

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

*San Juan Adm*  
*#23*

EXPERIMENTAL

(Nature of Service)

WD2XDE

(Call Sign)

XD FX

(Class of Station)

0090-EX-RR-2005

(File Number)

NAME New Mexico, State of: Office of the State Engineer

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(i) of the Commission's Rules

Station Locations

- (1) (SAN JUAN), NM - NL 36-48-25; WL 107-41-10
- (2) (SAN JUAN), NM - NL 36-47-30; WL 107-43-01
- (3) (SAN JUAN), NM - NL 36-49-24; WL 108-00-32
- (4) (SAN JUAN), NM - NL 36-44-55; WL 108-08-58
- (5) (SAN JUAN), NM - NL 36-42-53; WL 108-12-58
- (6) (SAN JUAN), NM - NL 36-43-49; WL 108-17-26
- (7) (SAN JUAN), NM - NL 36-44-38; WL 107-48-42
- (8) (SAN JUAN), NM - NL 36-45-33; WL 107-46-24
- (9) (SAN JUAN), NM - NL 36-44-46; WL 108-27-04
- (10) (SAN JUAN), NM - NL 36-48-50; WL 108-01-00
- (11) (SAN JUAN), NM - NL 36-52-09; WL 107-57-56
- (12) (SAN JUAN), NM - NL 36-46-17; WL 107-44-29
- (13) (SAN JUAN), NM - NL 36-44-25; WL 108-10-10
- (14) (SAN JUAN), NM - NL 36-47-11; WL 108-05-11
- (15) (SAN JUAN), NM - NL 36-45-35; WL 107-44-45
- (16) (SAN JUAN), NM - NL 36-43-52; WL 108-10-50
- (17) (SAN JUAN), NM - NL 36-43-46; WL 108-12-07
- (18) (SAN JUAN), NM - NL 36-54-36; WL 107-54-50
- (19) (SAN JUAN), NM - NL 36-56-47; WL 107-52-51
- (20) (SAN JUAN), NM - NL 36-57-00; WL 108-11-11
- (21) (SAN JUAN), NM - NL 36-52-05; WL 107-58-15
- (22) (SAN JUAN), NM - NL 36-58-19; WL 108-11-29
- (23) (SAN JUAN), NM - NL 36-54-36; WL 108-10-46
- (24) (SAN JUAN), NM - NL 36-48-31; WL 108-02-50
- (25) (SAN JUAN), NM - NL 36-57-54; WL 108-11-31

This authorization effective July 01, 2005 and  
will expire 3:00 A.M. EST July 01, 2007

FEDERAL  
COMMUNICATIONS  
COMMISSION



**Station Locations**

- (26) (SAN JUAN), NM - NL 36-59-24; WL 108-11-23
- (27) (SAN JUAN), NM - NL 36-46-42; WL 108-07-33
- (28) (SAN JUAN), NM - NL 36-51-48; WL 108-12-10
- (29) (SAN JUAN), NM - NL 36-55-26; WL 108-10-50
- (30) (SAN JUAN), NM - NL 36-56-26; WL 108-11-26
- (31) (SAN JUAN), NM - NL 36-57-50; WL 108-11-26
- (32) (SAN JUAN), NM - NL 36-55-45; WL 108-11-09
- (33) (SAN JUAN), NM - NL 36-48-54; WL 108-13-06
- (34) (SAN JUAN), NM - NL 36-58-59; WL 107-52-02
- (35) (SAN JUAN), NM - NL 36-53-17; WL 107-56-58
- (36) (SAN JUAN), NM - NL 36-59-59; WL 107-52-09

**Frequency Information**

(SAN JUAN), NM - NL 36-48-25; WL 107-41-10

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-47-30; WL 107-43-01

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-49-24; WL 108-00-32

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

Frequency Information

(SAN JUAN), NM - NL 36-44-55; WL 108-08-58

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-42-53; WL 108-12-58

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-43-49; WL 108-17-26

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-44-38; WL 107-48-42

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

## Frequency Information

(SAN JUAN), NM - NL 36-45-33; WL 107-46-24

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-44-46; WL 108-27-04

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-48-50; WL 108-01-00

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-52-09; WL 107-57-56

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

**Frequency Information**

(SAN JUAN), NM - NL 36-46-17; WL 107-44-29

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-44-25; WL 108-10-10

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-47-11; WL 108-05-11

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-45-35; WL 107-44-45

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

## Frequency Information

(SAN JUAN), NM - NL 36-43-52; WL 108-10-50

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-43-46; WL 108-12-07

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-54-36; WL 107-54-50

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-56-47; WL 107-52-51

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

**Frequency Information**

(SAN JUAN), NM - NL 36-57-00; WL 108-11-11

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-52-05; WL 107-58-15

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-58-19; WL 108-11-29

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-54-36; WL 108-10-46

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

## Frequency Information

(SAN JUAN), NM - NL 36-48-31; WL 108-02-50

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-57-54; WL 108-11-31

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-59-24; WL 108-11-23

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-46-42; WL 108-07-33

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |



**Frequency Information**

(SAN JUAN), NM - NL 36-51-48; WL 108-12-10

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-55-26; WL 108-10-50

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-56-26; WL 108-11-26

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-57-50; WL 108-11-26

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

Frequency Information

(SAN JUAN), NM - NL 36-55-45; WL 108-11-09

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-48-54; WL 108-13-06

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-58-59; WL 107-52-02

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

(SAN JUAN), NM - NL 36-53-17; WL 107-56-58

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 W (ERP)       |                           |

**Frequency Information**

(SAN JUAN), NM - NL 36-59-59; WL 107-52-09

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 401.9575 MHz | FX            | 1K50G1D             | 72 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) POINT OF COMMUNICATION: GOES Satellite
- (4) Subject to coordination and scheduling with Mr. Dane Clark; National Environmental Satellite, Data and Information Service (NESDIS), U.S. Dept. of Commerce; Direct Services Division (E/SP3); Room 3340 FB4 NOAA; 5200 Auth Road; Suitland, MD 20746-4304; telephone (301) 457-5681.

