

MULTIHULL SAFETY INSPECTION CARD for AEGEAN 600

This list is not exhaustive and does not limit the inspection of the Technical Committee. Reference should be made to the complete Offshore Special Regulations (www.sailing.org/specialregs) and the NoR (http://aegean600.com/race_documents/).

Yacht: _____ Sail Number: _____ Inspection Date: _____
 Comment: _____ Number of crew: _____
 Inspector: _____ Person in charge: _____

The inspection is carried out as a courtesy. The inspection cannot limit or reduce the complete and unlimited responsibility of the owner and the person in charge.

By signing this document, I hereby declare that I am the Person in Charge, that all items on this checklist conform to their associated Offshore Special Regulation(OSR), that I have read and understand the OSR and in particular 1.02.1 and 1.02.2

Signature

Show the following :

		Comment
3.12.1	The heel of a keel stepped mast securely fastened to the mast step or adjoining structure.	
3.14	Lifelines: Two (LOA<8.5m: one), taut (upper or single lifeline: 5cm/4kg in the middle, intermediate lifelines: 12cm/4kg in the middle), uncoated. Stainless steel wire or HMPE. If securing with lanyard: gap ≤ 100mm.	
3.23.1.a	Two strong buckets, each min 9 liters capacity, with lanyard.	
3.23.1.c	provision to pump out all watertight compartments (except those filled with impermeable buoyancy)	
3.23.2, 3, 5	operable with all cockpit seats, hatches etc shut, handles with lanyard and discharging into pipes of sufficient capacity.	
3.24.a, b	Marine steering compass, magnetic, permanently installed, independent of power supply.	
3.24.c	A second compass which may be handheld and/or electronic.	
3.27.1, 2	Navigation lights properly installed with light intensity meeting COLREGS (LOA<12m 10W, ≥12m 25W)	
3.27.3, 4	Reserve lights (specs as above) with independent power source. Spare bulbs (not required for LED).	
3.28.1 (c)	Propulsion inboard (if LH < 12m can be outboard) engine capable of minimum speed (in knots)= SQRT(LWL(ft))	
3.28.3	Fuel tanks: Nonflexible, with shutoff valves, with sufficient fuel for charging & 8hrs motor at minimum speed	
3.28.4.a	Dedicated engine/generator starting battery when an electric starter is the only method for starting the engine.	
3.28.4.b	Batteries installed after 2011 shall be of the sealed type from which liquid electrolyte cannot escape	
3.29.1, 2	Marine radio transceiver with emergency antenna. In case of VHF, shall be: rated for min output power 25W, connected to GPS receiver, DSC capable with an assigned MMSI if installed > 2015, with masthead antenna.	
3.29.5	Handheld marine VHF, watertight or with waterproof cover stowed in grab bag or emergency container.	
3.29.6	Radio receiver capable of receiving weather bulletins.	
3.29.8	GPS	
3.29.13	AIS transponder which either shares the masthead VHF antenna or has a dedicated antenna.	
4.03	Soft tapered wood plugs attached or adjacent to the appropriate fitting for every throughhull opening.	
4.04.2	Independent jackstays (webbing or HMPE rope or uncoated stainless steel wire min 5mm) on both side of deck.	
4.04.3	Clipping points attached near working areas and suitable to clip on before coming on deck, enough for 2/3 of crew.	
4.03.3.d	on a trimaran with an outrigger rudder, allow repairs to the steering mechanism whilst crew is attached to a clipping point	
4.05.1	Fire blanket near cooking device of open flame.	
4.05.2	Fire extinguishers, ≥2kg, dry powder, accessible, different locations.	
4.06	Anchors: Two (for LOA ≥ 8.5m) or One (for LOA < 8.5m). With suitable chain and rope, all ready for immediate use.	
4.07.1	Watertight lights, with spare batteries and bulbs as follows:	
4.07.1.a	A searchlight, suitable for searching for a person overboard at night and for collision avoidance	
4.07.1.b, c	A flashlight stowed in the grab bag or emergency container	
4.08	First aid Kit & Manual (suitable for the conditions and duration of the passage and the number of people aboard).	
4.09	Foghorn.	
4.10	Radar reflector: octahedral (with circular plates 12") or of min 2m ² documented radar crosssection.	
4.11	Navigational charts (not solely electronic), light list and chart plotting equipment.	
4.12	Durable chart clearly marked with the location of the principal items of safety equipment.	
4.13	A knotmeter or distance measuring instrument (log) and a depth sounder	
4.15.1a, b	Emergency tiller, unless steering by a metal tiller or there are two independent methods of controlling a rudder	
4.15.2	A proven method of emergency steering with the rudder disabled	
4.16.1	Tools and spare parts, suitable for the duration and nature of the passage	
4.16.2	An effective means to quickly disconnect or sever the standing rigging from the boat	
4.20	Liferaft: for the whole crew, capable of being got to the lifelines or launched within 15s. Last service date	
4.21	Grab bag or watertight container, with watertight marine VHF, watertight flashlight with spare bulb, 3 hand flares, watertight strobe light, a knife and spare batteries for the above.	
4.22.3	A lifebuoy with a self-igniting light, a whistle and a drogue within reach of the helmsman and ready for immediate use	
4.22.7	A heaving line, no less than 6 mm (1/4") diameter, 15 - 25 m (50 - 75') long, readily accessible to cockpit	
4.22.8	Recovery sling with buoyant line and buoyancy section > 90N and capable of hoisting a man onboard.	
4.23	Pyrotechnic signals conforming to SOLAS: 4 red hand flares (LSA III 3.2), 2 orange smoke flares (LSA III 3.3). Expiry dates: Flare 1 Flare 2 Flare 3 Flare 4 Smoke 1 Smoke2	
4.25	A strong, sharp knife, sheathed and securely restrained shall be provided readily accessible from the deck or a cockpit.	
4.26.2.a	Heavy weather jib (Area≤13.5%×(height of foretriangle) ²) w/ luffstay attachment independent of groove, high visibility color. If made after 1/1/2012 area calculation = 0.255 x luff length x (luff perpendicular + 2 x half width)	
4.26.3.a	Storm trysail (area≤17.5%×luff×foot) or mainsail reefing to reduce the luff by at least 40%.	
5.01.1	Lifejackets for the whole crew: if manufactured before 2012 comply with ISO 12402-3 Level 150 or equivalent, if manufactured after 2011 comply with ISO 12402-3 Level 150 with whistle, retroreflective material and lifting loop. Both should have grotch/thigh straps, yacht's or wearer's name, emergency position indicating light and have a sprayhood.	
5.01.2	A boat shall carry at least one gas inflatable lifejacket spare cylinder and, if appropriate, spare activation head for each type of lifejacket on board.	
5.02.1	Safety harnesses complying to ISO12401 or equivalent	
5.02.2	Tethers manufactured after 2000, according to ISO12401, not exceeding 2m, with self-closing hooks and overload indicator in the stitching	
5.02.3	All the crew shall have either a tether not exceeding 1m, or an intermediate self-closing hook on a 2m tether.	
6.05.3	One crew member familiar with First Aid procedures, hypothermia, drowning, CPR, and communications.	