

# CRUISING YACHT CLUB of AUSTRALIA

## Radio Installation Survey and Inspection Form Yachting Australia Special Regulations 2013-2017 - Category 1 & 2 Yachts

Yacht Name: \_\_\_\_\_ Sail no: \_\_\_\_\_ Call Sign: \_\_\_\_\_

Radio Surveyor Name: \_\_\_\_\_ Location of Check: \_\_\_\_\_

Boat Owner / Representative: \_\_\_\_\_ Date: \_\_\_\_\_

*Radio inspections are valid for 12 months from the date of issue.*

- 1. Yachts Batteries** Batteries shall be of a sealed type from which liquid electrolyte cannot escape   
Separate Engine & House battery banks   
Charging arrangements & switching adequate   
Alternator & belts in good working condition
- 2. On Load Voltage Test** Battery terminal voltage did not fall below 11.4v  
when On-load Battery Tester applied
- 3. Battery Terminals** Terminals are tight and well greased   
Battery cabling is in good condition
- 4. HF Radio** Installed in a position protected from the ingress of moisture  
Rated 100w output
- 5. Frequencies Fitted** 2182  4125  4483  6507  8176  12365   
2524  4426  6215  6516  8291
- 6. Radio Test** HF & VHF Transmission signal reports are satisfactory on all frequencies   
Radio Station used for tests \_\_\_\_\_
- 7. ATU HF** ATU effectively tunes HF antenna on all frequencies fitted
- 8. HF Antenna** HF Antenna in sound mechanical condition
- 9. Spare HF Antenna** Spare HF Antenna for each radio is kept on board and is easily erected  
and connected to the ATU
- 10. Insulators** Insulators on HF antenna of good quality and free from defects
- 11. Co-axial cable feeder** Feeder is sound and of low loss quality with good connections
- 12. Radio Earth** Radio Earth system is sound and effective-antenna tunes well
- 13. Radio Earth Connection** Connection to ATU and Transceiver
- 14. VHF Radio** Installed in a position protected from the ingress of moisture   
Channels 6, 16, 21, 22, 67, 72, 73, 80, 81 and 82 fitted  25 Watt transmit power

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|----------------------------------|---|--|
| <b>15. VHF Antenna</b>           | Masthead VHF Antenna in sound mechanical condition  | <input type="checkbox"/>   |
| <b>16. VHF Aerial</b>            | Spare Aerial is on Board for each radio<br>and mountings available for ease of installation   | <input type="checkbox"/>   |
| <b>17. Co-axial cable feeder</b> | Feeder is sound and of low loss quality with good connections   | <input type="checkbox"/>   |
| <b>18. VHF Hand Held Radio</b>   | Channels 6, 16, 21, 22, 67, 72, 73, 80 and 81<br>VHF Hand Held Radio is Waterproof<br>Provision for charge or replacement of batteries adequate | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/> |
| <b>19. Documents</b>             | Marine Radio Operators Handbook is kept on board<br>Distress Procedure; Guide for Operators & Call Sign is visible                              | <input type="checkbox"/><br><input type="checkbox"/>                             |
| <b>20. Separate Radio</b>        | Capable of receiving weather bulletins (AM/FM Radio)  | <input type="checkbox"/>   |
| <b>21. Special Regulations</b>   | Yacht complies with Yachting Australia Special Regulations 3.25 Marine Radio  | <input type="checkbox"/>   |
| <b>22. Navigation Lights</b>     | Yachts navigation lights, working, fitted to conform to Yachting Australia special regulations and IRPCAS                                       | <input type="checkbox"/>   |
| <b>23. AIS</b>                   | AIS Transponder fitted and operational  | <input type="checkbox"/>   |

### Radio Surveyors Declaration

*I have surveyed the radio and electrical equipment on this yacht and have found all equipment to be on board the yacht and in good working order at the time and date of this inspection. I have surveyed the yachts equipment and found it to conform to the requirements of Yachting Australia Special Regulations 2013-2017.*

**Signed:** \_\_\_\_\_ **Print Name:** \_\_\_\_\_

**Radio Surveyor / Marine Electrician Company & Contact Details and/or Stamp:**

**Name:** \_\_\_\_\_

**Company:** \_\_\_\_\_

**Contact Ph:** \_\_\_\_\_