



THE ROYAL PRINCE ALFRED YACHT CLUB
Radio Installation Survey and Inspection Form
Australia Sailing Special Regulations 2017-2021 - Category 1 & 2 Events

Yacht Name: _____ Sail no: _____ Call Sign: _____

Radio Surveyor Name: _____ Location of Check: _____

Boat Owner / Representative: _____ Date: _____

- 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 (refer to NoR)** 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 16546 12290
- 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 (DSC) Radio** Installed in a position protected from the ingress of moisture
Channels 6, 16, 21, 22, 67, 72, 73, 77, 80, 81 and 82 fitted 25 Watt transmit power
MMSI # _____
- 15. VHF Antenna** Masthead VHF Antenna in sound mechanical condition
- 16. VHF Aerial** Spare Aerial is on Board for each radio and mountings available for ease of installation

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|----------------------------------|--|--------------------------|
| 17. Co-axial cable feeder | Feeder is sound and of low loss quality with good connections | <input type="checkbox"/> |
| 18. VHF Hand Held Radio | Channels 6, 16, 21, 22, 67, 69, 72, 73, 77, 80, 81 and 82 | <input type="checkbox"/> |
| | VHF Hand Held Radio is Waterproof | <input type="checkbox"/> |
| | Provision for charge or replacement of batteries adequate | <input type="checkbox"/> |
| 19. Documents | Marine Radio Operators Handbook is kept on board | <input type="checkbox"/> |
| | Distress Procedure; Guide for Operators & Call Sign is visible | <input type="checkbox"/> |
| 20. Separate Radio (x2) | Capable of receiving weather bulletins (AM/FM Radio, SR3.25.1) | <input type="checkbox"/> |
| 21. Special Regulations | Yacht complies with Australian Special Regulations 3.25 Marine Radio | <input type="checkbox"/> |
| 22. Navigation Lights | Yachts navigation lights, working, fitted to conform to Australia Sailing Special Regulations and IRPCAS | <input type="checkbox"/> |
| 23. AIS | AIS Transponder fitted and operational (Tested) | <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 current Australia Sailing Special Regulations 2017-2021.*

Signed: _____ **Print Name:** _____

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

Name: _____

Company: _____

Contact Ph #: _____