Bay Area, CA
- **WC2XZL LANDSEA SYSTEMS, INC 0209-EX-PL-2002**
New experimental to operate in 1625.5-1660.5 MHz for Inmarsat terminal demonstration and testing.

Mobile: Continental United States

- **WD2XBI THALES MACKAY RADIO, INC. 0282-EX-PL-2002**
New experimental to operate on 2142.4, 4916.5, 7422, 9973, 10423, 13423, 15711.5, 18178.5, 23007, and 27547 kHz for test and development of communications technology.
Fixed: Raleigh (Wake), NC
- **WC2XZW SIERRA RESEARCH, AN INTEGRATED DEFENCE TECHNOLOGIES CO. 0177-EX-PL-2002**
New experimental to operate on 2967, 6875, 8000, 13500, 14200, 15000, and 13500 MHz for test and development of threat simulators.
Fixed: Cheektowaga (Erie), NY
- **WD2XBH EARTHSPAN, INC. 0280-EX-PL-2002**
New experimental to operate on 3050 MHz to use pulsed radar to track small animals.
Mobile: Patuxent Wildlife Refuge, Laurel, MD
- **WD2XAX UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL DEPARTMENT OF MARINE SCIENCE 0250-EX-PL-2002**
New experimental to operate on 4470, 4550, 4800, and 4900 kHz for ocean current research.
Fixed: Captiva (Lee), FL
- **WD2XBQ TERABEAM CORPORATION 0006-EX-PL-2003**
New experimental to operate in 57.05-64 GHz for test and development of Part 15 devices.
Fixed: Chicago (Cook), IL