

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WH2XHW

(Call Sign)

0488-EX-PL-2014

(File Number)

NAME Marine Exchange of Alaska

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(c) of the Commission's Rules

Station Locations

- (1) Juneau (Borough of Juneau), AK - NL 58-17-07; WL 134-23-23
- (2) Homer (Kenai Peninsula), AK - NL 59-36-07; WL 151-25-02
- (3) Barrow (North Slope), AK - NL 71-17-24; WL 156-47-25
- (4) Prudhoe Bay (North Slope), AK - NL 70-13-19; WL 148-25-10
- (5) Wales (Northwest Arctic), AK - NL 65-36-19; WL 168-05-08
- (6) Anchorage (Anchorage), AK - NL 61-14-20; WL 149-53-21
- (7) Dutch Harbor (Aleutians East), AK - NL 53-55-09; WL 166-33-32

Frequency Information

Juneau (Borough of Juneau), AK - NL 58-17-07; WL 134-23-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
161.975 MHz	FX	16K0GXW 11K0GXW	12.5 W (ERP)	
162.025 MHz	FX	16K0GXW 11K0GXW	12.5 W (ERP)	

This authorization effective August 26, 2014 and
will expire 3:00 A.M. EST September 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Homer (Kenai Peninsula), AK - NL 59-36-07; WL 151-25-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
161.975 MHz	FX	16K0GXW 11K0GXW	12.5 W (ERP)	
162.025 MHz	FX	16K0GXW 11K0GXW	12.5 W (ERP)	

Barrow (North Slope), AK - NL 71-17-24; WL 156-47-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
161.975 MHz	FX	16K0GXW 11K0GXW	12.5 W (ERP)	
162.025 MHz	FX	16K0GXW 11K0GXW	12.5 W (ERP)	

Prudhoe Bay (North Slope), AK - NL 70-13-19; WL 148-25-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
161.975 MHz	FX	16K0GXW 11K0GXW	12.5 W (ERP)	
162.025 MHz	FX	16K0GXW 11K0GXW	12.5 W (ERP)	

Frequency Information

Wales (Northwest Arctic), AK - NL 65-36-19; WL 168-05-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
161.975 MHz	FX	16K0GXW 11K0GXW	12.5 W (ERP)	
162.025 MHz	FX	16K0GXW 11K0GXW	12.5 W (ERP)	

Anchorage (Anchorage), AK - NL 61-14-20; WL 149-53-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
161.975 MHz	FX	16K0GXW 11K0GXW	12.5 W (ERP)	
162.025 MHz	FX	16K0GXW 11K0GXW	12.5 W (ERP)	

Dutch Harbor (Aleutians East), AK - NL 53-55-09; WL 166-33-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
161.975 MHz	FX	16K0GXW 11K0GXW	12.5 W (ERP)	
162.025 MHz	FX	16K0GXW 11K0GXW	12.5 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) 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) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; 13-CRADA-RDC-002. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.