**Guidance Note No: 102/2003 Revision No: 2**

**Applicable only for persons who have applied before 30/6/2013 under NT legislation**

# Basic engineering duties for the general purpose hand

**Applicable to vessels with safety manning that has the following notation:**

Note: If the Master holds a valid Marine Engine Driver (Motor) Certificate, a General Purpose Hand may be carried in place of the Engine Driver provided they hold an Elements of Shipboard Safety Certificate and is trained to carry out basic engineering duties as shown on guidance note No. 102/2003.

Basic engineering duties that the General Purpose Hand must be trained to carry out include, but are not limited to, the following:

| **Engineering duties** | **Inboard** | **Outboard** |
| --- | --- | --- |
| 1. Check lubricating oil levels in main engine and gear box before start-up. | Yes | Yes |
| 1. Check coolant levels before start-up. | Yes |  |
| 1. Check fuel levels and that fuel supply is open before start-up. | Yes | Yes |
| 1. Check that raw water valves are open before start-up. | Yes |  |
| 1. Check raw water discharge after start-up. | Yes | Yes |
| 1. Check steering system. | Yes | Yes |
| 1. Check outboard motor tilt. |  | Yes |
| 1. Test bilge alarm. | Yes |  |
| 1. Operate bilge pump to pump from any compartment. | Yes | Yes |
| 1. Operate auxiliary bilge pump and pump from any compartment. | Yes | Yes |
| 1. Operate fire pump (if fitted) and connect hose to fight fire in any compartment. | Yes |  |
| 1. Operate emergency fire pump and connect hose to fight fire in any compartment. | Yes |  |
| 1. Operate engine room vent closures. | Yes |  |
| 1. Operate engine fan remote stop (if fitted). | Yes |  |
| 1. Operate battery shut-offs (if fitted) and check electrolyte levels and terminals | Yes | Yes |
| 1. Operate remote fuel shut-offs. | Yes | Yes |
| 1. Operate fixed fire extinguishing system (if fitted). | Yes |  |
| 1. Shut down main engines in an emergency. | Yes | Yes |
| 1. Actions in the event of an engine/ engine room fire. | Yes | Yes |

Depending upon the configuration of the vessel, the General Purpose Hand may be required to receive specific training in other areas.

Signed by: Sri Srinivas  
Date Issued: 18 August 2011

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