



ATL 7.5.3 R/V ATLANTIS ENGINE ROOM WATCHSTANDING

Originator:

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Approved By:

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UNATTENDED CHECK LIST TO BE COMPLETED AT THE END OF EACH WORK DAY WHILE VESSEL IS IN PERIODIC UNATTENDED MODE

The following list will serve as a guide for reviewing the operational status of the automatic control and monitoring systems prior to leaving the Machinery Control Station Console (MCSC) unattended. This review must be completed prior to leaving the MCSC unattended to insure the control systems status and alarm failure monitoring capabilities are operational. The duty engineer will make notation in the official engine room log after completing the following:

1. Check the following console controls:

- Lamp Test
- Alarm Test
- Pager Function
- Acknowledgement Button

Verify proper visual and audible indications are present.

2. Check the MCSC alarm displays for any unexplained vital systems alarms and verify that no alarms have been inhibited. Verify the sensor indications are within the operating parameters.

a) Verify that the Generator/Engine and switchboard controls have been set for automatic starting control.

- Verify that the **SHIP SERVICE DEAD BUS GENERATOR SELECTION SWITCH**, and the **PROP BUS DEAD BUS GENERATOR SELECTION SWITCH** are assigned to the *designated* **STANDBY GENERATOR/ ENGINE**.
- Verify that the bus voltage, current and frequency meters indicate within the normal operating range.
- Verify normal engine Starting Air Pressure is available at full pressure with one compressor in **AUTO** and one in **STANDBY**.

b) PORT & STBD Propulsion Control system status and Alarms

- Verify that the cooling pumps have been selected for **RUN** and **STANDBY**
- PORT & STBD Steering Control System status & alarms
- Bilge status & alarms
- Watertight doors status

3. Verify that the Fire Detection System is clear of alarms and that the fire pump controller is powered.

4. Verify that the Emergency Generator start control has been set for automatic.

5. Verify the selector switch for Duty Engineer is set to the proper Duty Engineer.

6. Verify there is sufficient fuel before leaving the console unattended.

7. Just prior to departing the MCSC, after 1630 or the completion of the workday, the Duty Engineer is to notify the PHCS that the MCSC is unmanned. Notify PHCS following workday when space is manned.