

# Checklist for T-Boat Inspections

This checklist may be used to assist owners or operators with vessel pre-inspection prior to arrival of a Coast Guard Marine Inspector.

This checklist is not all-inclusive. Additional information regarding each item can be found by referencing the applicable regulation. Vessel owners and operators are responsible for being familiar with the regulations pertaining to their vessel(s). This checklist serves as a guide only and shall not be used as the sole reference for properly maintaining and operating a vessel.

**Note:** Vessels that carry more than 12 passengers on an international voyage, i.e. Mexico, must meet the requirements listed here in addition to applicable SOLAS regulations.

| ✓ | Documents and Administration                                                                                                                                                                                                                         | Regulation       |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
|   | Certificate of Documentation or State Certificate of Registration                                                                                                                                                                                    | 46 CFR 67.01-5   |
|   | Certificate of Inspection (COI)                                                                                                                                                                                                                      | 46 CFR 176.100   |
|   | Stability Letter                                                                                                                                                                                                                                     | 46 CFR 176.306   |
|   | Master's License                                                                                                                                                                                                                                     | 46 CFR 185.402   |
|   | FCC Radio's Operator's License                                                                                                                                                                                                                       | 46 CFR 184.50    |
|   | FCC Station License/ Radio Telephony Safety Certificate                                                                                                                                                                                              | 47 CFR 80        |
|   | Oil Pollution Placard                                                                                                                                                                                                                                | 33 CFR 155.450   |
|   | Waste Management Plan - <i>Required on vessels 40 feet in length or greater.</i>                                                                                                                                                                     | 33 CFR 151.57    |
|   | Emergency Check-off List                                                                                                                                                                                                                             | 46 CFR 185.510   |
|   | Emergency Broadcast Placard                                                                                                                                                                                                                          | 46 CFR 184.506   |
|   | 46 CFR 166-199 (Subchapter "T")                                                                                                                                                                                                                      | RECOMMENDED      |
|   | Compass Deviation Card                                                                                                                                                                                                                               | 33 CFR 164.35(c) |
|   | Drug Testing Program <ul style="list-style-type: none"> <li><i>Must have proof of pre-testing for all crewmembers and random testing of at least 50% of the crew each year.</i></li> <li><i>Proper selection method for random tests.</i></li> </ul> | 46 CFR 16.230    |
|   | Drills - <i>Crew training must be conducted and logged once every three months.</i>                                                                                                                                                                  | 46 CFR 185.420   |
|   | Current Charts of Operating Area, Coast Pilot, Light List, Local Notices to Mariners, Rules of the Road and Tide Tables.                                                                                                                             | 46 CFR 184.420   |

| ✓ | Lifesaving Equipment                                                                                                                                                                                                                                                                                                                                                             | Regulation         |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
|   | Lifejackets <ul style="list-style-type: none"> <li><i>Vessel name stenciled on jacket</i></li> <li><i>Reflective tape on both sides of jacket</i></li> <li><i>Lights on jackets for vessels with coastwise or oceans route (check battery expiration date).</i></li> <li><i>Stowage location correctly marked.</i></li> <li><i>Proper number as indicated on COI.</i></li> </ul> | 46 CFR 80.71-78    |
|   | Lifefloat/Buoyant Apparatus <ul style="list-style-type: none"> <li><i>Ensure weak link is of correct breaking strength.</i></li> <li><i>Vessel name stenciled on craft.</i></li> </ul>                                                                                                                                                                                           | 46 CFR 180.130-175 |
|   | Ring Buoy - <i>At least one ring must be fitted with a lifeline and waterlight (check battery expiration date).</i>                                                                                                                                                                                                                                                              | 46 CFR 180.70      |
|   | Distress Signals <ul style="list-style-type: none"> <li><i>Correct number for route.</i></li> <li><i>Stored appropriately.</i></li> </ul>                                                                                                                                                                                                                                        | 46 CFR 180.68      |
|   | EPIRB - <i>Route beyond 3 miles - 406 MHz installed to automatically float free and activate.</i>                                                                                                                                                                                                                                                                                | 46 CFR 180.64      |

| ✓ | Navigation and Radio Equipment                                                                                                                                                  | Regulation         |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
|   | Navigation Lights                                                                                                                                                               | 46 CFR 183.420     |
|   | Navigation / Radio Equipment - <i>Conduct operational tests of the following equipment: Radios, Compass, Radar, Bell, Fathometer, Horn, LORAN/GPS, and Required Day Shapes.</i> | 46 CFR 184.402-420 |

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| ✓ | <b>Firefighting Equipment</b>                                                                                                                                                                                 | <b>Regulation</b>  |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
|   | Portable Fire Extinguishers - <i>Properly maintained and stored.</i>                                                                                                                                          | 46 CFR 181.500     |
|   | Fixed Fire Extinguisher System <ul style="list-style-type: none"> <li>• <i>Serviced annually.</i></li> <li>• <i>Vessels with wood or FRP hulls must have fixed firefighting by March 11, 1999.</i></li> </ul> | 46 CFR 181.400-450 |
|   | Fire Main System - <i>Check condition of pumps, hoses, nozzles, and piping system.</i>                                                                                                                        | 46 CFR 181.300-320 |
|   | Additional Equipment <ul style="list-style-type: none"> <li>• <i>Fire axe for vessels over 65 feet.</i></li> <li>• <i>Fire buckets.</i></li> </ul>                                                            | 46 CFR 181.600-610 |

| ✓ | <b>Engine Room Inspection</b>                                                                                                                                                                        | <b>Regulation</b>                    |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
|   | Emergency Fuel Shutoffs <ul style="list-style-type: none"> <li>• <i>Properly labeled.</i></li> <li>• <i>Test for proper operation.</i></li> </ul>                                                    | 46 CFR 182.455                       |
|   | Batteries <ul style="list-style-type: none"> <li>• <i>Mounted correctly</i></li> <li>• <i>Properly ventilated.</i></li> <li>• <i>Proper type connections.</i></li> </ul>                             | 46 CFR 183.350-352                   |
|   | Engines <ul style="list-style-type: none"> <li>• <i>Two independent means of control.</i></li> <li>• <i>All hoses double clamped.</i></li> </ul>                                                     | 46 CFR 182.410-430<br>46 CFR 184.620 |
|   | Pressure Vessels <ul style="list-style-type: none"> <li>• <i>Test pressure relief valves.</i></li> <li>• <i>Open for internal inspection or hydro test to 1.25 of MAWP every 3 years.</i></li> </ul> | 46 CFR 182.330<br>46 CFR 176.812     |
|   | Electrical System <ul style="list-style-type: none"> <li>• <i>Proper connection.</i></li> <li>• <i>Cable runs supported.</i></li> <li>• <i>New installations approved.</i></li> </ul>                | 46 CFR 183.200-340                   |
|   | Steering Gear <ul style="list-style-type: none"> <li>• <i>General condition.</i></li> <li>• <i>Auxiliary means of steering.</i></li> <li>• <i>Test for proper operation.</i></li> </ul>              | 46 CFR 182.600-620                   |
|   | General Condition <ul style="list-style-type: none"> <li>• <i>Ventilation.</i></li> <li>• <i>Machinery guarding.</i></li> <li>• <i>No fuel, oil, or water leaks.</i></li> </ul>                      | 46 CFR 176.804<br>46 CFR 176.830     |

| ✓ | <b>Interior Inspection</b>                                                                                                                                                                                                                    | <b>Regulation</b>  |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
|   | Condition of bilges and bilge piping system - <i>Test for proper operation.</i>                                                                                                                                                               | 46 CFR 182.500-540 |
|   | Marine Sanitation Device - <i>Overboard discharge valve locked.</i>                                                                                                                                                                           | 33 CFR 159         |
|   | Below Deck Passenger Spaces - <i>Emergency lighting.</i>                                                                                                                                                                                      | 46 CFR 183.432     |
|   | Structural Integrity <ul style="list-style-type: none"> <li>• <i>Condition of frames, longitudinals, hull plating, etc.</i></li> <li>• <i>No dry rot in wood, de-lamination in FRP, or excessive pitting in aluminum or steel.</i></li> </ul> |                    |

| ✓ | <b>Exterior Inspection</b>                                                                                                                                                                                                                      | <b>Regulation</b>                |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
|   | Watertight hatches and doors <ul style="list-style-type: none"> <li>• <i>A hatch cover must be attached to hatch frame or coaming by hinges or captive chain.</i></li> <li>• <i>Gasket and securing mechanism in good condition.</i></li> </ul> | 46 CFR 179.330<br>46 CFR 179.360 |
|   | Windows - <i>Must be weather-tight with no cracks or holes.</i>                                                                                                                                                                                 | 46 CFR 179.360                   |
|   | Fuel Tank Vents - <i>30x30 mesh screen installed.</i>                                                                                                                                                                                           | 46 CFR 182.450                   |

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| ✓ | Drydock Inspection                                                                                                                                                              | Regulation         |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
|   | <ul style="list-style-type: none"> <li>Ensure Hull exterior is clean, but <u>not</u> freshly painted.</li> </ul>                                                                | 46 CFR 176.600-670 |
|   | <ul style="list-style-type: none"> <li>Open all interior spaces and ventilate.</li> </ul>                                                                                       | “                  |
|   | <ul style="list-style-type: none"> <li>Ensure bilges are clean and dry.</li> </ul>                                                                                              | “                  |
|   | <ul style="list-style-type: none"> <li>All through hull valves must be opened.</li> </ul>                                                                                       | “                  |
|   | <ul style="list-style-type: none"> <li>Remove all screens/strainers from exterior of hull.</li> </ul>                                                                           | “                  |
|   | <ul style="list-style-type: none"> <li>For wood vessels over 10 years old, be prepared to pull fasteners every 5 years.</li> </ul>                                              | “                  |
|   | <ul style="list-style-type: none"> <li>Be prepared to pull a keel bolt when vessel reaches 20 years old and then every 10 years thereafter.</li> </ul>                          | “                  |
|   | <ul style="list-style-type: none"> <li>Wood and FRP vessels over 15 years old will be required to have vessel inspected while underway prior to carrying passengers.</li> </ul> | “                  |

**Notes:**

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# Checklist for T-Boat Inspections

## DRUG and ALCOHOL TESTING PROGRAMS (46 CFR 4, 5, 16 and 33 CFR 95)

As of 21 December 1990, every marine employer must have each employee tested for compliance with the Chemical testing regulations found in title 46 code of Federal Regulations (CFR) parts 4,5,16. These regulations require marine employers to establish testing programs, maintain records of employees tested, and establish employee assistance programs.

The employer is responsible for the program and all costs are left to the employer's discretion. Self-employed operators who are required to have a Coast Guard license to operate their vessels are also subject to these regulations. Five types of tests are required; periodic testing for physical examination to renew your license, pre-employment, random, reasonable cause and post serious marine incident testing. Any questions regarding the program may be addressed to the inspector or this office at (813) 228-2193. Effective October, 1996 a \$1,000.00 civil penalty may be assessed for non-compliance with any portion of this program.

The following requirements describe requirements for both employer and consortium type testing programs. Marine employers must participate and prove compliance with one of the below mentioned programs.

### MARINE EMPLOYER PARTICIPATING IN A DRUG CONSORTIUM RUN PROGRAM:

| ✓ | Documents and Administration                                                                                                                                                                                                                                                          | Regulation       |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
|   | Dated proof of participation showing SSN or name of crewmembers participating in their random pool selection                                                                                                                                                                          | 46 CFR 16.230(d) |
|   | Copy of drug program, employer's policy, community hot-line number, documentation of training provided to whom and when, documentation crew has read program/employers policy.                                                                                                        | 46 CFR 16.401    |
|   | All positive test results for CG licensed/documented crewmembers shall be reported to local OCMI in writing. <i>NOTE: All positive tests regardless of being licensed or unlicensed require immediate removal from duties which directly affect the safe operation of the vessel.</i> | 46 CFR 16.201    |
|   | Collection and reporting of Drug and Alcohol Testing Information (ANNUAL REPORT 1 Jan-31 Dec) submitted to Commandant (G-MMI), 2100 Second Street SW, Washington, D.C. 20593-0001 on Coast Guard Form CG-5573 by 15 March of each year by the marine employer or their consortium.    |                  |

### MARINE EMPLOYER RUN PROGRAM:

| ✓ | Documents and Administration                                                                                                                                                                                                                                                           | Regulation                          |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
|   | All covered employees participated in a 12 month random selection pool. - <i>Employees not participating in/available for 12 month selection in random pool have had pre-employment test and were added to random pool until employment terminated.</i>                                | 46 CFR 16.230 effective 01 Oct 1991 |
|   | Copy of drug program, employer's policy, community hot-line number, documentation of training provided to who and when, documentation crew has read program/employers policy.                                                                                                          | 46 CFR 16.401                       |
|   | Documentation of annual Random test rate of required employees has been conducted. 50% randomly drug tested between 01 January and 31 December of the previous year.                                                                                                                   | 46 CFR 16.230(e)                    |
|   | Proof the random drug test selection of crewmembers is being accomplished using a scientifically valid method.                                                                                                                                                                         | 46 CFR 16.230(c)                    |
|   | Drug program, employer's policy and training/education reviewed annually to update any changes.                                                                                                                                                                                        |                                     |
|   | Program has a qualified designated Medical Review Officer (MRO).                                                                                                                                                                                                                       | 46 CFR 16.370                       |
|   | All test results reviewed by designated MRO                                                                                                                                                                                                                                            | 46 CFR 16.360                       |
|   | All positive test results for CG licensed/documented crew members shall be reported to local OCMI in writing. <i>NOTE: All positive tests regardless of being licensed or unlicensed require immediate removal from duties which directly affect the safe operation of the vessel.</i> | 46 CFR 16.201                       |
|   | Procedures to safeguard personal drug testing info.                                                                                                                                                                                                                                    | 46 CFR 16.380                       |
|   | Maintain records for 1 year for negative tests and 5 years for positive tests.                                                                                                                                                                                                         | 46 CFR 16.260                       |
|   | Records/means available to provide an employee with proof they have participated in the program and passed a pre-employment or random test within past six months.                                                                                                                     | 46 CFR 16.210                       |
|   | Records to show total number of individuals chemically tested annually for drugs and under what type tested. Number and types of drugs individuals tested positive. <i>Only DOT approved testing program.</i>                                                                          | 46 CFR 16.260(b)                    |
|   | Collection and reporting of Drug and Alcohol Testing Information (ANNUAL REPORT 1 Jan-31 Dec) submitted to Commandant (G-MMI), 2100 Second Street SW, Washington, D.C. 20593-0001 on Coast Guard Form CG-5573 by 15 March of each year by the marine employer or their consortium.     |                                     |