

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

EXPERIMENTAL  
(Nature of Service)

WF2XJA  
(Call Sign)

XC MO  
(Class of Station)

0280-EX-ML-2015  
(File Number)

NAME Huntington Ingalls Industries, 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(c) of the Commission's Rules

Station Locations

- (1) MOBILE: Pascagoula, MS: On NSC, within 240 km, centered around NL 30-20-44; WL 88-34-40

Frequency Information

MOBILE: Pascagoula, MS: On NSC, within 240 km, centered around NL 30-20-44; WL 88-34-40

| Frequency    | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|-------------------------------|------------------|---------------------------|
| 387.2625 MHz | MO            | 8K10F1E<br>10K0F2D<br>8K10F1D | 0.2 W (ERP)      | 0.0001 %                  |
| 387.5375 MHz | MO            | 8K10F1E<br>10K0F2D<br>8K10F1D | 0.2 W (ERP)      | 0.0001 %                  |
| 387.6875 MHz | MO            | 8K10F1E<br>10K0F2D            | 0.2 W (ERP)      | 0.0001 %                  |

This authorization effective February 10, 2016 and  
will expire 3:00 A.M. EST March 01, 2017

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| Frequency    | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|-------------------------------|------------------|---------------------------|
| 387.6875 MHz | MO            | 8K10F1D                       | 0.2 W (ERP)      | 0.0001 %                  |
| 387.8375 MHz | MO            | 8K10F1E<br>10K0F2D<br>8K10F1D | 0.2 W (ERP)      | 0.0001 %                  |
| 389.0875 MHz | MO            | 8K10F1E<br>10K0F2D<br>8K10F1D | 0.2 W (ERP)      | 0.0001 %                  |
| 389.2375 MHz | MO            | 8K10F1E<br>10K0F2D<br>8K10F1D | 0.2 W (ERP)      | 0.0001 %                  |
| 397.6 MHz    | MO            | 8K10F1E<br>10K0F2D<br>8K10F1D | 0.2 W (ERP)      | 0.0001 %                  |
| 397.75 MHz   | MO            | 8K10F1E<br>10K0F2D<br>8K10F1D | 0.2 W (ERP)      | 0.0001 %                  |
| 399.15 MHz   | MO            | 8K10F1E<br>10K0F2D<br>8K10F1D | 0.2 W (ERP)      | 0.0001 %                  |

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| Frequency  | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|-------------------------------|------------------|---------------------------|
| 399.3 MHz  | MO            | 8K10F1E<br>10K0F2D<br>8K10F1D | 200 mW (ERP)     | 0.0001 %                  |
| 399.55 MHz | MO            | 8K10F1E<br>10K0F2D<br>8K10F1D | 200 mW (ERP)     | 0.0001 %                  |
| 399.75 MHz | MO            | 8K10F1E<br>10K0F2D<br>8K10F1D | 200 mW (ERP)     | 0.0001 %                  |

## Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by USCG contract no. HSCG23-11-C-2DB043. 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.
- (3) Stop buzzers William F. Johnson, (228) 935-4263 (primary POC), and Arthur (Tom) Spiers, (228) 935-3377 (secondary POC).
- (4) No transmissions east of 87 degrees, 45 minutes West Longitude.