

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

EXPERIMENTAL

(Nature of Service)

WG2XBC

(Call Sign)

XT MO

(Class of Station)

0409-EX-RR-2013

(File Number)

NAME Cobham Defense Electronic Systems Corporation

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) MOBILE: Mobile (Ground) Operations Within 1.61 km Radius of 1001 Pawtucket Boulevard, Lowell, MA 01854, within 1.61 km, centered around NL 42-38-26; WL 71-22-15
- (2) MOBILE: Mobile (Ground) Operations Within 8.05 km Radius of ABERDEEN PROVING GROUND, ABERDEEN, MD, within 8.05 km, centered around NL 39-27-32; WL 76-09-21
- (3) MOBILE: Mobile (Ground) Operations Within 8.05 km Radius of CAMP GRAYLING, GRAYLING, MICHIGAN, within 8.05 km, centered around NL 44-38-46; WL 84-50-11
- (4) MOBILE: Mobile (Ground) Operations Within 1.61 km Radius of 9725 East Marginal Way South, Tukwila, WA 98108, within 1.61 km, centered around NL 47-31-12; WL 122-17-55
- (5) MOBILE: Mobile (Ground) Operations Within 8.05 km Radius of 801 Leroy, Socorro, NM 87801, within 8.05 km, centered around NL 34-04-03; WL 106-55-27
- (6) MOBILE: Mobile (Ground) Operations Within 8.05 km Radius of 78433 Tower Road, Boardman, OR, 97818, within 8.05 km, centered around NL 45-45-59; WL 119-48-08

Frequency Information

MOBILE: Mobile (Ground) Operations Within 1.61 km Radius of 1001 Pawtucket Boulevard, Lowell, MA 01854, within 1.61 km, centered around NL 42-38-26; WL 71-22-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.15 GHz	MO	200MF7N	6.3 W (ERP)	0.2 %

This authorization effective February 01, 2014 and
will expire 3:00 A.M. EST February 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Mobile (Ground) Operations Within 8.05 km Radius of ABERDEEN PROVING GROUND, ABERDEEN, MD, within 8.05 km, centered around NL 39-27-32; WL 76-09-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.15 GHz	MO	200MF7N	6.3 W (ERP)	0.2 %

MOBILE: Mobile (Ground) Operations Within 8.05 km Radius of CAMP GRAYLING, GRAYLING, MICHIGAN, within 8.05 km, centered around NL 44-38-46; WL 84-50-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.15 GHz	MO	200MF7N	6.3 W (ERP)	0.2 %

MOBILE: Mobile (Ground) Operations Within 1.61 km Radius of 9725 East Marginal Way South, Tukwila, WA 98108, within 1.61 km, centered around NL 47-31-12; WL 122-17-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.15 GHz	MO	200MF7N	6.3 W (ERP)	0.2 %

MOBILE: Mobile (Ground) Operations Within 8.05 km Radius of 801 Leroy, Socorro, NM 87801, within 8.05 km, centered around NL 34-04-03; WL 106-55-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.15 GHz	MO	200MF7N	6.3 W (ERP)	0.2 %

Frequency Information

MOBILE: Mobile (Ground) Operations Within 8.05 km Radius of 78433 Tower Road, Boardman, OR, 97818, within 8.05 km, centered around NL 45-45-59; WL 119-48-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.15 GHz	MO	200MF7N	6.3 W (ERP)	0.2 %