

# CONCEPTION

## SEA TRIALS

### "T" Boat new Construction and Conversion

The purpose of the sea trial is to determine the vessel's characteristics under operating conditions. Sea trials shall be conducted on all Sub. "T" vessels prior to issuance of a Certificate of Inspection. Currently certificated or previously certificated vessel that have undergone extensive structural or machinery modification or anything that may affect the safe navigation of a vessel must also undergo sea trials. It is the policy of this port to take the vessel beyond the breakwater to a safe area and perform and observe at least the following:

- ✓ *DOUBLE ROOM HYDR*  
1. Steering Equipment - have operator make at least two full turns port and two starboard, physically examine steering gear throughout during these maneuvers.
- ✓ 2. Collision Stop - from full ahead to full astern (check engineroom thereafter).
- ✓ 3. Anchoring - drop and retrieve anchor, range line, chain or cable at same time. Is anchor right size and type?
4. Electronic Gear - observe operation of all electronic equipment on board, transmit and receive with all radio equipment onboard.
- ✓ 5. Fire Pumps - observe operation of fire pump, hoses, nozzles, and associated equipment (if required).
- ✓ 6. Bilge Pumps - draw suction from each bilge strainer while underway, also observe operation of all other pumps that may be cross - connected into bilge system.
- ✓ 7. Emergency Lights - observe operation of installed emergency lighting system in required areas (if required on board).
8. Engineroom - spend time in engineroom while underway operating at a cruising speed. Check shafts, shaft log packing, exposed machinery hazards, electrical hazards, fuel tanks and piping/flex-hose, exhaust system, throttle cables, engine tach, and gages, auxilary generator, and any other items that may constitute a hazard. Check dive bottle compressors and the Tike; pop all relief valves - including hot water heater *RACKS GOOD*
- ✓ 9. Emergency fuel shutoffs - actually observe the fact valves will shut down engines. (accomplish this dockside).
- ✓ 10. Watertight Integrity - physically check all compartments on vessel, including bilges, for piping system leaks, wiring malfunctions or anything unusual. Check all maindeck watertight hatches, doors, etc. for proper operation.
- ✓ 11. Emergency Escapes - physically use each emergency escape onboard.
- ✓ 12. Galley Equipment - observe operation of all installed galley equipment, particularly note deep fat fryer locations, exhaust vents, sea rails, and any hazards associated with underway galley's.

*SEA TRIALS SATISFACTORY*