

Version 2025 May 30	Updated MRL Approved RAK	
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SMM 7.2.2.1 Pre Departure Engineering Checklist

33CFR164.25

Port: _____ Date & Time: _____

Watch Officer: _____

- ☐ **EDG Control:** Confirm Emergency Diesel Generator control in Auto start position
- ☐ **Diesel Generator Configuration:** Normal DG configuration for maneuvering is as follows: DG #2, DG #3, and one C32 DG online in Semi Auto. DG #2 and DG #3 are priorities #1 and #2. The online C23 shall be pri. #3 and the offline C32, pri. #4.
- ☐ **Bridge Communications:** Test ship's phone, Sound Powered phone, & hand held radio
- ☐ **Stern Drive Rotation:** Rotate all 3 drives 360°, clockwise, and counterclockwise, shaft RPM will be kept at 0, until drive is trained to thrust ship toward the dock at which time the Mate will 'bump test' each drive.
- ☐ **Drive Angle Indicators:** Confirm drive angle indicators are following order given.
- ☐ **Steering Gear:** Visually inspect the steering gear in the Propulsion room and Bow Thruster room
- ☐ **Gyro Repeater:** Synchronize gyro repeater in the Propulsion room with Bridge
- ☐ **Engine Order Telegraph:** Cycle through all EOT bells by answering the Bridge's ordered bell
- ☐ **Synchronize Clocks with Bridge:** Confirm current time and time of completed test.
- ☐ **Logbook Entry:** Log test completed in the official Engine Room Logbook.

Deficiencies
