

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

EXPERIMENTAL

(Nature of Service)

WF2XEI

(Call Sign)

XD FX MO

(Class of Station)

0356-EX-PL-2009

(File Number)

NAME ITT Communications Systems, a division of ITT 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(i) of the Commission's Rules

Station Locations

- (1) 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
- (2) 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
- (3) 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

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 (+/-)
1.8-2.495 MHz	MO	N0N 3K00J1D 6K00A3E 100HA1A 3K00H3E 3K00J3E	500 W (ERP)	
2.501-2.6 MHz	MO	N0N 3K00J3E	500 W (ERP)	

This authorization effective December 30, 2009 and
will expire 3:00 A.M. EST January 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



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 (+/-)
2.501-2.6 MHz	MO	3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
2.6-3.6 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
3.6-4.6 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
4.6-4.995 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
5.003-5.6 MHz	MO	N0N 3K00J3E 3K00H3E 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 (+/-)
5.003-5.6 MHz	MO	6K00A3E 3K00J1D	500 W (ERP)	
5.6-6.6 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
6.6-7.6 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
7.6-8.6 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
8.6-9.6 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 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 (+/-)
8.6-9.6 MHz	MO	3K00J1D	500 W (ERP)	

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 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	

2.1875-2.495 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
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2.501-2.6 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
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2.6-3.6 MHz	MO	N0N 3K00J3E	500 W (ERP)	
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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 (+/-)
2.6-3.6 MHz	MO	3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
3.6-4.6 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
4.6-4.995 MHz	MO	N0N 3K00J1D 6K00A3E 100HA1A 3K00H3E 3K00J3E	500 W (ERP)	
5.003-5.6 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
5.6-6.6 MHz	MO	N0N 3K00J3E 3K00H3E 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 (+/-)
5.6-6.6 MHz	MO	6K00A3E 3K00J1D	500 W (ERP)	
6.6-7.6 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
7.6-8.6 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
8.6-9.6 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	

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

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

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.8-2.1745 MHz	MO	3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
2.1875-2.495 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
2.501-2.6 MHz	MO	N0N 3K00J1D 6K00A3E 100HA1A 3K00H3E 3K00J3E	500 W (ERP)	
2.6-3.6 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
3.6-4.1775 MHz	MO	N0N 3K00J3E 3K00H3E	500 W (ERP)	

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.6-4.1775 MHz	MO	100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
4.2075-4.6 MHz	MO	N0N 3K00J3E 3K00J1D 6K00A3E 100HA1A 3K00H3E	500 W (ERP)	
4.6-4.995 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
5.003-5.6 MHz	MO	N0N 3K00J1D 6K00A3E 100HA1A 3K00H3E 3K00J3E	500 W (ERP)	
5.68-6.268 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 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 around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.68-6.268 MHz	MO	3K00J1D	500 W (ERP)	
6.312-6.525 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
6.6-7.6 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
7.6-8.6 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	500 W (ERP)	
8.6-9.6 MHz	MO	N0N 3K00J3E 3K00H3E 100HA1A 6K00A3E 3K00J1D	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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Robert Nettleton, (260) 804-0176, (260) 459-1506, (260) 451-6257.
- (5) No operation is PERMITTED on frequency 8.4145 MHz in Melbourne (Brevard), FL.