



Melbourne Trailable Yacht Club

Season 2021-2022

Sailing Safety Compliance Declaration & Checklist

DECLARATION BY OWNER OR OWNER'S REPRESENTATIVE:

*I have read and understand my obligations as set out in **Part 1** of the Australian Sailing Special Regulations Effective 1 July 2021, in particular 1.02.1, 1.02.2 and 1.02.3 – Responsibility Of The Person In Charge.*

I understand that receipt of this Declaration by the Host Club does not imply any responsibility of the Club for the seaworthiness and completeness of safety equipment for the boat.

I understand that an auditor does not limit or reduce the complete and unlimited responsibility of The Person In Charge, as defined in SR's 1.02.1, 1.02.2, and 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 Effective 1 July 2021, and ensure it will be on board for each race.

Signed: **Date:**
The Person In Charge.

Declaration received by: **Date:**

Required information

Boat Name Sail Number

Design/Class

Hull ColourDeck ColourVessel Registration Number.....

Skipper/Owner

AS Membership Number.....

Tick the relevant box in the RH column for each clause to indicate compliance or N/A not applicable.

Clause	Item Description	Cat 5	Cat 5N
2.03.1	All equipment shall function correctly, be maintained correctly and readily accessible.		
2.03.2	Heavy items to be securely installed and fastened.		
3.01.1	Boat shall be soundly constructed, well maintained, and suitable for the event.		
3.01.2	Trailable boat not complying with 3.04 or 3.08 shall be buoyant to support the boat, its crew and stores above the water when fully swamped.		
3.01.5	If moveable ballast is used the tanks shall be permanently installed.		
3.01.6	Manual control and actuation of moveable ballast systems.		
3.02.1	Hull, deck, hatches and windows can be made watertight		
3.02.2 (b) & (c)	Centre board and dagger board trunks shall be watertight		
3.02.3(a) & (b)	Positive hold-down lock on movable keels and centreboards which shall be locked down at all times, unless >80% ballast is in fixed keel or hull.		
3.02.3(c)	Boats not complying with 3.04.1 and 3.04.2 (stability) shall not lift centreboards or keels whilst racing.		
3.04.1	Boat to be designed and built to resist capsize per Appendix B		
3.06.1(b)	Boats 5.5 m LH and longer of any Age Date and with enclosed cabins which carry any liquid fuel or gas below decks while racing shall have two exits as in 3.06.1(a).		
3.07.1	No hatch, window or port forward of the maximum beam station shall have a lid or cover that opens inwards, except ports with an area less than 0.071 m2.		
3.07.2.(a)i	Hatches, windows or ports to be above the water when hull heeled 90°		
3.07.2(a)iii	Non-conforming hatches must be each <0.071 m2 and kept firmly shut while racing.		
3.07.2(b)	Hatches or ports capable of being immediately shut by a permanently attached lid or cover that will remain attached in a 180° capsize.		
3.07.3	Hatches, windows or ports not conforming with 3.07.1 and 3.07.2 are permitted if clearly labelled and used in accordance with the following instruction "NOT TO BE OPENED AT SEA".		
3.07.4	A low sill companionway shall be fitted with a blocking device (e.g. washboard) up to the level of the local sheerline		
3.07.4(a)	Companionway hatch securing arrangement (e.g. latch) capable of securing hatch closed		
3.07.4(a)i	Operable from above and below including when inverted		
3.07.4(b)	Companionway hatch blocking device (e.g. washboards) to:		
3.07.4(b)i	Be capable of being retained with hatch open or shut		
3.07.4(b)ii	Be secured to the boat (e.g. by lanyard)		
3.07.4(b)iii	Permit exit in event of an inversion		
3.08.1 & 3.08.2	Cockpit to be strong, self-draining and watertight		
3.08.3	Bilge pump outlet shall not be connected to cockpit drain		
3.08.4	A cockpit sole shall be at least 2% LWL above LWL		
3.08.5	Bow, lateral, central or stern wells are considered as cockpits for purposes of 3.08		
3.08.7	Monohulls: Number and size of cockpit drains as per table: <8.5m 2 x 25 mm or equivalent, >8.5m and built >1977, 4 x 20 mm or equivalent		
3.08.8	Multihulls: Minimum cockpit drain sizes 20 cm2 per m3 of cockpit		
3.09.1(a) & (b)	Seacocks or valves on all through-hull openings below LWL except speed indicators and depth finders, but a means of closing be provided such as a wooden or rubber plug, attached or stowed nearby.		
3.10	Sheet winches shall be mounted in such a way that an operator is not required to be substantially below deck.		
3.12.3(d) to (k)	Pulpits and stanchions shall be securely attached to boat and comply with sections (d,e,f,g,h,i,j,k) of this clause. Refer to SR 3.12.3 for details.		
3.12.6 (a) to (e)	Lifelines shall comply with all sections (a,b,c,d,e) and Table of this clause. Uncoated stainless steel wire, minimum diameter as per table. Refer to SR 3.12.6 for details.		
3.15.2	Toilet or securely fastened bucket shall be provided (Cat 5N <u>and</u> Cat 5 – MTYC requirement).		

Clause	Item Description	Cat 5	Cat 5N
3.17.2	Cooking stove/heating appliance where installed securely fastened with fuel shutoff		
3.17.3 (a) & (b)	Cooking only with gas or methylated spirit fuels, not petrol or similar low flash point fuels.		
3.17.4(a)	"Remember Turn off Gas at Bottle" sign near gas appliance		
3.17.4(b)	Boats equipped with gas systems using permanent flames, e.g. a pilot light, shall be fitted with a combustible gas detection system.		
3.17.5	Disposable Gas canisters less than 225 grams capacity		
3.17.6	Gas bottles, cylinders and reserve canisters shall be contained in separate ventilated and self-draining compartments		
3.18.4	Emergency drinking water at least 1 litre per crew member in dedicated container(s)		
3.19.1	Adequate handholds in cabin		
3.20.5	One manual bilge pump if space below floor inadequate for bailing with bucket		
3.20.6	Bilge pump only discharge into cockpit if cockpit opens aft to sea, bilge pump shall not be connected to cockpit drains		
3.20.7(a) & (b)	Bilge pump minimum suction bore 25 mm, readily accessible for maintenance and for cleaning out debris.		
3.20.9	Two buckets of stout construction (each 8 litre min) with lanyards		
3.22	At least two halyards in each mast		
3.23.1	Night: Navigation lights complying with IRPCAS and light output equivalent to Table		
3.23.2	Night: Navigation lights mounted so not masked by sails or heeling of boat		
3.23.3	Night: Navigation lights not mounted below deck level or lower than immediately under upper lifeline		
3.23.4	Night: Reserve navigation lights capable of quick mounting and independent of main power supply.		
3.24.3	Engine, permanently installed or outboard motor, with tanks and fuel supply system securely fastened		
3.24.4	Outboard engine shall be mounted at all times and the mounting may be raised but not removed.		
3.24.5(a)	Engine power sufficient to provide a minimum speed against a 12 knot headwind: Knots = $1.8 \times \sqrt{\text{LWL}}$ in metres i.e. LWL 5m 4.0kt; 6m 4.4kt; 7m 4.8kt; 8m 5.1kt		
3.24.5(b)	Minimum fuel carried to enable motoring at the defined minimum speed in 3.24.5(a) for 4 hours.		
3.24.5(c)	Recommended that minimum fuel carried to not be less than Litres = LWL (metres)/0.4 i.e. LWL 5 m 12.5L; 6m 15L; 7m 17.5L; 8m 20L		
3.24.6	Separate battery for electric start engines		
3.24.7	Separate generator, if carried, securely covered and permanently installed exhaust, fuel supply system and fuel tank		
3.24.8	Fixed fuel tank to have shut-off valve		
3.24.9(a)	Petrol tanks for inboard engines or inboard tanks for outboard engines - see regulation.		
3.24.9(b)	Diesel fuel tanks must be of metal or other certified material.		
3.24.9(c)	Fuel lines - see regulation.		
3.24.9(d)	Outboard motor fuel tanks shall be secured to the deck or in a separately ventilated compartment. Tanks and lines as manufacturer supplied or to recognised national standard.		
3.24.9(e) & (f)	Petrol shall not be carried below decks in portable containers. Flexible fuel tank prohibited.		
3.25.1	Marine Radio - waterproof or marine standard communication equipment shall be provided:		
3.25.1(b)(iii) & (iv)	A new permanently installed, or waterproof handheld, VHF transceiver. Permanent installations recommended DSC capable, with unique MMSI. Handheld VHF DSC transceiver to have own MMSI separate to that of vessel.		
3.25.4(a)	Permanently installed VHF transceivers shall have a maximum rated output power not <25W.		
3.25.4(d)	Permanently installed VHF transceivers shall be tested in accordance with the notice of race.		
3.25.6(a)	Handheld VHF transceivers shall have a maximum rated output power of not less than 5W.		
3.25.6(b)	Handheld VHF transceivers shall be tested in accordance with the notice of race.		
3.25.8	Licensed Operators: All marine radio users must be appropriately qualified. ACMA or equivalent qualification.		
3.25.8(b)	At least one operator for the radio equipment listed in the race category.		

Clause	Item Description	Cat 5	Cat 5N
3.28.1	Hull Identification (all >50mm high) on both sides or on the transom: boat name & state rego; OR name, sail number & club		
4.01.1	Sail numbers shall be carried in accordance with RRS 77 and Appendix G.		
4.02	Plugs available for each through hull fitting as per 3.09.1		
4.04.2	One fire extinguisher of a minimum 10B(E) rating of dry powder or equivalent.		
4.04.3	From 1 July 2021 all fire extinguishers will be of a minimum rating of 1A:10B(E).		
4.04.4	A fire blanket adjacent to every cooking device with an open flame.		
4.04	Refer to Regulation Notes for recommendations 1-3 on regular inspection and checking of fire extinguishers.		
4.05.1(a)	Primary anchor and ground tackle as per Table 1: minimum length of chain 5.0 m, plus 45.0 m of rope or chain.		
4.05.1(b)	Anchor and warp sizes as per Table 2 or Table 3, using the lesser as a minimum.		
4.05.1(d)	Provision to secure bitter end of warp		
4.06.2	At least one water resistant and floating flashlight with spare bulb and batteries if replaceable.		
4.07.2 & 4.07.3	First Aid Manual, also recommended Injury/Illness chart.		
4.07.4 & 4.07.9	First Aid kit as per table in 4.07.9, stored in labelled water proof container, contents listed and visible without opening.		
4.07.7	Recommended that any crew member requiring special medication or with medication allergies should obtain medical advice before racing and provide any necessary additional medication.		
4.10.1(a)	Navigational charts (not solely electronic) for the current race and chart plotting equipment carried.		
4.10.3	The current Australian Sailing Racing Rules of Sailing and Special Regulations Part 1 in electronic or hard copy.		
4.14.1	Emergency tiller available for non-tiller boats. MTYC requirement for <u>both</u> Cat 5 and Cat 5N.		
4.14.2	Crews must be aware of alternative methods of steering the boat in any sea condition in the event of rudder loss. MTYC requirement for <u>both</u> Cat 5 and Cat 5N.		
4.15.1	Tools and spare parts available including means of disconnecting standing rigging.		
4.15.3	Sharp knife capable of cutting high modulus fibre rope (e.g. Dyneema), sheathed and secured in or near each cockpit.		
4.16.1	Boat's name on all buoyant equipment and items.		
4.16.2	Personal PFDs marked with owner's details (name and phone number).		
4.17	Retro-reflective tape fitted to lifebuoys and life slings.		
4.22.1	Flares - 2 red hand flares, 2 orange smoke flares, stored in waterproof container and in date.		
4.23.1	Heaving line, 15 m to 25 m long, floating with buoyant object one end, readily accessible to cockpit.		
4.26	All boats shall be able to demonstrate equipment or method by which crew may be assisted back on board.		
5.01.1(a)	Each crewmember shall have one lifejacket as follows:		
5.01.1(i)	A lifejacket complying with AS4758-2015 (minimum Level 50) or AS1512-1996 Type 1 or Type 2, or equivalent or more stringent overseas standard.		
5.01.1(j)	On a boat without lifelines complying with 3.12, a lifejacket complying with 5.01.1(i), shall be worn by each member of the crew while on deck.		
5.01.1(k)	Night: A lifejacket complying with AS4758-2015 (minimum Level 100) or AS1512-1996 Type 1 (not less than 100N), or an equivalent or more stringent overseas standard, shall be worn by each member of the crew.		
5.01.2 to 5.01.6	Lifejackets (including combined harness) comply with standard authority's approval mark, and are checked regularly for serviceability (annually for non-inflatable, at manufacturer prescribed intervals for inflatable).		
5.03	Night: A personal location light (either strobe or complying with SOLAS LSA 2.2.3), to be carried by or attached to each member of the crew when on deck at night.		

Signature of The Person In Charge: Date: