

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

EXPERIMENTAL

(Nature of Service)

WD2XSH

(Call Sign)

XR FX MO

(Class of Station)

0001-EX-ML-2011

(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; MOBILE: within 50 km of specified fixed station location, within 50 km
- (2) Hammond, LA - NL 30-27-00; WL 90-31-00; MOBILE: , within 50 km
- (3) Bow, NH - NL 43-07-30; WL 71-30-59; MOBILE: within 50 km of specified fixed station location, within 50 km
- (4) Long Beach, MS - NL 30-21-42; WL 89-08-10; MOBILE: within 50 km of specified fixed station location, within 50 km
- (5) Natchitoches, LA - NL 31-46-37; WL 93-11-01; MOBILE: within 50 km of specified fixed station location, within 50 km
- (6) McLean, VA - NL 38-55-58; WL 77-10-17; MOBILE: within 50 km of specified fixed station location, within 50 km
- (7) Jamestown, RI - NL 41-29-47; WL 71-22-50; MOBILE: within 50 km of specified fixed station location, within 50 km
- (8) Stanfield, NC - NL 35-15-21; WL 80-23-00; MOBILE: within 50 km of specified fixed station location, within 50 km
- (9) Cookeville, TN - NL 36-13-37; WL 85-33-00; MOBILE: within 50 km of specified fixed station location, within 50 km
- (10) Nederland, CO - NL 39-58-27; WL 105-29-10; MOBILE: within 50 km of specified fixed station location, within 50 km
- (11) Verndale, MN - NL 46-36-42; WL 94-48-16; MOBILE: within 50 km of fixed station location, within 50 km
- (12) Colchester, VT - NL 44-30-20; WL 73-08-40; MOBILE: within 50 km of specified fixed station location, within 50 km
- (13) Roland, AR - NL 34-49-51; WL 92-31-43; MOBILE: within 50 km of fixed station location, within 50 km

This authorization effective February 24, 2011 and
will expire 3:00 A.M. EST August 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Station Locations

- (14) St. Francis, MN - NL 45-22-54; WL 93-21-41; MOBILE: within 50 km of specified fixed station location, within 50 km
- (15) Marshfield, MA - NL 42-04-46; WL 70-42-21; MOBILE: within 50 km of specified fixed station location, within 50 km
- (16) Green Harbor, MA - NL 42-04-18; WL 70-39-16; MOBILE: within 50 km of specified fixed station location, within 50 km
- (17) Batavia, IL - NL 41-50-48; WL 88-19-08; MOBILE: within 50 km of specified fixed station location, within 50 km
- (18) Cottage Grove, OR - NL 43-42-14; WL 123-02-19; MOBILE: within 50 km of specified fixed station location, within 50 km
- (19) Buffalo, NY - NL 43-00-03; WL 78-47-34; MOBILE: within 50 km of specified fixed station location, within 50 km
- (20) Wayland, MA - NL 42-21-55; WL 71-20-08; MOBILE: within 50 km of specified fixed station location, within 50 km
- (21) Hilo, HI - NL 19-38-58; WL 155-07-26; MOBILE: within 50 km of specified fixed station location, within 50 km
- (22) El Cerrito, CA - NL 37-54-02; WL 122-18-22; MOBILE: within 50 km of specified fixed station location, within 50 km
- (23) Nikiski, AK - NL 60-40-05; WL 151-18-51; MOBILE: within 50 km of specified fixed station location, within 50 km
- (24) Moscow, ID - NL 46-44-09; WL 116-59-55; MOBILE: within 50 km of fixed station location, within 50 km
- (25) Elbe, WA - NL 46-45-45; WL 122-10-18; MOBILE: within 50 km of specified fixed station location, within 50 km
- (26) Stehekin, WA - NL 48-21-23; WL 120-44-01; MOBILE: within 50 kilometers of specified fixed station location, within 50 km
- (27) North Pole, AK - NL 64-46-52; WL 147-22-06; MOBILE: within 50 km of specified fixed station location, within 50 km
- (28) Wasilla, AK - NL 61-35-43; WL 149-24-32; MOBILE: within 50 km of specified fixed station location, within 50 km
- (29) Conneaut, OH - NL 41-50-45; WL 80-36-41; MOBILE: within 50 km of specified fixed station location, within 50 km
- (30) Eden Prairie, MN - NL 44-52-33; WL 93-28-04; MOBILE: within 50 km of specified fixed station location, within 50 km
- (31) Forest, VA - NL 37-23-39; WL 79-14-16; MOBILE: within 50 km of specified fixed station location, within 50 km
- (32) Gays Mills, WI - NL 43-17-40; WL 90-52-01; MOBILE: within 50 km of specified fixed station location, within 50 km
- (33) Boone, IA - NL 42-02-25; WL 93-58-21; MOBILE: within 50 km of specified fixed station location, within 50 km
- (34) Indianola, IA - NL 41-26-16; WL 93-34-06; MOBILE: within 50 km of specified fixed station location, within 50 km
- (35) Elk Point, SD - NL 42-45-51; WL 96-41-55; MOBILE: within 50 km of specified fixed station location, within 50 km
- (36) Bethany, OK - NL 35-30-41; WL 97-39-45; MOBILE: within 50 km of specified fixed station location, within 50 km
- (37) Groton, MA - NL 42-36-14; WL 71-32-31; MOBILE: within 50 km of specified fixed station location, within 50 km

Station Locations

- (38) Charlestown, NH - NL 43-14-19; WL 72-25-30; MOBILE: within 50 km of specified fixed station location, within 50 km
- (39) Pelham, NH - NL 42-44-58; WL 71-21-47; MOBILE: within 50 km of specified fixed station location, within 50 km
- (40) New Bedford, MA - NL 41-40-16; WL 70-56-39; MOBILE: within 50 km of specified fixed station location, within 50 km
- (41) Stow, MA - NL 42-24-24; WL 71-29-50; MOBILE: within 50 km of specified fixed station location, within 50 km
- (42) Caldwell, NJ - NL 40-50-43; WL 74-16-48; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency Information

Jamestown, RI - NL 41-27-30; WL 71-23-45; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

Hammond, LA - NL 30-27-00; WL 90-31-00; MOBILE: , within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

Hammond, LA - NL 30-27-00; WL 90-31-00; MOBILE: , within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

Bow, NH - NL 43-07-30; WL 71-30-59; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

Long Beach, MS - NL 30-21-42; WL 89-08-10; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

Long Beach, MS - NL 30-21-42; WL 89-08-10; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

Natchitoches, LA - NL 31-46-37; WL 93-11-01; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

McLean, VA - NL 38-55-58; WL 77-10-17; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	FX	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

McLean, VA - NL 38-55-58; WL 77-10-17; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	FX	62H0F1B 62H0G1D	20 W (ERP)	

Jamestown, RI - NL 41-29-47; WL 71-22-50; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

Stanfield, NC - NL 35-15-21; WL 80-23-00; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

Stanfield, NC - NL 35-15-21; WL 80-23-00; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

Cookeville, TN - NL 36-13-37; WL 85-33-00; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

Nederland, CO - NL 39-58-27; WL 105-29-10; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

Nederland, CO - NL 39-58-27; WL 105-29-10; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

Verndale, MN - NL 46-36-42; WL 94-48-16; MOBILE: within 50 km of fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

Colchester, VT - NL 44-30-20; WL 73-08-40; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

Colchester, VT - NL 44-30-20; WL 73-08-40; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

Roland, AR - NL 34-49-51; WL 92-31-43; MOBILE: within 50 km of fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

St. Francis, MN - NL 45-22-54; WL 93-21-41; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G2D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

St. Francis, MN - NL 45-22-54; WL 93-21-41; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

Marshfield, MA - NL 42-04-46; WL 70-42-21; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

Green Harbor, MA - NL 42-04-18; WL 70-39-16; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

Green Harbor, MA - NL 42-04-18; WL 70-39-16; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

Batavia, IL - NL 41-50-48; WL 88-19-08; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

Cottage Grove, OR - NL 43-42-14; WL 123-02-19; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

Cottage Grove, OR - NL 43-42-14; WL 123-02-19; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

Buffalo, NY - NL 43-00-03; WL 78-47-34; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

Wayland, MA - NL 42-21-55; WL 71-20-08; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

Wayland, MA - NL 42-21-55; WL 71-20-08; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

Hilo, HI - NL 19-38-58; WL 155-07-26; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

El Cerrito, CA - NL 37-54-02; WL 122-18-22; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

El Cerrito, CA - NL 37-54-02; WL 122-18-22; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

Nikiski, AK - NL 60-40-05; WL 151-18-51; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

Moscow, ID - NL 46-44-09; WL 116-59-55; MOBILE: within 50 km of fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

Moscow, ID - NL 46-44-09; WL 116-59-55; MOBILE: within 50 km of fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

Elbe, WA - NL 46-45-45; WL 122-10-18; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

Stehekin, WA - NL 48-21-23; WL 120-44-01; MOBILE: within 50 kilometers of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	62H0F1B 62H0G1D 150HA1A 62H0J2B	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

Stehekin, WA - NL 48-21-23; WL 120-44-01; MOBILE: within 50 kilometers of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

North Pole, AK - NL 64-46-52; WL 147-22-06; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

Wasilla, AK - NL 61-35-43; WL 149-24-32; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0F1B	20 W (ERP)	

Frequency Information

Wasilla, AK - NL 61-35-43; WL 149-24-32; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0J2B 62H0G1D	20 W (ERP)	

Conneaut, OH - NL 41-50-45; WL 80-36-41; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

Eden Prairie, MN - NL 44-52-33; WL 93-28-04; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

Eden Prairie, MN - NL 44-52-33; WL 93-28-04; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

Forest, VA - NL 37-23-39; WL 79-14-16; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

Gays Mills, WI - NL 43-17-40; WL 90-52-01; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

Gays Mills, WI - NL 43-17-40; WL 90-52-01; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

Boone, IA - NL 42-02-25; WL 93-58-21; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

Indianola, IA - NL 41-26-16; WL 93-34-06; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

Indianola, IA - NL 41-26-16; WL 93-34-06; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

Elk Point, SD - NL 42-45-51; WL 96-41-55; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

Bethany, OK - NL 35-30-41; WL 97-39-45; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

Bethany, OK - NL 35-30-41; WL 97-39-45; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

Groton, MA - NL 42-36-14; WL 71-32-31; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

Charlestown, NH - NL 43-14-19; WL 72-25-30; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

Charlestown, NH - NL 43-14-19; WL 72-25-30; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

Pelham, NH - NL 42-44-58; WL 71-21-47; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

New Bedford, MA - NL 41-40-16; WL 70-56-39; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B	20 W (ERP)	

Frequency Information

New Bedford, MA - NL 41-40-16; WL 70-56-39; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0F1B 62H0G1D	20 W (ERP)	

Stow, MA - NL 42-24-24; WL 71-29-50; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	62H0G1D 150HA1A 62H0J2B 62H0F1B	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	

Caldwell, NJ - NL 40-50-43; WL 74-16-48; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
461-478 kHz	MO	150HA1A 62H0J2B 62H0F1B 62H0G1D	20 W (ERP)	
495-510 kHz	MO	150HA1A 62H0F1B	20 W (ERP)	

Frequency Information

Caldwell, NJ - NL 40-50-43; WL 74-16-48; MOBILE: within 50 km of specified fixed station location, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
495-510 kHz	MO	62H0G1D 62H0J2B	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.