

Class40

SCRUTINEERING - Safety Equipment

Class

OSR/1	Class40				
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SKIPPER

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OSR/1	CR/R	NOR RdR 2014
	2.8.1	
		NOR 9,1,2
	4.01	CR3 RRS app.G
	4.01.2	CR3 NOR 5.2.1
	4.02.3	CR3 NOR 5.2.1 NOR 5.2.2
	4.02.1.b 4.02.3	NOR 7.1.7 NOR 7.1.7
		NOR 5.2.5 NOR 5.2.3 NOR 5.2.4
	3.28.3	CR 2.2 CR 2.2 CR 2.2 CR 2.2 CR 2.2 CR 2.6.2 add NOR7.1.15 add NOR7.1.15
		CR 2.2 CR 2.2 SI appendix

NAME of the boat :		Race number :	
Registered name of the boat :		Port of registry :	
MMSI :	call sign	VHF :	Year built

Shore team contact for the boat : _____ Phone number : _____

Scrutineer : _____ Date : _____

Failling points to comply after the first scrutineering on all the rules (ORC, RC, R, NOR...)	
Date and time for the 2nd scrutineering :	Skipper's signature : _____
Failling points to comply after the 2nd scrutineering on all the rules (ORC, RC, R, NOR...)	
Skipper's signature : _____	

Remain : Scrutineering starts once all the sails embarked for the race are on the deck with all the sail stickers in place on the sails and well visible

Mandatory presence of the skipper for the first security check of the boat

Tests with Race HQ (two way test) :	Transmission	Reception
VHF DSC 25 watts, MMSI to be checked	<input type="checkbox"/> OK	<input type="checkbox"/> OK
VHF hand held container	<input type="checkbox"/> OK	<input type="checkbox"/> OK
VHF hand held chart table with its charger (not mandatory)	<input type="checkbox"/> OK	<input type="checkbox"/> OK
E-mail : send an e-mail to both : "skipper@penduick.com" and "rboulaire@orange.fr"	<input type="checkbox"/> OK	<input type="checkbox"/> OK
Standard-C : send an e-mail to both : "skipper@penduick.com" and "rboulaire@orange.fr"	<input type="checkbox"/> OK	<input type="checkbox"/> OK
AIS MMSI to be checked (test transmission and reception)	<input type="checkbox"/> OK	<input type="checkbox"/> OK
Sat phone :	<input type="checkbox"/> OK	<input type="checkbox"/> OK
Other means to be defined (not mandatory)	<input type="checkbox"/> OK	<input type="checkbox"/> OK

IDENTIFICATION

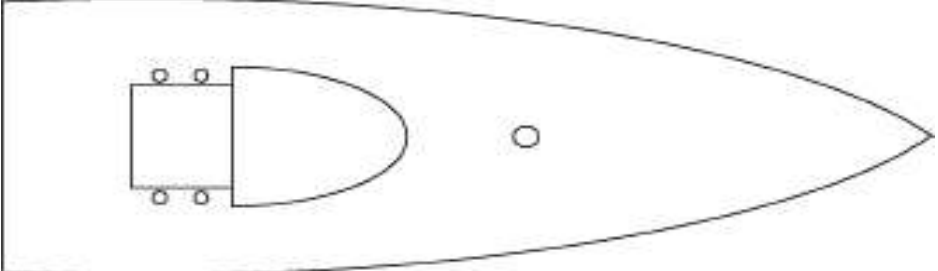
On the Main Sail : sizes nationality letters and sail number in Helvetica font Min height 450mm and min spacing 90mm	<input type="checkbox"/> OK	4.01	CR3	RRS app.G
Number on deck high visible : min.height 450mm	<input type="checkbox"/> OK	4.01.2	CR3	NOR 5.2.1
Number on each side of the hull : min. Height 650mm	<input type="checkbox"/> OK	4.02.3	CR3	NOR 5.2.1 NOR 5.2.2
Name of the boat on each side of the hull and on the transom	<input type="checkbox"/> OK			
Hull markers fluorescent colour on roof or deck, minimum 1 m ²	<input type="checkbox"/> OK	4.02.1.b		NOR 7.1.7
Highly visible paint on each appendage	<input type="checkbox"/> OK	4.02.3		NOR 7.1.7

RACE OFFICIAL MARKINGS

On both side of the Main Sail, race logo in a cercle diam 1,5m, center to 1/3 of the mast from deck	<input type="checkbox"/> OK			NOR 5.2.5
In the rigging on each side, a race flag	<input type="checkbox"/> OK			NOR 5.2.3
In the rigging, a line of five flags of the organisers	<input type="checkbox"/> OK			NOR 5.2.4

SEALS

Liferaft	<input type="checkbox"/>			CR 2.2
Grab bag : in a position within 1,5m maximum of the companionway	<input type="checkbox"/>			CR 2.2
Emergency water (1 x 9 litres) : sealed closed	<input type="checkbox"/>			CR 2.2
sealed in a location within 1.5m maxi of the companionway	<input type="checkbox"/>			CR 2.2
Fresh waters 40 litres	<input type="checkbox"/>			CR 2.2
Additional diesel tanks (if any)	<input type="checkbox"/>			
10 litres diesel jerrycan (spare) sealed closed	<input type="checkbox"/>			
sealed in place	<input type="checkbox"/>	3.28.3		
Heavy anchoring equipment	<input type="checkbox"/>			CR 2.2
Fire extinguishers (2)	<input type="checkbox"/>			CR 2.2
Preparation seals for the engine propeller (installation of extra collars if necessary)	<input type="checkbox"/>			SI appendix

PULPIT PUSH/PIT STANCHIONS only stainless steel	<input type="checkbox"/> OK	3.14	RJ 402
LIFELINES (ø mini 4 mm) only stainless steel, except a lanyard not exceed 100 mm max in length on each end	<input type="checkbox"/> OK	3.14.6 f	RJ 307
SAFETY LINES /CLIPPING POINTS (to be shown on the drawing below) stainless steel ø 5mm mini or webbing (Dyneema ou Spectra) with mini breaking strain ≥ 20kN Clipping points to clip on before coming on deck	<input type="checkbox"/> OK <input type="checkbox"/> OK	4.04.1 4.04.2	CR 2.11
			
BOWSPRIT the forward extremity must not exceed the forward-most point used than 2.0 m.while racing checked by measurer	<input type="checkbox"/> OK		RJ 210 CR 2.8.6
COMPANIONWAY HATCH fitted to the boat, with a securing arrangement operable from the exterior and the interior and with any blocking devices	<input type="checkbox"/> OK	3.08.4	
ESCAPE HATCHES 2 escape hatches with 1 on the back of the boat enable evacuation when the boat is inverted (opening mini 0,18 m²)	<input type="checkbox"/> OK	3.06	RJ 303 CR 2.8.4
NAVIGATION LIGHTS 25W MINI Navigation lights 25W + spare bulbs, except LED Reserve navigation lights 25W (separable power source from that used for the normal navigation lights)	<input type="checkbox"/> OK <input type="checkbox"/> OK	3.27	
MAST MEASUREMENT BAND clearly visible (width 25 mm, height 19 m above the water line)	<input type="checkbox"/> OK		CR 2.8.3
LIFEBUOYS with marine retro-reflective materials with one of them dependind entirely on permanent buoyancy 1 Lifebuoy with a self-igniting light, with the name of the boat and a drogue	<input type="checkbox"/> OK <input type="checkbox"/> YES/NO	4.18 4.22.1.a	
1 Lifebuoy with a whistle, a self-igniting light, with the name of the boat, a drogue, a pole with a flag flying at least at 1,8m off the water, attached to the lifebuoy with 3m of floating line, If automatically extended (not extendable by hand), must be fully extended in less than 20 seconds	<input type="checkbox"/> OK <input type="checkbox"/> OK	4.22.1.b	
1 Heaving line 15-25m length ready accessible to cockpit	<input type="checkbox"/> OK	4.24.a	
1 Lifesling shall be provided	<input type="checkbox"/> OK	4.24.c	
1 Strong, sharp knife , sheathed and securely restrained accessible from the deck or a cockpit	<input type="checkbox"/> OK	4.25	
BILGE PUMPS AND BUCKETS		3.23	
2 Manual bildge pumps , (inside and outside) permanently installed operable one from above and the other from below deck, the last one may be electric powered Each bilge pump handle shall be provided with a lanyard	<input type="checkbox"/> OK <input type="checkbox"/> OK <input type="checkbox"/> OK	3.23.5.a 3.23.5.a 3.23.4	
2 Buckets of stout construction each with at least 9 litres capacity Each bucket to have a lanyard	<input type="checkbox"/> OK	3.23.5.f	
LIFERAFTS The liferaft shall be capable of being got to the lifelines or launched within 15 sec. With moveable ballast, liferaft stowage shall be such that it may be readily removed and launched whether or not the yacht is inverted either conform with SOLAS rules code LSA 1997 Pack SOLAS "A" ou "B" - to be noted or conform with ISO 9650-1-A with Pack 2 (<24h)	<input type="checkbox"/> OK <input type="checkbox"/> OK <input type="checkbox"/> <input type="checkbox"/>	4.20 4.20.4 4.20.3.bv	CR 2.8.5
Brand :	serial number :		
Type :			
last servicing or inspection :	next servicing or inspection :		
"SOLAS" liferaft or valise-packed liferaft shall have an annual certificate of servicing	<input type="checkbox"/> OK	4.20.5.e	
Packed in container <input type="checkbox"/> YES/NO stowage on deck or cockpit		4.20.3.a	
Packed in bag <input type="checkbox"/> YES/NO stowage in a purpose-built rigid compartment		4.20.3.b	
The end of the liferaft painter should be permanently made fast to a strong point on board the boat	<input type="checkbox"/> OK	4.20..3.c	CR 2.8.5
MEASUREMENT SUMMARY displayed (read and check that anything noted is well respected)	<input type="checkbox"/> OK		RJ 2.8.2
SAFETY EQUIPMENT LOCATION CHART in waterproof material displayed in the main accomodation If ballast : a plan of the plumbing system shall be displayed	<input type="checkbox"/> OK <input type="checkbox"/> OK	4.12 3.04.8	RJ 2.8.2

GRAB BAG marked with the name of the boat, a lanyard and clip sealed in a location within 1,5m of the companionway OK **Se**

minimum content :

watertight hand-held iridium phone or with a waterproof cover + fresh spare batteries in a waterproof cover OK

brand/type :

Pre-entered emergency numbers : **1 = Gris Nez MRCC** OK
2 = HQ read line OK
3 = Team Manager OK

watertight hand-held VHF or with a waterproof cover + spare batteries OK

brand/type :

watertight hand-held GPS + spare batteries OK

watertight flashlight OK

2 red parachutes flares **SOLAS** expiry > 12/2014 OK

2 red hand flares **SOLAS** expiry > 12/2014 OK

6 cyalume-type chemical light sticks OK

1 survival blanket OK

1 first aid kit (2tubes of solar screen and bandages for wet conditions) OK

Energy food 5000 kJ OK

4.21.2	CR 2.2	
4.21.3.q		NOR 7.1.2 NOR 7.1.2
3.29.1.e		
4.21.3b		NOR 7.1.3
4.21.3g		add NOR7.1.14
4.23.1		
4.23.1		
4.21.3a		add NOR7.1.14
4.21.3h		add NOR7.1.14
4.21.3k		add NOR7.1.14
4.21.3m		add NOR7.1.14
3.21.3.a	CR 2.2	
5.01		NOR 7.1.9
5.01.1.a		
5.01.1.a		
5.01.1.b		
5.01.1.c		NOR 7.1.9
5.01.1.d		NOR 7.1.9
5.01.1.e		
5.01.1.f		NOR 7.1.9
5.01.1.g		
4.17		
5.02.1		
5.02.1		
5.02.3		
5.02.2.a		
5.02.2.b		
5.02.4		
5.07.1.a	CR 2.4	NOR 7.1.5

EMERGENCY WATER

Sealed within 1,5m of the companionway OK **Se**

1 x 9 litres fresh water in a 1 container of 10 l, sealed OK **Se**

PERSONAL EQUIPMENT

1 lifejacket (level 150) ; Brand : OK

conform with ISO 12402-3 including EN396 or UL 1180, fitted with :

a whistle and marine retro-reflective materials, OK

a crotch strap(s)/thigh straps or a full harness (ISO 12401) OK

a white light(> 8 h, >0,75 candelas) OK

a compressed gas inflation system type of "Hammar" OK

regularly checked for gas retention OK

with a spare cylinder and a spare activation, OK

compatible with the wearer's of safety harness OK

clearly marked with the boat's name or the wearer's name OK

name written

1 safety harness complying with CE EN 1095 ou ISO 12401 fitted with OK

1 safety line less than 2 m in length with a snaphook at each end, OK

a coloured embedded in the stitching to indicate an overload OK

A safety line maxi 1 m of length with a snaphook at each end OK

or a safety line of 2m of length with a snaphook in the middle YES/NO

Lifejacket and harness of each crew shall be compatible OK

1 -survival suit NF EN ISO 15027-1, OK

Location :	Brand :
Serial number :	Color :

Slippers OK Gloves : OK

MEANS OF COMMUNICATIONS, NAVIGATION, TRACKING, BEACONS

VHF 25W 56 channels equipped with a mast-head antenna OK

call sign (4 letters or 2 letters +4 figures) :

Brand/type :

Antenna VHF/AIS mast-head for transmission/reception either AIS or VHF OK

Spare antenna for the VHF OK

Radio receiver (weather bulletins) independant of the main radio transceiver OK

VHF hand held with its charger chart table (not mandatory) YES/NO

Brand/type :

AIS transmission/reception, active and software able to visualize AIS marks OK

Brand : Specify type :

AIS antenna mounted on top of the mast OK

Sat phone with a fixe antenna and a sound enough loud to be heard inside OK

Number :

Brand/type :

SAT C on board equipped with software GPS and polling and data reporting (not mandatory) OK

Number :

Brand/type : Location of the antenna :

Other sat phone used by the skippers YES/NO

Number :

Brand/type : Location of the antenna :

Passive radar reflector shall be carried (circular sector plates of minimum diameter 30 cm or a reflector with a documented minimum RCS area of 2 m²) OK

Radar with alarm OK

Brand/type :

GPS OK

EPFS recording a man overboard position within 10 seconds and monitoring that position (Electronic Position Fixing System) OK

Echo sounder or lead line OK

Speedometer OK

1 SART (radar or AIS) located near or in the grab bag OK

Brand/type :

1 radar transponder (type active-echo or equivalent) OK

1 EPIRB coded and registered to the name and MMSI of the boat attached with a 3m rope and accessible near the companionway

1 EPIRBS bi-frequency 406/121,5 MHz longlife (48h) OK

15 figures codes written on the beacon

Brand/type : Activation: water and manually Date inspection :

Exact localisation : MMSI :

AIS personal beacon worn at all times by the skipper OK

Brand/type : TX-ID number :

PLB (406/121,5 MHz) worn at all times by the skipper YES/NO

15 figures codes written on beacon

Brand/type : Date inspection :

Mean of the use of AIS personal beacon :

3.29.1.b.i		NOR 18
3.29.1.b.ii	CR 2.8.7	
3.29.1.a.i		
3.29.1f		
3.29.1n		NOR 7.1.4
3.29.1p		
3.29.1a		NOR 18
3.29.1j		NOR 17.2
4.10.1		
4.10.1		
		NOR 7.1.1
3.29.1i		
4.28.2		
4.13		
4.14		
4.21.3.c		NOR 7.1.10
4.21.3.d		NOR 7.1.13
4.19.1		NOR 7.1.6
		NOR 7.1.11
5.07.1b		NOR 7.1.12
		NOR 7.1.11/12

EQUIPMENT

Cooking stove securely fastened with safe accessible shutoff control	<input type="checkbox"/>	OK	3.20.1		
A fire blanket adjacent to every cooking device with an open flame	<input type="checkbox"/>	OK	4.05.4		
Marine magnetic compass permanently installed	<input type="checkbox"/>	OK	3.24.1.a		
Independant marine magnetic compass wich may be hand held	<input type="checkbox"/>	OK	3.24.1.b		
Heavy anchoring equipment : anchor 16 kg, 25 m chain Ø 8mm, 30m nylon warp Ø 14mm mini location dedicated, anchor with key pin shackle, chain and warp in a bag near the anchor	<input type="checkbox"/>	OK	4.06	Se	CR 2.3
Light anchoring equipment : anchor >4.5 kg equivalent to iron 16 kg, 5 m chain Ø 8mm, 25m nylon warp Ø 12mm mini, location uncluttered,	<input type="checkbox"/>	OK	4.06		CR 2.3
Mini "Spare air" diving bottle or equivalent (minimum volume = 80 l)	<input type="checkbox"/>	OK			CR 2.3
2 fire extinguishers , ABC fire, CE 0029 or SOLAS 0029/03 valid easily accessible, capacity minimum 2kg each one near the engine, the other near the cooking stove dry powder or equivalent	<input type="checkbox"/>	OK	4.05.1	Se	CR 2.2
First aid manuel	<input type="checkbox"/>	OK	4.05.2		
First aid manuel	<input type="checkbox"/>	OK	4.08.1		
Title :	<input type="checkbox"/>				
First aid kit	<input type="checkbox"/>	OK	4.08.2		
Pyrotechnic and light signals close to hand outside of the grab bag					
4 red parachute flares SOLAS expiry date > 12/2014	<input type="checkbox"/>	OK	4.23.1		
2 red hand flares SOLAS expiry date > 12/2014	<input type="checkbox"/>	OK	4.23.1		
2 orange smokes SOLAS expiry date > 12/2014	<input type="checkbox"/>	OK	4.23.1		
Hand hold below deck, allowing moving about safely at sea	<input type="checkbox"/>	OK	3.22		
Fog horn	<input type="checkbox"/>	OK	4.09		
Sea cocks and valves for all the through-hull openings below the waterline	<input type="checkbox"/>	OK	3.10		
Soft wood plugs attached or stowed adjacent to the through-hull openings	<input type="checkbox"/>	OK	4.03		
Toilet permanently installed	<input type="checkbox"/>	OK	3.18		RJ 104
Mini 4 bunks permanently installed	<input type="checkbox"/>	OK	3.19		RJ 104
Paper marine charts for the course area					
Channel SH 7040	<input type="checkbox"/>	OK	4.11		
North Atlantic SH 6561 (L)	<input type="checkbox"/>	OK	4.11		
Light list (may be copy) for the course area	<input type="checkbox"/>	OK	4.11		
A watertigh high-powered searchlight + spare batteries and bulbs	<input type="checkbox"/>	OK	4.07.1a		
A watertight Flashlight with spare batteries and bulb	<input type="checkbox"/>	OK	4.07.1b		
Tools and spare parts including means to disconnect the rigging	<input type="checkbox"/>	OK	4.16		
Emergency steering and alternative method of steering	<input type="checkbox"/>	OK	4.15		
Quantity of fuel at the start only in the main tank :					
Maximum 100 l ; minimum 40 l : <input type="checkbox"/> litres on board	<input type="checkbox"/>	OK			CR 2.6.2
Additional jerrican shall be fixed in place and sealed at a distance of less than 500 mm from the centreline	<input type="checkbox"/>	OK			CR 2.6.2
Spare jerrican emergency fuel : 10 liters stored in 1 jerrican, plug sealed spare jerrican sealed in position	<input type="checkbox"/>	OK	3.28.3	Pb	CR 2.6.2
Thermic engine , if electric starter, a separate battery, a shutoff valve on each tank	<input type="checkbox"/>	OK	3.28.3	Pb	CR 2.6.2
Thermic engine , if electric starter, a separate battery, a shutoff valve on each tank	<input type="checkbox"/>	OK	3.28.3		add NOR 7.1.15
Thermic engine , if electric starter, a separate battery, a shutoff valve on each tank	<input type="checkbox"/>	OK	3.28.3		add NOR 7.1.15
Hydrogenerator on the stern of the boat Nb <input type="checkbox"/>	<input type="checkbox"/>	YES/NO			
Separate generator , shall be permanently installed , fuel supply system	<input type="checkbox"/>	YES/NO	3.28.2		
Batteries , watertight or gel type, shall not be moved	<input type="checkbox"/>	YES/NO	3.28.4	Pb	
Quantity max fresh water or other drinkable liquid : 79 l /	<input type="checkbox"/>	OK	3.21.1		CR 2.6.1
with 40 litres either in fixed tanks at less than 500mm of the symetric plan of the boat	<input type="checkbox"/>	OK			RJ 104
and the reminder in containers of a maximum capacity of 5 litres	<input type="checkbox"/>	OK			CR 2.6.1
No additional empty jerrican or container shall be permitted.	<input type="checkbox"/>	OK			CR 2.6.1
Sails on board (maximum 8 for racing) Quantity : <input type="checkbox"/>	<input type="checkbox"/>	OK			RJ 103.1
mandatory with labels sewn					RJ 103.1
: 1 main sail reduced max : <input type="checkbox"/> %	<input type="checkbox"/>	OK			RJ 103.1
P = <input type="checkbox"/> E = <input type="checkbox"/>	<input type="checkbox"/>				
1 solent	<input type="checkbox"/>	OK			RJ 103.1
1 heavy jib (Smax = 32 m²) Surface <input type="checkbox"/> m²	<input type="checkbox"/>	OK			103.02.03
1 storm jib (color :) Surface <input type="checkbox"/> m²	<input type="checkbox"/>	OK	4.26.4.e		103.02.04
1 storm trysail if the luff of the main sail cannot be reduced to more than 70% when fully reefed	<input type="checkbox"/>	oui/non	4.26.4.c		103.02.05
List on "Declaration sails on board" given by the skipper	<input type="checkbox"/>	OK			