

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

EXPERIMENTAL

(Nature of Service)

WE2XUY

(Call Sign)

XC FX MO

(Class of Station)

0292-EX-RR-2010

(File Number)

NAME General Dynamics C4S

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(b) of the Commission's Rules

Station Locations

(1) Scottsdale (MARICOPA), AZ - NL 33-27-56; WL 111-54-25; MOBILE:within 1.5 km

Frequency Information

Scottsdale (MARICOPA), AZ - NL 33-27-56; WL 111-54-25; MOBILE:within 1.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
156.3-157.175 MHz	MO	16K0F3E 10K0F1D	1 W (ERP)	0.0002 %
156.3-157.175 MHz	FX	10K0F3E 16K0F3E 16K0F1D	1 W (ERP)	0.0002 %
162.325 MHz	MO	8K10F1E	1 W (ERP)	0.00025 %

This authorization effective January 01, 2011 and
will expire 3:00 A.M. EST January 01, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Scottsdale (MARICOPA), AZ - NL 33-27-56; WL 111-54-25; MOBILE:within 1.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
162.325 MHz	FX	8K10F1E	1 W (ERP)	0.00025 %
163.05 MHz	MO	8K10F1E	1 W (ERP)	0.00025 %
163.05 MHz	FX	8K10F1E	1 W (ERP)	0.00025 %
163.1375 MHz	MO	8K10F1E	1 W (ERP)	0.0002 %
163.1375 MHz	FX	8K10F1E	1 W (ERP)	0.0002 %
164.55 MHz	MO	8K10F1E	1 W (ERP)	0.00025 %
164.55 MHz	FX	8K10F1E	1 W (ERP)	0.00025 %
164.9 MHz	MO	8K10F1E	1 W (ERP)	0.0002 %
164.9 MHz	FX	8K10F1E	1 W (ERP)	0.0002 %
165.3125 MHz	MO	8K10F1E	1 W (ERP)	0.0002 %

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
165.3125 MHz	FX	8K10F1E	1 W (ERP)	0.0002 %
166.4625 MHz	MO	8K10F1E	1 W (ERP)	0.0002 %
166.4625 MHz	FX	8K10F1E	1 W (ERP)	0.0002 %
167.0875 MHz	MO	11K0F3E	1 W (ERP)	0.0002 %
167.0875 MHz	FX	11K0F3E	1 W (ERP)	0.0002 %
169.5375 MHz	MO	11K0F3E	1 W (ERP)	0.0002 %
169.5375 MHz	FX	11K0F3E	1 W (ERP)	0.0002 %
171.2375 MHz	MO	8K10F1E	1 W (ERP)	0.0002 %
171.2375 MHz	FX	8K10F1E	1 W (ERP)	0.0002 %
171.35 MHz	MO	10K0F1D	1 W (ERP)	0.0002 %

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
171.35 MHz	FX	10K0F1D	1 W (ERP)	0.0002 %
172.3125 MHz	MO	8K10F1E	1 W (ERP)	0.0002 %
172.3125 MHz	FX	8K10F1E	1 W (ERP)	0.0002 %
410.2375 MHz	MO	11K0F3E	1 W (ERP)	0.0002 %
410.2375 MHz	FX	11K0F3E	1 W (ERP)	0.0002 %
410.375 MHz	MO	10K0F1D	1 W (ERP)	0.0002 %
410.375 MHz	FX	10K0F1D	1 W (ERP)	0.0002 %
411.7875 MHz	MO	8K10F1E	1 W (ERP)	0.0002 %
411.7875 MHz	FX	8K10F1E	1 W (ERP)	0.0002 %
412.975 MHz	MO	8K10F1E	1 W (ERP)	0.0002 %

Frequency Information

Scottsdale (MARICOPA), AZ - NL 33-27-56; WL 111-54-25; MOBILE:within 1.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
412.975 MHz	FX	8K10F1E	1 W (ERP)	0.0002 %
413 MHz	MO	8K10F1E	1 W (ERP)	0.0002 %
413 MHz	FX	8K10F1E	1 W (ERP)	0.0002 %
413.025 MHz	MO	8K10F1E	1 W (ERP)	0.0002 %
413.025 MHz	FX	8K10F1E	1 W (ERP)	0.0002 %
414.0375 MHz	MO	11K0F3E	1 W (ERP)	0.0002 %
414.0375 MHz	FX	11K0F3E	1 W (ERP)	0.0002 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by USCG Contract No. DTG23-02-D-NDRS02. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.