



MANAGEMENT SYSTEM MANUAL

ATL 7.5.2 R/V ATLANTIS DESIGNATED RESPONSIBILITIES OF ENGINEERS

Originator:	Approved By:
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1. Purpose

The purpose of this procedure is to establish responsibilities for the engineers aboard each of the ships operated by WHOI. This designation of responsibilities is set forth in order to systematically allocate the preventative maintenance of the various engineering systems on the vessel. This systematic allocation is intended to assist crewmembers in understanding their assigned responsibilities, ensure 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 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 include additional responsibilities outside of an individual's area.

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 regardless of responsible areas 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 assignment should happen by position and not by name as individuals go on vacation and move up and down in positions. Assignment 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 their respective sections within this manual. The regular Chief Engineer will generate the assignments of engineering responsibilities that will be adopted into the safety management system. As the needs dictate, the Chief Engineer shall revise the 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 NS5 and other reference materials located on the vessel. Maintenance shall be recorded in NS5.



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ATLANTIS

Air Conditioning and Refrigeration Systems	1st Engineer
Bow Thruster	1st Engineer
Diesel Engines and Generator Sets	1st Engineer
Machinery Control	1st Engineer
Motor-Generator	1st Engineer
Propulsion Motor Drives (SCR)	1st Engineer
Propulsion Motors	1st Engineer
Propulsion Units	1st Engineer
Battery Lift/ Alvin Sled	2nd Engineer
Deck Machinery	2nd Engineer
Fuel Oil Purifiers	2nd Engineer
Incinerator	2nd Engineer
Oily Water Separator	2nd Engineer
Pumps and Motors	2nd Engineer
Uninterrupted Power Supply (UPS)	2nd Engineer
Traction Winch	2nd Engineer
Vents Fans, Unit Heaters and Coolers	2nd Engineer
Water Makers	2nd Engineer
A-Frame	3rd Engineer
Air Compressors	3rd Engineer
Emergency Generator	3rd Engineer
Galley Equipment	3rd Engineer
Laundry Equipment	3rd Engineer
Machine Shop Equipment	3rd Engineer
Rescue Boat	3rd Engineer
Sewage System	3rd Engineer
Valve Reach Rods	3rd Engineer
Watertight Doors	3rd Engineer