

Class Code:.....0864
Position#:(NUNC).....
Developed by:.....
Reviewed by:.....SG
Approved by:.....
Date:.....

**UNIVERSITY OF RHODE ISLAND
Position Description**

TITLE: Senior Marine Research Scientist

DIVISION Graduate School of Oceanography

REPORTS TO: PI and or Dean, GSO

GRADE: 18

SUPERVISES:

BASIC FUNCTION:

To investigate the structure and dynamics of marine ecosystems through the development and application of new, innovative high technology acoustical instrumentation that can measure, study and monitor the physical environment and life at several trophic levels in marine ecosystems.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

Responsible for the analysis and interpretation of acoustical data collected during interdisciplinary oceanographic research programs.

Work with other scientists, students and research staff in the analysis and interpretation of data and the preparation of papers resulting from recent and ongoing interdisciplinary research projects.

Provide intellectual leadership at the national and international level in the development and application of innovative acoustical technologies needed to resolve basic and applied problems in aquatic environments.

OTHER DUTIES AND RESPONSIBILITIES:

LICENSES, TOOLS AND EQUIPMENT:

ENVIRONMENTAL CONDITIONS:

The work will be carried out independently and in collaboration with scientists at URI and other national and international institutions.

Senior Marine Research Scientist (NUNC - 0864)

QUALIFICATIONS:

The applicant must be an internationally recognized expert in the design, development and application of advanced acoustic sensors and inversion techniques for quantifying finescale biological structure and processes in the ocean. The applicant must have a PhD in applied physics and at least 25 years experience in maintaining an active program of sponsored research in ambient noise, small scale ocean physics, acoustical volume and bottom scattering in aquatic environments, and in the development and application of new technology to measurements of oceanic, estuarine and limnological phenomena. The applicant must have excellent communications skills and extensive experience in conducting interdisciplinary oceanographic research.

ALL REQUIREMENTS ARE SUBJECT TO POSSIBLE MODIFICATION TO REASONABLY ACCOMMODATE INDIVIDUALS WITH DISABILITIES.