

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

EXPERIMENTAL
(Nature of Service)

XD MO
(Class of Station)

WN2XHX
(Call Sign)

0147-EX-CM-2026
(File Number)

NAME General Dynamics Land Systems

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: GDLS HQ, Sterling Heights, MI, within 2 km, centered around NL 42-34-29; WL 83-02-37
- (2) MOBILE: Holly Oaks ORV, Holly, MI, within 2 km, centered around NL 42-49-23; WL 83-33-29
- (3) MOBILE: Edgefield, SC, General Dynamics test Center, within 1 km, centered around NL 33-54-20; WL 82-03-01
- (4) MOBILE: Ares test Center, Port Clinton, OH, within 2 km, centered around NL 41-32-57; WL 83-02-18

Frequency Information

MOBILE: GDLS HQ, Sterling Heights, MI, within 2 km, centered around NL 42-34-29; WL 83-02-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1755-1850 MHz	MO	1M56G7W 4M68G7W	1 W (ERP)	0.0012 %
2025-2110 MHz	MO	1M56G7W 4M68G7W	1 W (ERP)	0.0012 %

This authorization effective July 24, 2026 and
will expire 3:00 A.M. ET June 01, 2027

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Frequency Information

MOBILE: Holly Oaks ORV, Holly, MI, within 2 km, centered around NL 42-49-23; WL 83-33-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1755-1850 MHz	MO	1M56G7W 4M68G7W	1 W (ERP)	0.0012 %
2025-2110 MHz	MO	1M56G7W 4M68G7W	1 W (ERP)	0.0012 %

MOBILE: Edgefield, SC, General Dynamics test Center, within 1 km, centered around NL 33-54-20; WL 82-03-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1755-1850 MHz	MO	4M68G7W 1M56G7W	1 W (ERP)	0.0012 %
2025-2110 MHz	MO	4M68G7W 1M56G7W	1 W (ERP)	0.0012 %

MOBILE: Ares test Center, Port Clinton, OH, within 2 km, centered around NL 41-32-57; WL 83-02-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1755-1850 MHz	MO	1M56G7W 4M68G7W	1 W (ERP)	0.0012 %
2025-2110 MHz	MO	1M56G7W 4M68G7W	1 W (ERP)	0.0012 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) 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.
- (4) Licensee shall coordinate with the local Society of Broadcast Engineers frequency coordinator in each proposed area prior to operation in the frequency range from 2025 MHz to 2110 MHz.
- (5) Licensee shall secure consents from the Advanced Wireless Service licensees in each proposed area prior to accessing to 1755-1850 MHz bands.
- (6) Per clearance - during transmission, aircraft shall not exceed the altitude of 400 ft AGL.
- (7) Licensee shall notch out the frequency band: 2038-2044.1 MHz
- (8) The operation should be on a noninterference basis.