

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WG2XLF

(Call Sign)

0559-EX-PL-2012

(File Number)

NAME Exelis Inc

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(i) of the Commission's Rules

Station Locations

(1) MOBILE: Columbia City, IN, within 30 km, centered around NL 41-08-41; WL 85-22-00

Frequency Information

MOBILE: Columbia City, IN, within 30 km, centered around NL 41-08-41; WL 85-22-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30.86-31.19 MHz	MO	25K0F3E 25K0F2E 25K0F2D 0H00N0N	5 W (ERP)	0.0006 %
31.585-31.99 MHz	MO	25K0F3E 25K0F2E 25K0F2D 0H00N0N	5 W (ERP)	0.0006 %
33.41-33.765 MHz	MO	25K0F3E 25K0F2E	5 W (ERP)	0.0006 %

This authorization effective November 29, 2012 and
will expire 3:00 A.M. EST December 01, 2014

**FEDERAL
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COMMISSION**



Frequency Information

MOBILE: Columbia City, IN, within 30 km, centered around NL 41-08-41; WL 85-22-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
33.41-33.765 MHz	MO	25K0F2D 0H00N0N	5 W (ERP)	0.0006 %
35.46-35.815 MHz	MO	25K0F3E 25K0F2E 25K0F2D 0H00N0N	5 W (ERP)	0.0006 %
37.01-37.49 MHz	MO	25K0F3E 25K0F2E 25K0F2D 0H00N0N	5 W (ERP)	0.0006 %
39.01-39.99 MHz	MO	25K0F3E 25K0F2E 25K0F2D 0H00N0N	5 W (ERP)	0.0006 %
42.585-42.94 MHz	MO	25K0F3E 25K0F2E 25K0F2D 0H00N0N	5 W (ERP)	0.0006 %
43.96-44.915 MHz	MO	25K0F3E 25K0F2E 25K0F2D 0H00N0N	5 W (ERP)	0.0006 %

Frequency Information

MOBILE: Columbia City, IN, within 30 km, centered around NL 41-08-41; WL 85-22-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
45.585-46.59 MHz	MO	25K0F3E 25K0F2E 25K0F2D 0H00N0N	5 W (ERP)	0.0006 %
48.11-48.69 MHz	MO	25K0F3E 25K0F2E 25K0F2D 0H00N0N	5 W (ERP)	0.0006 %
49.185-49.515 MHz	MO	25K0F3E 25K0F2E 25K0F2D 0H00N0N	5 W (ERP)	0.0006 %
54.01-71.99 MHz	MO	25K0F3E 25K0F2E 25K0F2D 0H00N0N	5 W (ERP)	0.0006 %
76.01-87.99 MHz	MO	25K0F3E 25K0F2E 25K0F2D 0H00N0N	5 W (ERP)	0.0006 %

Special Conditions:

- (1) 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.

Special Conditions:

- (2) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.