

THE ROYAL PRINCE ALFRED YACHT CLUB
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.

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|-----------------------------------|---|--------------------------|
| 1. Yachts Batteries | Batteries shall be of a sealed type from which liquid electrolyte cannot escape | <input type="checkbox"/> |
| | Separate Engine & House battery banks | <input type="checkbox"/> |
| | Charging arrangements & switching adequate | <input type="checkbox"/> |
| | Alternator & belts in good working condition | <input type="checkbox"/> |
| 2. On Load Voltage Test | Battery terminal voltage did not fall below 11.4v when On-load Battery Tester applied | <input type="checkbox"/> |
| 3. Battery Terminals | Terminals are tight and well greased | <input type="checkbox"/> |
| | Battery cabling is in good condition | <input type="checkbox"/> |
| 4. HF Radio | Installed in a position protected from the ingress of moisture
Rated 100w output | <input type="checkbox"/> |
| 5. Frequencies Fitted | 2182 <input type="checkbox"/> 4125 <input type="checkbox"/> 4483 <input type="checkbox"/> 6507 <input type="checkbox"/> 8176 <input type="checkbox"/> 12365 <input type="checkbox"/>
2524 <input type="checkbox"/> 4426 <input type="checkbox"/> 6215 <input type="checkbox"/> 6516 <input type="checkbox"/> 8291 <input type="checkbox"/> 16546 <input type="checkbox"/> 12290 <input type="checkbox"/> | |
| 6. Radio Test | HF & VHF Transmission signal reports are satisfactory on all frequencies | <input type="checkbox"/> |
| | Radio Station used for tests _____ | <input type="checkbox"/> |
| 7. ATU HF | ATU effectively tunes HF antenna on all frequencies fitted | <input type="checkbox"/> |
| 8. HF Antenna | HF Antenna in sound mechanical condition | <input type="checkbox"/> |
| 9. Spare HF Antenna | Spare HF Antenna for each radio is kept on board and is easily erected and connected to the ATU | <input type="checkbox"/> |
| 10. Insulators | Insulators on HF antenna of good quality and free from defects | <input type="checkbox"/> |
| 11. Co-axial cable feeder | Feeder is sound and of low loss quality with good connections | <input type="checkbox"/> |
| 12. Radio Earth | Radio Earth system is sound and effective-antenna tunes well | <input type="checkbox"/> |
| 13. Radio Earth Connection | Connection to ATU and Transceiver | <input type="checkbox"/> |
| 14. VHF Radio | Installed in a position protected from the ingress of moisture
Channels 6, 16, 21, 22, 67, 72, 73, 77, 78, 80, 81 and 82 fitted 25 Watt transmit power. MMSI # _____ | |

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|----------------------------------|---|--|
| 15. VHF Antenna | Masthead VHF Antenna in sound mechanical condition | <input type="checkbox"/> |
| 16. VHF Aerial | Spare Aerial is on Board for each radio
and mountings available for ease of installation | <input type="checkbox"/> |
| 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, 78, 80, 81 and 82
VHF Hand Held Radio is Waterproof
Provision for charge or replacement of batteries adequate | <input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/> |
| 19. Documents | Marine Radio Operators Handbook is kept on board
Distress Procedure; Guide for Operators & Call Sign is visible | <input type="checkbox"/>
<input type="checkbox"/> |
| 20. Separate Radio | Capable of receiving weather bulletins (AM/FM Radio) | <input type="checkbox"/> |
| 21. Special Regulations | Yacht complies with Yachting Australia Special Regulations 3.25 Marine Radio | <input type="checkbox"/> |
| 22. Navigation Lights | Yachts navigation lights, working, fitted to conform to Yachting Australia 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 Yachting Australia Special Regulations 2013-2017.

Signed: _____ **Print Name:** _____

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

Name: _____

Company: _____

Contact Ph #: _____