

ANNUAL SMALL BOAT EVALUATION/SMALL BOAT EXAMINATION

Instructions

Annual Small Boat Evaluation (ASBE) is an inspection conducted by Vessel Operations Coordinator (VOC), Commanding Officer (CO), or designee(s). All boats shall be inspected annually.

- The ASBE checklist has been condensed from the detailed ASBE outline for use in the field. Evaluators shall use the checklists during the inspection, and shall refer to the outline for additional details as needed. Evaluators are responsible for all information contained within the ASBE outline.
- The ASBE outline and checklist are based on NAO 209-125, The NOAA Small Boat Standards and Procedures Manual (SBSPM), 46 CFR, 33 CFR, NFPA 302, MARPOL, ABYC standards and recommendations, United States Coast Guard (USCG) inspection criteria, and standard marine survey practices.

Small Boat Examination (SBEX) is an examination conducted by the Small Boat Program or a certified Marine Surveyor. Class I boats shall be examined every three (3) years and Class II boats shall be examined every two (2) years.

- Some items may not apply to all boats. Evaluators are responsible for determining applicability. Consult the SBSPM for equipment carriage requirements. Installed equipment in excess of requirements must be maintained to inspection standards.
- Completed evaluation checklists, reports, records of findings, and recommendations shall be signed by the evaluator or surveyor; signed and retained by the VOC with a copy forwarded to and signed by the Line Office Small Boat Officer (LOSBO). Completed evaluations shall be submitted to the NOAA Small Boat Program (SBP) Coordinator. Reports shall be generated when numerous or significant deficiencies are noted, and then forwarded to the SBP Inspection Coordinator via the SBP Coordinator.
- Submit reports through the SBP website: <http://www.sbp.noaa.gov/resources/inspection.html>.
- Contact the SBP Inspection Coordinator for additional guidance.

Inspection Type

<input type="checkbox"/> Annual Small Boat Evaluation (ASBE)	<input type="checkbox"/> Small Boat Examination (SBEX)
---	---

Vessel Information

NAME of VESSEL		VESSEL OWNER	
VESSEL PRIMARY OPERATING AREA		VESSEL MISSION / PRIMARY USE	
NOAA HULL REGISTRATION NUMBER	HULL MATERIAL	HULL TYPE	
YEAR VESSEL BUILT	VESSEL MANUFACTURER	VESSEL MODEL	
YEAR ENGINE(S) BUILT _____/_____/_____	ENGINE(S) MAKE	ENGINE(S) MODEL	
TOTAL HORSEPOWER	FUEL TYPE	FUEL CAPACITY _____ Gallons	AC/DC POWER
LENGTH OVERALL (LOA) Feet _____ Inches _____	VESSEL BEAM Feet _____ Inches _____	VESSEL DRAFT Feet _____ Inches _____	VESSEL WEIGHT _____ Pounds

Vessel Evaluation

EVALUATOR NAME	EVALUATION LOCATION	PRIOR EVALUATION DATE	EVALUATION DATE		
Task 1 – Required Documentation		Satis- factory	Unsatis- factory	Not Applicable	Comments
Class A, I, and II					
1.1	Records of previous inspections and examinations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.2	Stability log REQUIRED FOR ALL NOAA VESSELS (Note any newly installed equipment and/or modifications)	<input type="checkbox"/>	<input type="checkbox"/>		

ANNUAL SMALL BOAT EVALUATION/SMALL BOAT EXAMINATION

NAME of VESSEL	EVALUATION LOCATION			EVALUATION DATE
Task 1 – Required Documentation (continued)				
	Satis- factory	Unsatis- factory	Not Applicable	Comments
1.3 Risk assessment <u>REQUIRED FOR ALL NOAA VESSELS</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.4 Operator’s manual <u>REQUIRED FOR ALL NOAA VESSELS</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.5 Records of vessel drills <u>REQUIRED FOR ALL NOAA VESSELS</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.6 Records of crew training <u>REQUIRED FOR ALL NOAA VESSELS</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.7 Records of annual fire extinguisher servicing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Task 2 – Stability				
	Satis- factory	Unsatis- factory	Not Applicable	Comments
Class A, I, and II				
2.1 Vessel operating in compliance with SBSPM Appendix F, “Small Boat Stability Standard”	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Boat with capacity placards operating within labeled capacity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Task 3 – Life Saving and Emergency Equipment				
	Satis- factory	Unsatis- factory	Not Applicable	Comments
Class A, I, and II				
3.1 Personal flotation devices (PFDs) (number, type, condition, spare carbon dioxide cartridges, re-arm kits)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Visual distress signals (number, type, condition, USCG approved)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 First-Aid kits (adequate, all items within expiration date, properly stowed, labeled)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.4 EPIRB/PEPIRB (registration, battery, hydro release, test)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Secondary means of communication as required: Cell/satellite phone (check battery, test, operate)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.6 Emergency sound signal (condition, audible at 0.5 nm)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Class A and I only				
3.7 Emergency oars/paddles (condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Class I and II only				
3.8 Ring buoy/cushion (condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Task 4 – Fire Protection				
	Satis- factory	Unsatis- factory	Not Applicable	Comments
Class A, I, and II				
4.1 Portable fire extinguishers (number, type, expiry, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Class I and II only				
4.2 Fixed system (installed IAW Vessel Inspection Bulletin (VIB) 01-10, service report/expiry, condition, indicators,)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.3 Backfire flame arrestor, drip pan (non-outboard gas engines)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.4 Fire hazards minimized (excess combustibles removed, unnecessary flammables removed and stored ashore)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.5 Integral fuel tank vents (condition, material, containment)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.6 Ventilation (vent ducts, bilge blower, type, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

ANNUAL SMALL BOAT EVALUATION/SMALL BOAT EXAMINATION

NAME of VESSEL	EVALUATION LOCATION			EVALUATION DATE
Task 5 – Ventilation				
	Satis- factory	Unsatis- factory	Not Applicable	Comments
Class II only				
5.1 Adequate in all interior spaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.2 Water tank and other non-fuel tank vents (condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.3 Carbon monoxide detector installed in enclosed personnel spaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Task 6 – Navigation and Electronic Equipment				
	Satis- factory	Unsatis- factory	Not Applicable	Comments
Class A, I, and II				
6.1 Very high frequency (VHF) radio (number, type, DSC, test, battery)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.2 Navigation lights (conform to current USCG Navigation Rules)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.3 Global positioning system (GPS) (test operate, check accuracy)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Class I and II only				
6.4 Chart/chartlet (covers operations area, current and corrected)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.5 Magnetic compass (good working condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Class II only				
6.6 At least one fixed VHF radio has a Maritime Mobile Service Identity (MMSI) registration and integrated GPS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Task 7 – Ground Tackle				
	Satis- factory	Unsatis- factory	Not Applicable	Comments
Class A, I (optional), and II (required)				
7.1 Anchor (anchor and rode condition, sufficient for operations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.2 Bits, chocks, cleats (not broken or corroded)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.3 Releasing/retrieval equipment (condition, operable)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.4 Windlass/winch operational test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.5 Chain locker, hawse pipe, anchor platform (condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Task 8 – Hull, Deck, Fittings and Watertight Integrity				
	Satis- factory	Unsatis- factory	Not Applicable	Comments
Class A, I, and II				
8.1 Scuppers, free ports (unobstructed, performance)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.2 Interior structure (no corrosion, broken welds, or deformation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.3 Deck fittings and equipment (labeled with safe working load (SWL), condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.4 Metal hulls (corrosion, pitting, deformation, fractures)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.5 Rigid-hulled inflatable boats (RHIBs) (collar condition, chamber integrity)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.6 Fiberglass hulls (delamination, blistering, moisture, cracks)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

ANNUAL SMALL BOAT EVALUATION/SMALL BOAT EXAMINATION

NAME of VESSEL	EVALUATION LOCATION			EVALUATION DATE
Task 8 – Hull, Deck, Fittings and Watertight Integrity (cont.)				
	Satis- factory	Unsatis- factory	Not Applicable	Comments
Class I and II only				
8.7 Hinged watertight doors (tight seal, gasket condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.8 Watertight bulkheads (intact, watertight, penetrations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.9 Deck openings and thru-hulls (gasket and dog condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.10 Windows (weather tight, operate freely, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.11 Keel bolts, transducers, grounding plate, stabilizers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Class II only				
8.12 Remote control valves (operable, labeled, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Task 9 – Accommodation Spaces and Equipment				
	Satis- factory	Unsatis- factory	Not Applicable	Comments
Class I and II only				
9.1 Heaters (thermal shut off, installation, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.2 Air Conditioning units (installation, condition, capacity)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Class II only				
9.3 Common and berthing spaces (condition, fire hazards, ventilation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.4 Food <u>service</u> areas (sanitary, locking devices, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Task 10 – Marine Sanitation				
	Satis- factory	Unsatis- factory	Not Applicable	Comments
Class A, I, and II (if installed)				
10.1 Toilet facilities (operable, sanitary)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.2 Manufacturer's nameplate present on device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.3 Instructions and warnings posted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.4 Chemical and sewage level indicators (operable)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.5 Verify loss of power does not allow discharge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.6 Verify vents free and open	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.7 System components (installation, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Task 11 – Outboard Engines				
	Satis- factory	Unsatis- factory	Not Applicable	Comments
Class A, I, and II (if installed)				
11.1 General condition (damage, excessive oil, dirt, corrosion)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.2 Belts and filters (condition, filters replaced annually, dated)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.3 Oil (condition, level, test if needed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.4 Propeller/lower unit (general condition, damage)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

ANNUAL SMALL BOAT EVALUATION/SMALL BOAT EXAMINATION

NAME of VESSEL	EVALUATION LOCATION			EVALUATION DATE
Task 11 – Outboard Engines (continued)	<small>Satis- factory</small>	<small>Unsatis- factory</small>	<small>Not Applicable</small>	Comments
11.5 Engine horsepower within limits listed on capacity plate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.6 Throttle has noticeable detent when shifted into neutral, start in gear protection, engine kill lanyards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.7 Operational test (all gears and speeds)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.8 Engine controls, gauges, indicators (function normally)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Task 12 – Inboard Engines	<small>Satis- factory</small>	<small>Unsatis- factory</small>	<small>Not Applicable</small>	Comments
Class I and II (if installed)				
12.1 General condition (damage, excessive oil, dirt, corrosion)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.2 Belts and filters (condition, filters replaced annually, dated)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.3 Engine oil (condition, level, test if needed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.4 Hydraulic oil (condition, level, test if needed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.5 Cooling system (piping, hoses, strainers, filters, clamps)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.6 Coolant (condition, level, mixture, test if needed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.7 Exhaust system (piping, lagging, leaks, corrosion, proximity to combustibles)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.8 Fuel piping, hoses and fittings (leaks, chafing, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.9 Engine foundation (fatigue, stress fractures, flexing)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.10 Intakes and vents (unobstructed, clean, screened)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.11 Machinery guards (installed over exposed gears, belts or other rotating machinery)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.12 Starter wiring (supported, chafing, proximity to moving parts, positive terminals/connections booted)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.13 Seacocks and strainers (unobstructed, operable)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.14 Transmission fluid (level, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.15 Controls and indicators (operate normally, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.16 Remote fuel shut off valves (test operate, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.17 Emergency shutdown (test operate)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If boat is Inboard/Outboard (including jets)				
12.18 Propeller, lower unit, boot or jet drive, bucket(s) (condition, damage)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If boat is straight inboard				
12.19 Propulsion shaft (cracks, wear, seals/stuffing box)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All inboard engine boats				
12.20 Operational test (all gears and speeds)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

ANNUAL SMALL BOAT EVALUATION/SMALL BOAT EXAMINATION

NAME of VESSEL	EVALUATION LOCATION			EVALUATION DATE
Task 13 – Fuel System	<small>Satis- factory</small>	<small>Unsatis- factory</small>	<small>Not Applicable</small>	Comments
Class A, I, and II				
13.1 Tanks, piping, hose, fittings, supports (type, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.2 Flexible non-metallic hoses (approved type, double clamped on fuel fill hoses, IAW ABYC H-24, H-32)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.3 Fuel gauging (appropriate method, gauge, graduated ruler)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.4 Vents and valves (unobstructed, operate properly)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.5 Filters (replaced at least annually, dated)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.6 All tanks and pipes bonded to common ground (integral tanks)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Task 14 – Steering System	<small>Satis- factory</small>	<small>Unsatis- factory</small>	<small>Not Applicable</small>	Comments
Class A, I, and II				
14.1 Foundations/mounting bolts (condition, intact, secure)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.2 Control linkages, linkage pins, ram guides (condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.3 Potential single point system failure items (condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.4 Locking devices (e.g., cotter pins) on all vital connections	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Class I and II only				
14.5 Pipes, runs, and brackets subject to vibration damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Class II only				
14.6 Emergency steering (diagrams posted, test operate)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.7 Rudder (stock, bearing, support, packing, wear, leakage)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.8 Motor controller and gear boxes (wiring, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.9 Pumps, motors, and couplings (condition, excess play)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.10 Hydraulics (hoses, connections, reservoir full)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Task 15 – Bilge System	<small>Satis- factory</small>	<small>Unsatis- factory</small>	<small>Not Applicable</small>	Comments
Class I and II only				
15.1 All standing water drains to bilge suction pipes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.2 Strainers (good condition, unobstructed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.3 Bilge pumps installed in bilges with thru-hull openings below the waterline or compartments with non-watertight decks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.4 Bilge pumps installed in accordance with ABYC H-22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.5 Remote valve/pump actuators (test operate, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.6 Oily water separator filter (dated, changed at least annually)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

ANNUAL SMALL BOAT EVALUATION/SMALL BOAT EXAMINATION

NAME of VESSEL	EVALUATION LOCATION			EVALUATION DATE
Task 15 – Bilge System (continued)				
	<small>Satis- factory</small>	<small>Unsatis- factory</small>	<small>Not Applicable</small>	Comments
15.7 Bilge level alarms, float switches (test operate, unobstructed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.8 Bilge blower (test operate, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Class II only				
15.9 Independent valves for each watertight compartment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Task 16 – Potable Water System	<small>Satis- factory</small>	<small>Unsatis- factory</small>	<small>Not Applicable</small>	Comments
16.1 Entire system operable and in good repair	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16.2 Filling hose (designated, labeled, storage)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16.3 Vents (screened, not near contaminants, unobstructed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16.4 Tanks (designated, clearly marked, maximum allowable water pressure not exceeded)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16.5 Pressure system (pump, air fittings, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16.6 Housekeeping around all components is adequate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Task 17 – Electrical System	<small>Satis- factory</small>	<small>Unsatis- factory</small>	<small>Not Applicable</small>	Comments
Class A, I, and II				
17.1 Cables and wires (damage, condition, discoloration)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.2 Cable and wire supports (condition, do not cause chafing)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.3 No permanent “temporary” solutions (e.g., extension cords)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.4 Shore power connection and cable (condition, damage)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.5 Switchboards, junction boxes, panels, and inverters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.6 Switches, breakers, and fuses (labeled, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.7 Over current devices accurately identified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.8 Distribution points (ventilated, shielded from water and debris)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.9 Instrumentation (meters) (working, calibrated)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.10 Controls and meters (working, accurately labeled)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.11 Batteries (condition, damage, corrosion, ventilated)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.12 Battery terminals (connections secure, covered, type)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.13 Battery trays (resistant to electrolyte, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.14 Ventilation (sufficient to dissipate charging gases)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.15 Charging system components (examine inverter)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

ANNUAL SMALL BOAT EVALUATION/SMALL BOAT EXAMINATION

NAME of VESSEL	EVALUATION LOCATION	EVALUATION DATE		
Task 17 – Electrical System (continued)	<small>Satis- factory</small>	<small>Unsatis- factory</small>	<small>Not Applicable</small>	Comments
Class I and II only				
17.16 Drip shields (present, good condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.17 Lighting system (each light is protected by a guard)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.18 Outlets (properly grounded and covered/watertight)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Task 18 – Generator	<small>Satis- factory</small>	<small>Unsatis- factory</small>	<small>Not Applicable</small>	Comments
Class A, I, and II				
18.1 General condition (damage, excessive oil, dirt, corrosion)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18.2 Belts and filters (condition, filters replaced annually, dated)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18.3 Exhaust system (piping, lagging, leaks, corrosion)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18.4 Compartment adequately ventilated, dry as possible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18.5 Oil (condition, level, test if needed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18.6 Cooling system (coolant level, coolant mix, piping, gaskets)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18.7 Voltmeter, ammeter (if ≥ 50 volts, verify operation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18.8 Frequency measuring device (verify operation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18.9 Over current protection device set at <115% full load	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Task 19 – Markings	<small>Satis- factory</small>	<small>Unsatis- factory</small>	<small>Not Applicable</small>	Comments
Class A, I, and II				
19.1 Boat is marked in accordance with SBSPM Section 14, Appendix O	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Task 20 – Validation			
20.1	EVALUATOR NAME	SIGNATURE	DATE
20.2	VOC/CO NAME	SIGNATURE	DATE
20.3	LOSBO NAME	SIGNATURE	DATE

Comments: List all Category 1 deficiencies in the space below using the VIB 02-10 as a reference.

ANNUAL SMALL BOAT EVALUATION/SMALL BOAT EXAMINATION

NAME of VESSEL	EVALUATION LOCATION	EVALUATION DATE
----------------	---------------------	-----------------

Additional Comments: List all Category 1 deficiencies in the space below using the VIB 02-10 as a reference.