

Yachting Australia
2013-2017 YA SPECIAL REGULATIONS EQUIPMENT AUDIT FORM[©]



CATEGORY 2		MULTIHULLS		For Offshore Races of long distance well offshore	
DATE OF AUDIT ____/____/____		SAIL NO:		BOAT NAME:	

Audit Form valid until 30th June next from the date of this form 30 / 06 / _____, or _____ / _____ / _____ whichever is the earlier. Subject to spot checks Regulation 2.02.2

OWNER DETAILS

OWNER/S NAME:			
OWNER/S YA NO:		OWNER/S CLUB	

BOAT DETAILS

LOA:		DISPL (tonnes):	
HULL MATERIAL:		HULL COLOUR:	
DECK MATERIAL:		DECK COLOUR:	
MAX CREW:		DISTINGUISHING MARKS:	
RMS (MARITIME) HULL REGISTRATION NO:			
RMS (MARITIME) STICKER ISSUED	YES NO		


AMSA/ACMA REGISTRATION

SR 3.25 MARINE RADIO:	ACMA Marine Transceiver Licence for HF	YES NO	Registered call sign HF:
SR 4.18.1 EPIRBS :	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 OWNER/PERSON IN CHARGE

I have read and understand my obligations as Owner/Person in Charge set out in the YA Special Regulations 2013-2017, in particular 1.02.1, 1.02.2, 1.02.3 Owner's Responsibility, and 2.03.1(a) Function of equipment. I understand that this audit is carried out only as a guide to Owners/Persons in Charge and Race Organising Authorities. An Auditor does not limit or reduce the complete and unlimited responsibility of the Owner/Person in Charge as defined in Special Regulations 1.02.1, 1.02.2, 1.02.3 and 2.03.1.

I undertake that all of the boat's equipment as specified in the YA Special Regulations 2013-2017 will remain on the boat and continue to be in good working order and repair for the duration of each and every race.

Items designated with a shaded box  are for the Owner/Person in Charge to ensure compliance when racing and must be initialled by the Owner/Person in Charge.

Signed by Owner/Person in Charge

Date

EQUIPMENT AUDITOR DECLARATION

I have checked the abovementioned boat in accordance with 2.02.2 summarised in the following list, and the items listed were found to be on board, and as per the regulations at the time and date of this Audit. Outstanding items are detailed below.

Audited by (print name):	Signed by Equipment Auditor:
YA Number:	Date:

OUTSTANDING ITEMS - The Equipment listed over the page was complete except for the following items

Equipment Outstanding	Re-Inspected by	YA Auditor No.	Date

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This Section to be completed and **initialled** by Owner /Person in Charge(O) and Auditor/Inspector (EA)

Reg	Equipment	O	EA
2.03.1	Equipment functions & adequate for intended use		
2.03.2	Ballast & heavy equipment secured		
3.06.3	2 exits per accommodation hull		
3.06.4 LOA 12m or more	(a) 1 x escape hatch per accommodation hull in the event of inversion		
	(b) Exit hatch clearance ≥450mm for Age/Series Date 07/2010 or later		
	(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 in accord with 3.06.4(b)		
	(j) Trimaran handholds underside around central hull handholds 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 LOA less 12m	Age Date on after 07/2006 to comply with 3.06.4(b)		
	Age Date 07/2006 Or later		
	(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	Hatches or ports open outward if forward of max beam, except if less than 0.071m ²		
3.07.2	(a) i Hatches above water when heeled 90°		
	(a) ii 4 non complying permitted; 2 per side, size < 0.071m ²		
	(a) ii Kept shut while racing		
	(b) Capable of being immediately shut; permanently attached lid		
	(c) Age/ Series Date later than 07/2010 statement of downflooding analysis on board		
3.07.3	Blocking device for low sill companionway		
3.07.4 (a)	Companionway hatch strong securing arrangement securing hatch in closed position		
	(i) Operable from above and below		
	(ii) Functions independently of blocking devices		
3.07.4 (b)	Blocking Devices		
	(i) Retained hatch open or shut		
	(ii) Secured to boat by lanyard		
	(iii) Permit exit in event of inversion		
3.08.1	Cockpit strong, self draining at all angles of heel, permanent and integral part of hull		
3.08.2	Cockpit essentially watertight		
3.08.3	Bilge pump outlet not connected to cockpit drain		
3.08.4	Cockpit sole 2% waterline length (LWL) above LWL		
3.08.5	Wells-bow, lateral, central, stern, included in cockpit volume		
3.08.6	Cockpit volume complies with formula		
3.08.8	Minimum drain sizes 20cm ² per m ³ cockpit		
3.09.1	(a) Sea cocks permanently installed.		
	(b) Plugs for each opening attached/ stowed near		
3.10.1	Sheet winches operator not below deck		
3.11.1	Keel stepped mast; heel securely fastened		
3.12.2	Lifelines taut (50N force applied; ≤ 50mm deflection)		
3.12.3 (a)	(i) Closed bow pulpit forward of forestay; OR		
	(ii) Forward gap open bow pulpit less than 360mm; OR		
	(iii) Forestay in or forward of gap; gap between forestay & bow pulpit less than 360mm		
	(b) Stern pulpit top rail no lower than upper lifelines at forward cockpit station		
	(c) Lifelines, stanchions continuous deck barrier		
	(d) Pulpit top rails no lower than upper lifelines		
	(e) Openable upper rails able to be secured whilst racing		
	(f) Pulpits & stanchions permanently installed		
	(g) Pulpits & stanchion bases inboard no more than greater of 5% of max beam or 150mm		
	(h) Stanchion bases not outboard		
	(i) Lifeline terminals may be aft of working deck if lifeline enclosure within working deck		
	(j) If lifelines not fixed to bow pulpit, gap < 150mm		
	(k) Stanchions straight, vertical or angled not more than 10 degrees from 50mm 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, lifelines 3m diameter arc	
	Cataraman	(d) Lifelines bow to stern each hull.	
		(d) If no crossbeams, transverse lifelines with zigzag strop	
3.12.5	Lifeline height, spacing, number comply with table		
3.12.6	(a) Lifelines uncoated stainless steel wire		
	(b) Lifeline coating not moulded to wire		
	(d) Gap secured by lanyard 100mm or less Lanyard replaced annually		
	(e) Strength lifeline system, wire size comply		
3.13.1 Nets	(a) Essentially horizontal;		
	(b) Webbing or woven mesh, openings less than 50.8mm, no risk of foot trapping at hull net junction		
	(c) Solid fixed at regular intervals, fine stitched to bolt rope		
	(d) Carry full crew weight in normal work or inverted		
	(e) Individual tie points, not more than 4 per line		
3.13.2 Net Double Crossbeam Tri		(a) Central hull to outriggers	
		(b) Aft centre pulpit to mid forward crossbeam	
		(c) Aft centre cockpit to mid aft crossbeam	
		(d) 3.13.2(c) does not apply if coamings &/or lifelines height complies with 3.12.5	
3.13.3 Tri	Net Single Crossbeam	Central hull to outriggers, aft end of pulpit and aft end of cockpit	
3.14.4 Cat	Total net surface area limit	(a) Laterally by hulls	
		(b) Longitudinally by forestay base & boom end but non immersed central nacelle may satisfy tri requirements	
3.15.1	Toilet, 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 eg. gimballed		
3.17.2	Cooking stove/heating appliance securely fastened, accessible shutoff		
3.17.3	Gas only permitted for cooking		
	Methylated spirits acceptable for cooking		
3.17.4	(a) "REMEMBER to turn off Gas" sign		
	(b) Gas detection system if appliance has a pilot light.		
3.17.5	Disposable gas canister to be 225 gms or less		
3.17.6	Gas bottle, spare canisters in separate, ventilated, self draining locker, vapour can escape overboard		
3.17.7	Galley suitable facilities		
3.18.1	Permanently installed water tanks/ divider/ pump		
3.18.2	At least 2.5 ltrs per crew per 100 miles		

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3.18.4	Emergency drinking water 9 ltrs additional to 3.18.2				
3.19.1	Handholds below decks				
3.20.1	2 manual bilge pumps; 1 below deck, 1 above deck, each operable with all cockpit seats, hatches & companionways shut; permanent discharge pipes				
3.20.2	Pump out for all watertight compartments				
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 25mm b) Bilge pump & strum boxes accessible				
3.20.8	Pump handle each with lanyard or catch unless permanently fitted				
3.20.9	2 x 8ltr buckets stout construction with lanyard				
3.21.1	Marine magnetic compass permanently installed, non electric, and ship's compass deviation card				
3.21.2	Spare magnetic compass non electric				
3.22.1	Minimum 2 halyards per mast				
3.23.1	Navigation lights carried complying with IRLCAS				
3.23.2	Not masked by sails or heeling				
3.23.3	Not mounted below deck level				
3.23.4	Reserve navigation lights; Independent of main power				
3.23.5	Spare bulbs except for multiple LED array lamps				
3.24.2	Permanently installed engine				
3.24.5	Minimum speed, charging & fuel comply				
3.24.6	Separate starter battery				
3.24.7	Separate generators, if carried & permanently installed; covered; all exhaust, fuel supply & tank also permanently installed				
3.24.8	Fuel tank shut off valve/ cocks(s) if fuel can escape or siphoning possible				
3.24.9	(a) Inboard petrol tanks permanently installed, metal, vented to open air, electrically grounded, filler position prevents fuel/vapour entering boat (b) Diesel tanks metal or other certified material (c) Fuel lines comply				
3.25.1	(a) i Permanently installed HF; distress frequencies (b) i Permanently installed VHF transceiver (a) ii All new HF & (b) iii new VHF installations from 1/7/2013 to be DSC capable (a) iv VHF only permitted, subject to available shore facilities for entire course and Notice of Race				
3.25.2	Handheld VHF receiver; waterproof				
3.25.6	(a) 5W minimum output				
3.25.4	(a) VHF minimum power 25 watts (b) Masthead antenna if mast 11m above water (c) Transmission test over 8 nautical miles minimum				
3.25.5	Emergency antenna each required radio				
3.25.3	HF; VHF & handheld VHF tested as per NoR				
3.25.4	[Note- YNSW Radio Inspection Form is available for use]				
3.25.6					
3.25.7	Radio receiver for weather bulletins				
3.25.9	1 radio operators to hold (a) MROCP or (d) RROCP				
3.26.1	Batteries sealed type; electrolyte cannot escape				
3.27.1	Barometer fitted				
3.28.1	Hull Identification, minimum 50mm; name, club & sail number OR name & State Marine Authority rego				
3.28.3	Underside 2 x 1m ² coloured patches				
4.01.1	Sail numbers as per RRS Appendix G				
4.01.2	Sail numbers; on separate cloth, eyelets & lashings				
4.02	Plugs through hull openings (SR 3.09)				
4.03.1	(a) Port & starboard attached to strong points permit clipping on without leaving cockpit (b) 1x19 stainless wire 5mm min diameter or equivalent strength spectra rope or webbing (d) Lashings & fastenings equivalent strength to jackstays (e) Not to use stanchion bases for attachment				
4.03.2	Clip Points				
4.04.1	(a) Fire extinguishers 2x10BE AS1841.5/ 1841.6, readily accessible. Inspection date/...../..... (d) Fire blanket if cooking facilities				
4.05.1	(a) Anchor & ground tackle as per Table 1 (b) Anchor & warp sizes as per Table 2 or Table 3 Anchor 1 Type.....kgs..... Anchor 2 Type.....kgs..... (c) Primary anchor assembled, attached to tackle (d) Strong point for bitter end				
4.06.1	2 x flashlight floating type, spare batteries & bulbs; Including 1 flashlight suitable for signalling				
4.07.2	First aid manual				
4.07.4	First aid kit, waterproof container; alternative brands permitted; contents listed				
4.07.9	1 currently qualified First Aiders				
4.07.9	First aid contents as per list at end of this form				
4.08	Foghorn				
4.10.1	(a) Charts (not solely electronic), plotting equipment (c) List of lights or charts with light details				
4.10.2	International Collision Regulations current edition				
4.10.3	YA Racing Rules of Sailing 2013-2016				
4.11.1	GPS permanently installed				
4.11.2	2nd GPS handheld, water resistant, spare batteries				
4.12	Depth Sounder				
4.13.1	Log (other than GPS)				
4.14.1	Emergency tiller if not tiller steered				
4.14.2	Alternative steering method				
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 PFD marked to identify owner				
4.17.1	Retro-reflective tape on lifebuoys, lifelines, liferafts				
4.18.1	406MHz EPIRB & current registration label attached				
4.18.2	Number of EPIRBs not less than number of liferafts Number of EPIRBs				
4.18.3	EPIRBs 406 MHz (a) Stored near companionway (b) Battery exp date/s...../...../...../...../..... (c) Regularly tested (d) Registered in boat's name Crew trained in use				
4.18.5	(b) EPIRB GPS capable from 1/7/2015				
4.19.1	Liferaft compliant type as per 4.19.1 No. of liferafts.....Total crew capacity.....				
4.19.2	(a) Liferaft stowage; transportable container; on working deck/cockpit OR (b) Transportable container or valise stowed in purpose built compliant rigid compartment opening to cockpit or working deck OR (c) Age/Series Date of yacht prior 06/2001 valise not more 40kgs stowed near companionway below permitted (d) Stowage for liferaft to be readily removed or launched whether upright or inverted (e) Painter should be made fast to strong point (f) Consider stowage to permit removal and launching when inverted				

4.19.3	(a) Life raft launch Time 15 seconds (b) Life raft > 40kgs should be able to be launched by no significant lifting			(b)	(ii) Equivalent standard eg. (ISO 12401) (iii) Each branded with standard approval mark		
				5.02.1	(c)Snap hook at each end of safety line		
4.19.4	(a) Life raft annual/other period service certificate/s; on board; Certificate exp date/s/...../...../...../..... (b) construction specification stated on certificate			5.02.2 Safety Lines	Additional to 5.02.1(b) for 30% of crew; Total (i) 1m long; OR (ii) 2m with midpoint clip; OR (iii) twin lines, 1not less than 1m & other not more than 2m		
4.21.1 Life Buoys	(a) Lifebuoy; self igniting light, drogue; in reach OR Lifesling, self igniting light without drogue; in reach (b) Additional lifebuoy, in reach of helmsman; (b) i Whistle, drogue, self igniting light (b) ii Pole and flag floating 1.8m above water attached to lifebuoy 3 metres of line			5.02.3	Each PFD & harness compatible, fitted & adjusted		
4.21.2	1 x lifebuoy to be of permanent buoyancy			5.03.1	Personal light (strobe or SOLAS LSA2.2.3); Carried or attached to each crew on deck at night Number		
4.21.3	Inflatable lifebuoy exp date/...../..... Inflatable pole test exp date/...../.....			5.05.1	406 MHz Personal Locator Beacon registered with AMSA (current label attached); Number Carried or attached to each crew on deck		
4.21.4	Lifebuoy & lifesling fitted retro-reflective material			5.05.2 PLBs	(a) Within battery life (b) Regularly tested to ensure they work (c) Registered with AMSA in user's name		
4.21.5	Lifebuoy & lifesling safety colour yellow-red range			5.05.3	Crew to be trained in use of PLBs		
4.22.1 Flares	Waterproof container 4 x red parachute 4 x red hand 2 x white hand 4 x orange smoke Earliest expiry date/...../.....			5.05.3	(b) 406 MHz PLBs GPS capable as from 1/7/2015		
4.23	Heaving line minimum 15m						
4.24.1	(a) Storm jib; area compliant (c) Heavy weather jib; area compliant						
4.24.2	Trysail or reefing to 50%						
4.24.3 Storm sails	(a) Highly-visible colour if purchased after 07/2005; or if purchased prior, highly-visible colour or patches 20% of area (b) Rotating wing mast used in lieu of trysail highly coloured visible patch each side of mast (c) Sheeting positions storm, heavy weather sail (d) Storm or heavy weather jib alternate means of attachment independent of luff groove device (e) Sail nos both sides trysail or rotating wing mast (f) Storm trysail to set with in-mast furling mainsail						
4.24.4	(a) Aromatic polyamides, carbon fibre & similar not in storm jib, trysail						
4.26.1	Retrieval method of crew from water						
4.27.1	V Distress sheet or International signal						
4.28.1	Stowage chart, displayed						
5.01.1	(a) 1 x PFD per crew (not Mae West) Total (b) All PFDs 150N or higher to ISO 12402-3 (level 150) or equivalent (d) Worn on deck at between sunset/sunrise						
5.01.2	(i) Each PFD to AS 4758-2008 (minimum level 150); OR (ii) AS1512-1996 minimum 150N; OR (iv) Equivalent or more stringent overseas standard (v) Branded with standard mark of approval						
5.01.4 PFD	(i) Marine grade retro-reflective tape (ii) Whistle attached (iii) Crotch or thigh straps fitted						
5.01.5	PFD if inflatable, compressed gas system						
5.01.6	Inflatable PFDs, Service date/s list all/...../..... (x)/...../..... (x)/...../..... (x)						
5.01.7	Each non inflatable PFD annual check						
5.01.8	Spare PFD as required in SR 5.01.1(b), for at least 10% of total persons on board (minimum 1) Number of spares carried						
5.02.1 (a)	Safety harness, line (not more 2m long);1 per crew Number						
5.02.1	(i) Each harness & line to AS2227 OR						

4.07.9 FIRST AID KIT CONTENTS LIST	
Paracetamol 500mg (eg Panadol) or Ibuprofen 200 mg (eg Nurofen) x 40	Chloramphenicol eye ointment 1% 4 gm x1
Codeine 8mg + Paracetamol 500mg (eg Panadeine) x 40	Sterile eye patches x 5
Codeine 30mg + Paracetamol 500mg (eg Panadeine Forte) x 20	Cephalexin 500 mg tabs (eg Keflex) x 20
Oxycodone 5mg (eg Endone) x 20 or Oxycodone suppositories 30mg (eg Prolozone) x 10	Clotrimazole cream (eg Lamisil, Daktarin) x 1
***Morphine injections 10mg/ 1ml x 10 (NoR)	Hydrogel wound dressing 100gm (eg Solosite, Duoderm, Purilon) x 1
***Naloxone hydrochloride ampoules 400 mcg/ml x 5 (NoR)	Sunscreen 30 + SPF - 250 ml x 1
Soluble Aspirin (eg Disprin) x 20	Anti-diarrhoea treatment (pkt) (eg Imodium, Lomotil) x 1
Nitrolingual Spray (eg Anginine) x 1	Electrolyte replacement 4.9 g - pkt of 10 (eg Gastrolyte) x1
Butterfly or Steristrips (Strips of 5) x 10	Travel/seasickness tablets (eg Avomine, Travacalm) x10
Disposable Gloves x 20	Prochlorperazine suppositories (eg Stemetil) x 5
Crepe bandages 75mm x 1.5m x 2	Antihistamine 25 mg tabs (eg Phenergen) x 25
Crepe bandages 100mm x 1.5m x 2	Adrenaline ampoules 1:1,000 x 5
Triangular bandage x 2	Scissors, stainless steel x 1
High absorbency non-adherent dressing (eg Exu-dry) x 10	Thermometer, clinical x 1
Low absorbency non-adherent dressing (eg Melolin) x 10	Forceps, splinter, stainless x 1
Band-aids or equivalent roll of bandaid x 20	Disposable syringes/needles 2ml/23G X 1 1/4 inches x 20
Sports/Strapping tape 50mm x 2.5m (eg Leukoplast) x 1	Alcohol swabs for injection preparation x 10
Antiseptic skin solution 15ml (eg Betadine) x1	Malleable or fixed splints for arms and legs x1
Antiseptic cream with lignocaine HCL (eg Medicreme) x 1	1 x CPR mask or 6 x face shields
Normal saline (for washing) - 250ml x 1	
Items designated *** by the SRs as per the Notice of Race	

CATEGORY 2	MULTIHULLS	For Offshore Races of long distance well offshore
DATE OF AUDIT ____ / ____ / ____	SAIL NO:	BOAT NAME:

ADDITIONAL ITEMS, if any, REQUIRED BY NoR		

END OF FORM