



Volunteer Marine Rescue Brisbane Inc

Providing a Safer Marine Environment for Our Community

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Refuelling of Sandgate 1

1.0 Introduction

This document provides guidelines for the refuelling of our main rescue vessel Sandgate 1.

2.0 References

SOP VES005 Refuelling (general)

3.0 Detailed Information

Sandgate 1 has, on both the Port and Starboard side decks, two 50mm fuel filler inlets. Both filler inlets extend into the tank the idea being that fuel can be “dumped” into the tank quickly with both inlet caps off. You can fill through either filler. A vent is also provided to allow the tank to breathe when the filler inlets are closed.

NOTE: The Port and Starboard tanks are not interconnected, each tank is supplying its respective motor. When refuelling, it is necessary to fill both the Port and Starboard tanks.

3.1 Method

- a) Ensure that all sources of ignition in close proximity to the vessel are extinguished (this includes motors, mobile phones, radios, etc.)
- b) For each tank, unscrew the two 50mm filler inlet caps (the two are side by side on each side deck and are marked fuel).
- c) Insert the dipstick into each tank to determine approximately how many litres will be required (each tank when full holds approximately 285 litres).
- d) Insert the fuel pump nozzle into either of the fuel tank filler tubes and commence to fill.
- e) When sufficient fuel has been inserted into a tank the fuel will either:
 - rise up one or both the filler tubes
 - run out of the vent on the outside of the vessel
 - or both may occur.
- f) Pay particular attention to the process when each tank is approaching full capacity as it is an offence, under current Environmental Protection Laws, to allow fuel to spill into the water.
- g) On completion, screw all four filler caps down to seal and wipe away any minor fuel spills.
- h) Record the total litreage where indicated on the “Operating Record” sheet along with the Port and Starboard engine hours.
- i) Record also the litreage into the fuel booklet located on the wall rail above the bulk fuel tank pump.

4.0 Summary

By adopting the above guidelines, refuelling can be conducted safely and without incident.