

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

EXPERIMENTAL

(Nature of Service)

WF2XLM

(Call Sign)

XD FX MO

(Class of Station)

0198-EX-RR-2012

(File Number)

NAME L-3 Communications Linkabit Division

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(f, g, i) of the Commission's Rules

Station Locations

- (1) Victor (ONTARIO), NY - NL 43-00-14; WL 77-27-03; MOBILE: Victor [ONTARIO], NY, within 320 km, centered around NL 43-00-14; WL 77-27-03
- (2) Melbourne (BREVARD), FL - NL 28-05-19; WL 80-38-23; MOBILE: Melbourne [BREVARD], FL, within 320 km, centered around NL 28-05-19; WL 80-38-23
- (3) San Diego (SAN DIEGO), CA - NL 32-54-06; WL 117-14-26; MOBILE: San Diego [SAN DIEGO], CA, within 320 km, centered around NL 32-54-06; WL 117-14-26
- (4) Fort Wayne (ALLEN), IN - NL 41-08-48; WL 85-10-01; MOBILE: Fort Wayne [ALLEN], IN, within 320 km, centered around NL 41-08-48; WL 85-10-01

Frequency Information

Victor (ONTARIO), NY - NL 43-00-14; WL 77-27-03; MOBILE: Victor [ONTARIO], NY, within 320 km, centered around NL 43-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.8-2.1745 MHz	MO	N0N	500 W (ERP)	
		100HA1A		
		3K00H3E		
		3K00J1D		
		3K00J3E		
		6K00A3E		

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Victor (ONTARIO), NY - NL 43-00-14; WL 77-27-03; MOBILE: Victor [ONTARIO], NY, within 320 km, centered around NL 43-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.1875-2.495 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
2.501-4.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
5.003-9.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
10.003-14.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
15.003-19.995 MHz	MO	N0N 100HA1A	500 W (ERP)	

Frequency Information

Victor (ONTARIO), NY - NL 43-00-14; WL 77-27-03; MOBILE: Victor [ONTARIO], NY, within 320 km, centered around NL 43-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.003-19.995 MHz	MO	3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
20.003-24.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
25.003-29.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
35.5-37.5 MHz	MO	N0N 25K0F2D 25K0F3E 6K00A3E 3K00J3E 3K00J1D 3K00H3E 100HA1A	500 W (ERP)	
75.5-76 MHz	MO	N0N 100HA1A	500 W (ERP)	

Frequency Information

Victor (ONTARIO), NY - NL 43-00-14; WL 77-27-03; MOBILE: Victor [ONTARIO], NY, within 320 km, centered around NL 43-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
75.5-76 MHz	MO	3K00H3E 3K00J1D 3K00J3E 6K00A3E 25K0F3E 25K0F2D	500 W (ERP)	

Melbourne (BREVARD), FL - NL 28-05-19; WL 80-38-23; MOBILE: Melbourne [BREVARD], FL, within 320 km, centered aro

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.8-2.1745 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
2.1875-2.495 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
2.501-4.1775 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E	500 W (ERP)	

Frequency Information

Melbourne (BREVARD), FL - NL 28-05-19; WL 80-38-23; MOBILE: Melbourne [BREVARD], FL, within 320 km, centered aro

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.501-4.1775 MHz	MO	6K00A3E	500 W (ERP)	
4.2075-4.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
5.003-5.6 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
5.68-6.268 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
6.312-6.525 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	

Frequency Information

Melbourne (BREVARD), FL - NL 28-05-19; WL 80-38-23; MOBILE: Melbourne [BREVARD], FL, within 320 km, centered aro

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6.6-9.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
10.003-14.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
15.003-19.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
20.003-24.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
25.003-29.995 MHz	MO	N0N 100HA1A	500 W (ERP)	

Frequency Information

Melbourne (BREVARD), FL - NL 28-05-19; WL 80-38-23; MOBILE: Melbourne [BREVARD], FL, within 320 km, centered aro

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
25.003-29.995 MHz	MO	3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
35.5-37.5 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E 25K0F3E 25K0F2D	500 W (ERP)	
75.5-76 MHz	MO	N0N 25K0F2D 25K0F3E 6K00A3E 3K00J3E 3K00J1D 3K00H3E 100HA1A	500 W (ERP)	

San Diego (SAN DIEGO), CA - NL 32-54-06; WL 117-14-26; MOBILE: San Diego [SAN DIEGO], CA, within 320 km, center

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.8-2.1745 MHz	MO	N0N 100HA1A 3K00H3E	500 W (ERP)	

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-54-06; WL 117-14-26; MOBILE: San Diego [SAN DIEGO], CA, within 320 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.8-2.1745 MHz	MO	3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
2.1875-2.495 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
2.501-4.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
5.003-9.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
10.003-14.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E	500 W (ERP)	

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-54-06; WL 117-14-26; MOBILE: San Diego [SAN DIEGO], CA, within 320 km, center of

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10.003-14.995 MHz	MO	6K00A3E	500 W (ERP)	
15.003-19.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
20.003-24.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
25.003-29.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
35.5-37.5 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E 25K0F3E	500 W (ERP)	

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-54-06; WL 117-14-26; MOBILE: San Diego [SAN DIEGO], CA, within 320 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35.5-37.5 MHz	MO	25K0F2D	500 W (ERP)	
75.5-76 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E 25K0F3E 25K0F2D	500 W (ERP)	

Fort Wayne (ALLEN), IN - NL 41-08-48; WL 85-10-01; MOBILE: Fort Wayne [ALLEN], IN, within 320 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.8-2.1745 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
2.1875-2.495 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	

Frequency Information

Fort Wayne (ALLEN), IN - NL 41-08-48; WL 85-10-01; MOBILE: Fort Wayne [ALLEN], IN, within 320 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.501-4.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
5.003-9.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
10.003-14.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
15.003-19.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
20.003-24.995 MHz	MO	N0N 100HA1A	500 W (ERP)	

Frequency Information

Fort Wayne (ALLEN), IN - NL 41-08-48; WL 85-10-01; MOBILE: Fort Wayne [ALLEN], IN, within 320 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
20.003-24.995 MHz	MO	3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
25.003-29.995 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E	500 W (ERP)	
35.5-37.5 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E 25K0F3E 25K0F2D	500 W (ERP)	
75.5-76 MHz	MO	N0N 100HA1A 3K00H3E 3K00J1D 3K00J3E 6K00A3E 25K0F3E 25K0F2D	500 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) 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.
- (3) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 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.
- (4) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) No operation is PERMITTED to transmit in any public safety frequencies listed under Part 90.20.
- (6) Operations are subject to comply with Part 90.212.
- (7) No operation is PERMITTED to transmit on frequency band 25.003-29.995 MHz.
- (8) No operation is PERMITTED to transmit on frequencies listed in Part 80.229 / 87.149.
- (9) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Randy Curran at (858) 552-9952.