

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



CATEGORY 1	MULTIHULLS	For Offshore Races of long distance well offshore
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:
				Number to be hired:
SR 5.05.1 PLBs:	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 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			

Trysail or 50% reefing (circle)

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

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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		
3.06.3	2 exits		
3.06.4	(a) 1 x escape hatch per hull with accommodation for ingress/egress in event of inversion		
	(b) Age/Serial Date 07/2010 or later, exit hatch clearance ≥ 450 mm		
	(c) First launch on or after 01/2003, each escape hatch to comply with 3.06.4(b)		
	(d) When inverted each escape hatch above waterline		
	(e) If first launched on or after 01/2001, each escape hatch at or near midships station		
	(f) Catamaran first launched on or after 01/2003 each escape hatch on side of hull nearest centreline		
	(g) Catamaran first launched on or after 01/2003 with central nacelle, underside handholds for all crew		
	(i) Trimaran first launched on or after 01/2003, at least 2 escape hatches as per with 3.06.4(b)		
	(j) Trimaran, handholds underside around central hull for all crew		
	(k) Each escape hatch to have been opened at least once from inside & outside within 6 months of race		
3.06.5 LH <12m	Age Date on or after 07/2006: Exit hatches to comply with 3.06.4(b)		
	Age Date before 07/2006: (a) Each accommodation hull to have tools secured by line & clip to cut escape hatch; and		
	(a) Each accommodation hull to have tools secured by line & clip to cut escape hatch		
	b) Each hull at escape hatch cut out position, sign inside & out "ESCAPE CUT HERE"		
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		
3.07.2	(a)(ii) 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		
3.08.8	Minimum drain sizes 20cm ² per m ³ cockpit		
3.12.1	If design makes it impractical to follow SR for lifeline system, follow as closely as possible to minimise risk of falling overboard		
	If lifelines not continuous, harnesses to be worn and attached when outside cabin		
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 $\leq 5\%$ of max beam or 150 mm		
	(h) Stanchion bases not outboard		
3.12.3	(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.		
3.12.4	Trimaran	(a) Main hull, bow pulpit with lifelines on stanchions around hull	
		(b) If net joins pulpit base, additional lifeline to forward crossbeam	
		(c) At main or emergency steer position on outrigger, lifelines 3m diameter arc around station	
	Catamaran	(d) Lifelines bow to stern each hull	
(d) If no crossbeams, transverse lifelines at extremity of net forward and aft; with 'zig-zag' support material			
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 \geq strength of required wire		
3.13.1	Nets:		
	(a) Essentially horizontal		
	(b) Webbing or woven mesh, openings ≤ 50.8 mm, no risk of foot trapping at hull net junction		
	(c) Solidly fixed at regular intervals; fine stitched to bolt rope		
	(d) Able to carry full crew weight, upright or inverted		
	(e) Individual tie points, not more than 4 per connecting line		
3.13.2	Trimaran Net Double Crossbeam	Nets on each side:	
		(a) Central hull to outriggers	
		(b) Aft of central pulpit to mid forward crossbeam	
		(c) Furthest aft of centre cockpit or steering position to mid aft crossbeam	
	(d) 3.13.2(c) does not apply if coamings &/or lifelines height complies with 3.12.5		
3.13.3i	Trimaran Net Single Crossbeam	Nets between central hull & outriggers, aft end of pulpit, and furthest aft end of cockpit or steering position	
3.13.4	Catamaran	Total net surface limited:	
		(a) Laterally by hulls	
	(b) Longitudinally by forestay base & boom end, but non-immersed central nacelle may satisfy tri requirements		
3.20.1	2 manual bilge pumps; 1 above, 1 below operable with boat/seats shut; permanent discharge pipes		
3.20.2	Provision to pump out all watertight compartments except if impermeable buoyancy		
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 IRPCAS		
3.25.4	(b) Masthead VHF antenna		
3.28.1	Hull Identification, min 50 mm; name & state rego; OR name, sail number & club		
3.28.3	Underside $\geq 2 \times 1$ m ² coloured patches		
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)		
4.03.1	(c) At least 2 jackstays fitted on underside		
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		

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4.03.2	(c) Clipping points for 2/3 crew (d) Trimaran – If rudder on outrigger, clipping points, not part of deck gear or steering mechanism, crew can reach steering mechanism on outriggers clipped on		
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		
3.17.4	Disposable gas canisters ≤ 225 grams		
3.17.5	Gas bottle, spare canisters in separate compartment ventilated overboard		
3.17.6	Galley - suitable facilities		
3.18.1	2 permanently installed water tanks or divided compartments with pump		
3.19.1	Handholds below decks		
3.24.2	Permanently installed engine		
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		
4.09	AIS transponder		
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) 3 x flashlight floating type; spare batteries & bulbs if replaceable		
4.07.1	Ship Captains Medical Guide 21 st edition or later OR WHO Int'l Medical Guide for Ships		
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		
4.08	Foghorn		

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		
4.11.2	Handheld GPS, water resistant, spare batteries		
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, lifeslings, liferafts		
4.18.1	406MHz EPIRB; GPS capable		
4.18.2	Number of EPIRBs ≥ number of liferafts Number of EPIRBs		
4.18.3	(c) Regularly tested (d) Registered with relevant authority Crew trained in use		
4.19.1	Liferaft compliant type as per 4.19.1 and 4.19.2 No. of liferafts..... Total crew capacity.....		
4.19.3	Liferaft stowage (a)(i) Rigid container; on working deck/cockpit; OR (a)(ii) Rigid container or valise stowed in dedicated locker opening to cockpit/working deck/transom; OR (b) If boat launch before 06/2001, valise ≤40kgs stowed below near companionway permitted (c) Liferaft readily deployable whether inverted or not (d) Painter should be made fast to strong point (e) Life raft launch time 15 seconds		
4.21.1	(a) Lifebuoy; self-igniting light, drogue; in reach; OR Lifesling, self-igniting light; in reach (b) Additional lifebuoy, in reach of helmsman (b)(i) Whistle, drogue, self-igniting light (b)(ii) Pole and flag floating 1.8 metres above water, attached to lifebuoy with 3 metres of line		
4.21.2	1 x lifebuoy to be of permanent buoyancy		
4.21.4	Lifebuoys, lifeslings fitted with retroreflective material		
4.21.5	Lifebuoys, lifeslings safety colour		
4.22.1	Waterproof container for flares 6 x red parachute flares 4 x red hand flares 2 x white hand flares 4 x orange smoke flares		
4.23.1	Heaving line minimum 15 m		
4.24.1	(a) Storm jib; area compliant (b) Storm trysail; area compliant OR mainsail reefing 50% of luff (c) Heavy weather jib; area compliant		
4.24.2	(a) Highly-visible colour; OR if purchased before 07/2005, patches 20% of area (b) Sheeting positions for storm, heavy weather sail (c) Storm & heavy weather jib means of attachment to stay independent of any luff-groove device (d) Sail numbers both sides trysail (e) Storm trysail to set with in-mast furling mainsail		
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; 1 per crew, plus minimum 1 spare (f)(I) Number (1 per crew) Number (minimum 1 spare) Total on board: (See regulation for compliance standards) (d) Each lifejacket retro tape, whistle, crotch strap/s (f)(ii) If inflatable, min 1 spare cylinder & (if appropriate) spare auto rearming kit		

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5.02.1	Safety harness, line with snap hook each end (≤2 m); 1 per crew Number		
5.02.2	For 30% of crew (i) Tethers 1m long (in addition to 5.02.1) No OR included in 5.02.1 as follows: (ii) 2 m with midpoint clip OR No (iii) Twin lines, one ≤ 1 m & second ≤ 2 m No		
5.03	Personal light (strobe or SOLAS LSA 2.2.3); 1 per crew Number		
5.05.1	406 MHz Personal Locator Beacon (PLB) with GPS; 1 per crew Number		
5.05.2	(a) PLB Within battery life (b) Regularly tested (c) Registered with relevant authority		
5.05.3	Crew to be trained in use of PLBs		

4.07.9 First Aid Kit Contents List – within expiry date

NON-PRESCRIPTION		P	A	NON-PRESCRIPTION		P	A
Paracetamol 500 mg (e.g. Panadol) or Ibuprofen 200 mg (e.g. Nurofen) x 40				Antacid tabs or liquid (e.g. Mylanta, Gaviscon) x 1			
Soluble Aspirin (e.g. Disprin) x 20				Electrolyte 4.9 g - pkt of 10 (e.g. Gastrolyte) x 1			
Nitrolingual Spray (e.g. Anginine) x 1				Seasickness tablets (e.g. Avomine, Travacalm) x 10			
Butterfly or SteriStrips (strips of 5) x 10				Scissors, stainless steel x 1			
Disposable gloves x 20				Thermometer, clinical x 1			
Crepe bandages 75 mm x 1.5 m x 2				Forceps, splinter x 1			
Crepe bandages 100 mm x 1.5 m x 2				Syringes/needles x 5			
Triangular bandage x 2				Alcohol swabs x 10			
High absorbency non-adherent dressing (e.g. Exu-dry) x 10				Splints for arms & legs			
Low absorbency non-adherent dressing/plain gauze (e.g. Melolin) x 10				CPR mask or 6 face shields			
Band-aids or equivalent roll of bandaid x 20				PRESCRIPTION	P	A	
Sports/Strapping tape 50 mm x 2.5 m (e.g. Leukoplast) x 1				Codeine 8 mg + Paracetamol 500 mg (e.g. Panadeine) x 40			
Antiseptic skin solution 15 ml (e.g. Betadine) x 1				Codeine 30 mg + Paracetamol 500 mg (e.g. Panadeine Forte) x 20			
Antiseptic cream e.g. Medcream x 1				Oxycodone 5 mg (e.g. Endone) x 20 or Oxycodone suppositories 30 mg (e.g. Proladone) x 10			
Normal saline 250 ml x 1				Chloramphenicol eye ointment 1% 4 mg x 1			
Sterile eye patches x 5				Cephalexin 500 mg tabs (e.g. Keflex) x 20			
Clotrimazole cream (e.g. Lamisil, Daktarin) x 1				Silver sulphadiazine cream 100 g (eg Flamazine) x 1			
Hydrogel wound dressing 100 g (e.g. Solosite, Duoderm, Purilon) x 1				Antihistamine 25 mg tabs (e.g. Phenergan) x 25			
Sunscreen 30+ 250 ml x 1				Adrenaline ampoules 1:1000 x 5			
Anti-diarrhoea treatment (e.g. Imodium) x 1				IF NOTICE OF RACE	P	A	
				***Morphine			
				***Naloxone hydrochloride			
				***Ciprofloxacin			
				***Additional 15 syringes			
				***Stapling kit/wound glue			

END OF FORM

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

