



2014 45' Outremer Marine 45' Performance Catamaran
"SAMPLE TWO"



Membership with the Society of Accredited Marine Surveyors and the American Boat & Yacht Council

Findings & Recommendations

Deficiencies noted under "FIRST PRIORITY/SAFETY AND COMPLIANCE FINDINGS" should be addressed before the vessel is next underway. These findings could represent an endangerment to personnel and/or the vessel's safe operating condition. Findings may also be in violation of U.S.C.G. Regulations, ABYC Voluntary Safety Standards & Recommended Practices or NFPA Codes & Standards.

Deficiencies noted under "SECONDARY PRIORITY/FINDINGS REQUIRING TIMELY ATTENTION" should be corrected in the near future, so as to maintain and adhere to certain codes, regulations, standards or recommended practices (and safety in some cases) and to help the vessel to retain it's value.

Deficiencies noted under "SURVEYOR'S GENERAL FINDINGS AND OBSERVATIONS" are lower priority or cosmetic findings, which should be addressed in keeping with good marine maintenance practices and in some cases as a desired upgrade.

Deficiencies will be listed under the appropriate heading:

- A. FIRST PRIORITY/SAFETY AND COMPLIANCE FINDINGS
- B. SECOND PRIORITY/FINDINGS REQUIRING TIMELY ATTENTION
- C. SURVEYOR'S GENERAL FINDINGS AND OBSERVATIONS

A: SAFETY DEFICIENCIES

FINDING A-1 FIRE EXTINGUISHERS (46 CFR 25)

The hand-held fire extinguishers did not have current annual inspection tags.

RECOMMENDATION

Recertify and provide one additional fire extinguisher to comply with ABYC and NFPA recommended standards for fire protection.

Recommend all extinguishers be A/B/C certified for any fire.

FINDING A-2 CARBON MONOXIDE DETECTORS (ABYC A-24)

The Carbon Monoxide Detector/Alarms were not installed.

RECOMMENDATION

(ABYC A-24.7) A carbon monoxide detection system shall be installed on all boats with enclosed accommodation compartment(s). Carbon monoxide is a toxic, odorless, colorless, tasteless gas produced by the burning of carbon-based fuels. Carbon monoxide in high concentrations can be fatal in a matter of minutes. Unless the symptoms are severe, carbon monoxide poisoning is often misdiagnosed as seasickness; however, lower concentrations must not be ignored because the effects of exposure to carbon monoxide are cumulative and can be just as lethal.

FINDING A-3 GAS TANKAGE SPACE VENTILATION

The LPG tank was not installed in an air-tight compartment and had no ventilation provided at the base of the compartment.

RECOMMENDATION

Investigate further, and refit the tank's storage compartment for adequate ventilation as necessary. (ABYC A-1)

Findings & Recommendations

B: OTHER DEFICIENCIES REQUIRING ATTENTION

FINDING B-1 DAVIT/CRANE

The stern dinghy davits require additional support.

RECOMMENDATION

Provide additional support to dinghy davit bases. Repair to good marine practices.

FINDING B-2 WATER INTRUSION COMMENTS

Small amounts of standing water was observed in both engine space bilges.

RECOMMENDATION

De-water in accordance with good marine practice, as necessary.

FINDING B-3 CABIN HEATING SYSTEM

The Webasto Diesel Heater installation was incomplete.

RECOMMENDATION

Complete installation and prove system operational.

FINDING B-4 ENGINE HOURS

The engine hour meters were not matched closely in elapsed hours.

RECOMMENDATION

Investigate further to determine cause. Replace meters if broken.

FINDING B-5 ENGINE SPACE VENTILATION

Several of the engine ventilation port covers were damaged.

RECOMMENDATION

Replace damaged ventilation port covers.

FINDING B-6 MAIN ENGINE PRIMARY FUEL FILTERS

The Racor Primary fuel filters for the engines did not have an Approved Heat Shield installed under their sight glass bowls.

RECOMMENDATION

Recommend installing the Approved Heat Shields that meet ASTM FS1201 Certification on the Primary fuel filter sight bowls, as necessary.

FINDING B-7 WATER HEATER

A leak was observed at the water heaters external fittings.

RECOMMENDATION

Investigate further, and service, repair or replace as necessary.

Findings & Recommendations

FINDING B-8 LIFE RAFTS

The Life Raft did not have a current inspection tag.

The Life Raft's hydrostatic release did not have a current inspection tag.

RECOMMENDATION

If cruising offshore, have the Life Raft inspected and repacked by authorized personnel.

Have the Life Raft's hydrostatic release inspected by authorized personnel.

FINDING B-9 E.P.I.R.B.

The E.P.I.R.B.'s battery inspection and registration were expired.

RECOMMENDATION

Renew the registration, as necessary.

FINDING B-10 GAS PRESSURE GAUGE

A gas pressure gauge was not installed for the LPG tank.

RECOMMENDATION

Install the proper gauge, as necessary.

FINDING B-11 HEADSAIL

The Code Zero Headsail was left furled on its halyard and has suffered weathering a wear.

RECOMMENDATION

Service, repair and/or replace headsail as necessary.