

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL
(Nature of Service)

XD MO
(Class of Station)

WM2XGD
(Call Sign)

0803-EX-CN-2021
(File Number)

NAME Raytheon Company (Missiles and Defense - M)

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

- (1) MOBILE: North Atlantic Ocean W50 water area, within 16 km, centered around NL 36-44-41; WL 75-40-41
- (2) MOBILE: North Atlantic Ocean, W50 water area, within 16 km, centered around NL 36-44-41; WL 75-40-41

Frequency Information

MOBILE: North Atlantic Ocean W50 water area, within 16 km, centered around NL 36-44-41; WL 75-40-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1362 MHz	MO	20M0G1D	6 W (ERP)	
1372 MHz	MO	20M0G1D	6 W (ERP)	
1382 MHz	MO	16M0G1D	6 W (ERP)	

This authorization effective January 03, 2022 and
will expire 3:00 A.M. EST January 01, 2024

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COMMISSION



Frequency Information

MOBILE: North Atlantic Ocean, W50 water area, within 16 km, centered around NL 36-44-41; WL 75-40-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1362 MHz	MO	20M0G1D	49 W (ERP)	
1372 MHz	MO	20M0G1D	49 W (ERP)	
1382 MHz	MO	16M0G1D	49 W (ERP)	

Special Conditions:

- (1) One or more frequency assignments were coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, DC 20591; Telephone: 202-267-8699.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (5) Operation in the 1362-1400 MHz frequency band shall comply with the limits of unwanted emission recommendations specified for mobile stations in ITU Resolution 750 (Rev. WRC-19).
- (6) Stop buzzer POC is Jim Ortega at (520) 794-0227.