



MANAGEMENT SYSTEM MANUAL

ATL 7.5.11 R/V Atlantis Deck Equipment Responsibilities

Originator:

Theophilus Moniz III

Approved By:

J.L. Coburn Jr.

1. Purpose

The purpose of this procedure is to establish department responsibility concerning maintenance of deck machinery aboard R/V Atlantis.

2. Responsibility

The Master is responsible for establishing department responsibility for deck machinery aboard Atlantis. The Chief Mate is responsible for ensuring all machinery assigned to his department is properly maintained. The Chief Engineer is responsible for ensuring all machinery assigned to his department is properly maintained.

3. General

A. Aboard Atlantis, maintenance of the following equipment shall be maintained by each department as indicated below:

1. A-Frame:

- a. Preventative Maintenance greasing and oil/filter changes – Engineering Department (3rd A/E & Oiler)
- b. Main winch brake bands and proper nitrogen charge of the accumulator. - Engineering Department. (3rd A/E and Oiler)
- c. All A-frame paperwork (IRs & FRs). Engineering Department. (CE)
- d. Rust removal and painting – Deck Department (Chief Mate)

2. Alvin Sled & HPU:

- a. HPU pump/motor & oil/filter changes. – Engineering Department. (2A/E)

3. Anchor Windlass:

- a. Oil/filter changes, hydraulic hose change and/or repair, meggering the motor, etc. – Engineering Department (2A/E)
- b. Scheduled greasing & rust prevention. – Deck Department (Chief Mate)

4. Capstan:

- a. Preventative maintenance – Engineering Department. (2A/E)



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- b. Scheduled greasing & rust prevention. – Deck Department (Chief Mate)
5. Hydroboom:
 - a. Preventative maintenance – Engineering Department. (2A/E)
 - b. Scheduled greasing & rust prevention. – Deck Department. (Chief Mate)
 6. Hydro Winches:
 - a. Preventative maintenance – Engineering Department. (2A/E)
 - b. Scheduled greasing & rust prevention. – Deck Department. (Chief Mate)
 7. Knuckleboom Cranes:
 - a. Oil leaks, hose & piping replacement, HPU motor/pump, etc. – Engineering Department (2A/E)
 - b. General preventative maintenance – Engineering Department. (Chief Engineer)
 - c. Scheduled greasing & rust prevention. – Deck Department. (Chief Mate)
 8. Heavy Lift Cranes:
 - a. Hose & piping replacement, oil/filter changes, motor/pump maintenance. - Engineering Department. (2A/E)
 - b. Scheduled greasing & rust prevention. – Deck Department (Chief Mate)
 9. Rescue Boat:
 - a. Outboard motor and electrical system, oil changes for the davit. – Engineering Department. (3A/E)
 - b. Boat maintenance including maintenance of all equipment required to be onboard. – Deck Department (3rd Mate)
 - c. Scheduled greasing & rust prevention including maintenance to the wire rope falls and release mechanism. – Deck Department. (Chief Mate)
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10. Avon Workboats:

- a. Outboards and steering/throttle controls including upkeep of the batteries and electrical system. – Engineering Department (3 A/E)
- b. Inflatable pontoon/hull. – Deck Department (Chief Mate)

11. Traction Winch:

- a. HPU & winch oil/filter changes, hoses and piping, motor & pump maintenance. - Engineering Department. (1A/E)
- b. Preventative maintenance of the winch drums, level winds, etc. – Engineering Department. (Chief Engineer)
- c. Blocks/sheaves (greasing, etc.) on the port hydro boom and the starboard heavy lift crane. – Deck Department. (Chief Mate)

4. **Recording**

Each department head must ensure that all maintenance performed by his/her department is entered in SafeNet.