**FAMILIARIZATION WITH ENGINE ROOM EQUIPMENT**

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| Vessel: |  |  |  |  |

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| This is to verify that Engineer Officer / Crew Member: |  |
| is familiar with the engine room items listed below: | |

**Part I - For the Engineer Officer is to be completed within one week after embarked vessel.**

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| Familiarization with Engine Room Items | | | | | | Tick () |
| Part I - Engineer Officer only: | | | | | |  |
| 1. | Fire and Gas detection/control: alarms, indicator panel, fire pumps start-stop, location of sensors. | | | | |  |
| 2. | Fixed Fire Fighting Equipment: Engine Room Fire Main, CO2, Engine Room Water Fog, Engine Room Water Mist and Engine Room Hot (High Expansion) Foam (As fitted). | | | | |  |
| 3. | Bilge control: location and operation of main and emergency pumps and valves. | | | | |  |
| 4. | Internal communications: telephones (normal and emergency) and UHF. Identify blind spots. | | | | |  |
| 5. | Steering gear: operation, testing, and emergency operation. | | | | |  |
| 6. | Generators: operation, load share, and switchboard / emergency, blackout recovery procedures. | | | | |  |
| 7. | Steam plant: operation and precautions. Start–stop / safety devices. Soot blowing  Exhaust Gas Economizers: Soot blowing and emergency operation. | | | | |  |
| 8. | Boiler water treatment and monitoring system | | | | |  |
| 9. | Engine room tanks remote closing arrangement. Sounding arrangements. | | | | |  |
| 10. | Fuel and lube oil handling: operation and precautions. Tanks and connections. | | | | |  |
| 11. | Main engine control (bridge, ECR, local, critical RPM) and changeover, safety devices/functions. | | | | |  |
| 12. | Engine room alarms, automation and Duty Engineer indicator. UMS operational requirements. Testing arrangements. | | | | |  |
| 13. | All workshop equipment, both fixed and portable. | | | | |  |
| 14. | Oily Water Separator and 15 ppm monitor operation fully known. | | | | |  |
| 15. | Stern Tube arrangement. | | | | |  |
| 16. | Environment protection equipment. | | | | |  |
| 17. | Auxiliary Equipment | | | | |  |
| 18. | Chief Engineer Standing Instruction. | | | | |  |
| 19. | Inert gas plant. | | | | |  |
| 20. | Cargo heating: operation and precautions. | | | | |  |
| 21. | Fuel changeover procedure and recording | | | | |  |
| 22. | Ballast Water Treatment Plan (If fitted). | | | | |  |
| 23. | NOx SCR System (If fitted). | | | | |  |
| 24. | SOx Scrubber System (If fitted). | | | | |  |
| 25. | Rigging of Portable Ladders and Scaffolding | | | | |  |
| 26. | Use of Lock out & tag out gear (provided as a standard supply on all TCC fleet vessels) | | | | |  |
| Date and Time: | |  |  | | | |
| Engineer Officer : | |  |  | | | |
| Verified by: | |  |  | Chief Engineer: |  | |
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**Part II - To be completed immediately after joining vessel.**

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| Part II - Engineer Officer / Engine Rating: | | Tick () |
| 1. | Engine Room standing orders. Engine Order Book. |  |
| 2. | Emergency escape routes. |  |
| 3. | Firefighting equipment, lifejackets, and first aid set. |  |
| 4. | Emergency breathing escape sets (and position of ELSA / EEBD sets). |  |
| 5. | General alarm, Engineer’s alarm, gas alarm, telegraphs: positions. |  |
| 6. | Job Description and Duty Plan: read and understood. |  |
| 7. | Deadman Alarm |  |
| 8. | Familiarization with the correct and safe operation of the incinerator. |  |

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| Date and Time: |  |  | | |
| Engineer/Crew member: |  |  | | |
| Verified by: |  |  | Chief Engineer: |  |