

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



CATEGORY 2	MULTIHULLS	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) CLUB(S):	

BOAT DETAILS

LH:		BOAT REGISTRATION NO:
DISPL (tonnes):		VARIABLE (WATER) BALLAST: YES NO
HULL COLOUR:		FIXED KEEL ONLY or CENTREBOARD or DAGGERBOARD (circle)
DECK COLOUR:		DISTINGUISHING MARKS:
MAX CREW:		

RADIO & EPIRB REGISTRATION

SR 3.25 MARINE RADIO: HF radio and/or Satellite phone (Circle) OR VHF Only (Circle) as per Notice of Race 3.25.1(iii)	Registered call sign HF: Satellite phone no:
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 current AS Special Regulations (<https://www.sailingresources.org.au/safety/specialregs/>), 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 current AS Special Regulations, 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 2.02.1, 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
Fire ext (12 mth.)				Inflatable lifebuoy(s)			
EPIRB(s)				Inflatable danbuoy(s)			
Liferaft(s)				Lifejackets			
Flares parachute				PLBs			
Flares red hand				AIS personal beacons			
Flares white hand				Office Use – Auditor check not required			
Flares orange hand				Radio certificate			
Trysail or 50% reefing (circle)				Keel/rudder certificate			

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		
3.01 - 3.05	Section 3 Part 1 – Structural Features, Stability. See Keel and Rudder Inspection Form, and Organising Authority requirements		
3.06.3	2 exits		
3.06.4 LH ≥12m	(a) 1 x escape hatch per hull with accommodation for ingress/egress in event of inversion		
	(b) Age/Series Date 07/2010 or later, exit hatch clearance ≥450mm		
	(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	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		
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	Non-conforming hatches labelled 'Not to be opened at sea'		
3.07.4	Blocking device for low sill companionway		
	(a) Companionway hatch securing arrangement		
	(i) Operable from above and below		
	(ii) Functions independently of blocking devices		
3.08.1	(b) Blocking devices to be		
	(i) Capable of being retained with hatch open or shut		
	(ii) Secured to boat (e.g. by lanyard)		
3.08.1	(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) Upper aft lifelines ≥ height stern pulpit (≥ 600 mm)		
	(c) Lifelines, stanchions, pulpits effectively continuous deck barrier		
3.12.3	(c) Lifelines supported at intervals ≤ 2.20 m		
	(f) Pulpits & stanchions permanently installed		
3.12.3	(g) Pulpit & stanchion bases inboard ≤ 5% of max beam or 150 mm		
3.12.3	(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	Double lifelines minimum, upper ≥ 600 mm (450 mm if LH < 8.5 m), intermediate openings ≤ 380 mm, intermediate lifeline ≥ 230 mm above working deck		
	(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		
3.13.1	Lifeline size minimum: LH < 8.5 m: 3 mm; LH 8.5 m – 13 m: 4 mm; LH > 13 m: 5 mm		
	Nets:		
	(a) Essentially horizontal		
	(b) Webbing or woven mesh, openings ≤ 50.8mm, no risk of foot trapping at hull net junction		
	(c) Solidly fixed at regular intervals; fine stitched to bolt rope		
3.13.2	Trimaran Net Double Crossbeam	(d) Able to carry full crew weight, upright or inverted	
		(e) Individual tie points, not more than 4 per connecting line	
		Nets on each side:	
		(a) Central hull to outriggers	
3.13.2	Trimaran Net Double Crossbeam	(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 ≥ 2 x 1 m ² coloured patches		
4.01.1	Sail numbers as per RRS 77 and Appendix G		

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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				
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)				
	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				
3.24.2	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	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				
3.29.1	(a) AIS transponder				
	(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)				
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				
3.25.5	(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.....				
	(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				
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 battery(s) or alternative means of charging (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				
	Number of EPIRBs				
4.18.3	(a) Stored in an easily accessible, protected location				
	(c) Regularly tested				
	(d) Registered with relevant authority				
	Crew trained in use				
4.18.4	Additional EPIRB(s) in liferaft (<input type="checkbox"/> or <input checked="" type="checkbox"/> - circle) or accessible location (<input type="checkbox"/> or <input checked="" type="checkbox"/> - circle)				
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				
	4 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				

