

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

EXPERIMENTAL

(Nature of Service)

WP9XIF

(Call Sign)

XT FX

(Class of Station)

0514-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:

To research, development, and testing of a radar system on runways.

Station Locations

(1) Playas (HIDALGO), NM - NL 31-56-09; WL 108-32-42

Frequency Information

Playas (HIDALGO), NM - NL 31-56-09; WL 108-32-42

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

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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.

This authorization effective May 05, 2020 and
will expire 3:00 A.M. EST September 20, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (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.
- (7) 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 (c).
- (8) BNSF Railway Company must coordinate operations with the DoD AFC-WSMR office via email (usarmy.wsmr.imcom-central.list.dodafc@mail.mil) at least 96 hours prior to activation. A weekly schedule must be provided to the AFC-WSMR via email (usarmy.wsmr.imcomcentral.list.dodafc@mail.mil). AFC-WSMR coordination number is WS-20-32.