



MANAGEMENT SYSTEM MANUAL

KNR-7.5.2 KNORR DESIGNATED RESPONSIBILITIES OF ENGINEER'S

Originator:	Approved By:
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1. Purpose

The purpose of this procedure is to establish the guideline to follow to set forth the responsibilities for the engineers on each of the ships managed by Woods Hole Oceanographic. This designation of responsibilities is set forth in order to systematically allocate the preventative maintenance of the various engineering systems and components on the vessel. This systematic allocation is intended to assist crewmembers to understand their assigned responsibilities, insure that the various systems on the vessel are assigned to someone for preventative maintenance and to aid in the education of new (to the vessel) personnel as to their responsibilities.

The Chief Engineer still has the authority to direct the engineering personnel to perform any repairs or maintenance as deemed necessary. These assignments may even be to those outside of an individual's area of maintenance responsibility.

It is essential that the members of the engineering department remember that it is the responsibility of every member to take immediate and definitive steps to remedy a piece of equipment found in a failing condition to limit the extent of failure. This is regardless of areas of the responsibilities set forth herein.

2. Responsibility

It is the responsibility of the Chief Engineer to designate each system of the vessel to a position in the engineering department. This designation should happen by position and not by name. Individuals go on vacation and move up and down in positions. Designation by position will establish stability in the preventative maintenance program.

It is recognized that each vessel is different; therefore, a listing of the engineering responsibilities for each vessel is to be maintained in the appropriate section for each individual vessel. The regular Chief Engineer will generate the assignments of engineering responsibilities and have it adopted into the safety management system. As the need may dictate, the Chief Engineer may revise that list of assignments by sending a revised list in to the Safety Management Representative for incorporation into the Management Safety System.

The individual assigned to perform the preventative maintenance shall refer to vendor's technical manuals, the Maintenance Module of the fleet management system and other reference materials located on the vessel. Maintenance shall be recorded in the fleet management system.



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KNORR

Air Conditioning and Refrigeration	1st Engineer
Bow Thruster	1st Engineer
Deck Machinery	1st Engineer
Intering Stabilization System	1st Engineer/Electrician
Main Diesel Electric Generating Sets	1st Engineer/Electrician
Propulsion Units (LIPS)	1st Engineer
Pumps and Motors	1st Engineer/Electrician
Diesel Oil Purifiers	2nd Engineer
Electric Water Heaters (3)	2nd Engineer/Electrician
Ice Cube Machine	2nd Engineer
Oil Fired Water Heater	2nd Engineer
Oil Water Separator	2nd Engineer
Ozone	2nd Engineer
Watermakers	2nd Engineer
Air Compressors	3rd Engineer
Emergency Diesel	3rd Engineer
Laundry and Galley Equipment	3rd Engineer/Electrician
Machine Shop Equipment	3rd Engineer
Marine Sanitary Device	3rd Engineer
Reach Rods	3rd Engineer
Refrigifilters	3rd Engineer
Small Boat Engines	3rd Engineer
Vent Fans, Unit Heaters and Coolers	3rd Engineer/Electrician
Watertight Doors	3rd Engineer
Zincs	3rd Engineer
Motor Generator Sets	Electrician
Propulsion Motors	Electrician
Propulsion Power Conversion Equipment	Electrician