

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

EXPERIMENTAL

(Nature of Service)

WI2XMJ

(Call Sign)

XT MO

(Class of Station)

0535-EX-PL-2016

(File Number)

NAME BNSF Railway Co.

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) MOBILE: Playas, NM, within 10 km, centered around NL 31-54-11; WL 108-31-29

Frequency Information

MOBILE: Playas, NM, within 10 km, centered around NL 31-54-11; WL 108-31-29

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 16.2-16.5 GHz | MO            | 6M35Q3N             | 9.332 kW (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) BNSF Railway Co. must coordinate their operations with the DoD Area Frequency Coordinator (DoD-AFC) - White Sands Missile Range, (WSMR), at least 96 hours in advance, via e-mail to [usarmy.wsmr.imcom-central.list.dodaafc@mail.mil](mailto:usarmy.wsmr.imcom-central.list.dodaafc@mail.mil). If operations are daily, then a weekly schedule is preferred. Please include planned dates, start times, and stop times, and notify DoD-AFC (WSMR) of any cancellations.

This authorization effective September 22, 2016 and  
will expire 3:00 A.M. EST October 01, 2018

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (4) The Point-of-contact for Cease Buzzer: Primary (626) 302-7858 / Secondary (315) 452-8114