



Royal Sydney Yacht Squadron – Equipment Audits



Complete this section

CATEGORY 2	Sail Number	Boat Name
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1. Audits for RSYS Members will take place at a time pre-arranged through the Sailing Office. Audits are subject to the availability of an Australian Sailing (AS) and RSYS accredited Equipment Auditor.
2. Equipment Audits shall only be completed on the official forms provided by AS/RSYS.
3. All gear shall be laid out for inspection. Where equipment is not adequately laid out, the Equipment Auditor may refuse to continue the audit. The boat's 'owner' or 'person in charge' shall be in attendance during the audit.
4. Where a boat has '**outstanding items**' still required as part of its audit, it shall be ineligible to race. Outstanding items shall be presented with the audit form to sign off, to an AS/RSYS accredited Equipment Auditor.
5. Under AS Special Regulations 2.02, every boat may be subject to a '**spot check**' equipment audit. A boat whose equipment is found to be non-complying or whose 'owner' or 'person in charge' acts unreasonably in preventing a 'spot check', may be subject to protest by the Race Committee.
6. **Inflatable life jackets** - to be checked annually by an approved servicing agent. Signed and dated proof of service must be provided for each lifejacket.
7. **Fire Extinguishers** - must be checked annually by an approved servicing agent with proof of annual check attached.
8. **Boat Registration** - All boats must be registered with Roads and Maritime Services (RMS).
9. **Safety Check Sticker** – All boats shall display a current RMS safety sticker (issued on completion of audit by an Australian Sailing (AS) and RSYS accredited Equipment Auditor).

RSYS and Roads & Maritime Services Safety Requirements

The items below shall be carried on-board in addition to RRS Australian Sailing (AS) Special Regulations requirements.

To be completed and initialled by the owner or person in charge and an accredited auditor.

Item	Owner/PIC	Auditor
Communications - Operational handheld or installed VHF radio.		
Navigation Lights - Operational navigation lights, either permanent or portable.		
Torch - Operational and waterproof.		
Sound Signalling Device - Whistle, horn or alike.		
RSYS Handbook – A current copy of the RSYS sailing instructions		

**AUSTRALIAN SAILING (AS)
2017-2021 SPECIAL REGULATIONS EQUIPMENT AUDIT FORM**



CATEGORY 2		MONOHULLS		For Offshore Races of long distance near shoreline	
DATE OF AUDIT ____/____/____	SAIL NO:	BOAT NAME:			

Audit form valid until 30 / 06 / _____ (annual audit period July 1 to June 30). Expiry dates to be updated as required at bottom of current page to maintain compliance. Subject to spot checks Special Regulation (SR) 2.02.2.

OWNER DETAILS

OWNER(S) NAME(S):			
OWNER(S) AS NO(S):	OWNER(S) CLUB(S)		

BOAT DETAILS

LH:	BOAT REGISTRATION NO:
DISPL (tonnes):	MARITIME STICKER ISSUED YES NO N/A
HULL COLOUR:	DISTINGUISHING MARKS:
DECK COLOUR:	
MAX CREW:	

RADIO & EPIRB REGISTRATION

SR 3.25 MARINE RADIO:	Marine Transceiver Licence for HF	YES	NO	Registered call sign HF:
SR 4.18.1 EPIRB(s):	Registered	YES	NO	Number of units for boat:
SR 5.05.1 PLBs:	Registered	YES	NO	Number to be hired:

DECLARATION BY PERSON IN CHARGE

I have read and understand my obligations as set out in the AS Special Regulations 2017-2021, in particular SRs 1.02.1, 1.02.2, 1.02.3 (Responsibility of the person in charge), and SR 2.03.1 (Function of equipment). I understand that this audit is carried out only as a guide to persons in charge and race organising authorities. I understand that an auditor does not limit or reduce the complete and unlimited responsibility of the person in charge as defined in SRs 1.02.1, 1.02.2, 1.02.3 and 2.03.1. I undertake that I will maintain in good working order all of the boat's equipment as specified in the AS Special Regulations 2017-2021, and ensure it will be on board for each race.

Signed by Person in Charge:

Date:

OUTSTANDING ITEMS - The equipment listed in the following pages was complete except for the following items

Outstanding Item	Re-Inspected by	AS Auditor No.	Date

EQUIPMENT AUDITOR DECLARATION

I have checked the abovementioned boat in accordance with SR 2.02.2, as summarised in the following list, and the items listed were compliant as per the AS Special Regulations at the time and date of this audit. *(Form not to be signed until outstanding items detailed above have been rectified)*

Audited by AS NEA: (print name)	Signed by AS NEA:
AS Number:	Date:

EARLIEST EXPIRY DATES – indicate 'hire' or not applicable 'n/a' if relevant

ITEM	EARLIEST EXPIRY	UPDATED EARLIEST EXPIRY	AUDITOR	ITEM	EARLIEST EXPIRY	UPDATED EARLIEST EXPIRY	AUDITOR
Radio certificate				Flares parachute			
Fire ext (12 mth.)				Flares red hand			
EPIRB(s)				Flares white hand			
Liferaft(s)				Flares orange hand			
Inflatable lifebuoy(s)				Lifejackets			
Inflatable danbuoy(s)				PLBs			

NOTE: Some clubs will not accept self-servicing of fire extinguishers and lifejackets. Check with the club for specific requirements.

**AUSTRALIAN SAILING (AS)
2017-2021 SPECIAL REGULATIONS EQUIPMENT AUDIT FORM**



CATEGORY 2	MONOHULLS	For Offshore Races of long distance near shoreline
DATE OF AUDIT ____/____/____	SAIL NO: _____	BOAT NAME: _____

This section to be completed and **ticked or initialled** by person in charge (P) and auditor(A). If item not applicable, mark 'n/a' or dash '-'

Reg	Structural/Fixed Deck Items	P	A
2.03.1	Equipment functions & adequate for intended use		
2.03.2	Ballast & heavy equipment secured		
3.06.1	(a) 2 exits, 1 forward of mast (Refer to regulation for minimum clearance)		
3.07.1	(a) No hatches forward of maximum beam open inwards except if size < 0.071 m ² (b) Non-conforming hatches labelled 'Not to be opened at sea'		
3.07.2	(a)(i) Hatches above water when heeled 90° (a)(ii) 4 non-conforming hatches permitted; 2 per side, size < 0.071 m ² (a)(iii) Non-conforming hatches kept shut while racing (b) Hatches capable of being immediately shut; permanently attached lid		
3.07.3	Blocking device for low sill companionway		
3.07.4	(a) Companionway hatch securing arrangement (i) Operable from above and below (ii) Functions independently of blocking devices (b) Blocking devices to be (i) Capable of being retained with hatch open or shut (ii) Secured to boat (e.g. by lanyard) (iii) Permit exit in event of inversion		
3.08.1	Cockpit strong, self-draining, & watertight (3.08.2)		
3.08.3	Bilge pump outlet not connected to cockpit drain		
3.08.7	Number of cockpit drains required: <8.5 m: 2 x 25 mm Age/Series Date pre 07/77 & >8.5 m; 2 x 25 mm Age/ Series Date post 07/77 & >8.5 m; 4 x 20 mm		
3.12.2	Lifelines taut (50 N force applied; ≤ 50 mm deflection)		
3.12.3	Bow pulpits shall be either: (a)(i) Closed and forward of forestay; OR (a)(ii) Open with the forward gap ≤ 360 mm; OR (a)(iii) Open with the gap to any boat part ≤ 360 mm (b) & (d) Bow and stern pulpit top rails same height as upper lifelines (c) Lifelines, stanchions, pulpits effectively continuous deck barrier (f) Pulpits & stanchions permanently installed (g) Pulpit & stanchion bases inboard ≤ 5% of max beam or 150 mm (h) Stanchion bases not outboard (j) Lifelines attached to stanchion inside & overlapping pulpit with gap ≤ 150 mm permitted (k) Stanchions straight, vertical; first 50 mm ≤ 10 mm displ. and angle ≤ 10 deg. from 50 mm above deck.		
3.12.5	Lifeline height, spacing, number comply with table		
3.12.6	(a) Lifelines uncoated stainless steel wire (d) Gap secured by lanyard ≤ 100 mm; Lanyard replaced annually (e) Total lifeline system ≥ strength of required wire		
3.14.1	Toe rail min height 25 mm (age date from 01/81); Toe rail min height 20 mm (age date before 01/81)		
3.20.1	2 manual bilge pumps; 1 above, 1 below operable with boat/seats shut; permanent discharge pipes		
3.20.6	Bilge pump not to discharge into closed cockpit Bilge pump not connected to cockpit drains		
3.20.7	a) Bilge pump minimum suction bore 25 mm b) Bilge pump & strum boxes accessible		
3.20.8	Pump handle each with lanyard or catch unless permanently fitted		
3.21.1	Marine magnetic compass permanently installed, non-electric		
3.21.2	Spare magnetic compass non electric (portable ok)		
3.23	Navigation lights carried complying with IRCAS		
3.25.4	(b) Masthead VHF antenna		
3.28.1	Hull Identification, min 50 mm; name & state rego; OR name, sail number & club		
4.01.1	Sail numbers as per RRS 77 and Appendix G		
4.03.1	(a), (d), & (e) Jackstay attachments port/starboard, strong, through bolted (not around stanchion bases)		

4.03.2	(a) Clipping points through bolted or welded deck plates or other suitable strong points		
	(b) Positioned to clip/unclip from below and move between cockpit and deck		
	(c) Clipping points for 2/3 crew		

Reg	Structural/Fixed Items Below	P	A
3.09.1	(a) Seacocks permanently installed (b) Plugs for each opening attached or stowed nearby		
3.11	Keel stepped mast; heel securely fastened		
3.15.1	Toilet, securely installed (N.B. includes plumbing)		
3.16.1	Bunks, securely fastened, sufficient 50% of crew		
3.16.2	Lee cloths/restraints for fixed bunks		
3.17.1	Cooking stove/heating appliance safe use in seaway e.g. Gimballed with accessible shutoff		
3.17.2	Gas or methylated spirits only fuels for cooking		
3.17.3	(a) "REMEMBER Turn Off Gas At Bottle" sign (b) Gas detection for permanent pilot light		
3.17.5	Disposable gas canisters ≤ 225 grams		
3.17.6	Gas bottle, spare canisters in separate compartment ventilated overboard		
3.17.7	Galley - suitable facilities		
3.18.1	2 permanently installed water tanks or divided compartments with pump		
3.19.1	Handholds below decks		
3.24.1	Inboard engine, tank(s), fuel & exhaust system; permanently installed		
3.24.6	Separate starter battery if electric starter		
3.24.7	Separate generators, if carried, securely covered and permanently installed		
3.24.8	Fuel tank shut off valve/cock if fuel can escape or siphon		
3.24.9	(a) Petrol tanks – see regulation (b) Diesel tanks metal or other certified material (c) Fuel lines comply		
3.25.1	(a)(i)(ii) & (c) Permanently installed HF transceiver (new installations DSC capable) (b)(i)(iii) & (c) Permanently installed VHF transceiver (new installations DSC capable)		
3.26	Batteries sealed type; electrolyte cannot escape		
3.27	Barometer fitted		
4.11	GPS permanently installed, with MOB function		
4.12	Depth Sounder		
4.13.1	Log (other than GPS)		

Reg	Portable Equipment	P	A
3.18.4	Emergency water 1 litre per crew additional		
3.20.9	2 x 8 litre buckets, stout construction with lanyard		
3.23.4	Reserve navigation lights, independent of main power		
3.23.5	Spare bulbs except for multiple LED array		
3.25.2	Handheld VHF transceiver; waterproof		
3.25.5	(a) Emergency HF antenna (a) Emergency VHF antenna		
4.01.2	Portable sail number on separate cloth with lanyards		
4.03.1	(b) Jackstays (1 port, 1 starboard); strength & materials as per regulation		
4.04.1	2 x fire extinguishers 10BE dry powder min or equiv.		
4.04.4	Fire blanket (for cooking device with open flame)		
4.05.1	(a) Anchors & ground tackle as per Table 1 (b) Anchor & warp sizes Table 2 or Table 3 Anchor 1 Type.....kg/size..... Anchor 2 Type.....kg/size..... (c) Primary anchor assembled, attached to tackle		
4.06.1	(i) Watertight spotlight; spare batteries & bulbs if replaceable (ii) 2 x flashlight floating type; spare batteries & bulbs if replaceable		
4.07.2	First aid manual		

