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## Oceanographer Researcher 09

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### GS-1360-09

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#### I. INTRODUCTION

This position is located in

Incumbent is a member of a team providing assistance to higher-level researchers on problems of basic or applied oceanographic phenomena.

#### II. MAJOR DUTIES AND RESPONSIBILITIES

Incumbent serves as member of a research team investigating oceanographic problems, conducting experiments, making observations and analyzing data, recommending solutions, and preparing drafts of scientific papers for publication. Typical duties include:

Maintaining and updating seagoing and shore-based acquisition and processing systems to meet various program needs for high-quality hydrographic data. This entails responsibility for the seagoing equipment, acquisition procedures, field checks of the sensors, and final processing of the data.

Submits final calibrated data sets to national data centers, maintains on-line data base of all final data, and fulfills data requests from outside users. Prepares graphs, diagrams, and tables from analyzed data or model results.

Coordinates calibration of instruments and schedules maintenance of all seagoing equipment, including state-of-the-art equipment, as well as computer systems and other shore-based equipment.

Provides research and development support for oceanography-related components of major agency projects.

Assists in the preparation of technical reports presenting results, conclusions, and recommendations that are authoritative on oceanography within the agency.

#### III. FACTOR LEVELS

##### FACTOR 1 - Research Situation/Assignment

Research studies may be complex but have clear and specified objectives. Plans project details on the basis of precedents established in related projects, and devise and recommend alternative methods of standardized analysis as a basis for solving moderately difficult problems. Incumbent has a greater responsibility for fact-finding than fact interpretation.

##### FACTOR 2 - Supervision Received

General instruction and objectives regarding the design, execution and evaluation of the research is provided by the principal researcher. The nature of the results to be expected are described by the supervisor. Supervisor is available to discuss potential sources of difficulty. Supervisor reviews work plans and provides advice during progress of work. Completed reports are reviewed from the standpoint of adequacy, completeness, and validity of conclusions reached.

**FACTOR 3 - Guidelines and Originality**

Precedents are generally available in the form of previous studies on related subjects, standard methods in textbooks, handbooks, or other literature. Most assignments require incumbent to apply judgment in selecting which guides apply and the assignment may require some adaptation and modification of existing guidelines.

**FACTOR 4 - Qualifications and Contributions**

This position requires knowledge of theories, standard methods and techniques of professional oceanography, comparable to that which would be attained through a masters degree program. Incumbent has conducted portions of larger projects with other researchers, including participating in all phases of research.

This position is exempt from coverage under the Fair Labor Standards Act.

**IV. UNIQUE POSITION REQUIREMENTS**

(Last Updated: November 4, 1994)

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