

Radio Installation Survey and Inspection Form

Yacht name: _____
Call Sign: _____

Date: _____
Location: _____

tick box to confirm item checked,
 or write in the reading obtained.

Owners Representative: _____

- | | | | |
|-----|-------------------------------|--|--|
| 1. | Radio Batteries | Radio Batteries isolated from engine starting batteries
Batteries in suitable location
Batteries can be charged by main engine | <input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/> |
| 2. | Electrolyte Level | Correct Electrolyte level in all cells | <input type="checkbox"/> |
| 3. | SG Readings | SG readings of all cells above 1.23 | <input type="checkbox"/> |
| 4. | On Load Voltage Test | Battery terminal voltage did not fall below 11.4 v
when On-load Battery Tester applied | <input type="checkbox"/> |
| 5. | Hydrometer | A working hydrometer is kept on board | <input type="checkbox"/> |
| 6. | Battery Terminals | Terminals are tight and well greased
Battery cabling is in good condition | <input type="checkbox"/>
<input type="checkbox"/> |
| 7. | HF Radio | Installed in a position protected from the ingress of moisture..... | <input type="checkbox"/> |
| 8. | Frequencies fitted | 2182 <input type="checkbox"/> 4125 <input type="checkbox"/> 6215 <input type="checkbox"/> 8291 <input type="checkbox"/>
2524 <input type="checkbox"/> 4483 <input type="checkbox"/> | |
| 9. | Radio Test | Transmission signal reports are satisfactory
on all frequencies
Radio Station used for tests <u> PENTA COMSTAT </u> | <input type="checkbox"/>
<input type="checkbox"/> |
| 10. | ATU | ATU effectively tunes HF antenna on all frequencies fitted..... | <input type="checkbox"/> |
| 11. | HF Antenna | HF antenna in sound mechanical condition | <input type="checkbox"/> |
| 12. | Spare HF Antenna | Spare HF Antenna is kept on board and is easily erected
and connected to the ATU | <input type="checkbox"/> |
| 13. | Insulators | Insulators on HF antenna of good quality and free from defects | <input type="checkbox"/> |
| 14. | Co-axial cable feeder | Feeder is sound and of low loss quality with good connections | <input type="checkbox"/> |
| 15. | Radio Earth | Radio Earth system is sound and effective—antenna tunes well | <input type="checkbox"/> |
| 16. | Radio Earth Connection | Connection to ATU and Transceiver is 50 mm wide copper strip | <input type="checkbox"/> |
| 17. | VHF Radio | Installed in a position protected from the ingress of moisture.....
Channels 16, 67, 81, and 6 fitted <input type="checkbox"/> 25 Watt transmit power | <input type="checkbox"/>
<input type="checkbox"/> |
| 18. | VHF Antenna | VHF antenna in sound mechanical condition
VHF antenna installed at masthead | <input type="checkbox"/>
<input type="checkbox"/> |
| 19. | Co-axial cable feeder | Feeder is sound and of low loss quality with good connections | <input type="checkbox"/> |
| 20. | Spare VHF Antenna | Spare VHF Antenna is kept on board
Spare VHF Antenna easily erected and connected | <input type="checkbox"/>
<input type="checkbox"/> |
| 21. | VHF Hand Held Radio | Channels 16, 67 and 6 fitted <input type="checkbox"/> 5 Watt transmit power...
VHF Hand Held Radio is Waterproof | <input type="checkbox"/>
<input type="checkbox"/> |
| 22. | Documents | Marine Radio Operators Handbook is kept on board
Distress Procedure; Guide for Operators, is visible | <input type="checkbox"/>
<input type="checkbox"/> |

Radio Surveyor: _____ **Print Name in full:** _____
Signature _____

Radio Installation Survey and Inspection Form

Yacht Name: _____ Call Sign: _____

Radio Surveyor: _____ Location: _____
(Print Name and Sign)

Owner / Representative: _____ Date: _____

- | | | |
|----------------------------|---|--------------------------|
| 1. Radio Batteries | Radio Batteries Isolated from engine starting batteries <input type="checkbox"/> | <input type="checkbox"/> |
| | One Battery is Closed or Gel Cell <input type="checkbox"/> | <input type="checkbox"/> |
| | Batteries can be charged by main engine <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Electrolyte Level | Correct Electrolyte level in all cells <input type="checkbox"/> | <input type="checkbox"/> |
| 3. SG Readings | SG readings of all cells above 1.23 <input type="checkbox"/> | <input type="checkbox"/> |
| 4. On Load Voltage Test | Battery terminal voltage did not fall below 11.4v when On-load Battery Tester applied <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Hydrometer | A working hydrometer is kept on board <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Battery Terminals | Terminals are tight and well greased <input type="checkbox"/> | <input type="checkbox"/> |
| | Battery cabling is in good condition <input type="checkbox"/> | <input type="checkbox"/> |
| 7. HF Radio | Installed in a position protected from the ingress of moisture <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Frequencies Fitted | 2182 <input type="checkbox"/> 4125 <input type="checkbox"/> 6215 <input type="checkbox"/> 6227 <input type="checkbox"/> | |
| | 2524 <input type="checkbox"/> 4483 <input type="checkbox"/> 4603.6 <input type="checkbox"/> | |
| 9. Radio Test | Transmission signal reports are satisfactory on all frequencies <input type="checkbox"/> | <input type="checkbox"/> |
| | Radio Station used for tests <input type="checkbox"/> | <input type="checkbox"/> |
| 10. ATU | ATU effectively tunes HF antenna on all frequencies fitted <input type="checkbox"/> | <input type="checkbox"/> |
| 11. HF Antenna | HF Antenna in sound mechanical condition <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Spare HF Antenna | Spare HF Antenna is kept on board and is easily erected and connected to the ATU <input type="checkbox"/> | <input type="checkbox"/> |
| 13. Insulators | Insulators on HF antenna of good quality and free from defects <input type="checkbox"/> | <input type="checkbox"/> |
| 14. Co-axial cable feeder | Feeder is sound and of low loss quality with good connections <input type="checkbox"/> | <input type="checkbox"/> |
| 15. Radio Earth | Radio Earth system is sound and effective-antenna tunes well <input type="checkbox"/> | <input type="checkbox"/> |
| 16. Radio Earth Connection | Connection to ATU and Transceiver <input type="checkbox"/> | <input type="checkbox"/> |
| 17. VHF Radio | Installed in a position protected from the ingress of moisture <input type="checkbox"/> | <input type="checkbox"/> |
| | Channels 16, 67, 72, 81 and 80 fitted <input type="checkbox"/> 25 Watt transmit power | |
| 18. VHF Antenna | VHF Antenna in sound mechanical condition <input type="checkbox"/> | <input type="checkbox"/> |
| 19. Co-axial cable feeder | Feeder is sound and of low loss quality with good connections <input type="checkbox"/> | <input type="checkbox"/> |
| 20. VHF Hand Held Radio | Channels 16, 67, 80 and 81 <input type="checkbox"/> 5 Watt transmit power <input type="checkbox"/> | <input type="checkbox"/> |
| | VHF Hand Held Radio is Waterproof | |
| 21. Documents | Marine Radio Operators Handbook is kept on board <input type="checkbox"/> | <input type="checkbox"/> |
| | Distress Procedure; Guide for operators is visible <input type="checkbox"/> | <input type="checkbox"/> |