

AUSTRALIAN SAILING (AS)
SPECIAL REGULATIONS EQUIPMENT AUDIT FORM



CATEGORY 1	MONOHULLS	For Offshore Races of long distance well offshore
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		
3.01 - 3.05	Section 3 Part 1 – Structural Features, Stability. See Keel and Rudder Inspection Form, and Organising Authority requirements		
3.06.1	(a) 2 exits, 1 forward of mast (Refer to regulation for minimum clearance)		
3.07.1	No hatches forward of maximum beam open inwards except if size < 0.071 m ²		
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)(ii) Non-conforming hatches kept shut while racing		
	(b) Hatches capable of being immediately shut; permanently attached lid		
3.07.3	Non-conforming hatches labelled 'Not to be opened at sea'		
	Blocking device for low sill companionway		
	(a) Companionway hatch securing arrangement		
	(i) Operable from above and below		
	(ii) Functions independently of blocking devices		
	(b) Blocking devices (e.g. washboards)		
	(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		
	(a) Lifelines, stanchions, pulpits effectively continuous deck barrier		
	(b) Minimum heights of lifelines and pulpit rails above working deck, note 1993 Primary Launch or LH ≤ 8.5m		
	(c) Lifelines supported at intervals ≤ 2.20m		
	(d) Pulpits & stanchions permanently installed		
	(e) Pulpit & stanchion bases not inboard by > 150 mm or 5% of Bmax nor outboard of working deck		
	(f) Stanchions straight, vertical; first 50 mm ≤ 10 mm displ. and angle ≤ 10 deg. from 50 mm above deck		
	(g) Bow pulpit opening does not exceed 360mm		
	(h) If applicable, lifelines set inside bow pulpit are adequately braced and terminated		
	(i) Lifelines taut with 4kg applied; ≤ 50mm for upper, ≤ 120mm for intermediate		
	(a) Lifelines uncoated stainless steel wire		
	(b) Loose sleeve permitted		
	(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 IRPCAS		
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		
	Toilet, securely installed		
3.15.1	AS Interpretation 11/12/19 - Chemical toilet permitted, securely installed		
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		
3.17.2	e.g. Gimballed with accessible shutoff		
3.17.3	Gas or methylated spirits only fuels for cooking		
3.17.4	(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. AS Interpretation 26/07/18 - Sink not required		
3.18.1	2 permanently installed water tanks or divided compartments with pump		
3.18.2	Watermaker permitted (in lieu of carrying water at start)		
3.19.1	Handholds below decks		
3.24.1	Electrical or Combustion inboard engine (circle) with applicable support systems permanently installed		
3.24.6	Dedicated starter battery if electric starter is only method of starting		
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	Means to communicate a distress situation, either:		
	(a)(i) Permanently installed HF transceiver (new installations DSC capable); OR		
	(a)(ii) Satellite phone, securely fastened, connected to electrical supply, permanent external aerial		
	(b)(i) Permanently installed VHF transceiver (new installations DSC capable)		
3.25.2	DSC HF & VHF: programmed with MMSI, connected to GPS, capable send/receive alerts – See Marine Communications Inspection Form		
3.26	Batteries sealed type; electrolyte cannot escape		
3.27	Barometer fitted		
	(a) AIS transponder		
3.29.1	(d) & (e) Programmed MMSI & yacht name – See Marine Communications Inspection Form		
3.30 & 4.11.3	GPS permanently installed, with MOB function		
4.12	Depth sounder		
4.13.1	Log (other than GPS)		

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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		
3.25.1	(b)(ii) Handheld VHF transceiver; waterproof		
3.25.5	(a) Emergency HF antenna, independent of mast (if HF required)		
	(a) Emergency VHF antenna		
	(a) Emergency satellite phone antenna or other means to maintain sat phone comms, independent of mast (if satellite phone required)		
	(a) Emergency satellite phone antenna or other means to maintain sat phone comms, independent of mast (if satellite phone required)		
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 1A: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.....		
4.06.1	(c) Primary anchor assembled, attached to tackle		
	(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 ed. or later OR WHO Int'l Medical Guide for Ship (electronic permitted)		
4.07.4	First aid kit, waterproof container; contents listed; alternative brands permitted		
4.07.9	First aid contents as per list at end of this form		
4.08	Foghorn		
4.10.1	Charts (may be 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 battery(s) or alternative means of charging (AS Interpretation 11/12/19 - may be combined handheld VHF)		
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	(a) 406MHz EPIRB; GPS capable		
4.18.2	Number of EPIRBs ≥ number of liferafts		
4.18.3	Number of EPIRBs		
	(a) Stored in an easily accessible, protected location		
	(c) Regularly tested		
	(d) Registered with relevant authority		
4.18.4	Crew trained in use		
4.18.4	Additional EPIRB(s) in liferaft (<u>x</u> or <u>✓</u> - circle) or accessible location (<u>x</u> or <u>✓</u> - circle)		
4.19.1	Liferaft compliant type as per 4.19.1 and 4.19.2		
4.19.3	No. of liferafts..... Total crew capacity.....		
	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		
	(d) Painter should be made fast to strong point		
	(e) Life raft launch time 15 seconds		

4.20.1	A grab bag for each liferaft		
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		
4.23.1	4 x orange smoke flares		
	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) Trysail and storm jib to be highly-visible colour; OR if purchased before 07/2005, patches 20% of area		
	(b) Sheet 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 (square/circle)		
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)(l)		
	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		
5.02.1	(d) From 1/7/23 - Each lifejacket to have sprayhood		
	(f)(ii) If inflatable, min 1 spare cylinder & (if appropriate) spare auto rearming kit		
	Safety harness, line with snap hook each end (≤2 m); 1 per crew		
5.02.2	Number		
	(See regulation for compliance standards)		
	For 30% of crew		
5.03	(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		
5.05.1	Twin lines, one ≤ 1 m & second ≤ 2 m No		
	Personal light (strobe or SOLAS LSA 2.2.3); 1 per crew		
	Number		
5.05.2	(a) 406 MHz Personal Locator Beacon (PLB) with GPS; 1 per crew		
	Number		
	(b) AIS personal beacon recommended. (May be required by Notice of Race). 1 per crew		
5.05.3	Number		
	(c) AIS personal beacon required for double handed 1 per crew		
	Number		
5.05.2	(a) PLB and AIS within battery life		
	(b) Regularly tested		
	(c) Registered with relevant authority (PLB)		
5.05.3	Crew to be trained in use of PLBs and AIS personal beacons		

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DATE OF AUDIT ____/____/____	SAIL NO:	BOAT NAME:	

4.07.9 First Aid Kit Contents List – within expiry date		
NON-PRESCRIPTION	P	A
Paracetamol 500 mg (e.g. Panadol) or Ibuprofen 200 mg (e.g. Nurofen) x 40		
Soluble Aspirin (e.g. Disprin) x 20		
Glyceryl Trinitrate Spray (e.g., Nitrolingual) x 1		
Butterfly or Steristrips (strips of 5) x 10		
Disposable gloves x 20		
Crepe bandages 75 mm x 1.5 m x 2		
Crepe bandages 100 mm x 1.5 m x 2		
Triangular bandage x 2		
High absorbency non-adherent dressing (e.g. Exu-dry) x 10		
Low absorbency non-adherent dressing/plain gauze (e.g. Melolin) x 10		
Band-aids or equivalent roll of bandaid x 20		
Antiseptic skin solution 15 ml (e.g. Betadine) x 1		
Antiseptic cream e.g. Mediacreme x 1		
Normal saline 250 ml x 1		
Sterile eye patches x 5		
Clotrimazole cream (e.g. Canesten, Clonea) x 1		
Hydrogel wound dressing 100 g (e.g. Solosite, Duoderm, Purilon) x 1		
Sunscreen 30+ 250 ml x 1		
Anti-diarrhoea treatment i.e. loperamide (pkt) (e.g. Imodium) x 1		
Antacid tabs or liquid (e.g. Mylanta, Gaviscon) x 1		
Electrolyte 4.9 g - pkt of 10 (e.g. Gastrolyte) x 1		
Seasickness tablets i.e. promethazine theoclate (e.g. Avomine) or dimenhydrinate + hyoscine hydrobromide + caffeine (e.g. Travacalm) x 10		
Scissors, stainless steel x 1		
Thermometer, clinical x 1		
Forceps, splinter x 1		
Syringes/needles x 5		
Alcohol swabs x 10		
Splints for arms & legs		
CPR mask or 6 face shields		
PRESCRIPTION	P	A
Codeine 30 mg + Paracetamol 500 mg (e.g. Panadeine Forte) x 20		
Oxycodone 5 mg (e.g. Endone) x 20 or Oxycodone suppositories 30mg (e.g. Proladone) x 10		
Chloramphenicol eye ointment 1% 4 g (e.g. Chlorsig or Chloromycetin) x 1		
Cephalexin 500 mg tabs (e.g. Keflex) x 20		
Silver sulphadiazine cream 100 g (e.g. Flamazine) x 1		
Antihistamine tablet i.e. promethazine 25 mg (e.g. Phenergan) x 25		
Adrenaline ampoules 1:1000 x 5		
IF NOTICE OF RACE	P	A
***Morphine 10 mg/1 ml x 10		
***Naloxone hydrochloride ampoules 400 mcg/ml x 5		
***Ciprofloxacin 500mg (e.g. Ciproxin, C-Glox) x 14		
***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

