

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: April 9, 2008

Report No. 411 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 1/1/08 to 2/1/08:

- **KM2XQU MOTOROLA, INC. 0190-EX-PL-2007**
New experimental to operate on select frequencies from 2004.4-22374 kHz for testing maritime radio equipment.
Fixed: Fort Lauderdale (Broward), FL
- **WE2XLM CARDIOMEMS, INC. 0024-EX-PL-2007**
New experimental to operate in 30-42 MHz to test a medical implant heart failure sensor.
Fixed: Atlanta (Fulton), GA
- **WE2XMB NATIONAL GEOGRAPHIC 0162-EX-PL-2007**
New experimental to operate in 54-72, 76-88, 174-216, 420-432, 433.92, 470-608, 614-806 and 902-928 MHz for wildlife sensing and imaging.
Mobile: Within Washington, D.C.
- **WE2XMS COLORADO SPACE GRANT CONSORTIUM, UNVIERSITY OF COLORADO, BOULDER 0513-EX-PL-2007**
New experimental to operate in 144-146 MHz and 435-440 MHz for testing atmospheric neutral density explorer.
Mobile: Boulder (Boulder), CO
- **WE2XCE BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. 0359-EX-PL-2006**
New experimental to operate on select frequencies from 329.60 MHz to 804.70 MHz for testing full scale model antenna of various types.
Fixed: Litchfield (Hillsboro), NH
- **KA2XVV MOTOROLA, INC. 0191-EX-PL-2007**
New experimental to operate on select frequencies from 406.35 MHz to 418.35 MHz for testing XTS-500 and XTL-500 radios.
Fixed & Mobile: Fort Lauderdale (Broward), FL
- **WE2XML LOCKHEED MARTIN CORPORATION 0294-EX-PL-2007**
New experimental to operate in 420-450 MHz for testing a counter fire target acquisition and tracking radar under contract from U.S. Army.
Mobile: Syracuse (Onondaga), NY
- **WE2XNQ NUCLEAR MANAGEMENT COMPANY, LLC 0018-EX-PL-2008**
New experimental to operate in 470-806 MHz for evaluating communications inside and around a nuclear reactor.
Mobile: Prairie Island Nuclear Generating Plant, Welch (GOODHUE), MN, primarily indoor use.

- **WE2XMG NORTHROP GRUMMAN SHIP SYSTEMS, INC. 0595-EX-PL-2007**
 New experimental to operate on 1030 MHz for testing AN/UPX-37 interrogator under contract.
 Mobile: In the Gulf of Mexico, at least 186 km from the coast but not greater than 240 km from the coast
- **WE2XMF NORTHROP GRUMMAN SHIP SYSTEMS, INC. 0594-EX-PL-2007**
 New experimental to operate on 1090 MHz for testing AN/APX-119 transponder under contract from USCG.
 Mobile: On National Security Cutter at Northrop Grumman Pascagoula Operations shipyard and in the Gulf of Mexico at least 186 km from the coast but not greater than 240 km from the coast
- **WE2XIA NORTHROP GRUMMAN SYSTEMS CORPORATION 0060-EX-PL-2007**
 New experimental to operate on 1230 MHz, 1235 MHz, 1290 MHz, 1295 MHz and 1335 MHz for testing a radar system for export.
 Fixed: Sykesville (Carroll) and Linthicum (Anne Arundel), MD
- **WE2XNM CESSNA AIRCRAFT COMPANY 0691-EX-PL-2006**
 New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.
 Fixed: Long Beach (Los Angeles), CA
- **WE2XNN CESSNA AIRCRAFT COMPANY 0707-EX-PL-2006**
 New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.
 Fixed: Sacramento (Sacramento), CA
- **WE2XMY L-3 COMMUNICATIONS GENEVA AEROSPACE 0453-EX-PL-2007**
 New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.
 Fixed; Carrollton (Dallas), TX
- **WE2XLZ NISSAN TECHNICAL CENTER NORTH AMERICA, INC. 0610-EX-PL-2007**
 New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.
 Fixed: Farmington Hills (Oakland), MI
- **WC2XYN ORBIMAGE LICENSE CORP. 0033-EX-PL-2008**
 New experimental to operate on 1702.5 MHz and 2092.59 MHz for operation of Orbview-2 satellite to fulfill government contracts.
 Mobile: OrbView-2 satellite in low earth-orbit
- **WE2XNT MR. SUMIT AGARWAL 0284-EX-PL-2007**
 New experimental to operate in 1905-1910 MHz, 1922.40-1927.40 MHz, 1942.80-1947.80 MHz, 1985-1990 MHz, 2112.40-2117.40 MHz and 2132.80-2137.80 MHz for analyzing the performance, usage of a prototype fixed-mobile convergence (FMC) platform and assessing the viability of network and RF transmission parameters.
 Fixed: Mountain View, CA
- **WE2XMI BOOZ ALLEN HAMILTON 0587-EX-PL-2007**
 New experimental to operate in 2500-2650 MHz for evaluating the effectiveness and warfighter utility of delivering broadband services through hybrid two-way communications architecture.
 Fixed: Herndon, VA; Suffolk, VA; Scott AFB, IL
- **WD2XYY PROXIM, INC. 0271-EX-PL-2006**
 New experimental to operate in 3400-3600 MHz for test and demonstration of WiMax equipment for export.
 Mobile: Gilroy (Santa Clara), CA
- **WE2XLV EARTHLINK 0077-EX-PL-2007**
 New experimental to operate in 3602.50 - 3697.50 MHz to test Airspan WiMAX product functionality.
 Mobile: Atlanta, GA
- **WE2XMA MUSTANG TECHNOLOGY GROUP, LP 0324-EX-PL-2007**
 New experimental to operate in 5000-6000 MHz for testing Radar Prototypes
 Mobile: Howe, TX; Port Aransas, TX

- **WE2XAK MUSTANG TECHNOLOGY GROUP, L.P. 0498-EX-PL-2006**
 New experimental to operate in 5250-5350 MHz, 5470-5600 MHz and 5650-6000 MHz for testing in support of US Army intelligent munitions system under contract.
 Mobile: Van Alstyne, TX
- **WE2XMD KAPSCH TRAFFICOM INC 0627-EX-PL-2007**
 New experimental to operate in 5850-5925 MHz for testing electronic tolling performance.
 Fixed: Englewood (Denver), CO
- **WE2XME EDELWEISS LLC 0640-EX-PL-2007**
 New experimental to operate in 9300-9500 MHz for testing of a personal radar transponder for search and rescue.
 Mobile: Waters around Kihei, HI
- **WE2XND PUERTO RICO AT MAYAGUEZ, UNIVERSITY OF 0156-EX-PL-2007**
 New experimental to operate on 9345 MHz to use radar to study rain in the lower atmosphere.
 Fixed: Aguadilla, PR
- **WE2XMN BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. 0115-EX-PL-2007**
 New experimental to operate in 11100 - 13100 MHz to test antennas as well as RF systems for DOD as well as other governmental customers.
 Fixed: Merrimack (Hillsboro), NH
- **WD2XFK THE BOEING COMPANY 0308-EX-PL-2007**
 New experimental to operate in 11200-12750 MHz and 14000-14500 MHz for testing a Maritime Mobile Satellite Earth Terminal.
 Mobile: Continental United States, Alaska and Hawaii, U.S. Territories and international waters
- **WE2XNB THE BOEING COMPANY 0496-EX-PL-2007**
 New experimental to operate on 16 GHz for Radar testing.
 Mobile: Tucson, AZ within 100 km centered around 32-07-50N 110-51-06W