

SMALL PASSENGER VESSEL ELECTRONICS CHECK LIST

(Preparation for Inspections)

SAFETY & BRIDGE-TO-BRIDGE RADIOTELEPHONY CERTIFICATES

➤ **RESERVE POWER SOURCE**

- ❑ Batteries must supply required equipment for a minimum of 3 hours of normal use. Inspect the batteries & all connections. Clean corrosion as necessary.
- ❑ Full automatic recharging in not more than 10 hours. Verify charger is operating.
- ❑ If an auto-switch is used between a power supply and batteries, verify proper operation by turning off the supply and confirming the equipment still works.

➤ **RADIO INSTALLATIONS**

- ❑ Call sign must be clearly visible from operating position.
- ❑ Inspect all antennas, cables, and connections.
- ❑ Verify proper operation of VHF & SSB radios on primary & reserve power.
- ❑ An Inmarsat ship earth station may be an alternate to the SSB.
- ❑ Vessels with an area of operation beyond 200nm must also be equipped with a separate SSB receiver capable of receiving automated broadcasts on AMVER (Automated Mutual-Assistance Vessel Rescue System) frequencies.

➤ **PUBLICATIONS & DOCUMENTATIONS**

- ❑ A valid station license (FCC) must be clearly posted.
- ❑ A current crewmember must have and be prepared to present during inspection a Marine Radio Operator Permit or higher.
- ❑ Ships station log (radio log book) must be available with correct entries made.
- ❑ A copy of the current FCC Rules & Regulations Part 80 should be on board or at a convenient location on shore.
- ❑ Current Communications Act Safety Radiotelephony & Bridge-to-Bridge certificates posted.
- ❑ Vessels certified for beyond 100nm must participate in the AMVER system (more info at www.amver.com) on voyages of more than 24 hours & provide evidence of such participation.

➤ **EPIRB**

- ❑ Must be a Category I (automatic deploy/activation) type unit.
- ❑ The mounting location must be clear of rigging & structures to assure float-free operation.
- ❑ Confirm the battery date is not expired.
- ❑ Follow the test procedure. Refer to unit's manual. Omit if unsure of proper procedure.
- ❑ Vessel name, call sign & MMSI is clearly marked on the unit.

➤ **NAVIGATION RECEIVER (GPS)**

- ❑ Verify proper operation of GPS unit.
- ❑ Verify GPS operates on reserve power source (batteries).

➤ **NAVTEX**

- ❑ Verify the unit is properly receiving & printing (or storing) broadcasts.
- ❑ Confirm the unit functions on reserve power.



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