# Checklist - Before Departure - Engine Room

**Vessel:** [Name of Vessel]  
**Date:** [Date]

A tick indicates the check has been performed and appropriate action taken.  
N/A indicates the check is not applicable to the vessel or prevailing conditions.

**Has any part of propulsion machinery been dismantled during stay.**  
**Aux Eng - Oil level, pressure and temp. in order**

**If yes the engine must be turned by the turning gear at least 1 revolution after permission obtained by the OOW and the engine must be started two times - ahead and astern.**  
**Fuel oil service tanks - Level sounded and recorded. Temperature in order - Water drained Off.**

**Lub. oil sump main engines. Water free. Oil level in order, sounded and recorded.**  
**Cylinder oil lubricators - Level and temp. in order.**

**Capacity of running Generators sufficient**  
**Whistle - Steam/air open/electric motor ready.**

**Emergency generator ready and on auto start.**  
**Lube. Oil level in reduction gear in order.**

**Retractable Thruster Secured in Housed position.**  
**FW. cooling system. Valves correctly set. All inlet/discharge valves open.**

**Bow/stern thruster(s) ready**  
**SW. cooling system - Valves correctly set. All inlet/discharge valves open.**

**Alarms - All connected and tested and in order.**  
**Turning gear disconnected and secured.**

**Lub. oil system main engines - Valves correctly set**  
**Level engine - pit/ tunnel - well acceptable. Bilge alarms tested - in order.**

**Lub. oil system/pumps main engines - Pressure and temperature in order.**  
**Engine room hoist, tools and heavy spare parts stowed and secured.**

**Stern tube and seal - Lub. oil arrangement in order and ready for start.**  
**Double bottom access openings secured in closed position.**

**Cooling water systems/pumps - Pressure and temperature in order.**  
**Telephone to Bridge - Tested in order**

**Main engine - preheated. and temp in order.**  
**Engine room telegraph and emergency telegraph Tested from Bridge / Engine, and in order.**

**Fuel oil system. Viscosity in order/Valves correctly set.**  
**Pitch propeller moved full ahead/astern before cluthing in tail shaft.**

**Fuel oil booster priming pumps/fuel valve cooling pump if appropriate - Pressure and temperature in order.**  
**Steering Gear - Tested in conjunction with OOW.**

**Fuel oil system main engine - Air bleed completed if appropriate**  
**Starting air - Admission to main engine in order**

**Boiler plant - Level and pressure in order - Safety devices connected.**  
**Engine staff - Required number on duty**

**Starting air compressors, auto start/stop in order.**  
**Auxiliary blowers running**

**FW Expansion tank., Water level in order.**  
**Engines turned with starting air and open indicator. cocks.**

**Starting air and control air - Pressure in order - Water drained Off.**  
**Stand-by reported to Bridge for testing main engine.**

**Starting air compressors - Ready for Service**  
**Testing of engines to be carried out according to agreement with Master.**

**Pressure in starting air vessels in order**  
**If this is not possible first manoeuvre is considered as test during which final control is to be carried out.**

**Indicator cocks main engine - In order.**  
**Definitive stand-by for departure reported to Master by Chief Engineer.**

**Lub. oil system turbo chargers - Expansion tank level in order.**  
**Manoeuvring.. Agreed with Master to be carried out from Bridge**

**Piston cooling main engines - Outlets in order**  
**Manoeuvring.. Agreed with Master to be carried out from Engine**

Upon completion of check, entry must be made in vessel's Engine Log book as follows:- "BEFORE DEPARTURE CHECKLIST COMPLETED". Date:............. Time:........

**Port / Installation:** [Name of Port/Installation]  
**Date:** [Date]  
**Time:** [Time]

**Completed by:-**  
**Name (Engineer on Duty)**  
**Signature (Engineer on Duty)**

**Reviewed by:**  
**Name (Chief Engineer)**  
**Signature (Chief Engineer)**

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