### Purpose

To safely carry out regular engine room checks while at sea. The engine room should be checked every hour or two at a minimum. Lubricating prop shaft bearings and checking for oil leaks and worn belts can prevent breakdowns at sea which may be hazardous if sea conditions become unfavourable.

### Responsibilities

* Master – Ensure this procedure is carried out as written and to make any changes needed to this procedure to ensure the safety of the crew. To monitor the wellbeing of crew members who enter the engine room via checks or video feed.
* Crew – Follow the procedure below at the direction of the vessel master.

### Procedure

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| **Step** | **Engine Room Check Procedure** |
| **1.** | Before entering the engine room, ensure the skipper is aware of your plans. |
| **2.** | Upon entering the engine room, don a pair of ear muffs to protect yourself from potentially damaging noise levels. Take a second to smell the air for potential unexpected fumes before entering. |
| **3.** | Check on a regular basis engine oil and coolant levels, bilges, and alarms for bilges, engine, and engine room. |
| **4.** | Inspect and lubricate prop shaft bearings while maintaining a safe distance. Ensure you aren’t wearing loose clothing that may become caught in rotating components. |
| **5.** | Check belts for wear, and look for oil leaks around fittings and gaskets. Do not touch the engine without gloves as the surface may be excessively hot. |
| **6.** | Ensure that the engine area is free from flammable materials. |
| **7.** | Leave the engine room and let the skipper know you have done so. |