

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

EXPERIMENTAL

(Nature of Service)

WG2XWO

(Call Sign)

XD MO

(Class of Station)

0397-EX-PL-2013

(File Number)

NAME General Dynamics C4 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(g) of the Commission's Rules

Station Locations

- (1) MOBILE: Aberdeen Proving Ground, MD, within 10 km, centered around NL 39-26-16; WL 76-10-21
- (2) MOBILE: White Sands Missile Range 1, NM, within 20 km, centered around NL 33-38-18; WL 106-25-17
- (3) MOBILE: White Sands Missile Range 2, NM, within 20 km, centered around NL 33-05-20; WL 106-24-32
- (4) MOBILE: White Sands Missile Range 3, NM, within 20 km, centered around NL 32-15-09; WL 106-22-39
- (5) MOBILE: Fort Dix, NJ, within 10 km, centered around NL 40-01-08; WL 74-36-44

Frequency Information

MOBILE: Aberdeen Proving Ground, MD, within 10 km, centered around NL 39-26-16; WL 76-10-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
699-716 MHz	MO	5M00W7W 10M0W7W	200 mW (ERP)	
699-716 MHz	MO	5M00W7W 10M0W7W	800 mW (ERP)	

This authorization effective September 20, 2013 and
will expire 3:00 A.M. EST October 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Aberdeen Proving Ground, MD, within 10 km, centered around NL 39-26-16; WL 76-10-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-746 MHz	MO	5M00W7W 10M0W7W	550 W (ERP)	

MOBILE: White Sands Missile Range 1, NM, within 20 km, centered around NL 33-38-18; WL 106-25-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
699-716 MHz	MO	5M00W7W 10M0W7W	200 mW (ERP)	
699-716 MHz	MO	5M00W7W 10M0W7W	800 mW (ERP)	
729-746 MHz	MO	5M00W7W 10M0W7W	550 W (ERP)	

MOBILE: White Sands Missile Range 2, NM, within 20 km, centered around NL 33-05-20; WL 106-24-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
699-716 MHz	MO	5M00W7W 10M0W7W	200 mW (ERP)	
699-716 MHz	MO	5M00W7W 10M0W7W	800 mW (ERP)	

Frequency Information

MOBILE: White Sands Missile Range 2, NM, within 20 km, centered around NL 33-05-20; WL 106-24-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-746 MHz	MO	5M00W7W 10M0W7W	550 W (ERP)	

MOBILE: White Sands Missile Range 3, NM, within 20 km, centered around NL 32-15-09; WL 106-22-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
699-716 MHz	MO	5M00W7W 10M0W7W	200 mW (ERP)	
699-716 MHz	MO	5M00W7W 10M0W7W	800 mW (ERP)	
729-746 MHz	MO	5M00W7W 10M0W7W	550 W (ERP)	

MOBILE: Fort Dix, NJ, within 10 km, centered around NL 40-01-08; WL 74-36-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
699-716 MHz	MO	5M00W7W 10M0W7W	200 mW (ERP)	
699-716 MHz	MO	5M00W7W 10M0W7W	800 mW (ERP)	

Frequency Information

MOBILE: Fort Dix, NJ, within 10 km, centered around NL 40-01-08; WL 74-36-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-746 MHz	MO	5M00W7W 10M0W7W	550 W (ERP)	

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) Operations on frequencies in bands allocated to the commercial mobile radio service must be coordinated with commercial mobile radio service licensees.