

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

EXPERIMENTAL

(Nature of Service)

WD2XSH

(Call Sign)

XR FX

(Class of Station)

0105-EX-PL-2005

(File Number)

NAME American Radio Relay League, Inc.

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) Jamestown, RI - NL 41-27-30; WL 71-23-45
- (2) Hammond, LA - NL 30-27-00; WL 90-31-00
- (3) Rhome, TX - NL 33-09-32; WL 97-28-48
- (4) Burbank, CA - NL 34-11-19; WL 118-17-46
- (5) Bow, NH - NL 43-07-30; WL 71-30-59
- (6) Long Beach, MS - NL 30-21-42; WL 89-08-10
- (7) Jefferson, LA - NL 29-57-52; WL 90-10-42
- (8) McLean, VA - NL 38-55-58; WL 77-10-17
- (9) Jamestown, RI - NL 41-29-47; WL 71-22-50
- (10) Stanfield, NC - NL 35-15-21; WL 80-23-00
- (11) Cookeville, TN - NL 36-13-37; WL 85-33-00
- (12) Nederland, CO - NL 39-58-27; WL 105-29-10
- (13) Verndale, MN - NL 46-36-42; WL 94-48-03
- (14) Colchester, VT - NL 44-30-20; WL 73-08-40
- (15) Roland, AR - NL 34-49-51; WL 92-31-43
- (16) St. Francis, MN - NL 45-22-54; WL 93-21-41
- (17) Marshfield, MA - NL 42-04-46; WL 70-42-21
- (18) Green Harbor, MA - NL 42-04-18; WL 70-39-16
- (19) Batavia, IL - NL 41-50-48; WL 88-19-08
- (20) Cottage Grove, OR - NL 43-42-14; WL 123-02-19
- (21) Colorado Springs, CO - NL 38-48-44; WL 104-51-05
- (22) Buffalo, NY - NL 42-53-24; WL 78-45-24
- (23) Wayland, MA - NL 42-21-55; WL 71-20-08

This authorization effective September 13, 2006 and  
will expire 3:00 A.M. EST September 01, 2008

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



Frequency Information

Jamestown, RI - NL 41-27-30; WL 71-23-45

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Hammond, LA - NL 30-27-00; WL 90-31-00

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Rhome, TX - NL 33-09-32; WL 97-28-48

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Burbank, CA - NL 34-11-19; WL 118-17-46

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

## Frequency Information

Bow, NH - NL 43-07-30; WL 71-30-59

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Long Beach, MS - NL 30-21-42; WL 89-08-10

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Jefferson, LA - NL 29-57-52; WL 90-10-42

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

McLean, VA - NL 38-55-58; WL 77-10-17

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Frequency Information

Jamestown, RI - NL 41-29-47; WL 71-22-50

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Stanfield, NC - NL 35-15-21; WL 80-23-00

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Cookeville, TN - NL 36-13-37; WL 85-33-00

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Nederland, CO - NL 39-58-27; WL 105-29-10

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Frequency Information

Verndale, MN - NL 46-36-42; WL 94-48-03

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Colchester, VT - NL 44-30-20; WL 73-08-40

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Roland, AR - NL 34-49-51; WL 92-31-43

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

St. Francis, MN - NL 45-22-54; WL 93-21-41

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Frequency Information

Marshfield, MA - NL 42-04-46; WL 70-42-21

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Green Harbor, MA - NL 42-04-18; WL 70-39-16

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Batavia, IL - NL 41-50-48; WL 88-19-08

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Cottage Grove, OR - NL 43-42-14; WL 123-02-19

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Frequency Information

Colorado Springs, CO - NL 38-48-44; WL 104-51-05

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Buffalo, NY - NL 42-53-24; WL 78-45-24

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 W (ERP)       |                           |

Wayland, MA - NL 42-21-55; WL 71-20-08

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 505-510 KHZ | FX            | 150HA1A             | 20 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.