

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WK2XDF

(Call Sign)

1021-EX-CN-2018

(File Number)

NAME Arvig Enterprises, 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(k) of the Commission's Rules

Station Locations

- (1) Albertville, MN - NL 45-14-20; WL 93-41-13
- (2) Becker, MN - NL 45-23-51; WL 93-52-34
- (3) Clearwater, MN - NL 45-24-25; WL 94-02-38
- (4) Cold Spring, MN - NL 45-25-48; WL 94-23-06
- (5) Duelm, MN - NL 45-34-31; WL 93-55-23
- (6) Clear Lake, MN - NL 45-30-36; WL 93-56-46
- (7) St. Cloud, MN - NL 45-32-21; WL 94-10-08
- (8) St. Joseph, MN - NL 45-33-59; WL 94-15-54
- (9) St. Augusta, MN - NL 45-27-25; WL 94-10-44
- (10) Lamberton, MN - NL 44-14-02; WL 95-15-58
- (11) Renville, MN - NL 44-47-31; WL 95-12-22
- (12) Hendrum (NORMAN), MN - NL 47-15-50; WL 96-48-36
- (13) Clear Lake (SHERBURNE), MN - NL 45-31-31; WL 93-54-33

Frequency Information

Albertville, MN - NL 45-14-20; WL 93-41-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	20M0W7W 10M0W7W	50 W (ERP)	0.0005 %

This authorization effective May 22, 2019 and
will expire 3:00 A.M. EST June 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Becker, MN - NL 45-23-51; WL 93-52-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	20M0W7W 10M0W7W	50 W (ERP)	0.0005 %

Clearwater, MN - NL 45-24-25; WL 94-02-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	10M0W7W 20M0W7W	50 W (ERP)	0.0005 %

Cold Spring, MN - NL 45-25-48; WL 94-23-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	10M0W7W 20M0W7W	50 W (ERP)	0.0005 %

Duelm, MN - NL 45-34-31; WL 93-55-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	10M0W7W 20M0W7W	50 W (ERP)	0.0005 %

Frequency Information

Clear Lake, MN - NL 45-30-36; WL 93-56-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	10M0W7W 20M0W7W	50 W (ERP)	0.0005 %

St. Cloud, MN - NL 45-32-21; WL 94-10-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	20M0W7W 10M0W7W	50 W (ERP)	0.0005 %

St. Joseph, MN - NL 45-33-59; WL 94-15-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	10M0W7W 20M0W7W	50 W (ERP)	0.0005 %

St. Augusta, MN - NL 45-27-25; WL 94-10-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	10M0W7W 20M0W7W	50 W (ERP)	0.0005 %

Frequency Information

Lamberton, MN - NL 44-14-02; WL 95-15-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	10M0W7W 20M0W7W	50 W (ERP)	0.0005 %

Renville, MN - NL 44-47-31; WL 95-12-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	10M0W7W 20M0W7W	50 W (ERP)	0.0005 %

Hendrum (NORMAN), MN - NL 47-15-50; WL 96-48-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	10M0W7W 20M0W7W	50 W (ERP)	0.0005 %

Clear Lake (SHERBURNE), MN - NL 45-31-31; WL 93-54-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	10M0W7N 20M0W7W	10 W (ERP)	0.0005 %

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) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Licensee must maintain operation separation from the grandfathered earth stations as defined in Part 90, Subpart Z, or coordinate an agreement with the grandfathered earth station licensees prior to operation in 3650-3700 MHz band.
- (4) Licensee must consult the ULS database to ensure that the operation will not cause harmful interference to any existing registered stations in the 3650-3700 MHz band, and notify the registered users in the proposed geographic areas.
- (5) Licensee be aware that FSS earth stations are licensed above 3700 MHz and if any interference occurs, the experimental licensee of this authorization will be subject to immediate shut down.