



MANAGEMENT SYSTEM MANUAL

OCN 7.5.1 R/V Oceanus Chief Engineer Standing Orders

Originator:

Richard F. Morris

Approved By:

Joe Coburn

1. Purpose

It is recognized that each Chief Engineer that is assigned to a vessel operated by Woods Hole Oceanographic is different. Levels of concerns differ with personalities and experience.

The purpose of this procedure is to set forth that the Chief Engineer assigned to the RV Oceanus has set forth the following standing orders.

2. Responsibility

It is the responsibility of the Chief Engineer of the R/V Oceanus to establish standing orders. It is then his/her responsibility to ensure that engineering watch officers are aware of those orders.

3. General

All engineers are required to be well rested, sober and alert while standing watches both underway and in port.

The engineer on duty is expected to be dressed appropriately with work shoes, work pants and a work shirt. The engineer is also expected to carry a flashlight at all times while on watch.

Rounds are to be done throughout the engineering spaces and around the ship checking all pressures, temperatures and machinery fluid levels. A thorough round of all engineering spaces is also expected to check bilge levels, tank levels, and to assure that all gear is secure. Hourly rounds should be sufficient as long as all machinery/equipment is in proper working order. More frequent rounds are expected during rough weather or when monitoring possible problems. Note any unusual conditions that may arise during your watch and pass them along to the next watchstanders.

In the event of a loss of a piece of vital machinery, know the appropriate action to take to get the machinery back on line or a back-up unit running. If you do not know or are not sure, ask questions and find out how.

Vital Equipment :

Main Engine/Clutches

Red. Gears/CP Unit

Steering Gear

Ship Service Generators

Emergency Generator/batteries

Fire pump



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Bilge pump
CO² System

Air compressors

Should problems arise during the watch, assess the problem quickly and calmly. Alert the Mate on watch should you need to slow the ship down and/or secure the main engine. The Chief Engineer is available to assist if needed and vice-versa.

Watches are stood alone on the Oceanus so do not take any unnecessary risks around the machinery. You are expected to check in with the bridge/mate on watch regularly to let them know that you are safe.

All watchstanders are expected to have knowledge of all other non-vital systems on board, as you will be responsible for their safe operation while on watch.

The Chief Engineer only shall authorize discharging of any liquids overboard while in port or at sea. Consult the Chief Engineer before any of these operations.

Standing watch orders are left in the engine room log desk each day with items to attend to during your watch. All watchstanders shall read these standing orders and initial next to your name once you have read and understand the assignments. If you do not understand, you are expected to ask questions.

4. Reporting

The Chief Engineer shall maintain a set of standing orders. These standing orders shall be provided to the Ship Operation Group. Any time standing orders are changed or new ones promulgated, a copy of these orders shall be provided to the Ship Operations Group.