

This self-survey is provided as a tool to assist the small boatowner in performing a cursory examination of his or her vessel. It not meant to be comprehensive nor is it meant to replace a professional marine survey. Your agent or Broker can help you with your insurance requirements: any boat, anywhere, anytime. Contact us by telephone at (305) 743-7711, by fax at (408) 228-8937 or on the web at www.offshorerisk.com.

ISC-Insurance Services Corporation
Services for Insurers, their clients and Intermediaries

RECREATIONAL MARINE Self-Survey Check-Off Guide

Vessel Information

OWNER'S NAME _____

STREET _____

CITY _____ STATE _____ ZIP _____

VESSEL NAME _____

MANUFACTURER _____ MODEL _____ LENGTH _____

DOC./REG# _____

HULL ID# _____

IN COMMISSION LOCATION:

MARINA _____

CITY _____ STATE _____ ZIP _____

SLIP# _____ MOORING _____ SECURITY PROTECTION _____

LAST HAULOUT ___/___/___ NEXT SCHEDULED HAULOUT ___/___/___

SEASONAL LAYUP:

- NO SEASONAL LAYUP
- LAYUP ASHORE
- LAYUP AFLOAT
- MOORING OR MARINA LOCATION:

NAME _____

CITY _____ STATE _____ ZIP _____

TELEPHONE _____

Personal Flotation Devices

- Adequate number and type for people onboard and area of operation-condition of material and straps sound?
- When underway, PFDs accessible on deck or in cockpit locker?

Fire Extinguishers

- Portable extinguishers checked annually by an authorized servicing facility? Located near all exits, galley area, helm, and outside engine compartment?
- At least one located outside accommodation areas?
- Fixed system proper size, location and serviced and tagged at least annually?
- Nozzles free of any debris, wasp nest, etc?

Safety and First Aid

- Flares of sufficient quantity and with current expiration date?
- Properly sized anchor fitted with length of chain and ample size and length of rode for area of operation? Stowed for easy deployment? Anchor windlass operating properly?
- First aid kit checked and replenished annually or as needed?
- Any weapons kept locked and ammunition kept in dry location?
- Life raft serviced annually before any long distance/offshore cruising?
- EPIRB battery checked annually? Category 1 and 2 EPIRB registration sent?
- Carbon monoxide detector on all gasoline powered boats with inboard engine and accommodation spaces?
- Life ring or horseshoe readily available when underway? Fitted with 60' of 1/4" dark polyethylene line? Water light if frequent night operation?
- Copies of "Float Plan" available and provided to marina?

Navigation

- Equipment adequate for area of operation and operable?
- Horn and navigation lights operable and properly mounted? No obstruction to navigation lights?
- Magnetic compass fluid full? Globe transparent? Deviation checked and recorded?
- Charts appropriate for area of intended navigation? Updated/current version onboard?

Bilge Pumps

- Adequate number, properly located, at least one designed for automatic operation? At least one manual pump?
- Screens clear of all debris? Bilges free of oil, debris, loose items? Antisiphon valves checked and cleaned?
- Fuses properly sized for the pump?

Engine(s) and Generators

- All electrical equipment ignition protected if gasoline engine? Starter motor, alternator, distributor marine type if gasoline powered?
- Engine mounts in good condition, lock-nuts/lock washers in place and nuts tight?
- Engine and generator checked by mechanic annually? Has engine been completely rebuilt: if so, when ___/___/___?
- No fuel or oil leaks? No water leaks?
- Belts tight and protected from personal contact?
- Strainer clean and securing bolts tight? Globes in good condition?
- Spare parts and tools onboard?

Lightning Protection System

- Copper plate at least one foot square secured to hull and not painted? Directly below mast or radio antennae? #4AWG copper conductors connecting rigging, outriggers, etc. to ground plate? (Carbon fiber masts require special protection.)
- No sintered bronze plates connected to lightning protection system?

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▲Signature of Person completing this Self-Survey ▲

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Shaft(s), Prop(s) and Controls

- Steering gear free operating? Sheeve mounts secure and sheeves lubricated?
- Hydraulic fluid level full and proper measure?
- Rudder bearings and supports in good condition? Rudder inspected for signs of damage? Packing gland properly tightened.
- Stern tube and hose in good condition-double clamped at each end?
- Prop(s) and shaft(s) inspected for damage? Cutlass bearing(s) checked for wear? Shaft(s) free turning? Prop nut(s) tight and cotter keyed? No cracking at top of keyway?

Fuel System

- Proper grounding of all components including tank(s) and deck fill(s) to hull ground?
- All fill and vent hoses USCG approved material in good condition? All supply hoses(s) marked USCG Type A1?
- No leaks at any connections? Tank tops clean with no evidence of leaks? Fuel tanks clean and dry?
- Shut-off valves at tank and at engine and easily operated? Valves of proper type for fuel?
- Tank hold-downs good condition? Tank(s) securely fastened and welded attachments sound?
- Filters of type approved for marine use – no glass bowls, plastic automotive type, etc? Racor and Dahl fitted with flame guard on bottom?
- Vapor detector for gasoline engine boats?
- Bilge blower switch at helm location for all gasoline powered boats? Blower and hoses in good condition?

Galley Equipment and Fuels

- Stove mounted away from flammable curtains? Fitted with "sea rails"?
- Refrigerator fitted with safety latch on door? No LPG refrigerator?
- LPG secured in a locker vented overboard with no openings to the hull? Not under the helm console? Shutoff valve at stove and tank? Kept shut off except when in use? Gauge on High pressure side to check for leaks? System checked periodically for leaks?
- CNG cylinder stowed away from galley stove and engine compartment? Nothing stowed with the cylinder? Relief vent piped overboard?
- All hoses in good condition?

Decks, Rigging, Masts, and Sails

- Deck surface non-skid? Good condition? Lifelines and stanchions secure and in good condition?
- All rigging checked periodically for signs of wear – checked professionally if in doubt? Mast tuned annually?
- Boom and gooseneck checked carefully for signs of wear, cracking, loose bolts, etc?
- All turnbuckles secured with taped cotter pins? Swage fittings examined closely for cracks and rust – renew if found? Chain plates and U-bolts checked for cracks and rust – renew if found?
- Mast stepped periodically for inspection of masthead, fittings, spreader connections, etc?
- Sails cleaned and inspected periodically?

Electrical Systems

- All systems by fuses or circuit breakers of proper rating for connected equipment?
- All wiring marine type? No household solid strand wiring or lamp cord? All connections compression or equivalent – no wire nuts or soldered connections?
- All wiring bundled and secured away from the bilges? Wiring supported and protected from chaffing?
- Batteries securely fastened in liquid tight trays? Battery terminals protected from contact with metallic objects? Water level and charge checked? Gel cell battery charger fitted with temperature compensation? Battery charger marine type?
- Battery disconnect switch(es) readily accessible? Off when boat not attended?
- All underwater metal fittings bonded except on wood boats?
- All AC electrical outlets in galley, engine room or exposed deck protected by Ground Fault Circuit Interrupter?
- Adequate zincs on engines, shafts, rudders, and hull? Zinc consumption normal – one year minimum for all but engine?
- No portable electric heaters?

Resources

American Boat & Yacht Council

"Standards and Recommended Practices for Small Craft"
3069 Solomon's Island Road, Edgewater MD 21037
(410) 956-1050

National Fire Protection Association

"Fire Protection Standard for Pleasure and Commercial Motor Craft", One Batterymarch Park, Quincy, MA 02269
(800) 344-3555

United States Coast Guard

Code of Federal Regulation Titles 33 and 46, Superintendent of Documents, P O Box 371954, Pittsburgh, PA 15250-7954

Photographs Suggested

- Port side of hull
- Bilges in the engine room
- Starboard side of hull
- Engine room
- Stern
- Fuel tank (1 only required)
- Hull Identification Number
- PFD Storage areas showing PFDs (Starboard Transom)
- Fuel fill hose (1 only required)
- Electronics
- Battery Storage with covers off
- Main Cabin
- Automatic bilge pump
- Galley
- From a distance showing deck

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