

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

EXPERIMENTAL

(Nature of Service)

WF2XZM

(Call Sign)

XT MO

(Class of Station)

0582-EX-CR-2020

(File Number)

NAME Bollinger Shipyards, Lockport, LLC

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) MOBILE: Within 12 NM of Grand Isle, LA, within 19.6 km, centered around NL 29-16-00; WL 89-57-24

Frequency Information

MOBILE: Within 12 NM of Grand Isle, LA, within 19.6 km, centered around NL 29-16-00; WL 89-57-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.5-30 MHz	MO	3K00J3E 3K00H3E	125 W (ERP)	
1.6-30 MHz	MO	2K80J3E 3K00J3E 3K00H3E	125 W (ERP)	
1.605-27.5 MHz	MO	3K00J3E 134HJ2B	150 W (ERP)	

This authorization effective November 01, 2020 and
will expire 3:00 A.M. EST November 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Within 12 NM of Grand Isle, LA, within 19.6 km, centered around NL 29-16-00; WL 89-57-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-87.975 MHz	MO	15K0F3E 6K00A3E 45K0G1D	100 W (ERP)	
137.1-173.9875 MHz	MO	8K00F1E	50 W (ERP)	
155-161.475 MHz	MO	16K0F3E	25 W (ERP)	
156.025-162.025 MHz	MO	11K0F1D 14K2G2B 16K0G3E	12.5 W (ERP)	
156.025-163.275 MHz	MO	16K0G3E 16K0G2B	25 W (ERP)	
237.9 MHz	MO	6K00A3E 25K0F1D 15K0F3E	10 W (ERP)	
275.125 MHz	MO	5K00A1E 6K00A1E	10 W (ERP)	
420-960 MHz	MO	16K0G1D	5 W (ERP)	

Frequency Information

MOBILE: Within 12 NM of Grand Isle, LA, within 19.6 km, centered around NL 29-16-00; WL 89-57-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-756 MHz	MO	16K0G1D	5 W (ERP)	
776-788 MHz	MO	16K0G1D	5 W (ERP)	
805-960 MHz	MO	16K0G1D	5 W (ERP)	
1616-1626.5 MHz	MO	41K7Q7W	7 W (ERP)	
9410 MHz	MO	17M0P0N	25 kW (ERP)	
9410 MHz	MO	17M0P0N	4 kW (ERP)	
9.35 GHz	MO	300MP0N	500 mW (ERP)	
14-14.5 GHz	MO	36M0G3D	4 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (4) The use of public safety frequencies listed under rule 90.20 is prohibited.
- (5) All operations of transmitters with satellites will be on a non-interference basis to satellites and earth stations and must be reported to the FCC. Associated receivers may not claim protection from interference.
- (6) GPS receivers may receive only from US satellite operators.
- (7) Operation is NOT PERMITTED using the following frequency bands:
 - 2.495 - 2.505 MHz
 - 2.850 - 3.025 MHz
 - 3.400 - 3.500 MHz
 - 4.650 - 4.700 MHz
 - 4.995 - 5.005 MHz
 - 5.450 - 5.680 MHz
 - 6.525 - 6.685 MHz
 - 8.815 - 8.965 MHz
 - 9.995 - 10.100 MHz
 - 11.275 - 11.400 MHz
 - 13.260 - 13.360 MHz
 - 14.990 - 15.010 MHz
 - 17.900 - 17.970 MHz
 - 19.990 - 20.010 MHz
 - 21.924 - 22.000 MHz
 - 24.990 - 25.010 MHz
 - 14.995 - 15.005 MHz
 - 19.995 - 20.005 MHz
 - 24.995 - 25.005 MHz
 - 74.600 - 75.400 MHz
 - 162.462500 - 162.500000 MHz
 - 162.056250 - 162.068750 MHz
 - 162.475000 - 162.475000 MHz
 - 162.537500 - 162.562500 MHz
 - 162.868750 - 162.881250 MHz
 - 163.181250 - 163.193750 MHz
 - 166.162500 - 166.187500 MHz
 - 169.312500 - 169.337500 MHz
 - 172.162500 - 172.187500 MHz
 - 172.912500 - 172.937500 MHz
- (8) Operation on this assignment is subject to immediate cessation, if it causes harmful interference to US Coast Guard and Navy assignments.
- (9) Operation the frequency 9410 MHz is subject to prior coordination with the Gulf area Frequency Coordinator located at Eglin AFB, FL, to use within the area bounded by 27 N 33 30' N 83 W 90 W.
- (10) Operation is NOT PERMITTED using the frequency band 608-614 MHz, 756-776 MHz and 788-805 MHz.
- (11) The designated point-of-contact to terminate the system if having interference occurs is Bill Dicken at (985) 532-7767.
- (12) Operation is subject to coordinate with National Science Foundation (NSF) at esm@nsf.gov prior using the band segment 14.47-14.5 GHz.

Special Conditions:

- (13) No transmissions are permitted between 14.0 - 14.2 GHz within 125 km of White Sands, NM (latitude: 32° 20' 59" N, longitude 106° 36' 31" W and latitude: 32° 32' 40" N, longitude 106° 36' 48" W).
- (14) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Coast Guard contract number HSCG23-08-C-2FR125 and HSCG23-16-C-AFR625. 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.
- (15) Licensee must get consents prior to operate of the following within 50 miles of the test area:
- oAll 700 MHz licensees (698-756 MHz; 776-788 MHz)
 - oAll Cellular licensees (824-849 MHz/869-894 MHz)
 - oCommercial Air-Ground licensee (849-851 MHz/894-896 MHz)
 - oSMR licensees (806-821 MHz/851-866 MHz)
 - oSMR licensees (896-901 MHz/935-940 MHz)
- (16) Licensee must be "notification" prior to operate of the following within 50 miles of the test area:
- Narrowband PCS licensees (901-902 MHz)
 - Location & Monitoring Service licensees (902-928 MHz)
 - Paging Service licensees in 35 MHz, 43 MHz, 152, MHz, 158 MHz and, 152 MHz/158 MHz and 454 MHz/459 MHz
 - OGeneral Aviation Air-Ground Service in 454 MHz/459 MHz
- (17) Satellite earth station operations in the following band is accepted with the following satellites on a non-protected.
- 148-150.05 MHz (Earth-to-Space) to the ORBCOMM (S2103) NGSO Satellite System which is an AIS signal.
 - 1616-1626.5 MHz (Earth-to-Space) to Iridium (S2105)) NGSO Satellite System is a standard frequency band.
 - 14-14.5 GHz (Earth-to-Space) to the Permitted List - GSO satellites.
- (18) Operation is NOT PERMITTED using the following frequency bands:
- 166.162500 - 166.187500 MHz
 - 169.312500 - 169.337500 MHz
 - 172.162500 - 172.187500 MHz
 - 172.912500 - 172.937500 MHz
- (19) The devices on this application are authorized for experimental purposes only.