



VOLUNTEER MARINE RESCUE WHITSUNDA

Module :Engine Bay Fire
Type: SOP
Version: 2
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STANDARD OPERATING PROCEDURES (SOP) ENGINE BAY FIRE

1. Introduction

This SOP describes the procedures in case of Engine Bay fire on board VMR1. It is the responsibility of every crew member to follow this procedure.

2. Reference

VMR Training – Risk Assessment. 23 July 2017.

3. Detailed Procedures - Engine bay fire

If a fire should start in the engine bay then an alarm should sound in the front of the main cabin and the automatic fire suppression unit should activate. On hearing the alarm the crew must shout "FIRE FIRE FIRE" and the skipper should immediately shut down that engine.

4. Crew must shut off the fuel valve to the relevant engine, and close the two fire flaps in the marked lockers in the cockpit above the affected engine compartment as these vents will prevent oxygen entering and the fire suppression gases escaping from the engine compartment.
5. Crew should also verify that the fire suppression system has been activated, and activate manually if required.
6. With the skipper's approval, crew must also turn off the engine isolator switch located in the aft fire flap locker.
7. The skipper must broadcast a PAN PAN or MAYDAY on VHF16 with location and details of the emergency.
8. If smoke or fire comes from an engine compartment without the automatic alarm being triggered, then the crew can manually enable the fire suppression system upon approval of the skipper. DO NOT OPEN THE ENGINE BAY HATCH TO INVESTIGATE.
9. Crew must get fire extinguishers ready and set up the 240 volt emergency fire Pump, and start the genset in preparation for its use before the skipper makes the decision to open the engine bay, the procedure to drive the vessel with one engine will then be followed. THE ENGINE BAY MUST NOT BE OPENED WITHOUT SPECIFIC APPROVAL OF THE SKIPPER OR FIRE SERVICES PERSONNEL.

10. Controls

There are procedures for dealing with fires on board and that is why it is mandatory that we have fire drills regularly.

Train all crew in system use and operation.

Regular checks of the fire suppression units, extinguishers and pumps.

Report any fuel or oil leaks.

No rags in engine bay.

Crew to attend fire training DRILLS.

11. Summary

If we all follow these guidelines we will be less likely to have problems/injuries and prevent fires on board VMR1.

AUTHORISED BY: _____

President

Senior Skipper

