

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WJ9XID

(Call Sign)

1434-EX-ST-2016

(File Number)

NAME BNSF Railway Co.

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:  
Radar detection testing.

Station Locations

- (1) MOBILE: Playas, NM, within 10 km, centered around NL 31-54-11; WL 108-31-29
- (2) MOBILE: 10 KMRA around Fixed Point in Fort Sumner, NM, within 10 km, centered around NL 34-24-27; WL 104-18-04
- (3) MOBILE: 10 KMRA around Fixed Point in Fort Sumner, NM, within 10 km, centered around NL 34-38-53; WL 104-15-05

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)   |                           |

This authorization effective October 13, 2016 and  
will expire 3:00 A.M. EST April 02, 2017

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

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## 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) The Point-of-contact for Cease Buzzer: Primary (626) 302-7858 / Secondary (315) 452-8114.
- (4) These radars may not be used to prevent collisions between aircraft (manned or unmanned).
- (5) The output of these radars may not be viewed by an unmanned aircraft pilot while operating an unmanned aircraft.
- (6) The output of these radars may not be displayed in any air traffic control facility.
- (7) The output of these radars may not be used to provide target data for air traffic control use.
- (8) BNSF 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 and stop times, and notify DoD-AFC (WSMR) of any cancellations.