



# THE ROYAL QUEENSLAND YACHT SQUADRON

Sailing Special Regulations 2021 – 2024: 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. YACHT 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

NB: if new HF – DSC Capable

## 5. FREQUENCIES FITTED

2182  4125  4483  6507  8176  12365

2524  4426  6215  6516  8291



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### 6. RADIO TEST VHF & HF

Transmission signal reports are satisfactory on all frequencies

Radio Station used for tests \_\_\_\_\_

Transmission signal reports are satisfactory on the following International Channels:

16       67       72       70       77       81       82   
\_\_       \_\_       \_\_       \_\_

### 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



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### 14. VHF RADIO

Installed in a position protected from the ingress of moisture

Channels 6, 16, 21, 22, 67, 70, 72, 73, 77, 80, 81 and 82 fitted

25 Watt transmit power

NB: if new VHF – DSC Capable

### 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

### 17. CO-AXIAL CABLE FEEDER

Feeder is sound and of low loss quality with good connections

### 18. VHF HAND HELD RADIO

Channels 6, 16, 21, 22, 67, 72, 73, 80 and 81

VHF Hand Held Radio is Waterproof

Provision for charge or replacement of batteries adequate

### 19. DOCUMENTS

Marine Radio Operators Handbook is kept on board

Distress Procedure; Guide for Operators & Call Sign is visible

### 20. SEPARATE RADIO

Capable of receiving weather bulletins (AM/FM Radio)

### 21. SPECIAL REGULATIONS

Yacht complies with Australian Sailing Special Regulations 3.25 Marine Radio



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### 22. NAVIGATION LIGHTS

Yachts navigation lights, working, fitted to conform to AS Special Regulations and IRPCAS

### 23. AIS

AIS Transponder fitted and operational

\_\_\_\_\_ MMSI number

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### 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 Australian Sailing Special Regulations 2017 - 2020.

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

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

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

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

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