

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WO9XDD

(Call Sign)

XT FX MO

(Class of Station)

1223-EX-ST-2020

(File Number)

NAME BNSF Railway Company

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

The development of a trackside communications system that will provide higher speed, wireless connectivity along BNSF Right of Way.

Station Locations

- (1) Tulia (SWISHER), TX - NL 34-32-13; WL 101-46-40; MOBILE: Tulia, TX, within 80.5 km, centered around NL 34-32-13; WL 101-46-40
- (2) Plainview (HALE), TX - NL 34-11-35; WL 101-42-10; MOBILE: Plainview, TX, within 80.5 km, centered around NL 34-11-35; WL 101-42-10

Frequency Information

Tulia (SWISHER), TX - NL 34-32-13; WL 101-46-40; MOBILE: Tulia, TX, within 80.5 km, centered around NL 34-32-13; WL 101-46-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
897.00625-897.13125 MHz	FX	12K5W7D	25 W (ERP)	
897.00625-897.13125 MHz	MO	12K5W7D	25 W (ERP)	

This authorization effective August 29, 2020 and
will expire 3:00 A.M. EST February 26, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Tulia (SWISHER), TX - NL 34-32-13; WL 101-46-40; MOBILE: Tulia, TX, within 80.5 km, centered around NL 34-32-13; WL 101-46-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
936.00625-936.13125 MHz	FX	12K5W7D	25 W (ERP)	
936.00625-936.13125 MHz	MO	12K5W7D	25 W (ERP)	

Plainview (HALE), TX - NL 34-11-35; WL 101-42-10; MOBILE: Plainview, TX, within 80.5 km, centered around NL 34-11-35; WL 101-42-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
897.00625-897.13125 MHz	FX	12K5W7D	25 W (ERP)	
897.00625-897.13125 MHz	MO	12K5W7D	25 W (ERP)	
936.00625-936.13125 MHz	MO	12K5W7D	25 W (ERP)	
936.00625-936.13125 MHz	FX	12K5W7D	25 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) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - SMR licensees (896-901 MHz/935-940 MHz)
 - B/ILT licensees (896-901 MHz/935-940 MHz)

Special Conditions:

- (4) Future STA requests to extend this authorization will not be considered. The applicant is required to file for a regular experimental application in accordance with the FCC CFR 47 Part 5.61.
- (5) Stop Buzzers, Jim Barrett at (682) 429-6934 and Miles Francis at (817) 368-3447.