



MANAGEMENT SYSTEM MANUAL

OCN 7.5.2 R/V Oceanus Responsibilities of Engineers

Originator:	Approved By:
Richard F. Morris	Joe Coburn

1. Purpose

The purpose of this procedure is to establish the guidelines set forth for the engineers on the R/V Oceanus. This designation of responsibilities is set forth in order to systematically allocate the preventative maintenance of the various engineering systems aboard the ship. This systematic allocation is intended to assist crewmembers in understanding 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 personnel as to their responsibilities.

The Chief Engineer 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 to failure. This is regardless of areas of the responsibilities set forth herein.

2. Responsibility

It is the responsibility of the Chief Engineer to assign 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 establishes stability in the preventative maintenance program.

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 Safety Management 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.

3. General



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The following is a list of all engineering systems/components/consumables aboard the R/V Oceanus categorized by engineering position responsible for general maintenance:

R/V Oceanus

Chief Engineer

Systems	Components	Consumables
Main Engine	Throttles	Fuses – Electrical
Generators	HVAC-Refrigeration S/W Piping	Tools
CP Unit	Lube Oil Piping	Chemicals
Clutches	J/W Piping	Oils
Bow Thruster	S/W Piping	
Reduction Gears	Hydraulic Piping	
Steering Gear	Pumps	
HVAC	Emergency Shutoffs	
Refrigeration	Heat Exchanger	
Evaporator		
CO2 System		
Alarms		
Switchboard/Electrical		

Senior Junior Engineer

Systems	Components	Consumables
Emergency Generator	Bilge Piping	SS Hardware
Fuel Transfer Pump	Fuel Piping and Vents	Plumbing Fixtures
Fuel Centrifuge	Grey Water Piping	Light Bulbs-Ballasts
Bilge/Ballast	Hot Water Piping	Valves
OWS	Compressed Air Piping	Greases
Sewage Pump	Heads>Showers	Paint
Rescue Boat	Strainers	Rags
A-Frame/Hydro Boom		Tape
Ship's Whistle		Lubricants
Transducer Air Lock		



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2nd Junior Engineer

Systems	Components	Consumables
Crane	Sewage Piping	Pipe Fittings
Air Compressors	Sanitary S/W Piping	Filters (include. Warehouse)
Air Handlers	Potable Water Piping	Copper Tubing/Fittings
Potable Water Pumps	Chill Water Piping	Garden Hose Fittings
General Service/Sanitary	Fire Main Piping	Gasket Material
Fire Main	Deck Drains/Vents	Emory Cloth
Boilers		Epoxies
Uncontaminated Salt Water		Filter Media
Galley Equipment/Laundry		
Anchor Windlass/Capstan		
Bridge Wipers/Clear Views		
Heaters		