

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. 372 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 9/1/04 to 10/1/04:

- **WD2XIT THOMAS JR., LAWRENCE J. 0065-EX-PL-2004**
New experimental to operate on 160 kHz for propagation studies and research of very low frequency communications systems.
Fixed: Catawissa (Columbia), PA
- **WD2XFS INSTITUTE FOR DEFENSE ANALYSES, CENTER FOR COMPUTING SCIENCES 0154-EX-PL-2003**
New experimental to operate in various bands from 3 MHz to 148 MHz for propagation testing.
Fixed & Mobile: Bowie (Prince Georges), MD
- **WD2XIA LOCKHEED MARTIN CORPORATION 0032-EX-PL-2004**
New experimental to operate on 6.55 MHz, 8.822 MHz, 10.045 MHz, 11.288 MHz, 11.306 MHz, 13.312 MHz and 17.964 MHz for testing aircraft for export.
Mobile: States of AR, CA, NM, OK and TX also areas in Gulf of Mexico
- **WD2XLA SOUTHWEST RESEARCH INSTITUTE 0145-EX-PL-2004**
New experimental to operate on various very high frequencies from 60 to 216 MHz for antenna testing.
Fixed & Mobile San Antonio (Bexar), TX
- **WD2XKQ HARRIS CORPORATION GCSD 0087-EX-PL-2004**
New experimental to operate on 136.025 MHz, 136.3 MHz and 136.325 MHz for testing aviation systems.
Fixed & Mobile: Melbourne (Brevard), FL
- **WD2XIL LOCKHEED MARTIN CORPORATION 0057-EX-PL-2004**
New experimental to operate on 138.75 MHz, 142.6 MHz and 252.6 MHz for testing aircraft for export.
Mobile: States of TX, NM, OK, AR, LA and also in areas in Gulf of Mexico
- **WD2XJT COOK INLET SPILL PREVENTION AND RESPONSE, INC. 0105-EX-PL-2004**
New experimental to operate in 401.628-401.668 MHz for study of water movement for oil spill response.
Mobile: Gulf of Alaska
- **WD2XLB SOUTHWEST RESEARCH INSTITUTE 0146-EX-PL-2004**
New experimental to operate on various ultra high frequencies from 450 to 806 MHz for antenna testing.
Fixed & Mobile San Antonio (Bexar), TX
- **WD2XLG QUALCOMM INCORPORATED 0176-EX-PL-2004**
New experimental to operate in 704-710, 722-728, and 740-746 MHz for test and development of Wireless Communications Services technology.

Fixed: San Diego (San Diego), CA

- **WD2XFZ MATRICS, INC. 0221-EX-PL-2003**
New experimental to operate on 911.8 MHz for development of location and monitoring equipment.
Fixed & Mobile: Domino, TX
- **WD2XKC CALIFORNIA AIR RESOURCES BOARD 0126-EX-PL-2004**
New experimental to operate wind profiler radar on 915 MHz to study air pollutants.
Fixed: Suisun City (Solano), CA
- **WD2XJO ADVANCED METERING DATA SYSTEMS, LLC 0097-EX-PL-2004**
New experimental to operate on 932 MHz and 941 MHz for testing meter reader equipment.
Fixed & Mobile: Metairie (Orleans), LA; Biloxi (Harrison), MS; Birmingham (Jefferson), AL; Lubbock (Lubbock), TX
- **WD2XCR NORTHROP GRUMMAN CORPORATION 0057-EX-PL-2003**
New experimental to operate in 1030 and 2900-3100 MHz for test and development of radar for export.
Fixed: Elkridge (Howard), MD
- **WD2XIR LOCKHEED MARTIN CORPORATION 0047-EX-PL-2004**
New experimental to operate on 1375 MHz and 1395 MHz for testing aircraft for export.
Mobile: States of TX, NM, LA, OK and AZ, also areas in Gulf of Mexico
- **WD2XLH TELENOR SATELLITE, INC. 0200-EX-PL-2004**
New experimental to operate in 1626.65-1627.15, 1630.7-1631.035, 1638.5-1643, and 1649.82-1650.05 MHz for satellite testing.
Mobile: Continental United States, AK and HI
- **WD2XJH LOCKHEED MARTIN CORPORATION 0094-EX-PL-2004**
New experimental to operate in 1640-1800 MHz for testing aircraft for export.
Mobile: TX, NM, OK, AR, LA
- **WD2XJX VIASAT, INC. 0118-EX-PL-2004**
New experimental to operate on 2200 and 2250 MHz for antenna testing.
Fixed: Duluth (Gwinnett), GA
- **WD2XLJ WCS LICENSE SUBSIDIARY, LLC 0205-EX-PL-2004**
New experimental to operate in 2345-2350 MHz for test and development of Wireless Communications Services technology.
Fixed: Dallas (Dallas), TX; Irving (Dallas), TX
- **WD2XJG EDUCATIONAL BROADCASTING CORPORATION 0090-EX-PL-2004**
New experimental to operate in 2584-2590 MHz for testing emergency messaging.
Fixed: New York (New York), NY
- **WD2XLK NEXTWAVE TELECOM INC. 0208-EX-PL-2004**
New experimental to operate in 2602-2614 MHz for test, development, and demonstration of 3G technology.
Fixed & Mobile: Henderson (Clark), NV
- **WD2XJR SARNOFF CORPORATION 0111-EX-PL-2004**
New experimental to operate in 5900-6400 MHz for test, development, and demonstration of ultra wideband technology for US Navy.
Fixed: Princeton (Mercer), NJ
- **WD2XDI LOCKHEED MARTIN CORPORATION 0084-EX-PL-2003**
New experimental to operate in 10.15-10.5 GHz and 10.55-10.65 GHz for testing software radios.
Fixed: Fremont (Alameda), CA
- **WD2XKF RAYTHEON MISSILE SYSTEMS 0134-EX-PL-2004**

New experimental to operate in 94.1-95 GHz for demonstration of nonlethal counter-personnel device to law enforcement, military and security organizations.

Mobile: Continental United States, AK and HI