

9.1 Operate Main Machinery Boat Crew

Health & Safety

- Identify the station H&S folder and briefly explain what it contains
 - Matrix risk assessments
 - Launch & Recovery, Refuelling
 - Individual Risk Assessments
 - Lone working, Visitors
 - H&S related records
 - Fire alarm tests etc

Health & Safety

- Explain risk assessments and COSHH
 - Dynamic risk assessment
 - 'A continuous process of identifying hazards, assessing risks and taking action in order to eliminate or reduce risk to personnel or vessel within operational circumstances'
 - Control Of Substances Hazardous to Health
 - Series of regulations requiring employers to control substances that are hazardous to health
 - Worker's exposure to hazardous substances can be prevented or reduced by:
 - finding out what the health hazards are
 - deciding how to prevent harm to health (risk assessment)
 - providing control measures to reduce harm to health
 - making sure they are used
 - keeping all control measures in good working order
 - providing information, instruction and training for employees and others

Pre-start checks

- Demonstrate the appropriate pre-start checks
 - Charging cable – remove
 - Battery isolators (x2) – on
 - Fluid levels – check and replenished if required
 - Fuel supply connections and configuration
 - Stop buttons
 - Cooling water supply

Starting engines

- Demonstrate the procedure for starting the engines
 - Check area clear and propellers are in the water
 - Ensure engine is in neutral
 - Announce which engine is to be started
 - Press and hold appropriate start button until engine fires (max 5 seconds)
 - Check cooling tell-tale is present

Running checks

- State the running check appropriate to the A85
 - Oil low pressure warning extinguishes
 - Engine settles at a steady idle speed
 - No abnormal mechanical noise or vibration
- Explain the importance of recognising changes in engine performance
 - Loss of power
 - Reduced engine revolutions