

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

EXPERIMENTAL

(Nature of Service)

XR FX MO

(Class of Station)

WG2XCF

(Call Sign)

0282-EX-CM-2017

(File Number)

NAME University of Notre Dame du Lac

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(c) of the Commission's Rules

Station Locations

- (1) Notre Dame (ST JOSEPH), IN - NL 41-41-57; WL 86-14-13
- (2) MOBILE: Inspiration Point near Arcadia, MI, within 10 km, centered around NL 44-31-11; WL 86-13-58
- (3) MOBILE: Rocky Gap Park just North of Benton Harbor, MI, within 10 km, centered around NL 42-08-03; WL 86-27-59
- (4) New Carlisle (ST JOSEPH), IN - NL 41-41-53; WL 86-27-42

Frequency Information

Notre Dame (ST JOSEPH), IN - NL 41-41-57; WL 86-14-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
460-500 MHz	FX	20M0WXN	4 W (ERP)	
902-928 MHz	FX	20M0WXN	6.3 W (ERP)	
2.402-2.483 GHz	FX	80M0WXN	25 W (ERP)	

This authorization effective March 21, 2018 and
will expire 3:00 A.M. EST March 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Notre Dame (ST JOSEPH), IN - NL 41-41-57; WL 86-14-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.725-5.875 GHz	FX	100MWXN	10 W (ERP)	
24-24.25 GHz	FX	200MWXN	10 W (ERP)	

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Frequency Information

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5.725-5.875 GHz	FX	100M0WXN	10 W (ERP)	
24-24.25 GHz	FX	200M0WXN	10 W (ERP)	

New Carlisle (ST JOSEPH), IN - NL 41-41-53; WL 86-27-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2502-2680 MHz	FX	160MW0N	10 W (ERP)	
5.92 GHz	FX	160MW0N	10 W (ERP)	

Special Conditions:

- (1) Operation requires consent of affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) 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:

- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (6) 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.
- (7) Operations on 5.92 GHz with emission 160MW0N, licensee must avoid pointing the transmitting antenna main beam within 15 degrees of any point on the geostationary orbit arc located towards south, south-east and south-west.