



Marine Communications Installation Report and Inspection Form Australian Sailing Special Regulations 2022- for Category 1 - 3 Yachts

Yacht Name		Sail Number	
		Call Sign	
Sat Phone No. <small>(if known at time of inspection)</small>		Secondary Sat Phone No. <small>(if carried)</small>	
Radio Surveyor Name		Location of Check	
Boat Owner/Rep Name		Date of check	

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

CATEGORY 1, 2 and 3

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. 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 NB: if DSC Capable - MMSI Programmed - Connected to GPS Receiver - Able to send and receive alerts	
5. VHF Antenna	VHF Antenna and connections in sound mechanical condition	
6. Spare VHF Antenna	Spare Antenna is on Board for each radio and in sound condition and mountings available for ease of installation	
7. Co-axial cable feeder	Feeder is sound and of low loss quality with good connections	
8. VHF Handheld Radio	Channels 6, 16, 21, 22, 67, 72, 73, 80 and 81 VHF Handheld Radio is Waterproof Provision for charge or replacement of batteries adequate Rated output of 5w	
9. Documents	Marine Radio Operators Handbook is held on board Distress Procedure: Guide for Operators, Sat Phone number & Call Sign and MMSI are visible	
10. Separate Radio	Capable of receiving weather bulletins (AM/FM Radio)	
11. Special Regulations	Yacht complies with Australian Sailing Special Regulations 3.25 Marine Radio	

CATEGORY 1 and 2, or if fitted.

SATELLITE PHONE						
12. Satellite Phone	Securely fastened mounting					
	Connected to vessel's electrical supply (in sound condition) Permanent external aerial in sound condition Function for voice & data (SMS) Function for email (if specified in NOR)					
14. Alternate means of Communication	Emergency antenna or alternate means of sat phone communications on board and in sound condition, separate to the mast					
HF RADIO						
15. HF Radio	Installed in a position protected from the ingress of moisture					
	Rated 100w output NB: if DSC Capable					
	<ul style="list-style-type: none"> - MMSI Programmed - Connected to GPS Receiver - Able to send alerts 					
16. Frequencies Fitted	4125 <input type="checkbox"/>	4483 <input type="checkbox"/>	6215 <input type="checkbox"/>	6516 <input type="checkbox"/>	8291 <input type="checkbox"/>	
17. Radio Test	HF & VHF Transmission signal reports are satisfactory on all frequencies					
	Radio Station used for tests _____					
18. ATU HF	ATU effectively tunes HF antenna on all frequencies fitted					
19. HF Antenna	HF Antenna in sound mechanical condition					
20. Spare HF Antenna	Spare HF Antenna for each radio is kept on board and is easily erected ATU effective on all required frequencies on spare antenna					
21. Insulators	Insulators on HF antenna of good quality and free from defects					
22. Co-axial cable feeder	Feeder is sound and of low loss quality with good connections					
23. Radio Earth	Radio Earth system is sound and effective antenna tunes well					
24. Radio Earth Connection	Connection to ATU and Transceiver					
25. AIS	AIS Transponder fitted, correctly configured and operational AIS emergency antenna (if different to VHF)					
	MMSI number: _____					

Radio Installation Report

I have inspected 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. The installation and equipment conform to requirements described above.

Signed: _____ Print Name: _____ Radio

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

Name: _____ Company: _____ Contact Ph: _____