

# ROLEX MIDDLE SEA RACE 2018

## ISAF OFFSHORE SPECIAL REGULATIONS 2018-2019



### CHECKLIST FOR CATEGORY 2 RACES

#### *Notes to Skippers:*

***The following checklist is intended as an aid to the skipper / person in charge in ensuring that the requirements of the Offshore Special Regulations for category 2 are complied with. It is not intended as a substitute for the regulations and should be used in conjunction with the full text of the regulations. It should not be filled by the skipper / person in-charge.***

- a) The numbers in the left hand column refer to the WS regulations for category 2 races 2018 – 2019***
- b) The abbreviations shown in the right column refer to Mandatory or recommended items / equipment required. (Man: Mandatory; Rec: Recommended)***

***The scrutineers will be going through a similar checklist with the skipper.***

***Please ensure that you make arrangements with the office personnel to ‘book’ a scrutineering check. The skipper or a person in charge has to be present during the check.***

**The Safety of the yacht and her crew is the sole and inescapable responsibility of the Person in Charge who must do his best to ensure that the yacht is found, thoroughly seaworthy and manned by an experienced crew who have undergone appropriate training (OSR Section 6), and are physically fit to face bad weather. He must be satisfied as to the soundness of the hull, spars, rigging, sails and all gear. He must ensure that all safety equipment is properly maintained (OSR 2.03.1) and stored and that the crew know where it is kept and how it is to be used.**

**The responsibility for a yacht’s decision to participate in a race or to continue racing is hers alone. (RRS Fundamental Rule 4).**

**All required equipment shall: function properly and be of a type, size and capacity suitable and adequate for the intended use and size of the yacht; be regularly checked, cleaned & serviced and when not in use stowed in conditions in which deterioration is minimised and readily accessible.**

**A yacht may be inspected at any time before or after the race. The entry of a yacht that does not comply with these Special Regulations may be rejected, or she may be liable to disqualification or to receive any other penalty considered appropriate by the International Jury.**

<b>REQUIREMENTS FOR CATEGORY 2 RACES</b>			
	Do you ask each crewmember if he/she is fully fit?		Y/N
	Do you have any crew with special medical problems? Please detail below:		Y/N
	Do you know how to deal with any special medical problems (e.g. heart disease, asthma) that your crew might have?		Y/N
<b>2</b>	<b>General Requirements</b>		
2.04	<b>Ballast and heavy equipment:</b>		
	Heavy items shall be securely stowed to resist a 180° capsize. Are you satisfied that the following are securely stowed? <b>Note:</b> items shall be located where shown on the rating certificate if applicable		
	Internal Ballast, Batteries, Tanks, Gas bottles, Tools, Table, Cooker, Anchors, Spare Water, Spare fuel ( <i>delete as appropriate</i> )		
<b>3</b>	<b>Structural Features, Stability and Construction</b>		
<b>3.03</b>	<b>Certificates of Construction:</b>		
	A Hull construction certificate is to be submitted with application for entry	MAN	
	Have you handed in the construction certificate?	MAN	
3.03	Does the boat comply with the construction standard of ISO 12215 for Design Category A?	MAN	
3.04	Does the boat comply with the stability requirements of ISO 12217-2 for Design Category A?	MAN	
	Has the keel and keel/hull attachment been inspected?	REC	
3.06	Does the boat have at least two exits with an opening of at least 380mm?	MAN	
<b>3.08</b>	<b>Hatches and Companionways</b>		
3.08.4	Does the companionway hatch have a catch that can be locked and unlocked from both above and below deck?	MAN	
	Are the hatch boards tied to the boat whilst at sea to prevent their loss overboard?	MAN	
<b>3.09</b>	<b>Cockpits</b>		
	Can all openings into the hull (e.g. locker lids) be strongly and rigidly secured?	MAN	
<b>3.12</b>	<b>Mast Step</b>		
	Is the mast <b>keel-stepped</b> ?	MAN	
	If so, how is the heel restrained or secured to the step or adjoining structure?	MAN	
<b>3.14</b>	<b>Pulpits, Stanchions and Lifelines</b>		
	Are all lifelines all made of SS wire of right diameter? Tensioning lashings shorter than 100mm are permitted	MAN	
	Is the pulpit continuous without a gap or dip at the bow?		
	If not does it comply with SR 3.14.1 g? ( Ref to regulations) Max 360mm gap	MAN	
	Are the lifelines, pulpit, etc, continuous around the yacht at both levels?		
	Are the supports for the lifelines a maximum of 2.20m (86.6"), apart including across the transom?	MAN	
	Is every life line taut?	MAN	

	Do the upper life-lines exceed 50mm deflection at the widest point aft of the mast? (Shall not exceed 50mm)	MAN	
	Do the intermediate life lines exceed 120mm deflection at the widest point between stanchions?	MAN	
	What material are the life lines of:	MAN	
	4mm Stranded stainless steel wire ?		
	5mm High Modulus Polyethylene (HMPE) ( catamarans only)	Man	
	5mm Dyneema®/Spectra® or equivalent) rope 5mm (catamarans only)	MAN	
<b>3.21.3</b>	<b>Emergency Drinking water</b>		
	Do you have a water maker?		
	Do you have emergency water of at least 9 liters	Man	
	Is the emergency water readily accessible if the yacht is inverted?	Rec	
<b>3.23</b>	<b>Bilge Pumps and Buckets</b>		
	Are bilge pump handles secured against loss overboard?	MAN	
	Can at least one pump be operated with cockpit lockers, hatches and companionways shut?	MAN	
	Does the cockpit open aft to the sea?		
	Do any bilge pump outlet pipes discharge into the cockpit or into cockpit drains? (only allowed if cockpit open aft to sea)		
	Are bilge pumps and strum boxes accessible for maintenance?		
	Are two stout buckets provided?	MAN	
	Does the yacht have at least two manual bilge pumps? (monohulls only)	MAN	
	Is one pump operable above deck and one operable below deck, both with all hatches, lockers and companionways shut?	MAN	
<b>3.24</b>	<b>Compass</b>		
	Is there a permanently installed magnetic compass?	MAN	
	What kind of backup compass is carried?		
<b>3.27</b>	<b>Navigation Lights</b>		
	<i><b>Note:</b> - The regulations require two independent nav-light systems. A system with a tricolour and bow / stern lights along with two ships batteries and a changeover switch meets the requirements; providing they are sufficiently bright (bulbs are of the correct wattage). Under 12m = 10w, 12m and over = 25w Spare bulbs <b>must</b> also be carried. LED nav-lights are more reliable than filament bulbs and draw less current</i>		
	What is the main set (masthead tricolour or bow and stern)?	MAN	
	What wattage are the bulbs?	Watts	
	What is the reserve set?		
	What wattage are the bulbs? (these should have the same minimum specification as the main set)	Watts	
	What is their alternative power source?	Battery capacity <b>amp/hrs:</b>	
<b>3.28</b>	<b>Engine</b>		
3.28.3(a)	Is there a shut-off valve between the fuel tank and the engine?	MAN	
3.28.4	Are all re-chargeable batteries of the sealed type	MAN	
<b>3.29</b>	<b>Communications Equipment</b>		
	Is a VHF radio transceiver, 25w with masthead antenna installed?	MAN	
	Is the VHF DSC capable? ( if installed after 2015) and connected to the GPS	MAN	

	If DSC capable: MMSI No:		
	Is there an emergency VHF antenna?	MAN	
	Does your VHF radio include an active channel 72	REC	
	Is there a waterproof hand-held VHF transceiver?	MAN	
	Is the hand held VHF equipped with Digital Selective Calling and includes GPS	REC/ MAN	
	Is a GPS system installed	MAN	
	Is the GPS capable of recording a man overboard position within 10 sec	MAN	
	Is an AIS Transponder installed ? ( Class B)	MAN	
	Is the AIS antenna installed on top of the main mast?	MAN	
<b>4</b>	<b>Portable Equipment and Supplies</b>		
<b>4.02</b>	<b>Search and Rescue Visibility</b>		
<b>4.02.1</b>	Is there a 1m <sup>2</sup> area of highly visible material pink/orange/yellow capable of being displayed on the coachroof or deck?	MAN	
<b>4.03</b>	<b>Softwood Plugs:</b>		
	Are there softwood plugs <b>secured at or near</b> every through-hull opening both above and below the waterline? (Including exhaust and bilge pump outlets)	MAN	
<b>4.04</b>	<b>Jackstays</b>		
	<b>(Categories 0, 1, 2 &amp; 3):</b> Owners should consider where crewmembers must unclip and how this can be kept to a minimum.		
	Are jackstays provided and independent on each side?	MAN	
	When were they last checked/replaced?		
	Can a crewmember clip on to a pad-eye or jackstay before coming on deck?		
	Are there sufficient clipping points to enable two-thirds of the crew to be simultaneously clipped on without depending on jackstays?		
<b>4.05</b>	<b>Fire Extinguishers</b>		
	How many 2kg dry powder fire extinguishers are provided? <b>ISAF Special Regulations 4.05.4 requires at least two of a minimum 2kg dry powder or equivalent</b>	MAN	
	Have they been serviced and their condition checked? Exp Dates:		
<b>4.05.4</b>	Fire Blanket adjacent to every cooking device with an open flame	MAN	
<b>4.06</b>	<b>Anchors</b>		
	Two anchors together with a suitable combination of chain and rope ready for immediate use.	MAN	
<b>4.07</b>	<b>Flashlights</b>		
4.07	Is there a watertight self-contained high intensity searchlight? (Flashlight)	MAN	
	Is there a high intensity searchlight powered by ship's batteries?	MAN	
<b>4.08</b>	<b>First Aid Book</b>		
<b>4.08</b>	Is there a First Aid book that covers marine medical emergencies?	MAN	
	What is the title?		
<b>4.09</b>	<b>Foghorn</b>		
<b>4.09</b>	How many foghorns and what type?	MAN	

<b>4.10</b>	<b>Radar Reflector</b>		
	What type and size of radar reflector(s) is carried?		MAN
	Does it meet the regulations?		
<b>4.11</b>	<b>Navigational Charts</b>		
	Do you have navigational charts for race area which are not electronic and plotting equipment?		MAN
<b>4.12</b>	<b>Safety Equipment chart</b>		
	Do you have a chart indicating location of safety equipment in durable material.		MAN
<b>4.13</b>	<b>Depth Speed and Distance Instruments</b>		
	Speed and distance instrument		MAN
	Depth Instrument		MAN
<b>4.15</b>	<b>Emergency Steering</b>		
	Do you carry a spare tiller?		MAN
	If not, is the tiller of all metal construction?		
	When (approx) did you last try it?		Date
	Do you have an alternate method of steering?		MAN
	What method would you use to steer in the event of rudder loss?		
	When did you last try this?		Date
	<b>It is being recommended that a readymade adequate steering assembly is prepared beforehand in case of a rudder loss. It should be safely stowed and 'ready to use' in an emergency of rudder loss. Ideally the assembly should be in such a way that it can easily be installed on the boat transom without having to enter the water.</b>		
<b>4.16</b>	<b>Tools - Standing Rigging</b>		
	Tools and spare parts suitable for passage		MAN
	What tools do you carry to sever the standing rigging in an emergency?		
	Has this device been tested by you (e.g. on sample pieces of equal strength)?		MAN
<b>4.19</b>	<b>406 MHz EPIRB:</b>		
	Is there a 406 MHz EPIRB		MAN
	Is it registered in your name with the appropriate authority?		MAN
	What is the Hex ID (15 Characters)		
<b>4.20</b>	<b>Liferaft(s)</b>		
	<b>PLEASE INCLUDE A COPY OF EITHER A VALID CERTIFICATE(S) OF SERVICING OF THE LIFERAFT(S) OR VALID CERTIFICATE(S) OF INSPECTION FOR THE LIFERAFT(S) WHERE PERMITTED. <i>Note: Valise packed rafts require an annual servicing certificate</i></b>		MAN

	Liferaft Serial No:			
	No. Persons	Hired /owned		
	Make	Model		
	Liferaft Serial No:			
	No. Persons	Hired /owned		
	Make	Model		
	Liferaft Serial No:			
	No. Persons	Hired /owned		
	Make	Model		
	Liferaft Serial No:			
	No. Persons	Hired /owned		
	Make	Model		
4.20.3(V)	Can the life raft be launched if the yacht is inverted		MAN	
	Can the life raft be launched within 15seconds		MAN	
4.21	Do You carry a grab bag for each life raft		REC	
<b>4.22</b>	<b>Crew Overboard Identification and Recovery</b>			
	<b>Locator Beacons</b>			
4.22.1	Personal AIS beacon for each crew		MAN	
	Lifebuoys Poles and Slings			
4.22.3	Lifebuoy with self-igniting light, whistle and drogue within reach of the helmsman, ready for use		MAN	
4.22.4 a	An additional lifebuoy with self-igniting light, whistle and drogue within reach of the helmsman, ready for use		MAN	
4.22.4 b	A pole and flag permanently extended or capable of being automatically fully extended by stored power e.g. compressed gas		MAN	
4.22.5	Does at least one lifebuoy contain permanent (e.g. foam) buoyancy?		MAN	
	Is the lifebuoy marked with the name and retro-reflective material?		MAN	
	<i>Note: - that a hand extended telescopic pole must be fully extended at all times when racing. We advise it should be taped in the extended position</i>			
4.22.7	Heaving line 6mm diameter 15-25m long readily accessible from the cockpit		MAN	
4.22.8	Do you have a recovery sling which includes a) buoyant line of length no less than the shorter of 4 times LH or 36m (120') b) buoyancy section (horseshoe) with no less than 90 N (20#) buoyancy c) minimum strength capable to hoist a crewmember aboard		MAN	
4.17	Are the lifebuoys and life slings marked with the yacht's name?			
4.18	Are all lifebuoys and life slings fitted with marine grade retro-reflective material?			
	How many lifebuoys or life slings are within reach of the helmsman and ready for instant use?			

<b>4.23</b>	<b>Flares:</b>		
	<b>NUMBER OF SOLAS FLARES IN DATE FOR THE WHOLE SEASON</b>		
	Orange Smoke (Min 2)      Exp Date		MAN
	Red Hand (Min 4)      Exp Date		MAN
	Red parachute (Min 4)      Exp Date		REC
	White Hand      Exp Date		REC
<b>4.25</b>	<b>Cockpit Knife</b>		
	Is a strong, sharp knife, sheathed and securely restrained and easily accessible from the cockpit provided?		MAN
<b>4.26</b>	<b>Storm and Heavy Weather Sails</b>		
4.26.1	Are storm sails of a highly visible colour or do they have highly visible coloured patches?		MAN
	<b>Storm and Heavy weather jibs</b>		
4.26.1	How can the storm and heavy weather jibs be attached to a forestay other than by luff groove?		
4.26.2 a	Is a heavy weather jib carried? Area not more than 13.5l <sup>2</sup>		MAN
4.26.2 b	Is a storm jib carried? Area not more than 6%l <sup>2</sup>		MAN
	Is the storm jib free of Kevlar and carbon fibre?		MAN
	<b>Note: - Both a storm and a heavy weather jib are required for Category 2</b>		
4.26.2 d	<b>Trysail gear / Mainsail Reefing</b>		
	Does the mainsail have reefing to reduce the luff by at least 40%		REC
	Is a trysail carried? Area not more than 17.5% of Px E		MAN
	Is the trysail free of Kevlar and carbon fibre?		MAN
	Does it have the correct sail letters/numbers?		REC
	Have you got a complete tested system including sheets and blocks ready to sheet the trysail independently of the boom?		MAN
	Date and location of the latest test		
	<b>Note: - To avoid confusion in any Search and Rescue scenario it is vital that when sail numbers are not displayed elsewhere (sails down) they shall be displayed secured to the lifelines on the port quarter. (inform skipper)</b>		
<b>5</b>	<b>Personal Equipment</b>		
<b>5.01/02</b>	<b>Life Jackets and Harnesses</b>		MAN
5.01/02	Number of combined lifejackets and harnesses: one for each crew member is required		
	Is each fitted with a light, crotch strap, name, whistle, retroreflective tape?		MAN
5.01	Are lifejackets of at least 150N buoyancy to ISO 12402-3 (level 150) or equivalent.		
5.01.03	Do you carry at least one spare lifejacket		MAN
5.01.04	Has the person in charge personally checked each lifejacket at least once annually.		MAN
5.02	Number of safety harnesses (ISO 12401 or EN1095) <b>Harnesses and safety lines manufactured prior to Jan 2001 are not permitted.</b>		MAN
	Is each individual harness fitted with a crotch strap or thigh straps?		

5.02.2	Do you have enough tethers either 1m long or with a mid-point snaphook for 30% of the crew?	MAN	
<b>6</b>	<b>Training</b>		
6.01	At least 30% but not fewer than two members of a crew, including the skipper shall have undertaken training within the five years before the start of the race in both 6.02 topics for theoretical sessions, and 6.03 topics which include practical, hands-on sessions. The skipper is to sign training declaration at registration	MAN	
6.04	Are safety routines practiced on board particularly Man Overboard Recovery drill?	REC	
6.05.2	Does at least 1 crew member hold a current Senior First Aid Certificate or equivalent?	MAN	

TABLE 8 – Minimum Diameters for life lines

Stainless steel life lines have to be un-covered

LOA	wire	HMPE rope (Single Braid)	HMPE Core (Braid on Braid)
under 8.5 m(28ft)	3mm(1/8 in)	4mm(5/32 in)	4mm(5/32 in)
8.5m - 13 m	4mm(5/32 in)	5mm(3/16 in)	5mm(3/16 in)
over 13 m (43 ft)	5mm(3/16in)	5mm(3/16in)	5mm(3/16in)



## FIXED EQUIPMENT IN BOAT'S RATING CERTIFICATE:

Does the boat include any of the following:

ITEM	YES / NO	NUMBER OF (X OF Y)	COMMENT*
Cushions:			
Doors:			
Toilets:			
Tables:			
Drawers			

**\*If any of the above items are not present state whether they have been removed or the boat designed without them.**

**Notes:**