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## CONDITION SURVEY: CHECKLIST

A condition survey requires the surveyor to inspect the vessel, her machinery, her systems and equipment, to establish in as far as practical, her condition, quality and faults. The inspection will be through a general inspection on board and dock trials. An optional sea trial (to be defined with the client) would be recommended.

We also remind our clients that we do suggest a marine engine survey is performed.

Further to this the vessel needs to be prepared for inspection; making it readily accessible for the surveyor's inspection will save time and expense on survey day. The Captain and crew should make sure that the vessel is prepared for the inspection by ensuring that all compartments are unlocked, stores and excess equipment removed and maximum potential access to all areas of the vessel is provided.

The following is a checklist of issues that will require attention prior to the inspection taking place:

- 1) The owner has given written permission for the survey,
- 2) Owner/operator manuals and any yard drawings for the boat, engines, tanks and all other equipment are onboard and they convey with the boat,
- 3) Boat's log and service records are on board,
- 4) Flag/administration registration and class certification is on board,
- 5) All equipment and gear that belongs to the boat is onboard, is installed and is operational,
- 6) All required safety equipment and fire extinguishing equipment is on board and is in working order and in compliance the relative requirements,
- 7) The boat is adequately manned, and insured for the sea trial (optional),
- 8) There is sufficient fuel on board and engine(s) is/are operational.
- 9) Keys or combination for locks and ignition key(s) are available.
- 10) Boat covers on tables, life rafts, external manoeuvring consoles, etc have been removed and awnings are deployed.
- 11) Electrical power sources are available and in working order (shore power, generators, batteries),
- 12) Water tanks are filled and water heaters turned on for system tests,
- 13) Fuel tanks are filled for test run (optional),
- 14) Electronics are fully functional,
- 15) Toilets are ready for use/testing,
- 16) AC chiller unit and fridge compressor units are operational,
- 17) All sea chests, hull penetrations and sea valves are accessible and operational
- 18) Bilges are dry and clean, bilge alarm sensors are accessible and bilge pumps are operational.
- 19) Fire pump is operational and 1 hose is attached.
- 20) Boat interiors are clean,
- 21) Exterior paint work and windows are clean,
- 22) Teak decks are uncovered and clean,
- 23) Handrailing and exterior stainless steel is clean
- 24) Remote controls or wired controls for cranes, pasarells, windlasses are available,
- 25) All areas of the boat to be accessed for the survey are clear of obstructions, equipment and personal belongings. Surveyor will require access to all compartments and storage areas.
- 26) Plating in engine room and other technical spaces is unbolted and readily openable (this will need to be bolted down for sea trials at further stage)
- 27) Access to tanks to be provided. If necessary carpets and floors will need to be lifted.