

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WL2XRN

(Call Sign)

0320-EX-CN-2021

(File Number)

NAME BNSF Railway Company

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(h) of the Commission's Rules

Station Locations

- (1) Haslet (TARRANT), TX - NL 33-02-49; WL 97-20-38
- (2) Fort Worth (DENTON), TX - NL 33-02-49; WL 97-20-38
- (3) Muenster (COOKE), TX - NL 32-49-27; WL 97-20-01

Frequency Information

Haslet (TARRANT), TX - NL 33-02-49; WL 97-20-38

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 24.45-24.65 GHz | FX            | 165MF3N             | 2.5 W (ERP)      |                           |

Fort Worth (DENTON), TX - NL 33-02-49; WL 97-20-38

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 24.45-24.65 GHz | FX            | 165MF3N             | 2.5 W (ERP)      |                           |

This authorization effective June 01, 2021 and  
will expire 3:00 A.M. EST June 01, 2023

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Muenster (COOKE), TX - NL 32-49-27; WL 97-20-01

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 24.45-24.65 GHz | FX            | 165MF3N             | 2.5 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) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (4) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (5) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing
- (6) Stop Buzzers, Jim Barrett at 682-429-6934 and Miles Francis at 817-368-3447.