

**NEW YORK NAVAL MILITIA  
SEA TRIAL CHECKLIST**

**VESSEL:** \_\_\_\_\_

**DATE(S):** \_\_\_\_\_

**VENDOR:** \_\_\_\_\_

**LOCATION:** \_\_\_\_\_

**Section 1. Visual Inspection**

**A. HULL**

<b>Check condition of:</b>	<b>SAT</b>	<b>UNSAT</b>
<b>Keel, Strakes and Chines</b>		
<b>Remainder of Bottom Area</b>		
<b>Welds</b>		
<b>Battery Isolation Switch</b>		
<b>Transom</b>		
<b>Bilge Pump</b>		
<b>Bow and Topside</b>		
<b>Deck fittings secure</b>		
<b>Deck/Cabin</b>		
<b>Navigational lights</b>		
<b>Windscreen</b>		
<b>Steering System</b>		

Note your general comments on the overall condition of the hull, specifically those items that require immediate attention:

**B. MOTOR(S) / ANCILLARIES**

**Port:**            **Make**                      **Year**                      **Serial No.**                      **HP**

**S/Board:**       **Make**                      **Year**                      **Serial No.**                      **HP**

<b>Check for:</b>	<b>SAT</b>	<b>UNSAT</b>	<b>N/A</b>
<b>Visible Damage</b>			
<b>Loose Parts</b>			
<b>Corroded/Deteriorated Parts</b>			
<b>Choke</b>			
<b>Alternator Charging</b>			

<b>Instruments Functioning</b>			
<b>Fuel tanks</b>			
<b>Vented</b>			
<b>Deck Fills</b>			
<b>Cooling System</b>			
<b>Water Leaks</b>			
<b>Fuel Leaks</b>			
<b>Throttle</b>			
<b>Starting System</b>			
<b>Remove Spark Plugs and check</b>			
<b>Gearshift</b>			
<b>Condition of Oil</b>			
<b>Fuel Lines, Filters and Connections</b>			
<b>Tilt/Trim System</b>			
<b>Electrical System</b>			

Note your general comments on the overall condition of the motor(s), specifically those items that require immediate attention:

**C. TRAILER**

**Make                                  Model                                  Year Built                                  Ser. No.**

<b>Check visual condition of:</b>	<b>SAT</b>	<b>UNSAT</b>	<b>N/A</b>
<b>Coupling and Chain</b>			
<b>Brakes</b>			
<b>Tilt Drawbar and Lock</b>			
<b>Axle and Springs</b>			
<b>Winch, Cable and Stand</b>			
<b>Chassis</b>			
<b>Bow Safety Chain</b>			
<b>Roller/Supports</b>			
<b>Wheel Rims</b>			
<b>Wheel Bearings</b>			
<b>Trailer Lights</b>			

Note your general comments on the overall condition of the trailer, specifically those items that require immediate attention:

## Section 2. Operational Evaluation

<b>A. TEST</b>	<b>SAT</b>	<b>UNSAT</b>	<b>N/A</b>
Cold inspection of Transmissions			
Cold inspection of Generators			
Transmission fluid levels			
Check of generator oil levels			
Check of engine coolant levels			
Check of generator coolant levels			
Start and run engines			
Inspect running transmissions			
Start and run generators			
Check bilge pumps for proper operation			
Test high bilge alarms			
Check battery charger for proper operation			
Checks mooring lines for secure docking			
Flush all toilets and run all sinks and showers			
Test Carbon Monoxide			
Smoke detectors			
Power up Navigation Equipment at the helm			
Radio checks preformed on all on-board VHF radios			
Inspect rudder packing glands and shaft seals			
Inspect fuel tanks			
Inspect sight glass fuel filters			
Inspect fuel lines and fittings			
Inspect and test water pumps			
Inspect and test air conditioner systems			
Inspect and test heating systems			
Inspect and test gray water sump tanks			
Inspect fire alarms			
Inspect fixed fire suppression systems			
Inspect fire extinguishers			
Inspect life jackets			
Inspect life rings			
Check life rafts for proper inspection tags			
Inspect First Aid Kits			
Test searchlights			
Check for "Trash Disposal" Placard			
Check for "No Oil Discharge" Placard			
Check for "Waste Management Plan"			
Test horns and bells			
Inspect and test all navigation lights			
Check flares for expiration			
Inspection of Bonding System			
Inspection of Grounding System			
Test AC electric outlets for proper electrical polarity			
Test for stray current			

Check of Galvanic Isolators			
Operate anchor windlass			
Operate Davits			
Operate windshield wipers, washers and electric vents			
Open and close all hatches			
Test all AC and DC electric lights			
Inspect engine and generator strainers			
Inspect condition of engine and generator belts			
Inspect engine fuel coolers and oil coolers			
Inspect engine and generator heat exchangers			
Test engine room exhaust blowers			
Inspect engine and house batteries			
Check 12 volt plugs for proper operation			
Inspect and test of shore power cords			
Full load test of generator with all AC systems operated			
Record engine and generator operating hours			
Inspect and test all steering stations			
Test all rudder indicators			
Inspect all anchors			
Check for manual anchor windlass handles			
Test all radar equipment			
Chartplotters			
Depth gauges			
Compasses			
Test trim tabs and stabilizers			
Check for galvanic halos around thru hull fittings			
Inspect hull zincs for possible replacement			
Inspect hull's bottom paint condition			
Inspect for osmotic blistering of the hull's wetted surface area			
Inspect for moisture intrusion, delamination, dis-bonding or hull damage			
Inspect propellers for dings, dents and damage			
Check size of propellers			
Check rudders for end play			
Check cutlass bearings for end play			
Inspect struts			
Inspect depth and speed transducers			
Inspect boat trailers			
Check for engine oil and coolant leaks			
Check for raw water leaks into bilge			

<b>B. RECORD</b>	<b>RPM</b>	<b>KNOTS</b>	<b>N/A</b>
Idle speed			
Cruising speed			
Wide open throttle speed			
	<b>TEMP</b>	<b>PRESSURE</b>	
Record engine temperatures			
Record engine oil pressures			
Record transmission temperatures			
Record transmission oil pressures			
Record engine boost or charged air pressures			
Record engine fuel pressures			

### Section 3. Contractual Compliance

Vessels complies with contract specifications: Yes \_\_\_\_\_ No \_\_\_\_\_  
Comments:

**Vessel is:    Acceptable \_\_\_\_\_            Not Acceptable \_\_\_\_\_**

INSPECTORS:

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