

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

EXPERIMENTAL

(Nature of Service)

XC      FX

(Class of Station)

KA2XZP

(Call Sign)

0075-EX-RR-2008

(File Number)

NAME UnderSea Sensor Systems, 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(b) of the Commission's Rules

Station Locations

(1) Lapel (MADISON), IN - NL 40-04-39; WL 85-51-18

Frequency Information

Lapel (MADISON), IN - NL 40-04-39; WL 85-51-18

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 167.5 MHz | FX            | 375KF8D             | 2.5 W (ERP)      | 0.005 %                   |
| 173.5 MHz | FX            | 375KF8D             | 2.5 W (ERP)      | 0.005 %                   |

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

This authorization effective May 01, 2008 and  
will expire 3:00 A.M. EST May 01, 2010

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (2) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. Navy contract numbers N00163-91-C-0244, N00163-92-C-0016, N00163-93-C-0087, and N62269-92-C-0570. 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.