



Royal Sydney Yacht Squadron – Equipment Audits



Complete this section

CATEGORY 4	Sail Number	Boat Name
-------------------	--------------------	------------------

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 4 MONOHULLS		Short Offshore races, close to shore in relatively warm or protected waters, normally held in daylight
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 4.18.1 EPIRB(s) if required by NoR	Registered YES NO	Number of units for boat:	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 over the page 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/CEA:

Signed by AS NEA/CEA:

(print name)

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
Fire ext (12 mth.)				Flares red hand			
EPIRB(s) – if NoR				Flares white hand			
Inflatable lifebuoy(s)				Flares orange hand			
				Lifejackets			

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

CATEGORY 4		MONOHULLS	Short Offshore races, close to shore in relatively warm or protected waters, normally held in daylight
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	(b) Yachts >5.5m LOA with enclosed cabin & carrying fuel or gas below decks: 2 exits, 1 forward of mast		
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)(iii) Non-conforming hatches; 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 (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 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		
3.12.3	(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) Lifeline system ≥ strength of required wire size		
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)		
3.20.4	1 x manual bilge pump		
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		
3.21.1	Marine magnetic compass permanently installed, non-electric		
3.23.1	Navigation lights carried complying with IRPCAS		
3.24.4	If using outboard motor, provision for mounting Outboard motor mounted at all times		
3.24.9	(d) Outboard tanks secured on deck or ventilated compartment; manufacturer supplied or recognised national standard		
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 (a) Clipping points through bolted or welded deck plates or other suitable strong points		
4.03.2	(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		
3.15.2	Toilet or securely fastened bucket		
3.17	Cooking stove/heating appliance securely fastened, safe, accessible shutoff Gas or methylated spirits only fuels "REMEMBER Turn Off Gas At Bottle" sign Gas detection for permanent pilot light Disposable gas canisters ≤ 225 grams Gas bottle, spare canisters in separate compartment ventilated overboard		
3.17	If fitted		
3.19.1	Handholds below decks		
3.24.3	Inboard engine to SR 3.24.1, OR outboard engine with tanks, fuel supply; all securely fastened		
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 (e) Petrol not below decks in portable containers (f) Flexible fuel tank not permitted.		
3.25.1	(b)(i)(iii) & (c) Permanently installed VHF transceiver (new installations DSC capable)		
3.25.7	At least two means of receiving weather bulletins		
Reg	Portable Equipment	P	A
3.18.4	Emergency water 1 litre per crew		
3.20.9	2 x 8 litre buckets, stout construction with lanyard		
3.23.4	Reserve navigation lights, independent of main power		
3.25.5	(b) Emergency VHF antenna where regular antenna relies on mast		
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		
4.06.2	1 x flashlight floating type; spare batteries & bulbs if replaceable		
4.07.2	First aid manual		
4.07.4	First aid kit, waterproof container; contents listed;		
4.07.9	alternative brands permitted		
4.07.9	First aid contents as per list at end of this form		
4.10.1	Charts (not solely electronic), plotting equipment		
4.10.2	Collision Regulations; electronic or hard copy		
4.10.3	Current AS "Racing Rules of Sailing" and "Special Regulations Part 1"; electronic or hard copy		
4.14.1	Emergency tiller if not tiller steered		
4.14.2	Alternative steering method for rudder loss		
4.15.1	Tools, spares parts, effective way to cut rigging		
4.15.2	Bosun's chair or climbing harness		
4.15.3	Sharp knife sheathed, restrained in or near cockpit		
4.16.1	Name on all buoyant equipment & items		
4.16.2	Personal lifejacket marked to identify owner		
4.17	Retroreflective tape on lifebuoys, lifelines, liferafts		
4.21.1	(a) Lifebuoy; self-igniting light, drogue; in reach; OR Lifesling, self-igniting light; in reach		
4.21.4	Lifebuoys, lifelines fitted with retroreflective material		

CATEGORY 4	MONOHULLS	Short Offshore races, close to shore in relatively warm or protected waters, normally held in daylight
DATE OF AUDIT / /	SAIL NO:	BOAT NAME:

4.21.5	Lifebuoys, lifeslings safety colour		
	Waterproof container for flares		
4.22.1	2 x red hand flares		
	2 x white hand flares		
	2 x orange smoke flares		
4.23.1	Heaving line minimum 15 m		
4.24.1	(c) Heavy weather jib; area compliant		
4.24.2	(b) Sheeting positions for heavy-weather sail		
4.24.3	(a) Aromatic polyamides, carbon fibre & similar not used for storm jib, trysail		
4.26	Retrieval method of crew from water		
4.27	V Distress sheet or International signal		
4.28.1	Stowage chart, displayed		
5.01.1	(a) Lifejacket ≥ 150N (not "Mae West"), in service Number (1 per crew)		
	(See regulation for compliance standards)		
5.02.1	(d) Each lifejacket retro tape, whistle		
	Safety harness, line with snap hook each end (≤2 m); 1 per crew Number		
	(See regulation for compliance standards)		

As this form is for national use and portability, please use a separate checklist page for additional club/race organiser requirements.

4.07.9 First Aid Kit Contents List – within expiry					
NON-PRESCRIPTION		P	A	NON-PRESCRIPTION	
Paracetamol 500 mg (e.g. Panadol) or Ibuprofen 200 mg (e.g. Nurofen) x 20				Band-aids or equivalent roll of bandaid x 20	
				Antiseptic skin solution 15 ml (e.g. Betadine) x 1	
Soluble Aspirin (e.g. Disprin) x 20				Antiseptic cream e.g. Medcream x 1	
				Normal saline 250 ml x 1	
Butterfly or Steristrips (strips of 5) x 5				Sunscreen 30+ 250 ml x 1	
Disposable gloves x 20				Seasickness tablets (e.g. Avomine, Travacalm) x 10	
Crepe bandages 75 mm x 1.5 m x 2				Scissors, stainless steel x 1	
Triangular bandage x 1				CPR mask or 6 face shields	
Low absorbency non-adherent dressing/plain gauze (e.g. Melolin) x 10					

Additional Equipment			
Most State laws require carriage of EPIRBs when more than 2 miles offshore. Many clubs will require the auditor to check for an EPIRB.			
Guideline requirements below are based on Category 1-3 Special Regulations. Check club requirements.			
4.18.1	EPIRB 406 MHZ EPIRB		
	GPS capable		
	Registered with relevant authority		
4.18.3	Storage; within battery life; tested; crew trained in use		

END OF FORM

