55

OWNER'S GUIDE

LAGOON

CONSTRUCTION NAVALE BORDEAUX

VERSION 1-MARS 2021

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A common passion, the sea, unites us. At LAGOON, we share your passion for life on the water.

Congratulations, and welcome to the large family of LAGOON catamaran owners!

This Owner's Guide is designed to enable you to enjoy your boat comfortably and safely.

It includes the boat's specifications, the equipment provided or installed, information on the boat's systems and guidance for their proper use and maintenance.

We recommend that you read it over carefully before casting off in order to maximize your satisfaction while sailing.

Our network of approved LAGOON dealers is at your disposal as you discover your boat, and they are best suited to assist with its maintenance.

Danger Levels and Safety Labels

Various warning statements used throughout this guide are indicated as follows:

DANGER
Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING
Indicates a danger which could lead to injury or death if the appropriate precautions are not taken.

ATTENTION
Either indicates a reminder of safety procedures or alerts you to dangerous manoeuvres or operations, which could result in injuries to those onboard, damage to the boat and its components or damage to the environment.

NOTICE
Indicates information that is considered important, but not related to a hazard, such as equipment damage.

JOIN THE CLUB LAGOON!

You have just purchased a Lagoon catamaran! Did you know that there is an owners' club? As a Lagoon owner, you have exclusive access to this club.

WHY IS THERE A CLUB LAGOON?

It is in keeping with the Lagoon Attitude that is so dear to us: to maintain simple and friendly relations with our customers, to go and meet with them and offer them privileged appointments. With the Club Lagoon, we want to make this state of mind a reality by offering you special advantages.

WHAT ARE THE BENEFITS FOR CLUB LAGOON MEMBERS?

As a member of Club Lagoon, you have access to the private website, www.club-lagoon.fr, with information about the shipyard, our catamarans and our events, technical specifications, invitations to boat shows, a private store, and exclusive offers from our partners (available on the website).

Membership in Club Lagoon is simple and free. It is our pleasure to welcome you, so please don't hesitate. Visit our website to register.

www.**club**-lagoon.fr

1 - SAILS AND RIGGING

1.1 Caution and Settings

This section complements the information given in the EC Owner's Manual.

A catamaran presents 6 times greater resistance to heeling than a single-hull vessel. In ship design, we refer to righting moment (multiplication of the vessel's weight by the transverse distance between the centre of gravity and the centre of flotation, or buoyancy).

This fact has real consequences for the handling and sail trimming of a catamaran.
The fact that the boat does not heel over could conceal the use of an excessive sail surface area, which could be dangerous for the crew and the vessel.
It is therefore essential to constantly monitor the real wind speed and to prioritize trimming the sail surface area accordingly.

These adjustments should be applied in calm seas. In heavy seas, we will reduce 10% earlier in terms of true wind speed. It is essential to avoid putting the boat under any kind of stress.

One should always seek to direct the sails' angle of attack towards the apparent wind and to avoid over-trimming the sail, so that the flows of air coming off the sail are parallel to each other; this will prevent turbulence behind the sail.

Failure to follow the above recommendations can be dangerous for the boat and the crew, and the manufacturer cannot be held responsible in the event of an accident.

Apparent Wind Angle I AWA : 30-70°				Apparent Wind Angle I AWA>70°			
Apparent Wind Speed I AWS (knots)	Main	Jib	Code 0	Apparent Wind Speed I AWS (knots)	Main	Jib	Code 0
0-5	Full	0%	Full	**0-16**	Full	0%	Full
0-26	Full	Full	0%	**0-20**	Full	Full	0%
26-31	Reef 1	Full	0%	**20-24**	Reef 1	Full	0%
31-36	Reef 1	75%	0%	**24-30**	Reef 2	75%	0%
36-40	Reef 2	60%*	0%	**30-34**	Reef3	60%*	0%
40-45	Reef 2	40%**	0%	**34-38**	Reef3	40%**	0%
45-55	Reef3	0%***	0%	**38-50**	0%	25%***	0%
>55	0%	0%	0%	**>50**	0%	0%	0%

*	OR STAYSAIL	100%
**	OR STAYSAIL	75%
***	OR STORM JIB	100%

This data is given for information only and may vary depending on weather conditions.

ATTENTION
If there is a radar antenna on the mast, watch the jib when tacking or gybing to avoid any risk of damage.

ATTENTION
The crew must not climb on the boom without taking over the topping lift.

1.2 Standing Rigging Characteristics

The catamaran was tuned by the shipyard and by the mast manufacturer during the first masting.

The cables will stretch a little during the first few cruises, so it is advisable to have the mast inspected and adjusted by a professional.

Before setting sail, it is essential to ensure that the standing rigging is in good condition: inspect the turnbuckles and check the condition of the shrouds.

NOTICE

Any work on the standing rigging must be done by a professional.

To hoist a crew member to the masthead use the free halyard.

Secure the crew member with a bowline knot on the ring of the boatswain's chair (do not use a snap hook or a shackle).

ATTENTION

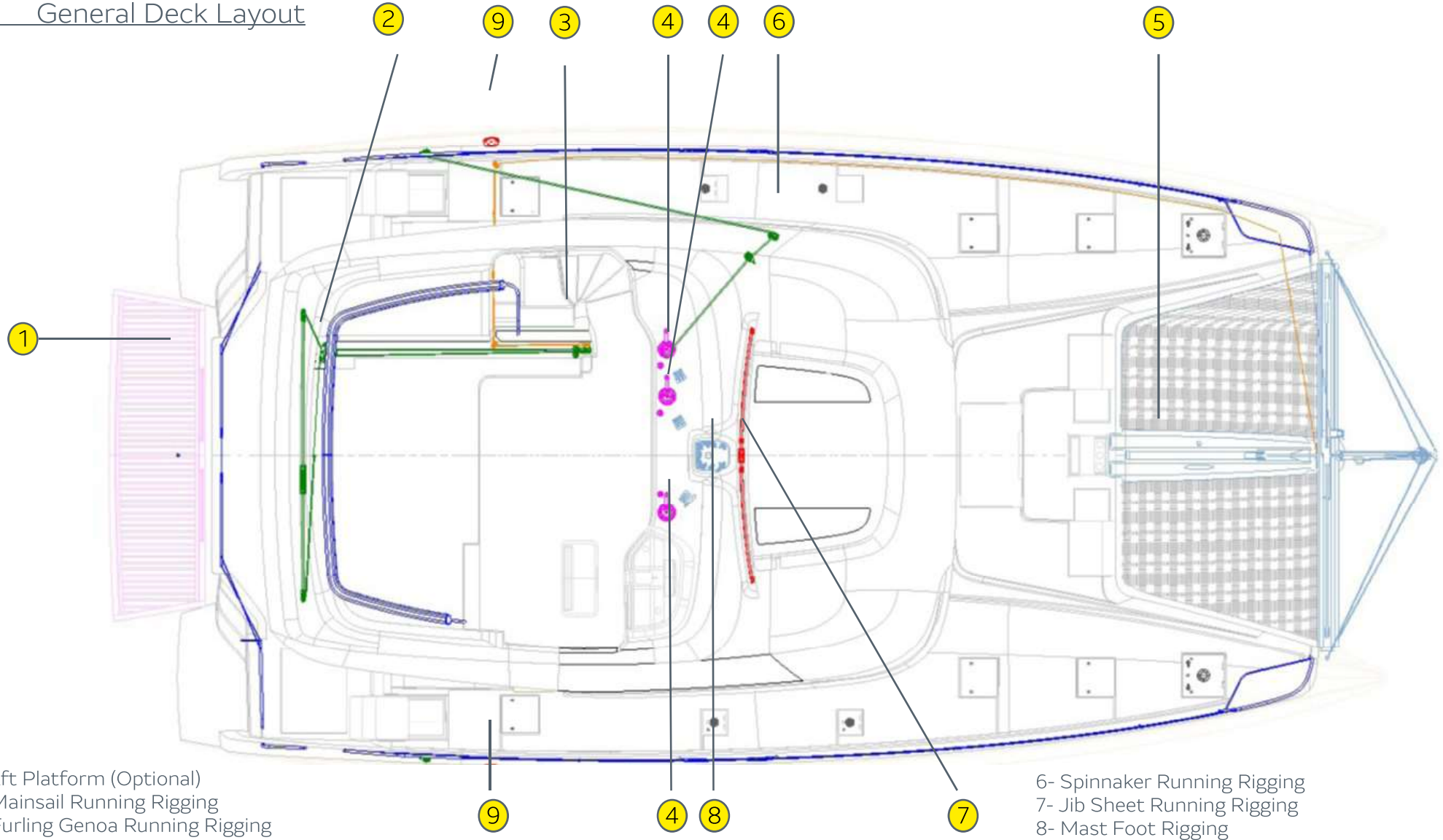
The free halyard - the only halyard allowed for this purpose - is only used to hoist a crew member to the masthead.

1 - SAILS AND RIGGING

Rope Designation	Length (m)	Diameter (mm)
Mainsail halyard	74 9	12 12
Mainsheet	28	14
Mainsail topping lift	59	12
Reef 1	13 14	14 10
Reef 2	12 36	14 10
Reef 3	11 29	14 10
Reefing cunningham	20	10
Right reef line of the manual mainsail traveller	16	10
Left reef line of the manual mainsail traveller	17	10
Loop for mainsheet	0.15	8
Main lazy jacks	26	8
Aft lazy jacks	16.3	8
Middle lazy jacks	5.7	8
Front lazy jacks	8.4	8

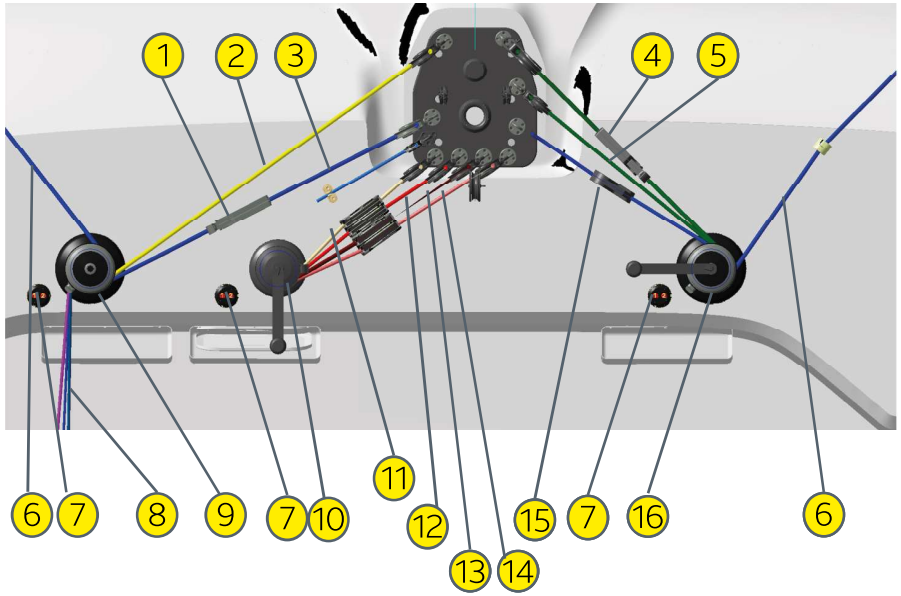
Rope Designation	Length (m)	Diameter (mm)
Self-Tacking Jib Halyard	22.6	12
Jib-Lowering Halyard	26	8
Jib Sheet	36	12
Furler Line	33	10
Spinnaker / Code 0 and Gennaker Sheet (Optional)	30 49	14 10
Port Gennaker / Spinnaker Sheet	32	14
Starboard Gennaker / Spinnaker Sheet	32	14
Free Halyard	27	14
Flatwinder Mainsail Traveller Line (Optional)	14	10

1.3 General Deck Layout



1- Aft Platform (Optional)
2- Mainsail Running Rigging
3- Furling Genoa Running Rigging
4- Coach Roof Winch
5- Forward Beam Rigging
6- Spinnaker Running Rigging
7- Jib Sheet Running Rigging
8- Mast Foot Rigging
9- Chainplates Rigging

1.4 Mast Foot Rigging Diagram



1- Spinnaker/Code 0 Halyard
2- Free Halyard or Jib Adjuster
3- Reefing Line
4- Mainsail Halyard
5- Topping Lift
6- Spinnaker/Code 0 Sheet
7- Electric Winch Contactor
8- Manual Furler Line/ Port/Starboard Mainsail Traveller Lines
9- Winch3 Size 60.2
10- Winch2 Size 50.2
11- Auto Reefing Line 1
12- Auto Reefing Line 2
13- Mainsheet
14- Auto Reefing Line2
15- Self-Tacking Jib Sheet
16- Winch1 Size 60.2

Blocking/Storing on the Mast
- Jib Halyard on Slider Cart
- Free Halyard on Fastening Cleat
- Lazy Jacks + Control on Double Cam
- Topping Lift Accessible from the Cockpit

Classic Mainsail

To Set the Classic Mainsail:

- Position the boat into the wind, engine engaged.
- Make sure that the mainsheet is eased off and that the reefs are free.
- Open the clam cleat.
- Hoist, taking care that the battens do not get stuck in the lazy jacks.
- Secure the halyard with the blocker.
- Trim the mainsail according to the wind and sea conditions.
- Slacken the topping lift.

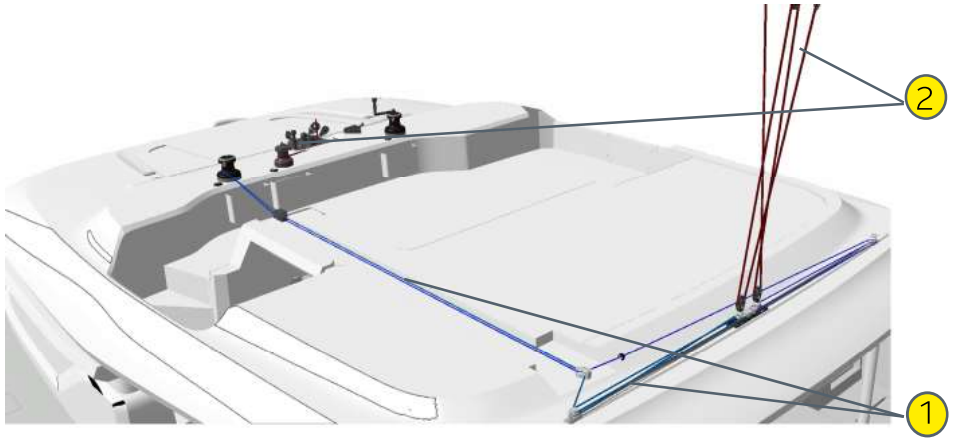
To Lower the Classic Mainsail:

- Position the boat into the wind.
- Pull the topping lift tight.
- Slacken the halyard, and lower and then furl the mainsail.
- Trim the sheet.

ATTENTION
When setting the mainsail, make sure the mainsail head block is locked (Allen screw) to prevent it from turning on itself.

1.5 Mainsheet Rigging

MANUAL MAINSHEET RIGGING CIRCUIT

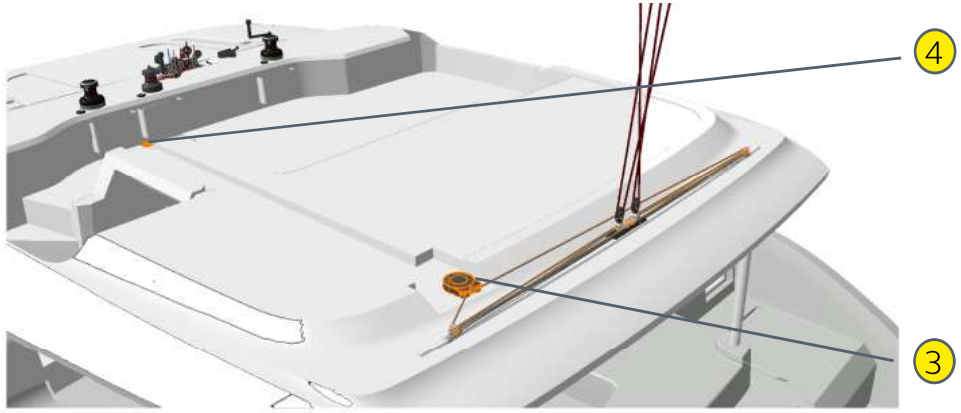


1- Port and Starboard Mainsail Traveller Adjustment (Manual Version)
2- Mainsheet

REEFING

- A reef boss on the leech and on the tack is present on each reef.
- Position the mainsail closer to the windward side of the boat, either at the helm or with the mainsail traveller.
- Ease off the mainsheet.
- Pull the topping lift tight.
- Slacken the halyard.
- Pull tight on the relevant reef tack line and close the blocker.
- Carry out the same manoeuvre for the reef leech line concerned.
- Tension the sail and close the blocker.
- Slacken the topping lift.

LINE DRIVER MAINSHEET RIGGING CIRCUIT (Optional)



3- Line Driver
4- Line Driver Switch

As soon as the 24V circuit is switched on, the line driver is functional.

The line driver is protected by a circuit breaker located behind the hatch under the winches, behind the middle rope locker. (5)
X17 S3 BREAKER: 40Amp

1.6 Furling Genoa Sheet Rigging

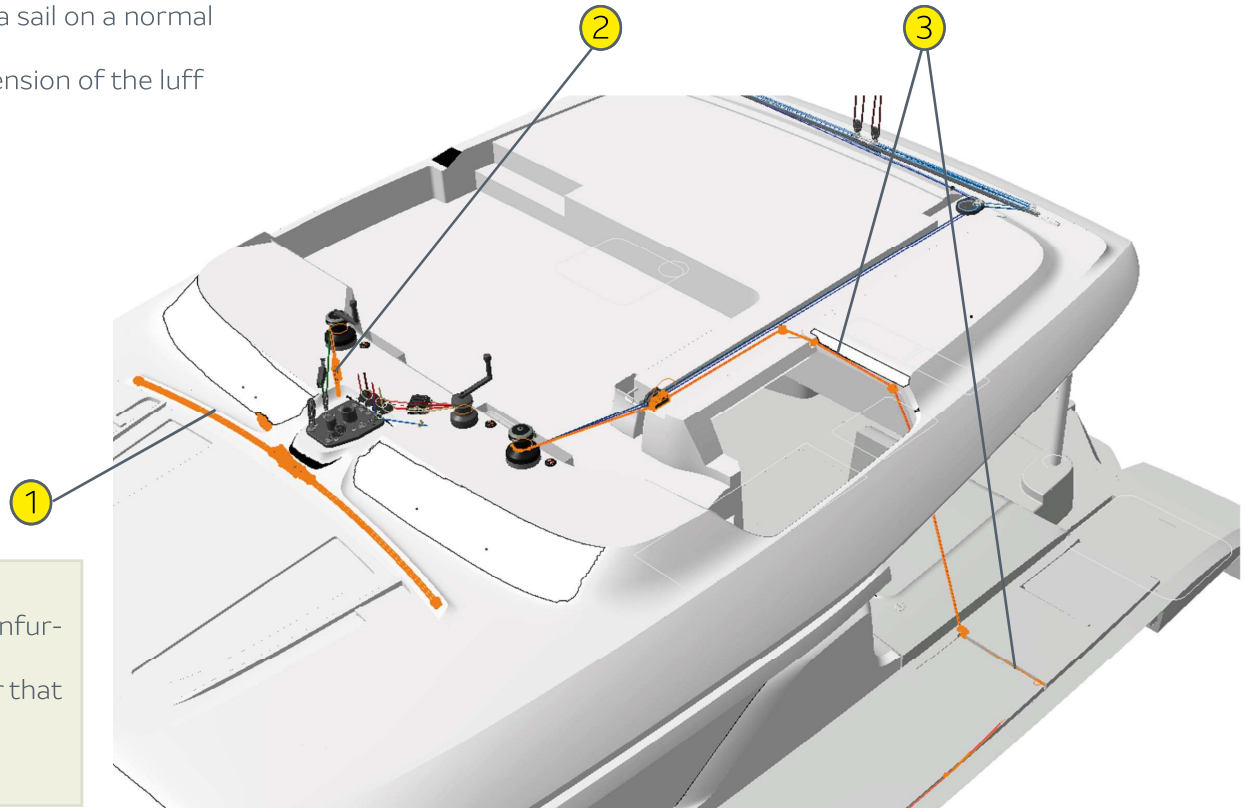
FURLING GENOA

Hoist the jib before departure, taking advantage of a moment without wind.

- Attach the head of the sail.
- Attach the halyard to the swivel.
- Attach the tack of the sail on the drum and the sheets.
- Hoist the jib by engaging the luff tape in the sail feeder carefully to avoid tearing.
- Tighten the halyard sufficiently but use less tension than a sail on a normal forestay.
- Hoist until the horizontal wrinkles disappear (adjust the tension of the luff after a few outings on the water).
- Shackle the genoa clew.
- Pull the reefing line from the cockpit to furl the jib.

JIB USAGE

- Gradually slacken the jib furling line by pulling on a sheet.
- Pull on the furler line to furl the jib.



1- Self-Tacking Jib Track
2- Self-Tacking Jib Sheet
3- Furling Genoa Sheet Rigging System

ATTENTION
Never force in case of stiffness when furling or unfurling the headsails.
Check that a halyard is not caught in the furler or that the sail is not too tight.

1.7 Code 0/Spinnaker Sheet Rigging (Optional)

MANUAL SYSTEM - Code 0/Spinnaker

Hoist the Code 0 before departure, taking advantage of a moment without wind.

- Attach the swivel to the head of the Code 0/Spinnaker.
- Attach the furler to the tack.
- Bring the furler onto the bowsprit using the reefing gear.
- Attach the halyard to the head swivel.
- Hoist the code 0/Spinnaker.

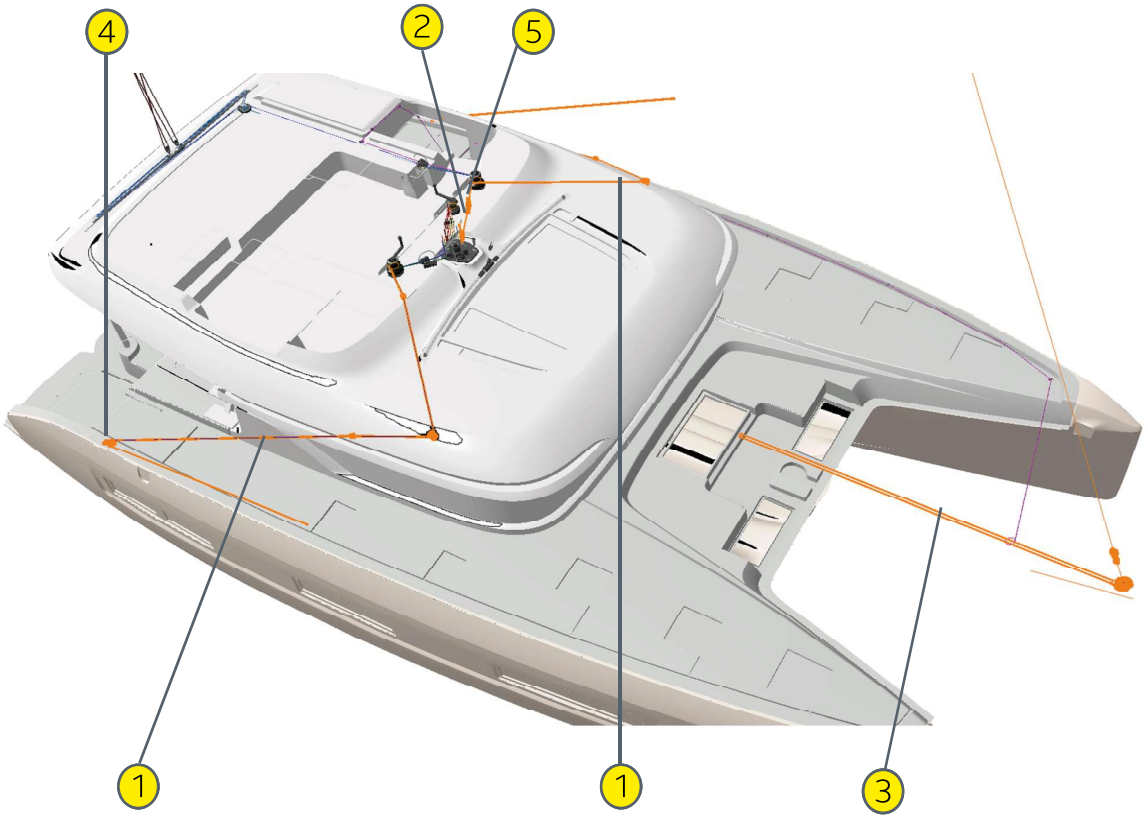
Use the furling line to furl or unfurl the code 0. Code 0/Spinnaker sheets:

- Attach the sheets to the code 0/Spinnaker clew.
- The sheets run outside the forestay and shrouds.
- Bring the sheets to the outer winches.

ATTENTION
When sailing downwind, the Code 0/Spinnaker can hide the pushpit navigation lights.

ATTENTION
The code 0/Spi should be removed when not in use (risk of tearing by UV rays and of untimely unfolding).

1- Code 0/Spinnaker Sheets
2- Spinnaker/Code 0 halyard
3- Furler Line
4- Sheet Footblock
5- Pole Electric Furler Control



CODE 0/SPINNAKER - ELECTRIC POLE

Hoist the Code 0 before departure, taking advantage of a moment without wind.

- Attach the swivel to the head of the Code 0/Spinnaker.
- Attach the tack of the sail on the pole.
- Attach the halyard to the head swivel.
- Hoist the Code 0/Spinnaker.

Use the flybridge control (5) to furl or unfurl the Code 0.

Code 0/Spinnaker sheets:

- Attach the sheets to the Code 0/Spinnaker 's clew.
- The sheets run outside the forestay and shrouds.
- Bring the sheets to the outer winches.
- Use the flybridge control (5) to operate the pole.

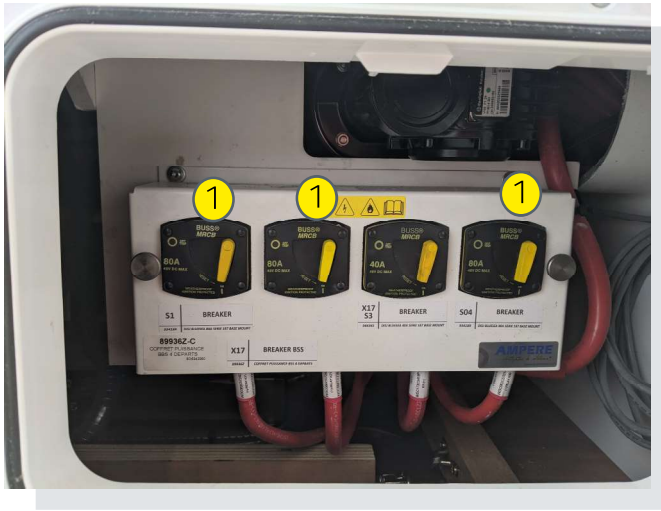
As soon as the 24V circuit is switched on, the electric pole is functional.

The electric pole is protected by a circuit breaker located on the front bulkhead of the generator compartment. (6)
BREAKER: 30Amp

1.8 Electric Winches (Optional)

As soon as the 24V circuit is switched on, the electric winches are functional.

The electric winches are protected by a circuit breaker located behind the hatch under the winches, behind the middle rope locker. (1)
BREAKER S1: 80Amp
BREAKER X17: 80Amp
BREAKER S04: 80Amp



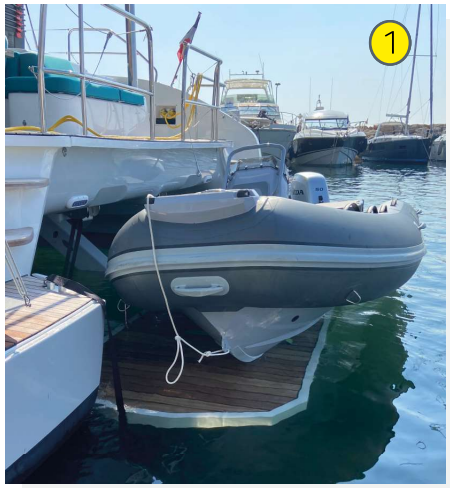
NOTICE
Make at least 3 turns on the winch.
Electric winches generate an extremely powerful force and must be used with great care.
Never force the winch when you notice a jam. Keep your hands away from the winches when using them.

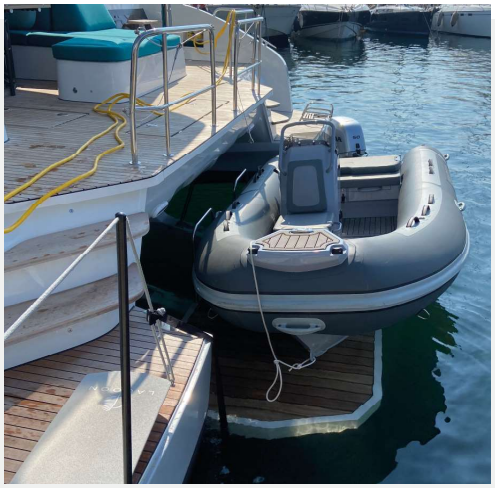
ATTENTION
Please refer to the manufacturer's instructions for dismantling and reassembling the winches.
Incorrect reassembly can lead to accidents (e.g. crank return).

2.1 Tenderlift (Optional)

The boat can be equipped with an optional hydraulic tenderlift. (1)
The equipment manufacturer's manual gives you detailed explanations on the operating procedure and all the steps to keep it functioning properly. It is automatically powered on as soon as the general battery switch on board is turned ON.

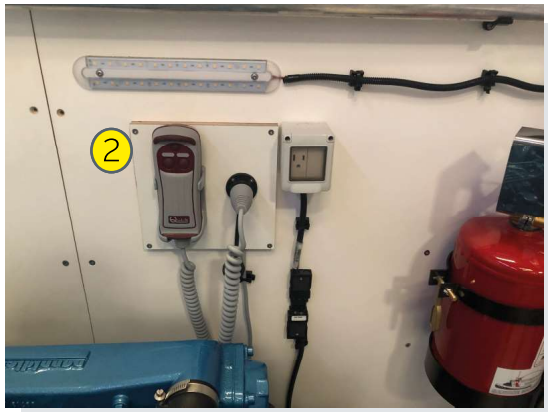
Its control (2) is located in the port engine compartment.
A remote control (3) is also supplied with the boat. Turn off the remote control after use.

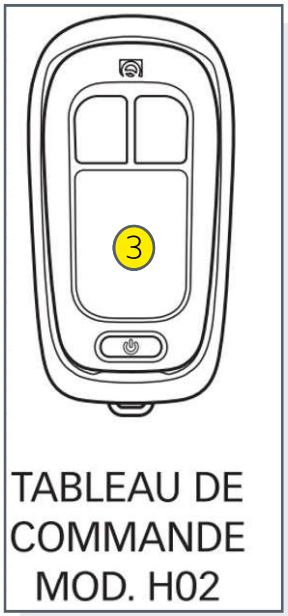


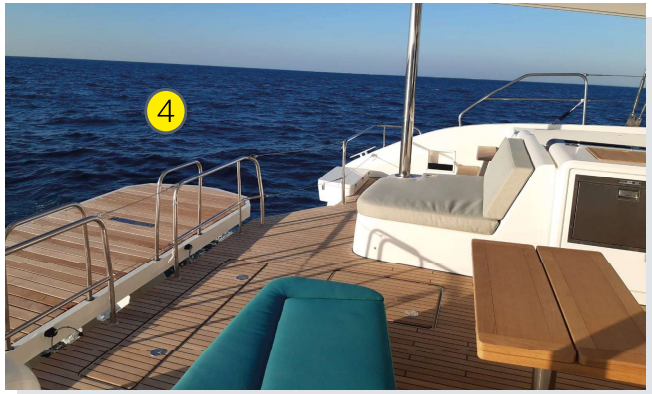


ATTENTION
The tenderlift is designed to support a maximum load of 750kg and a tender with a maximum length of 4.20m.

DANGER
Sailing with the tenderlift in any position other than fully up is strictly forbidden.
When sailing, the tenderlift must be locked in the up position.







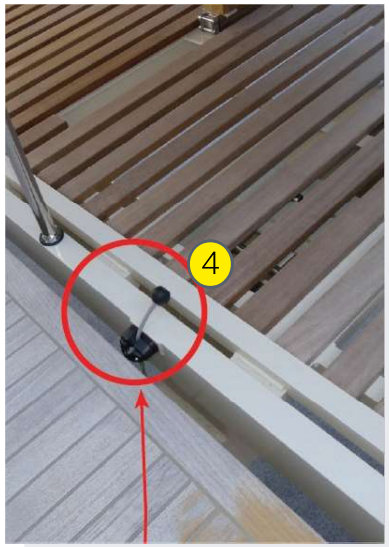
As soon as the 24V circuit is switched on, the tenderlift is functional.

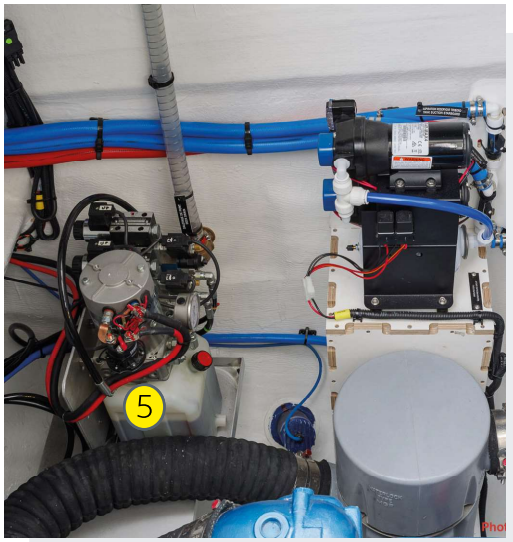
The tenderlift is protected by a fuse located on the port engine compartment busbar (3).
WDC170-FUSE: 100Amp

The hydraulic pump is located in the port engine compartment (5).

DANGER
Make sure that both ropes are released and that the platform is unlocked before lowering it (5).

X04 JEU DE BARRES DC LOCAL MOTEUR BABORD / STBD ENGINE AREA DC POWER BAR																							
							WDC017		2 x WDC018		WDC051		W021		WDC172				WDC170				
		ALIMENTATION JEU DE BARRE LOCAL GE	GENSET POWER BAR			BATTERIE DEMARRAGE BABORD	PORT STARTING BATTERY	BATTERIE DEMARRAGE TRIBORD	STBD STARTING BATTERY	REPARTITEUR A.JM. LOCAL MOTEUR	ENGINE AREA POWER DISTRIBUTOR	CALCULATEUR PILOTE	AUTOPILOT HYDRAULIC	BOSSOIR E.LECTRIQUE	ELECTRICAL DAVIT			TENDER LIFT	TENDER LIFT			
		WDC176								WDC050		W054		WDC171				WDC169				
		FUSE : 200A								FUSE : 30A		FUSE : 30A		FUSE : 100A				FUSE : 100A				
		ALIMENTATION JEU DE BARRE LOCAL GE	GENSET POWER BAR							REPARTITEUR ALIM. LOCAL MOTEUR	ENGINE AREA POWER DISTRIBUTOR	CALCULATEUR PILOTE	AUTOPILOT HYDRAULIC	BOSSOIR ELECTRIQUE	ELECTRICAL DAVIT			TENDER LIFT	TENDER LIFT			



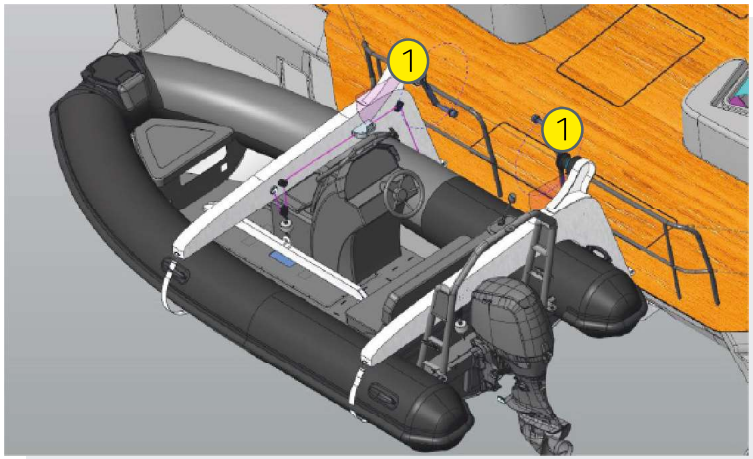


2.2 Davits (Optional)

The boat is equipped with a davit system with 2 dedicated manual winches(1).

It can be optionally equipped with an electric winch system (4) located in the middle rear locker (5).

ATTENTION
No one should be on board the tender or underneath it during davit manoeuvres. Moor the dinghy during manoeuvres.



ATTENTION
The davit is designed to support a maximum load of 500kg and a tender with a maximum length of 4.20m.

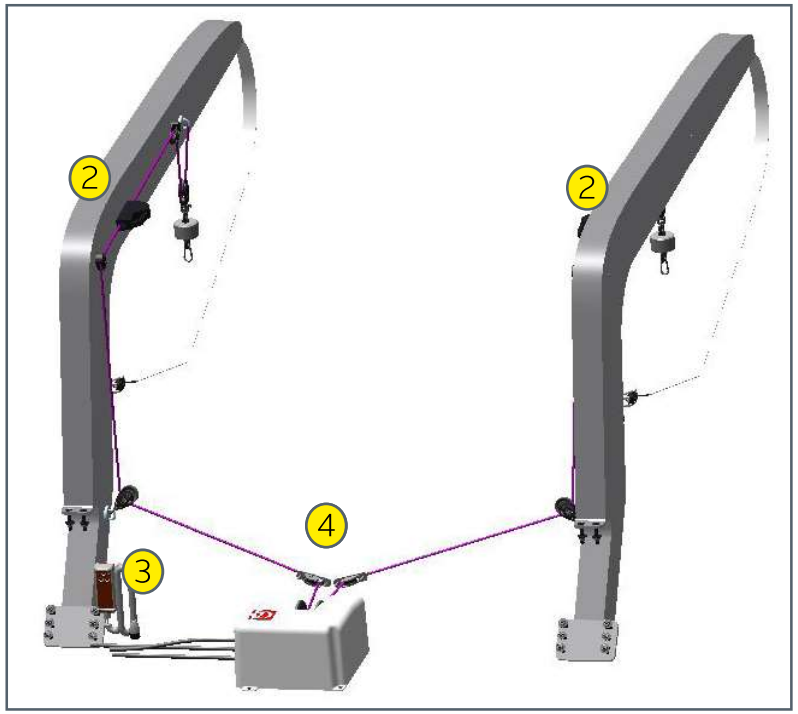
PLACING A TENDER ON THE DAVIT

- First, remove the tender gear.
- Lower the davit system as close to the dinghy as possible.
- Attach the hooks of the hoists on the davit to the chainplates located at the front and rear of the tender.
- Close the blocker on the port and starboard side of the davit system(2).
- Raise the davit and the tender using the manual winch or the electric winch (optional).
- Once in the raised position, secure the davit system and the tender using suitable ropes.
- Remove the water drain plug from the tender.

LAUNCHING A TENDER FROM THE DAVIT

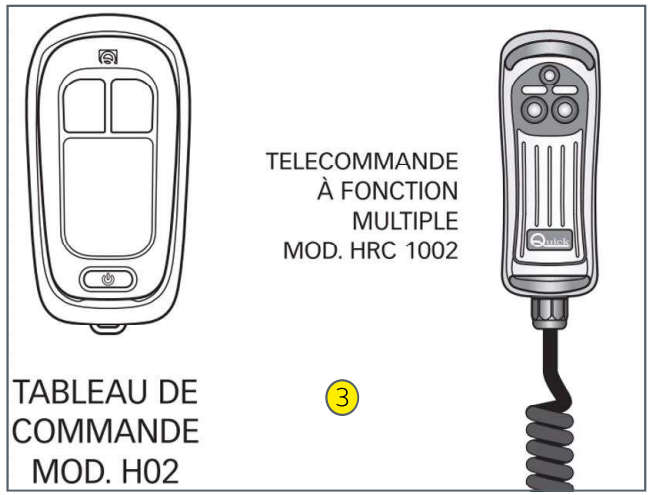
- Place the dinghy's water drain plug back.
- Ensure that the starboard and port blocker on the davit is locked.
- Put the davit line around the winch (three turns minimum).
- After removing the holding devices and mooring the tender, open the blocker and let the line run until the tender comes into contact with the water.
- Release the hooks of the davit hoists at the front and back of the tender.
- Raise and secure the davit system.
- Moor the dinghy according to the type of trip to be made and the state of the sea.
- Install the safety gear on board the dinghy, in accordance with the country of registration of the boat.

3- Optional Remote Control for the Electric Winch
4- Electric Winch



As soon as the 24V circuit is switched on, the electric winch is functional.

The electric winch is protected by a 50Amp breaker located near the port engine compartment busbar (6).

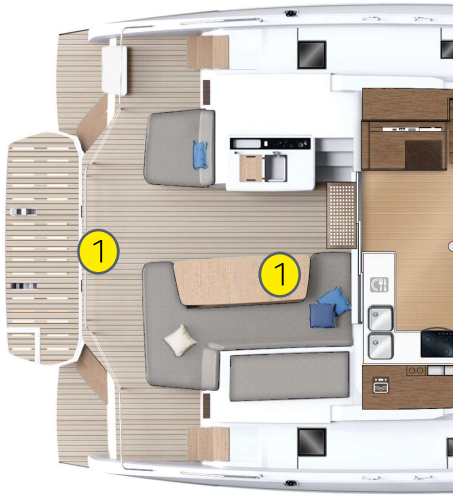


2.3 Carbon Gangway (Optional)

The boat can be equipped with an optional folding carbon gangway. Dismount, stow and secure the gangway during navigation.

It can be stored in the middle aft locker or in the locker under the cockpit table.(1)

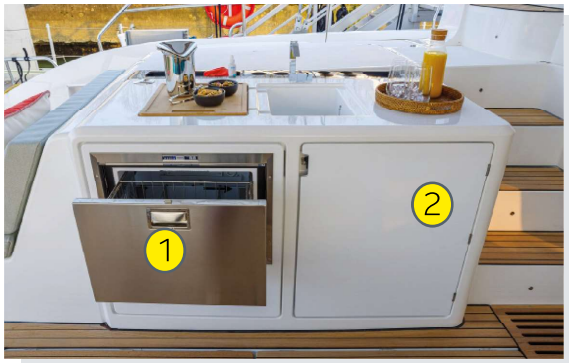
ATTENTION
Do not use the gangway as a diving board.



2.4 Portside Cockpit Locker

The boat is equipped with a cockpit locker installed on the portside.
This unit can be equipped with an optional 24V fridge drawer (1) and a 230V ice-maker (2).

The equipment manufacturer's manuals give you detailed explanations on the operating procedure and all the steps to ensure proper function.



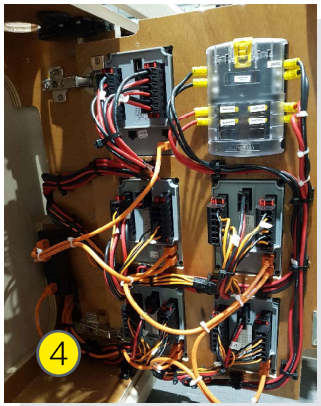
2- Icemaker Location

- **FRIDGE DRAWER**

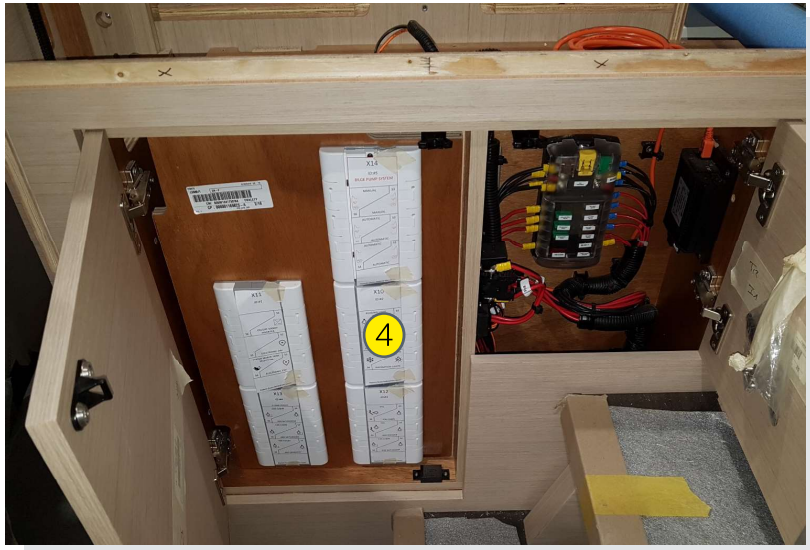
The fridge drawer (1) is activated by the switch on the 10-function control panel located on the front panel in the starboard companionway (3).

All the equipment monitored by the SCHEIBER system is powered via 9-function blocks.
Each 9-function block is protected by a nearby fuse.
Each block output, supplying a piece of equipment, is electronically protected.
To bypass this protection, insert the appropriate fuse on the output of the block.

For the DC fridges, the power supply block 9 is located in the storage locker of the starboard companionway (4) and is protected by a fuse.
X10 - FUSE 1: 20Amp



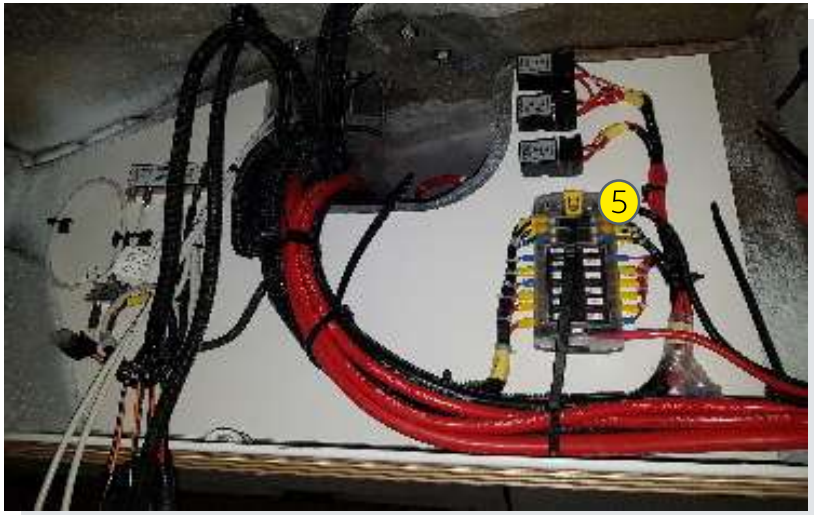
FUSE1	ROUGE_6MM2	20A	BLOC 9 X10
FUSE3	ROUGE_6MM2	20A	BLOC 9 X11
FUSE5			
FUSE6			
FUSE4	ROUGE_6MM2	20A	BLOC 9 X13
FUSE2	ROUGE_6MM2	20A	BLOC 9 X12



Each 24V refrigerator is protected by a dedicated fuse.

The cockpit fridge protection (fuse) is located in the mast foot area, accessible through the saloon ceilings. (5)
FUSE 11: 7.5Amp

FUSE 12	W019	W019	ROUGE_2_5MM2	3A	USB CHARGER
FUSE 6	W453	W453	ROUGE_4MM2	10A	AUDIO SALOON
FUSE 6	W037	W037	ROUGE_1_5MM2	10A	AUDIO SALOON
FUSE 11	W435	W435	ROUGE_6MM2	7.5A	COCKPIT FRIDGE
FUSE 5	W029	W029	ROUGE_2_5MM2	7.5A	SAT BOX
FUSE 10	W473	W473	ROUGE_4MM2	10A	AUDIO FLY
FUSE 4	W465	W465	ROUGE_4MM2	10A	AUDIO AFT COCKPIT
FUSE 9	W428	W428	ROUGE_6MM2	7.5A	FLY FRIDGE
FUSE 3	W359	W359	ROUGE_6MM2	15A	12V ELEC VAV EQUIP
FUSE 8	W469	W469	ROUGE_4MM2	10A	AUDIO FWD COCKPIT
FUSE 2	W413	W413	ROUGE_2_5MM2	10A	TV LIFT
FUSE 7	W420	W420	ROUGE_6MM2	7.5A	PORT SALOON FRIDGE
FUSE 1	W442	W442	ROUGE_1_5MM2	2A	WINDLASS COUNTER



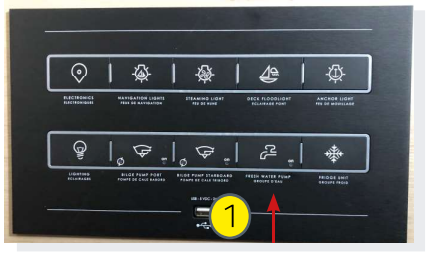
- ICEMAKER

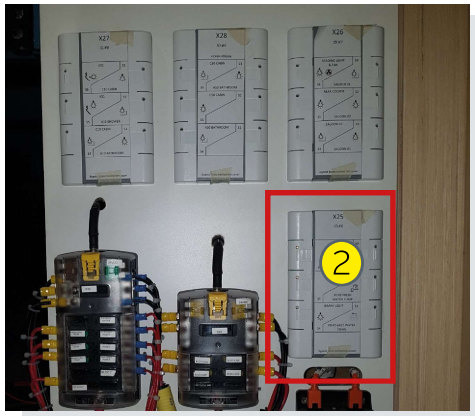
The icemaker is supplied by the pressurized freshwater system on board.

It is activated by the water unit switch (1) located on the 10-function control panel of the starboard companionway.

All the equipment monitored by the SCHEIBER system is powered via 9-function blocks.
Each 9-function block is protected by a nearby fuse.
Each block output, supplying a piece of equipment, is electronically protected. To bypass this protection, insert the appropriate fuse on the output of the block.

For the water unit, the power supply block 9 is located in the storage locker of the port companionway (2) and is protected by a fuse.
BLOC X25 - FUSE 1: 20Amp





Check that the circuit breaker on the Power A bus is switched on at the electrical panel, located in the owner's cabin storage locker in the 4-cabin version or the storage locker in the starboard middle cabin in the 5/6-cabin versions. (3)
FRIGE / PIEZZO GAS

2.5 Front Cockpit Bench

Secure the bench cushions before sailing.

ATTENTION
When sailing in rough seas, do not stay in the forward cockpit area for safety reasons.

2.6 Flybridge Locker

The boat can be equipped with an optional flybridge locker. This piece of furniture is equipped with a 24V fridge drawer (1).

The equipment manufacturer's manuals give you detailed explanations on the operating procedure and all the steps to keep it functioning properly.

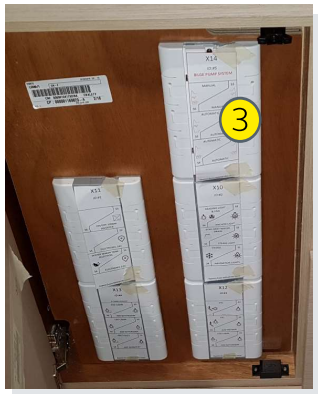
- FRIDGE DRAWER

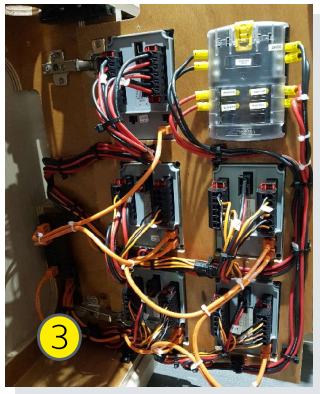
The fridge drawer (1) is activated by the switch on the 10-function control panel located on the front panel of the starboard companionway (2).

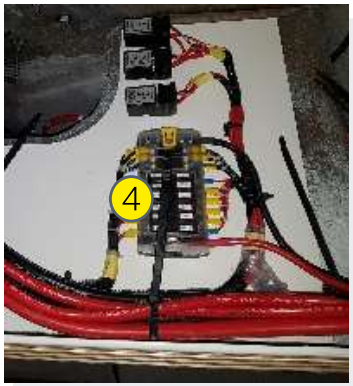
All the equipment monitored by the SCHEIBER system is powered via 9-function blocks.
Each 9-function block is protected by a nearby fuse.
Each block output, supplying a piece of equipment, is electronically protected.
To bypass this protection, insert the appropriate fuse on the output of the block.

For the DC fridges, the power supply block 9 is located in the storage locker of the starboard companionway (3) and is protected by a fuse.
X10 - FUSE 1: 20Amp

FUSE1	ROUGE_6MM2	20A	3	BLOC 9 X10
FUSE3	ROUGE_6MM2	20A		BLOC 9 X11
FUSE5				
FUSE6				
FUSE4	ROUGE_6MM2	20A		BLOC 9 X13
FUSE2	ROUGE_6MM2	20A		BLOC 9 X12







Each 24V refrigerator is protected by a dedicated fuse.
The flybridge protection (fuse) is located in the mast foot area, accessible through the saloon ceilings. (4)
FUSE 9: 7.5Amp

FUSE 12	W019	W019	ROUGE_2_5MM2	3A	USB CHARGER
FUSE 6	W453	W453	ROUGE_4MM2	10A	AUDIO SALOON
FUSE 6	W037	W037	ROUGE_1_5MM2	10A	AUDIO SALOON
FUSE 11	W435	W435	ROUGE_6MM2	7.5A	COCKPIT FRIDGE
FUSE 5	W029	W029	ROUGE_2_5MM2	7.5A	SAT BOX
FUSE 10	W473	W473	ROUGE_4MM2	10A	AUDIO FLY
FUSE 4	W465	W465	ROUGE_4MM2	10A	AUDIO AFT COCKPIT
FUSE 9	W428	W428	ROUGE_6MM2	4 7.5A	FLY FRIDGE
FUSE 3	W359	W359	ROUGE_6MM2	15A	12V ELEC VAV EQUIP
FUSE 8	W469	W469	ROUGE_4MM2	10A	AUDIO FWD COCKPIT
FUSE 2	W413	W413	ROUGE_2_5MM2	10A	TV LIFT
FUSE 7	W420	W420	ROUGE_6MM2	7.5A	PORT SALOON FRIDGE
FUSE 1	W442	W442	ROUGE_1_5MM2	2A	WINDLASS COUNTER

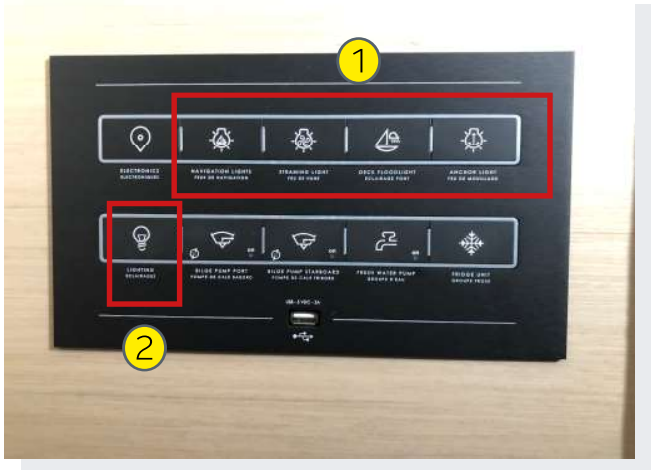
2.7 Exterior Lighting

Exterior lighting is controlled in different ways.

- The 10-function control panel is located on the front of the starboard companionway, and the four switches on the top row control the navigation lights (1).

The ALL/OFF switch (2) allows you to turn off all of the boat's lights. However, it is necessary to press this button a second time to reactivate the reading lights' power supplies. Otherwise, the lights cannot be switched on.

- The multifunctional keyboard for controlling the exterior lighting is located at the helm station (3).



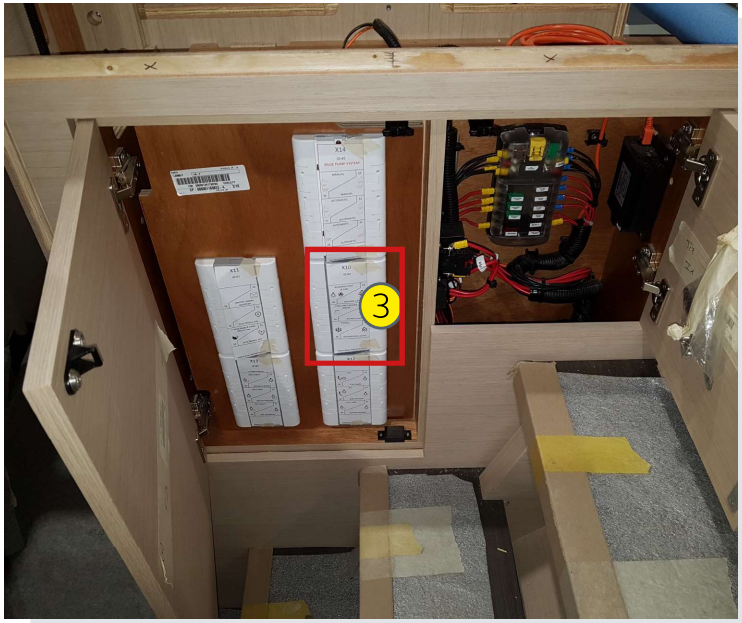
All the equipment monitored by the SCHEIBER system is powered via 9-function blocks.

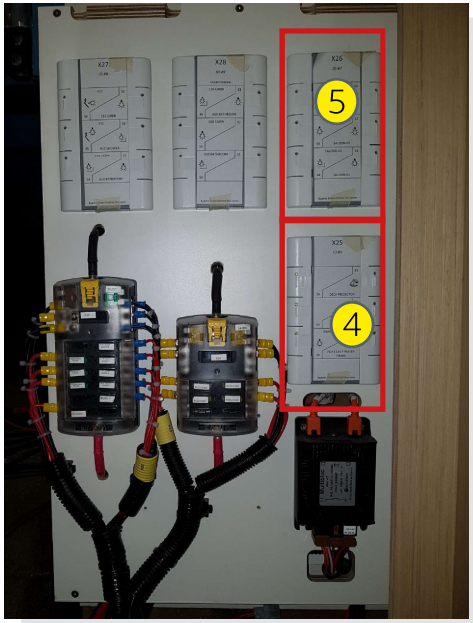
Each 9-function block is protected by a nearby fuse.

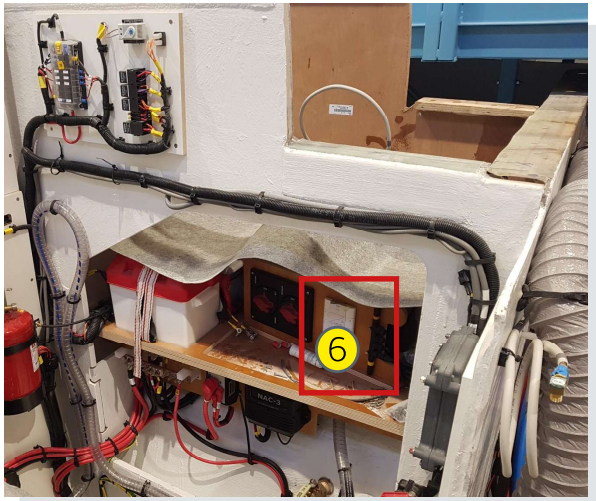
Each block output, supplying a piece of equipment, is electronically protected. To bypass this protection, insert the appropriate fuse on the output of the block.

For the anchor/engine/navigation lights (1), the power supply block 9 is located in the storage locker of the starboard companionway (3) and is protected by a fuse.
X10 - FUSE 1: 20Amp

For the deck light (1), the power supply block 9 is located in the storage locker of the port companionway (4) and is protected by a fuse.
X25 - FUSE 1: 20Amp







The aft cockpit lighting (keypad located at the helm station (2)) is powered via the block 9, which is in the portside companionway storage locker and is protected by a fuse (5).
On X26 - FUSE 2 - 20Amp

The lighting of the stern beam, the underwater spotlights, the courtesy lights, and the push-up lights (keyboard at the helm station (2)) are powered via block 9, which is located in the port engine compartment and is protected by a fuse (6).
On X20 - FUSE 11 - 15Amp

3 - ENGINES

3.1 Engines-Tanks

See the EC Owner's Manual
Section ***6.1 Engines - Tanks***

3.2 Engines - Diesel Yanmar 4JH80 Version

See the EC Owner's Manual
Section ***6.2 Engines-Diesel Yanmar 4JH80 Version***

3.3 Engines - 115HP Nanni Diesel Version

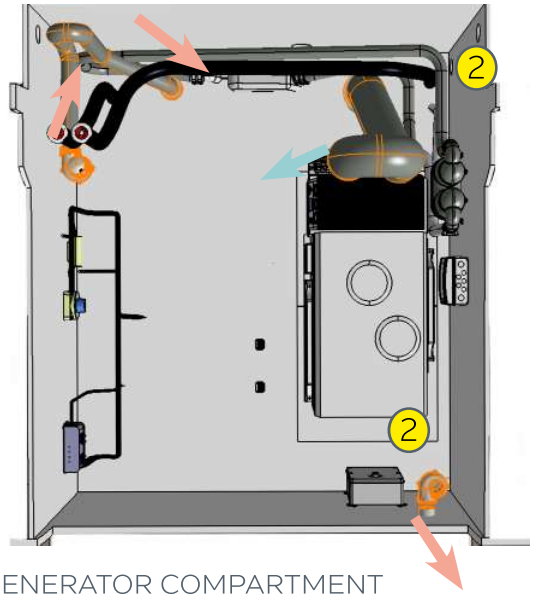
See the EC Owner's Manual
Section ***6.3 Engines - 115HP Nanni Diesel Version***

3.4 Engine and Generator Compartment Ventilation

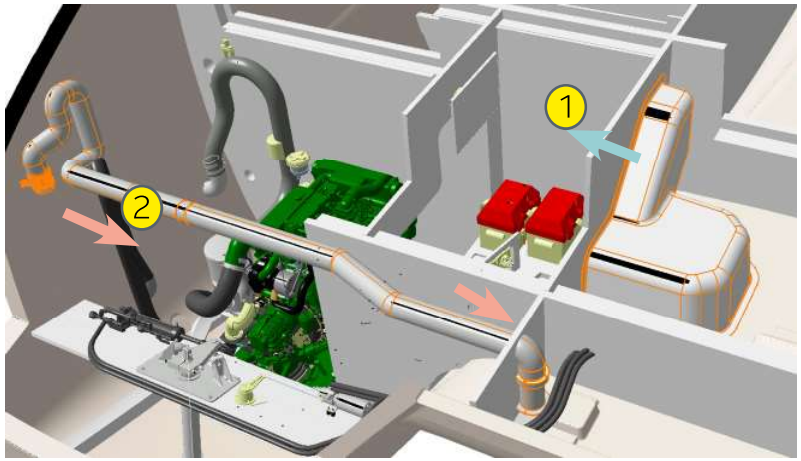
The ventilation of the engine compartments is triggered automatically when the engines are switched on.

The ventilation of the generator compartment is activated automatically when the generator is switched on. A second fan is thermostatically controlled.

The ventilation stops once the temperature has fallen below the thermostat set value.

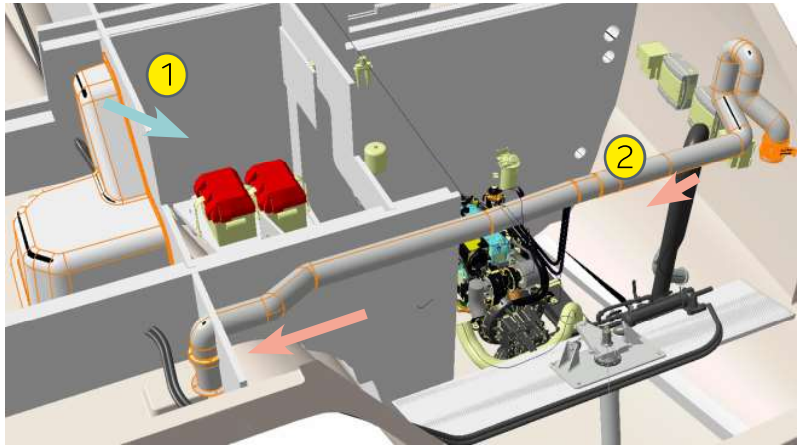


GENERATOR COMPARTMENT

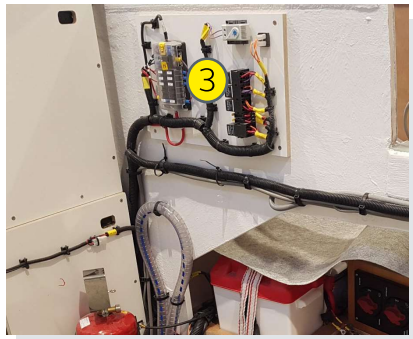


PORT ENGINE COMPARTMENT

1 Engine Room Ventilation: Fresh Air Intake
2 Engine Room Ventilation: Hot Air Vent



STARBOARD ENGINE COMPARTMENT



FUSE 12	W 066	W 066	ROUGE_1_5MM2	1A	FIRE SECURITY URGENCY
FUSE 6	W 006	W 006	ROUGE_1_5MM2	1A	KITCHEN GAZ VALVE
FUSE 11	W 162	W 162	ROUGE_4MM2	15A	BLOC9 MODULE
FUSE 5	W 078	W 078	ROUGE_1_5MM2	1A	PLANCHA GAZ VALVE
FUSE 10					
FUSE 4	W 017	W 017	ROUGE_2_5MM2	3A	STBD ENGINE ROOM FAN
FUSE 9					
FUSE 3	W 014	W 014	ROUGE_2_5MM2	3A	PORT ENGINE ROOM FAN
FUSE 8					
FUSE 2	W 040	W 040	ROUGE_1_5MM2	1A	STBD EXHAUST ALARM
FUSE 7					
FUSE 1	W 011	W 011	ROUGE_1_5MM2	1A	PORT EXHAUST ALARM

3

The fans in the engine compartments are protected by fuses located in the port engine compartment (3).
FUSE 3/4 3Amp

The fans in the generator compartment are protected by fuses located in the generator compartment (4).
FUSE 3/4 3Amp

4

REP : X159
CODE ARTICLE : 00000116241 6
BOITIER BLUE SEA 6 FUSIBLES AVEC MASSE

BORNE	CABLE	FIL	COULEUR	CALIBRE	ETIQUETTE
GND6	W 350	W 350	NOIR_1_5MM2		
GND6	W 352	W 352	NOIR_1_5MM2		
GND5	W 376	W 376	NOIR_1MM2		
GND4	W 416	W 416	NOIR_2_5MM2		
GND1	W 396	W 396	NOIR_1_5MM2		
GND2	W 392	W 392	NOIR_1_5MM2		
GND3	W 422	W 422	NOIR_2_5MM2		
FUSE1					
FUSE3	W 421	W 421	ROUGE_2_5MM2	10A	ELECTRICAL TABLE
FUSE5	W 387	W 387	ROUGE_1_5MM2	10A	GENSET SEA WATER PUMP
FUSE6	W 379	W 379	ROUGE_1_5MM2	3A	FAN GENSET
FUSE4	W 378	W 378	ROUGE_1_5MM2	3A	FAN GENSET (OPT)
FUSE2	W 414	W 414	ROUGE_2_5MM2	10A	DECK WASHING PUMP
GND	W 424	W 424	NOIR_10MM2		
ALIM	W 423	W 423	ROUGE_10MM2		

3.5 Bow Thruster

See the EC Owner's Manual
Section ***6.6 Bow Thruster (Optional)***

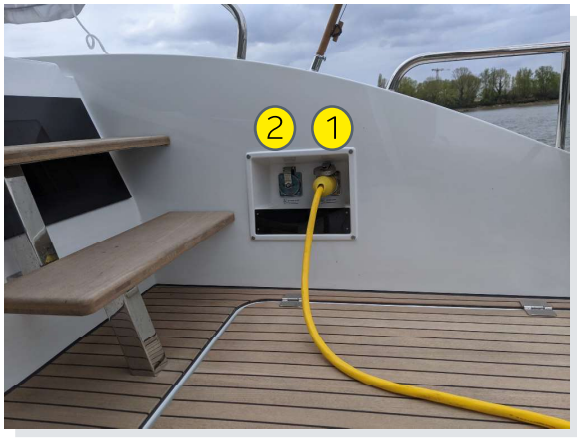
4 - ELECTRICAL SYSTEMS

4.1 Chapters Included in the EC Owner's Manual

8.1 24V/220V Warnings and Recommendations
8.2 Procedure for Switching on the On-Board System
8.3 Leaving the Boat
8.4 Emergency Start
8.5 General Principle: AC/DC
8.6 General Principle: Multiplexing
8.7 General Principle: Audio-Video
8.8 General Principle: Electronics
8.9 Equipment Layout
8.10 Equipment Layout -GENSET ROOM
8.11 Equipment Layout -FORWARD STARBOARD COMPANIONWAY
8.12 Equipment Layout -SALOON CEILING AREA
8.13 Equipment Layout- MAST FOOT AREA
8.14 Equipment Layout- ENGINE ROOM
8.15 Generator Layout

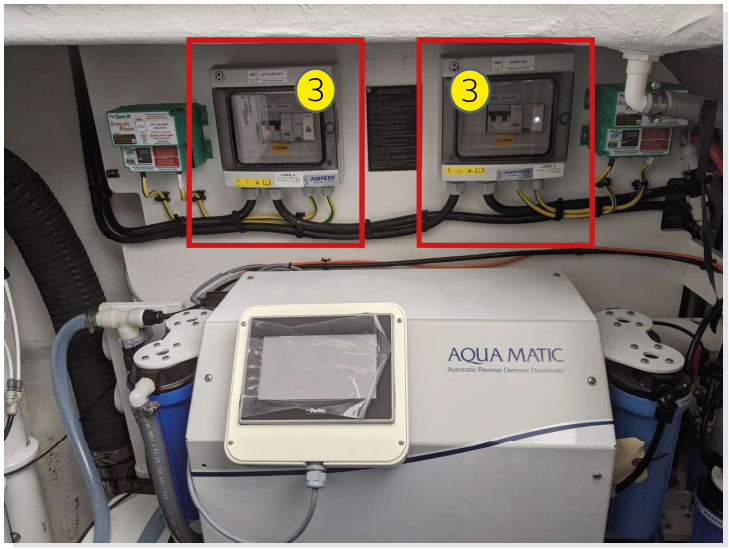
4.2 Shore Power Socket / Shore Supply

The boat is equipped with a shore power socket located in the aft starboard transom of the cockpit (1).
It supplies the 220V circuit and the battery chargers.
A second shore power socket dedicated to air conditioning is installed nearby if the boat is equipped with the air conditioning option.(2)



Before connecting or disconnecting the shore power cable, switch off the disconnecting means connected to the shore power supply.

Connect the boat/shore power cable on the boat before plugging it into the socket onshore.
Disconnect the boat/shore power cable on the shore first.
Close the shore power socket cap when the socket is not in use.



DANGER
Never let the end of the boat/shore supply cable hang in water. This may result in an electric field that could injure or kill nearby swimmers.

The shore power sockets are protected by circuit breakers located in the starboard engine compartment.(3)

ATTENTION
Before using the shore power sockets, be sure to check that the shore power is 63 Amps and not 32 Amps.

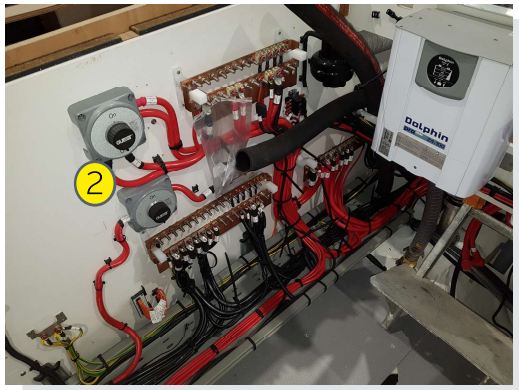
4.3 Batteries / Chargers

The 24V onboard battery bank supply is located under the front bench of the saloon. (1)

The overall power of the 24V circuit is switched on by activating the circuit breaker in the generator compartment under the forward cockpit.(2) Monitor the battery charge on the Scheiber/Navicolor display located inside the boat on the front of the starboard companionway (3). This information is also available on the navigation screens when the Yacht Management System option is selected.

Battery Charging

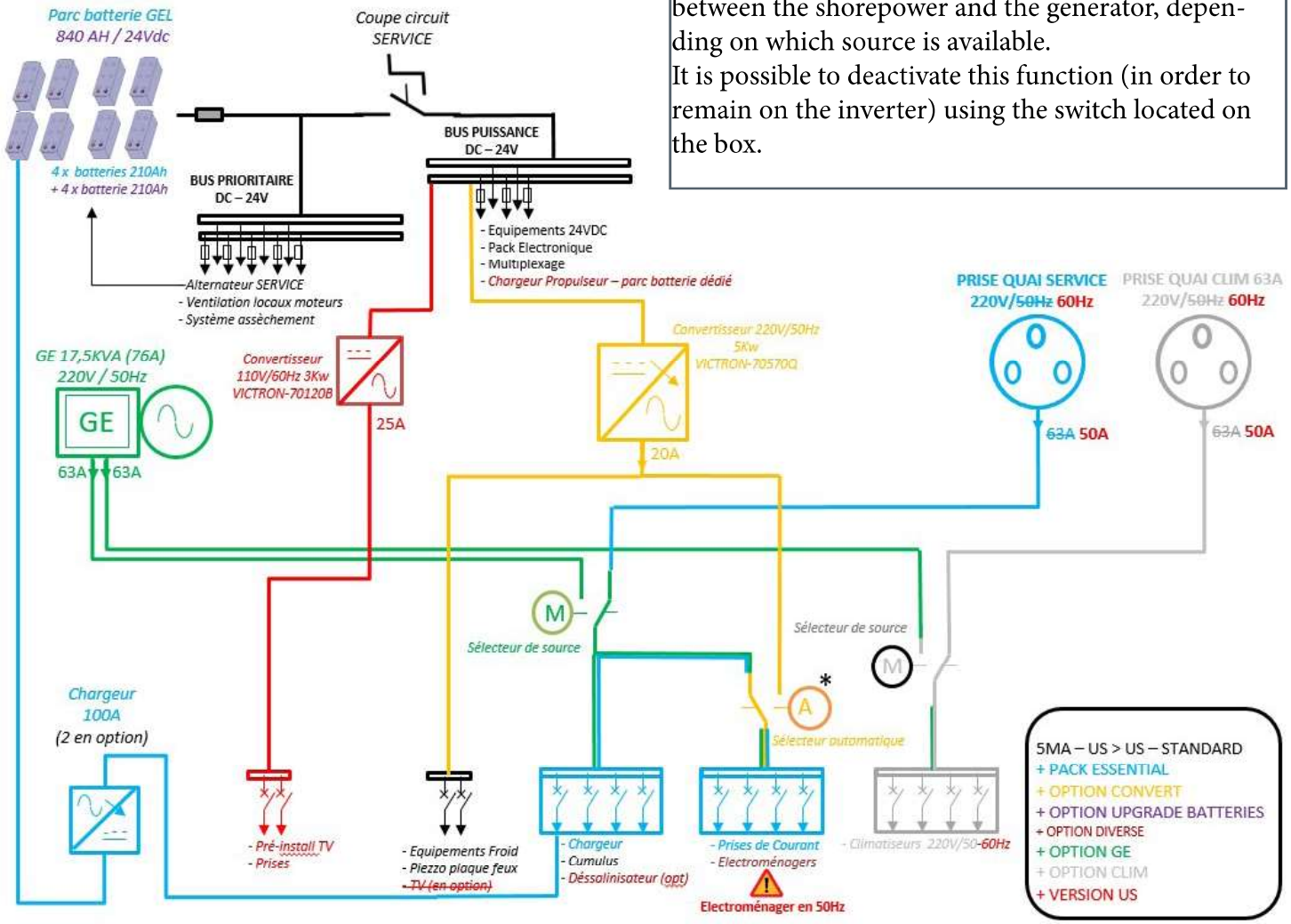
The battery bank is charged by two linked alternators. Depending on her specifications, the boat can be equipped with one or two 220 V / 24 V - 100A chargers.
The chargers are located behind the generator compartment under the front cockpit.



Operation

Check that the chargers are powered up by controlling their circuit breakers, located on the starboard AC electrical panel in the owner's cabin closet in the 4-cabin version, or in the closet of the centre starboard cabin in the 5- and 6-cabin versions.

For charging other than via the alternators, select the power source (generator, shore power) from the Scheiber/Navicolor screen located on the front of the starboard companionway.
The battery chargers can remain in operation even when the boat has been powered down to 24V.



* This selection box automatically switches AC power between the shorepower and the generator, depending on which source is available.
It is possible to deactivate this function (in order to remain on the inverter) using the switch located on the box.

4.4 24V / 220V Converters

The boat is equipped as standard with a 24V / 220V - 1200VA converter located at the front of the generator compartment, under the forward cockpit. (1)
This converter supplies the bus for the 220V refrigerators, piezo cookers, and TV sockets.

As an option this converter can be replaced by a 24V / 220V - 5000VA converter.
This converter supplies the comfort bus (comfort sockets, sockets in the technical compartments, and for household appliances), as well as a bus for 220V refrigerators, piezo cookers, and sockets for TVs.

24V/110V Converter

As an option, the boat can be equipped with a 24V / 110V - 3000VA converter located in the starboard bow of the generator compartment.
This converter supplies the comfort sockets in the cabins, the sockets in the technical areas, and the sockets for the TVs.

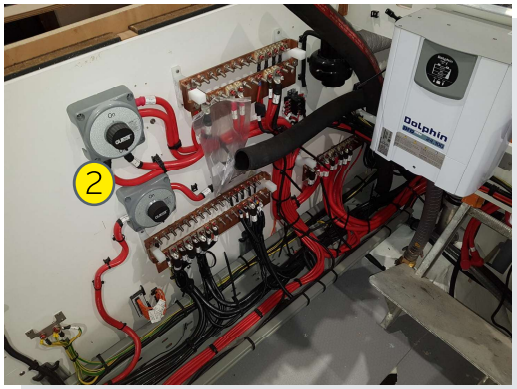
Operation

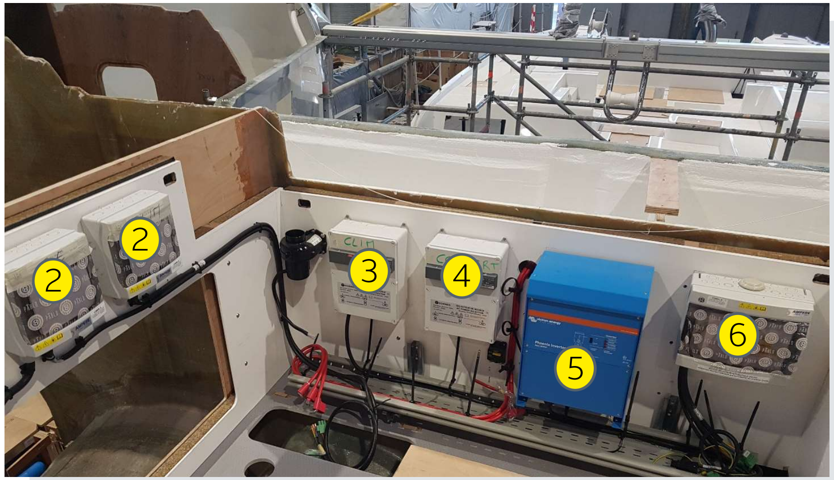
The converter(s) function once the 24V onboard circuit is powered.
General power to the 24V circuit is controlled by activating the circuit breaker, located in the generator compartment under the front cockpit. (2)

If the circuit breaker is not working, check the circuit breakers located near the converters.

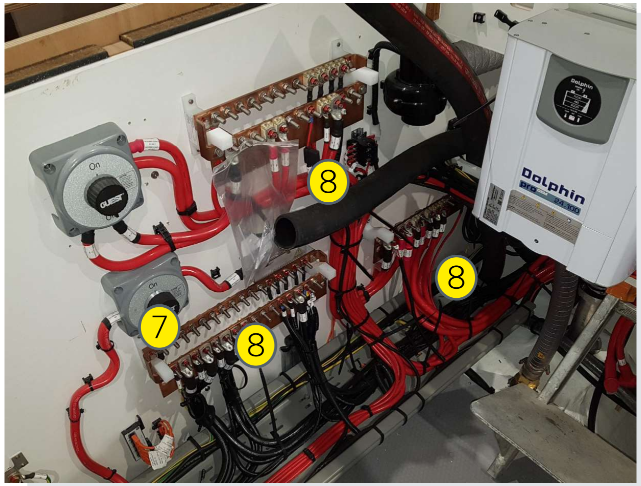
With the optional 5000VA converter, the boat is equipped with an automatic power selector enabling the selection of the generator, converter, or shore power for the comfort bus.
The power selector automatically selects the GENSET or shore source. It is also possible to manually deactivate this automatic function via a switch on the selector. This action makes it possible to remain on the converter for the comfort bus supply (for example, in the case of a 60Hz shore power supply).

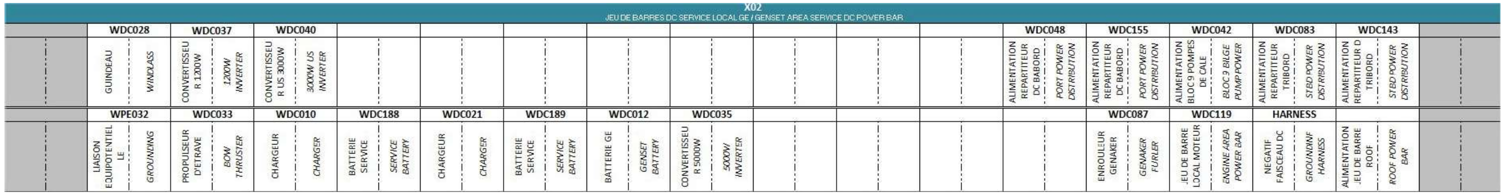
The power selector setting is visible on the Scheiber/Navicolor display located inside the boat in the starboard companionway. This information is also available on the navigation screens when the Yacht Management System option is selected.

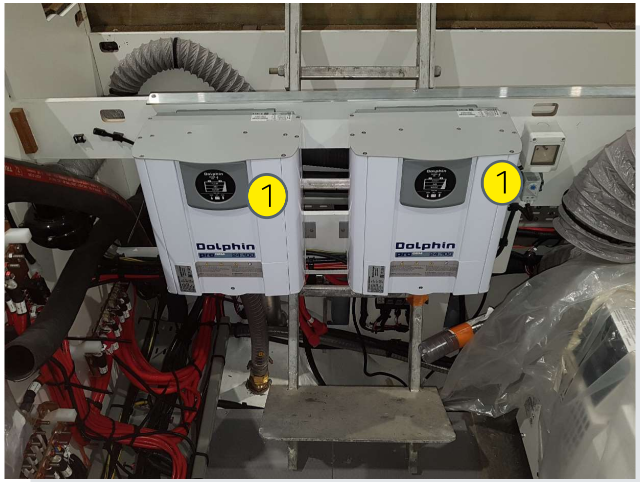


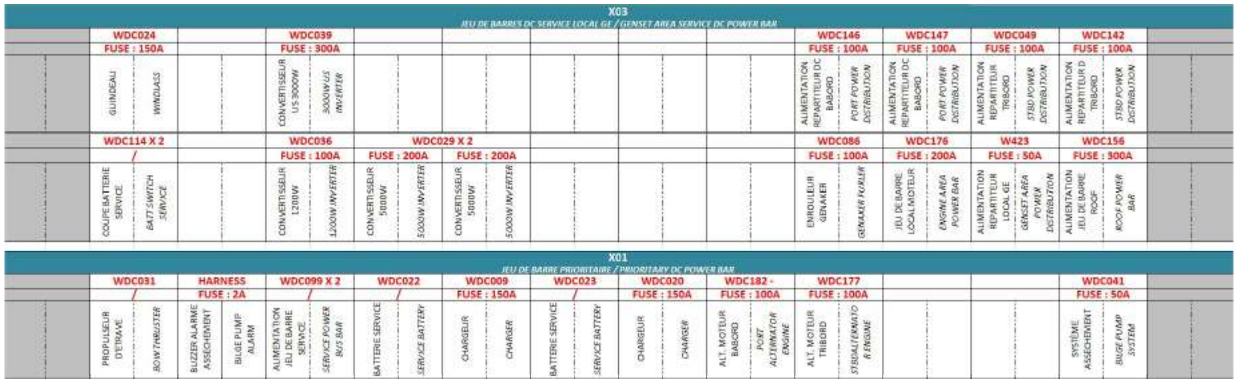


1- 100A Charger
2- 63A Differential Circuit Breaker Box
3- GENSET SCHEIBER Power Selector
4- Air Cond. SCHEIBER Power Selector
5- VICTRON 5000W Converter
6- 5000W Inverter Protection Box and Automatic Selector
7-Thruster Shut-Off (Optional)
8-Busbar Set









5 - PLUMBING SYSTEM

5.1 Fresh Water System - General Layout

See the EC Owner's Manual
Section ***9.1 Fresh Water System***

5.2 Filling

Four 240-liter HDPE freshwater tanks(1) positioned below the hallway floorboards, with level indicators on Scheiber/Navicolor screen in the starboard companionway (2).

- Equipped with 2 deck fillers on port and starboard and a shore power socket on the starboard bathing platform.
  The shore connector is on the starboard side of the swim platform (optional)(3).
- The freshwater shore supply enables you to use the shore pressure directly on board without using the water unit (4).
- Hot water production is ensured by a 220V, 60L-capacity water heater (5).
  In the 6-cabin layout, the 60L hot water tank is replaced by a 100L hot water tank positioned under the floorboards of the hallways.

To prevent operating errors, do not fill the water and fuel tanks at the same time.

WHEN FILLING THE TANKS

- Open and close the deck filler cap with the appropriate wrench.
- Check the condition of the fuel filler cap seal when filling.
- The tanks are equipped with vented overflow outlets.
- Never push the water filler hose deep into the system to avoid overpressure in the water circuit.

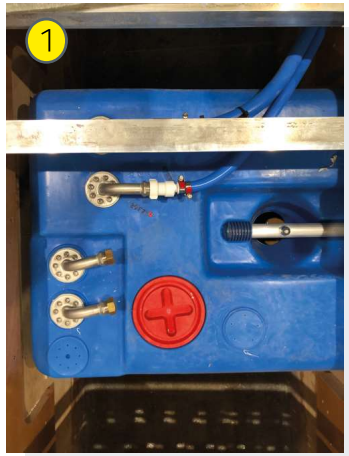
Note: The freshwater tank(s) capacity shown on the Scheiber/Navicolor screen may not be fully usable, depending on the boat's trim and load.

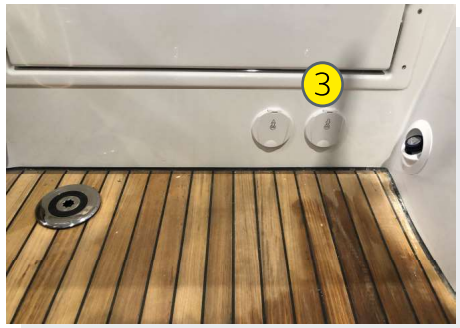
WARNING
In case of empty tanks, switch off the water unit to avoid any damage to the unit.

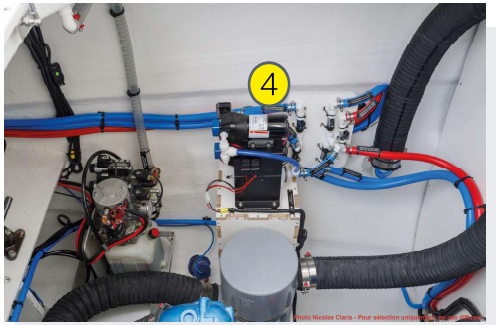
NOTICE
Monitor water quality before filling. Verify that the water is drinkable.
In case of extended inactivity, purify tanks and pipes with an appropriate treatment.

The boat is equipped with an optional freshwater shore connector.
TO USE FRESH WATER FROM THE HARBOR:

- Connect the shore connector.
- Turn the water unit switch to OFF.







5.3 Distribution

The water unit is located in the port engine compartment (1).
It is activated by a switch located on the 10-function control panel on the front of the starboard companionway. (2)

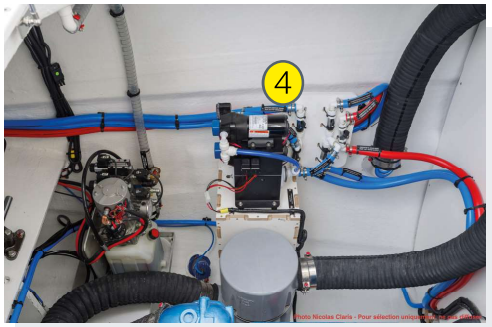
The equipment manufacturer's manuals give you detailed explanations on the operating procedure and all the steps to ensure proper function.

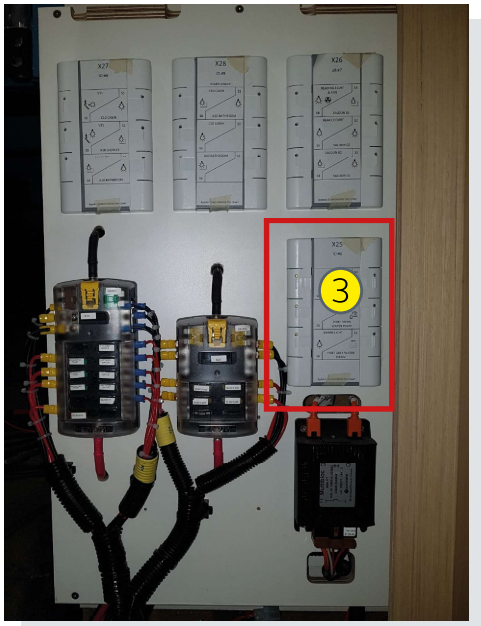
All the equipment monitored by the SCHEIBER system is powered via 9-function blocks (3).

Each 9-function block is protected by a nearby fuse.

Each block output, supplying a piece of equipment, is electronically protected. To bypass this protection, insert the appropriate fuse on the output of the block.

For the water unit (2), the power supply block 9 is located in the storage locker of the port companionway (3) and is protected by a fuse.
BLOC X25 - FUSE 1: 20Amp





NOTICE
Never operate the water system equipment when the valves are closed or when the tanks are empty (risk of damage to the electrical equipment).
Monitor the condition of the various water filters.

5.4 Water Heater

The water heater (1) operates automatically on the 220V circuit after connecting the shore power socket or switching on the generator or converter.

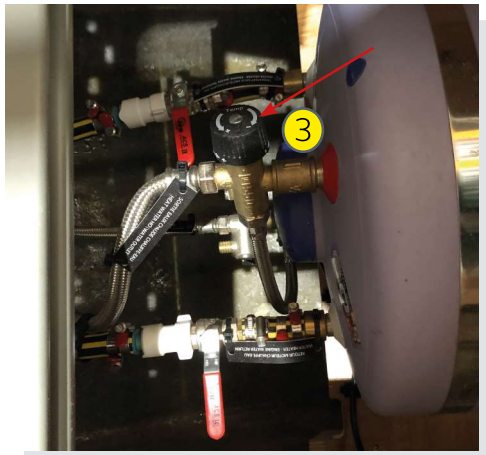
The equipment manufacturer's manuals give you detailed explanations on the operating procedure and all the steps to ensure proper function.

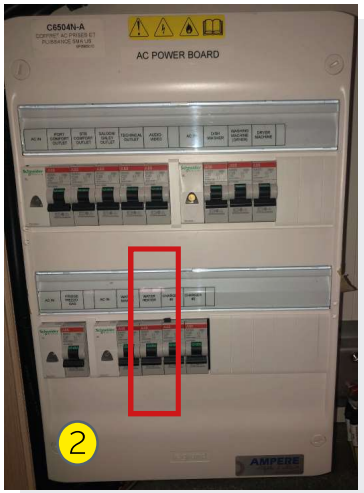
Check that the circuit breaker on the Power A bus is switched on at the electrical panel, located in the owner's cabin storage locker in the 4-cabin version, or in the storage locker of the centre starboard cabin in the 5- and 6-cabin versions. (2)

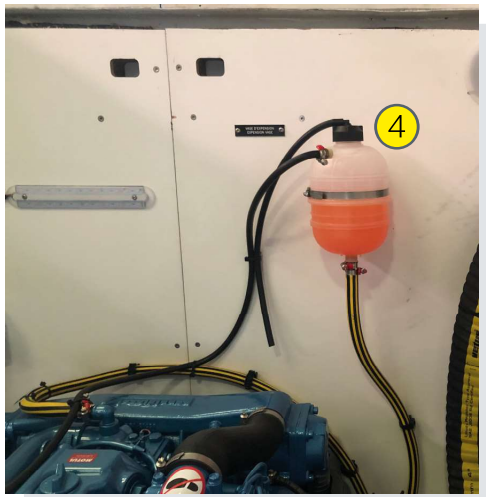
WATER HEATER: 16Amp

The temperature of the hot water is pre-set by means of the thermostat tap located on the heater(s) (3).

Regularly check the level of the expansion tank (4) located in the starboard engine compartment.







NOTICE

When the heater(s) is/are not in use, switch it/them off from its/their 220V circuit.
Before turning on the 220V circuit, check that the water heater is filled with water.

WARNING

Never turn on the system when the valves are in the closed position or when the tanks are empty.

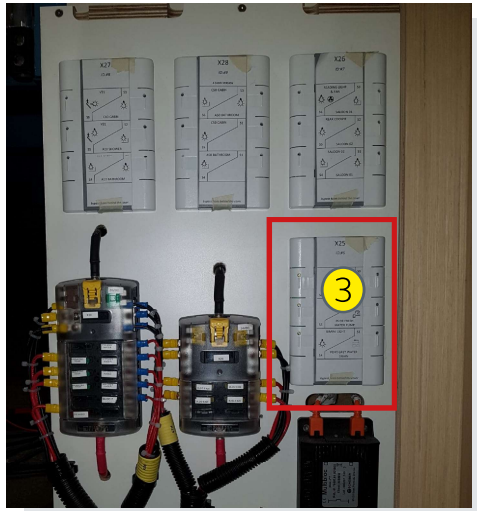
5.5 Cockpit Shower

The boat is equipped with a hot/cold water cockpit shower on the aft starboard side of the transom. (1)

It is activated by the water unit switch (2) located on the 10-function control of the starboard companionway.

All the equipment monitored by the SCHEIBER system is powered via 9-function blocks.
Each 9-function block is protected by a nearby fuse.
Each block output, supplying a piece of equipment, is electronically protected.
To bypass this protection, insert the appropriate fuse on the output of the block.

For the water unit (2), the power supply block 9 is located in the storage locker of the port companionway (3) and is protected by a fuse.
BLOC X25 - FUSE 1: 20Amp



5.6 Forward and Stern Deck Washdown Pumps

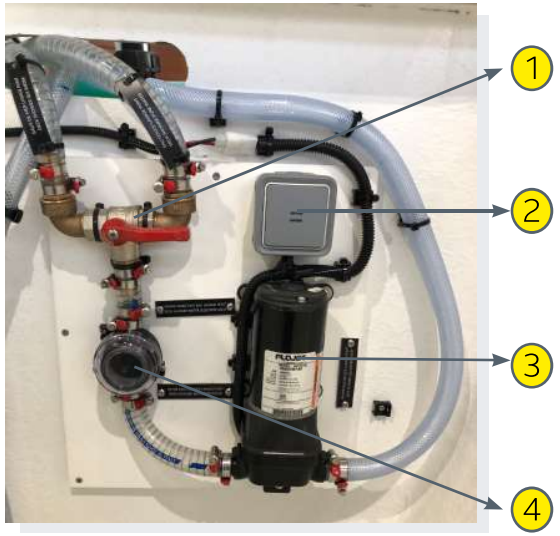
Optionally, the boat can be equipped with:
- a freshwater/seawater forward deck washdown pump (8)
- a freshwater deck washdown pump on the aft starboard transom (10).

The equipment manufacturer's manuals give you detailed explanations on the operating procedure and all the steps to ensure proper function.

The bow deck washdown pump is located in the portside locker of the forward cockpit.
It supplies sea water or fresh water from the tanks.
The selection valve (1) for fresh or sea water is located next to the pump (3).
Power up the deck washdown pump with the switch (2) located on top of the pump.
Open the seawater intake valve located under the forward portside bathroom.

The circuit breaker is located on the busbar in the generator compartment (9).
The pump is protected by a FUSE 2 fuse: 10Amp

1- Three-Way Control Valve
2- Switch
3- Washdown Pump
4- Filter
5- Seawater/Freshwater Intake Selection Valve
6- Switch on DC Panel
7- Fuse
8- Hose Connection Outlet



REP : X159
CODE ARTICLE : 000001162416
BOITIER BLUE SEA 6 FUSIBLES AVEC MASSE

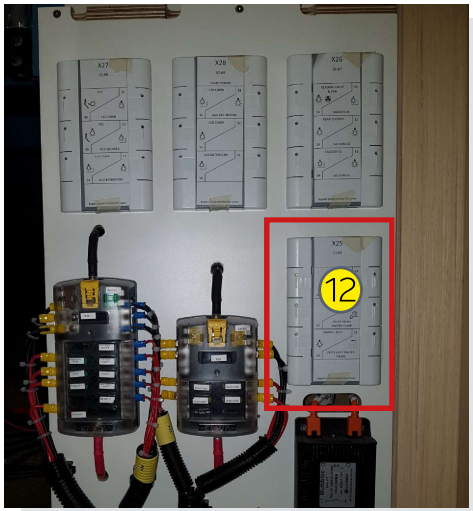
BORNE	CABLE	FIL	COULEUR	CALIBRE	ETIQUETTE
GND6	W350	W350	NOIR_1_5MM2		
GND6	W352	W352	NOIR_1_5MM2		
GND5	W376	W376	NOIR_1MM2		
GND4	W416	W416	NOIR_2_5MM2		
GND1	W396	W396	NOIR_1_5MM2		
GND2	W392	W392	NOIR_1_5MM2		
GND3	W422	W422	NOIR_2_5MM2		
FUSE1					
FUSE3	W421	W421	ROUGE_2_5MM2	10A	ELECTRICAL TABLE
FUSE5	W387	W387	ROUGE_1_5MM2	10A	GENSET SEA WATER PUMP
FUSE6	W379	W379	ROUGE_1_5MM2	3A	FAN GENSET
FUSE4	W378	W378	ROUGE_1_5MM2	3A	FAN GENSET (OPT)
FUSE2	W414	W414	ROUGE_2_5MM2	9 10A	DECK WASHING PUMP
GND	W424	W424	NOIR_10MM2		
ALIM	W423	W423	ROUGE_10MM2		

For the deck washdown pump on the aft starboard transom, the outlet is supplied with fresh water only via the onboard pressurized system.

It is activated by the water unit switch (11) located on the 10-function control panel on the front of the starboard companionway.

All the equipment monitored by the SCHEIBER system is powered via 9-function blocks.
Each 9-function block is protected by a nearby fuse.
Each block output, supplying a piece of equipment, is electronically protected.
To bypass this protection, insert the appropriate fuse on the output of the block.

For the water unit (11), the power supply block 9 is located in the storage locker of the port companionway (12) and is protected by a fuse.
BLOC X25 - FUSE 1: 20Amp



5.7 Grey Water/Black Water

See the EC Owner's Manual

Sections
9.2 Black water system
9.3 Grey water system

5.8 Watermaker

The boat can be equipped with an optional watermaker, located in the starboard engine room (3).

The equipment manufacturer's manuals give you detailed explanations on the operating procedure and all the steps to ensure proper function.

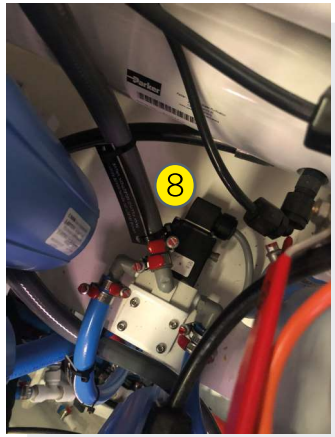
The watermaker runs with the generator on. Open the seawater intake valve (1).

To power up the watermaker, located in the owner's cabin storage locker in the 4-cabin version or the storage locker in the starboard cabin in the 5/6-cabin version (10):

WATER MAKER 20Amp

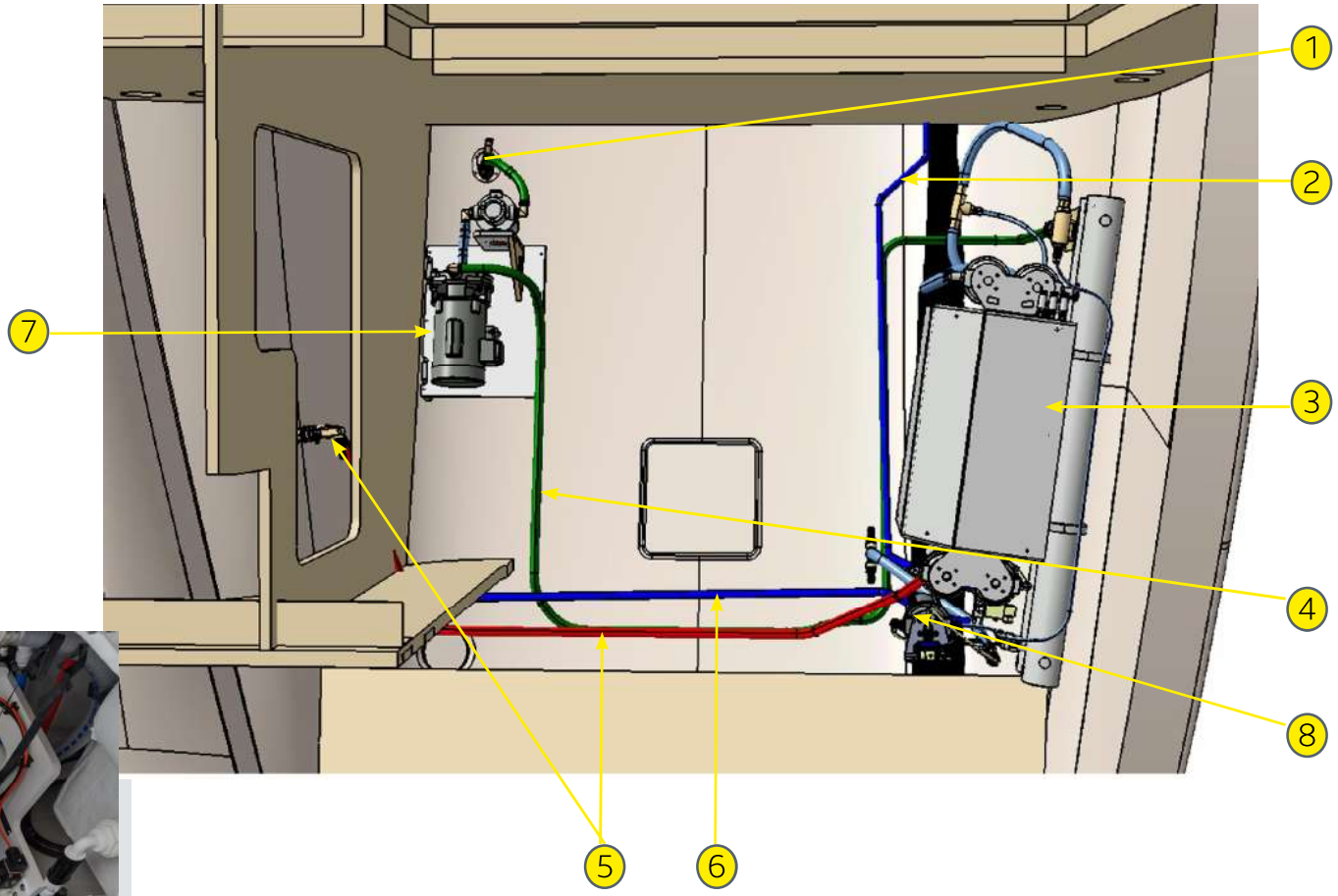
Start the watermaker with the control located in the starboard companionway (9).
The watermaker circuit is equipped with a three-way solenoid valve (8) to supply fresh water to the port or starboard tank. This valve is located behind the watermaker and can be controlled from the Scheiber/Navicolor screen (11) only when the watermaker is powered.

The watermaker has an automatic rinse function at the end of the cycle.
Make sure that the water unit is turned on when using the watermaker.



NOTICE
The watermaker may only be used in a clear-water environment.

1- Water Intake
2- Fresh Water Filling into the Starboard Tank
3- Watermaker
4- Sea Water
5- Discharge
6- Fresh Water Filling Port Tank
7- Seawater Intake Pump
8- Tank Selection Valve
9- Watermaker Control
10- Circuit Breaker
11- Scheiber/Navicolor Screen



6 - COMFORT ON BOARD

6.1 Air Conditioning

See the EC Owner's Manual

Section ***9.6 Optional Air Conditioning***

6.2 Washer / Dryer

Optionally, the boat may be equipped with:
a washing machine / a washer/dryer and a tumble dryer, located in the port passageway (1) in the 4/5-cabin version and in the saloon near the oven in the 6-cabin version.

The equipment manufacturer's manuals give you detailed explanations on the operating procedure and all the steps to ensure proper function.

The washing machine is supplied with fresh water via the pressurized water system on board.

Make sure that the water group switch, located on the front of the starboard companionway, on the 10-function control panel (2), is turned on, and that the freshwater tanks are full (3).

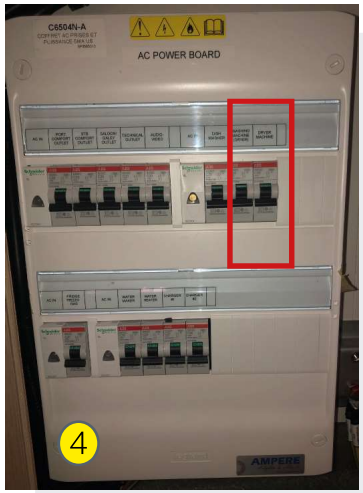
The discharge is carried out via the grey water system of the float.

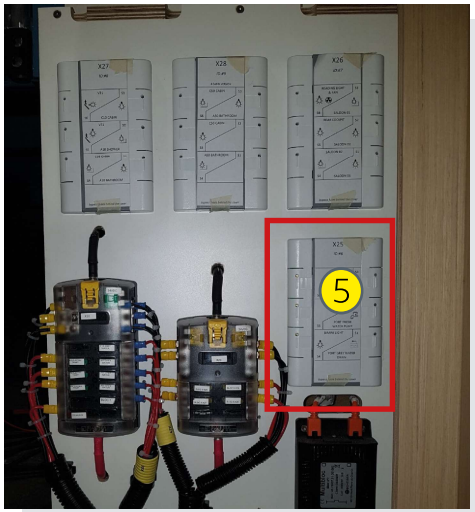
Check that the circuit breaker on the Power A bus, located in the owner's cabin storage locker in the 4-cabin version or the storage locker in the starboard mid-cabin in the 5/6-cabin version, is switched on (4).

WACHING MACHINE 20 Amp
DRYER MACHINE 20 Amp

Power Supply
Select the power source (generator or shore power #1 or the converter) from the Scheiber/Navicolor screen (2).

WARNING
The «wash, spin, dry» program of the washing machine may exceed the capacity of the grey water tank: it should therefore only be used in direct discharge.





NOTICE
Do not use the washer-dryer while sailing.

All the equipment monitored by the SCHEIBER system is powered via 9-function blocks.
Each 9-function block is protected by a nearby fuse.
Each block output, supplying a piece of equipment, is electronically protected.
To bypass this protection, insert the appropriate fuse on the output of the block.

For the water unit (2), the power supply block 9 is located in the storage locker of the port companionway (5) and is protected by a fuse.
BLOC X25 - FUSE 1: 20Amp

6.3 Dishwasher

The boat can be equipped with an optional dishwasher located in the storage locker next to the sink(1).

The equipment manufacturer's manuals give you detailed explanations on the operating procedure and all the steps to ensure proper function.

The dishwasher is supplied with fresh water via the pressurized water system on board.

Make sure that the water group switch, located on the front of the starboard companionway (2), is turned on, and that the freshwater tanks are full (3).

It shares the same drain as the sink, located under the sink.

Check that the circuit breaker on the Power A bus, located in the owner's cabin storage locker in the 4-cabin version or the storage locker in the starboard mid-cabin in the 5/6-cabin version, is switched on (4).

WASHING MACHINE 20 Amp

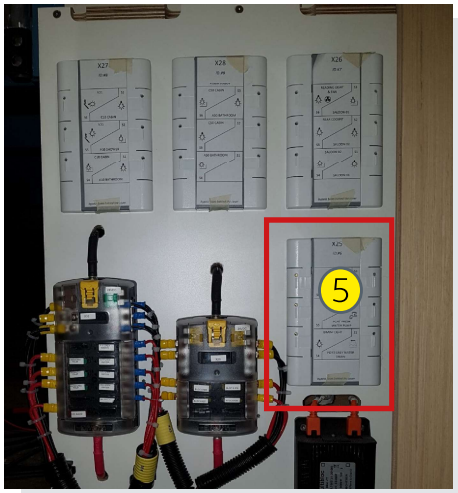
Power Supply

Select the power source (generator or shore power #1 or the inverter) from the Scheiber/Navicolor screen (3).

It is possible to empty the grey water from the kitchen, including the dishwasher, into the grey water tank or directly into the sea via the three-way valve under the sink.

NOTICE

Use the dishwasher with the battery bank converter. Check that the battery bank is charged.



All the equipment monitored by the SCHEIBER system is powered via 9-function blocks.
Each 9-function block is protected by a nearby fuse.
Each block output, supplying a piece of equipment, is electronically protected.
To bypass this protection, insert the appropriate fuse on the output of the block.

For the water unit (2), the power supply block 9 is located in the storage locker of the port companionway (5) and is protected by a fuse.
BLOC X25 - FUSE 1: 20Amp

6.4 Refrigerators/freezers

The boat can be equipped with different refrigerators/freezers either in 24V or in 220V, depending on the model (1-2-3).

The equipment manufacturer's manuals give you detailed explanations on the operating procedure and all the steps to ensure proper function.

24V APPLIANCES

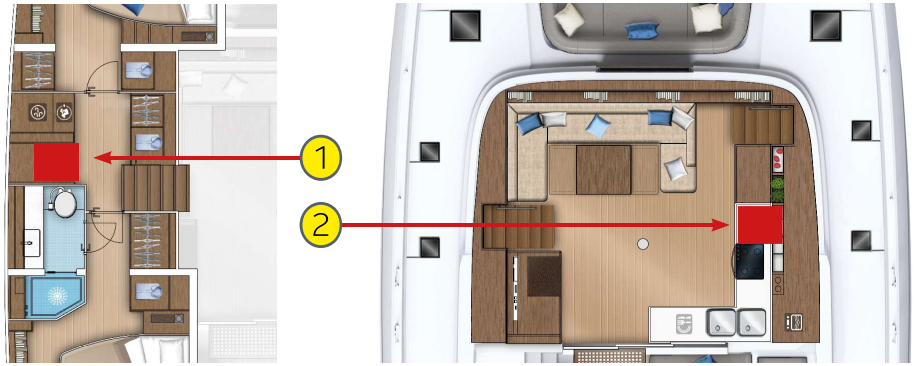
When the 24V general power supply is switched on, the equipment (4) is powered via the switch on the 10-function control panel located on the front panel of the starboard companionway. Then turn on the devices using their thermostat button.

Defrost and drain these appliances before interrupting the onboard 24V circuit.

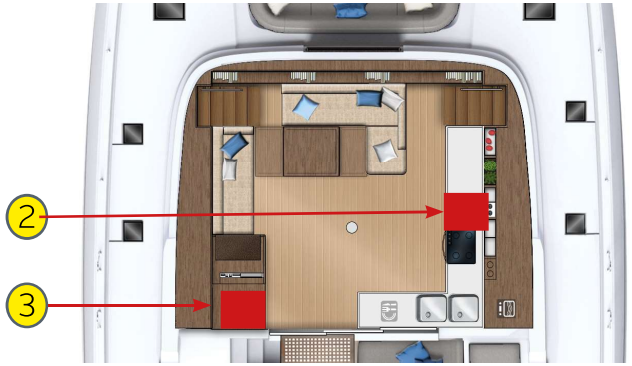
All the equipment monitored by the SCHEIBER system is powered via 9-function blocks.
Each 9-function block is protected by a nearby fuse.
Each block output, supplying a piece of equipment, is electronically protected.
To bypass this protection, insert the appropriate fuse on the output of the block.

For the DC fridges, the power supply block 9 is located in the storage locker of the starboard companionway (5) and is protected by a fuse.
X10 - FUSE 1: 20Amp

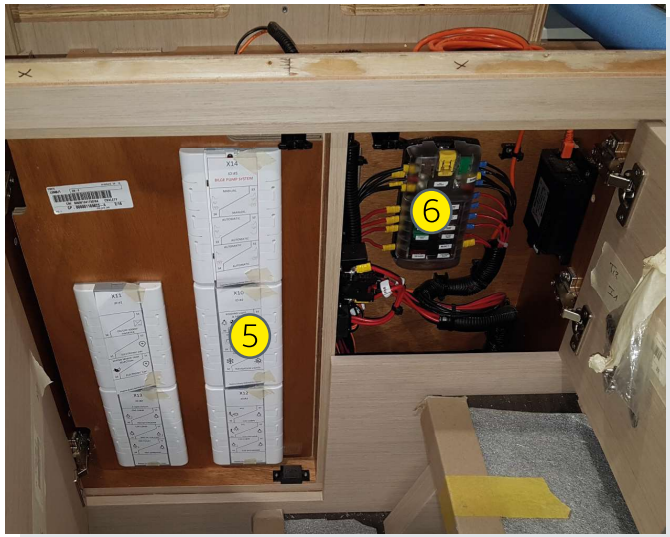
4/ 5-Cabin Layout

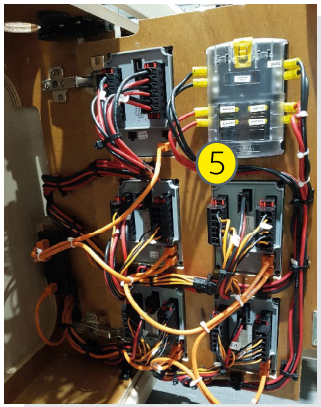


6-Cabin Layout



1- 220V refrigerator/freezer is standard on the 4C and 5C versions
2- 24V 130l refrigerator or 24V 110l freezer
3- 220V refrigerator is standard in the 6C version





5

FUSE1	ROUGE_6MM2	20A	BLOC 9 X10
FUSE3	ROUGE_6MM2	20A	BLOC 9 X11
FUSE5			
FUSE6			
FUSE4	ROUGE_6MM2	20A	BLOC 9 X13
FUSE2	ROUGE_6MM2	20A	BLOC 9 X12

FUSE 12	W 102	W 102	ROUGE_6MM2	7.5A 6	STBD FRIDGE SALOON
FUSE 6	W 132	W 132	ROUGE_2_5MM2	5A	A40 GREY WATER
FUSE 11	W 134	W 134	ROUGE_4MM2	10A	C60 AUDIO
FUSE 5	W 128	W 128	ROUGE_6MM2	30A	A40 ELECTRIC TOILET
FUSE 10	W 161	W 161	ROUGE_1_5MM2	3A	BLOC 7
FUSE 4	W 131	W 131	ROUGE_2_5MM2	5A	A20 GREY WATER
FUSE 9					
FUSE 3	W 127	W 127	ROUGE_6MM2	30A	A20 ELECTRIC TOILET
FUSE 8	W 133	W 133	ROUGE_2_5MM2	5A	A60 GREY WATER
FUSE 2	W 130	W 130	ROUGE_2_5MM2	5A	P20 GREY WATER
FUSE 7	W 129	W 129	ROUGE_6MM2	30A	A60 ELECTRIC TOILET

NOTICE
Use the refrigerators with the battery bank converter.
Check that the battery bank is charged.

Each 24V refrigerator is then protected by a dedicated fuse.

Optional galley refrigerator or freezer (6).
FUSE 12: Fuse 7.5A

220V APPLIANCES

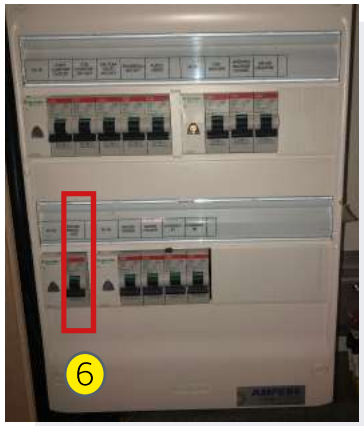
Check that the circuit breaker on the Power A bus, located in the owner's cabin storage locker in the 4-cabin version or the storage locker in the centre starboard cabin, in the 5/6-cabin version is switched on (6).

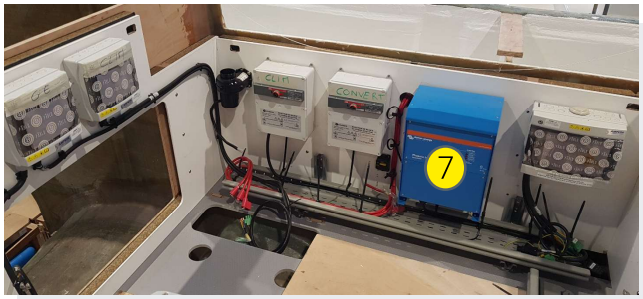
FRIDGE PIEZO GAS 10Amp

Power Supply

The equipment (refrigerators) is powered by the Permanent D Bus, supplied by the 1200V or 5000V converter (7), located in the generator compartment.

Defrost and drain these appliances before interrupting the on-board 220V circuit.





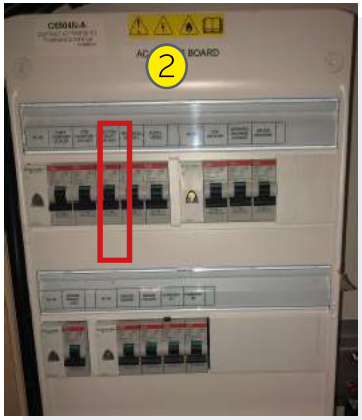
6.5 Microwave

The boat may be equipped with an optional 220V microwave (1).

The equipment manufacturer's manuals give you detailed explanations on the operating procedure and all the steps to keep it functioning properly.

Check that the circuit breaker on the Power A bus, located in the owner's cabin storage locker in the 4-cabin version or the storage locker in the starboard mid-cabin in the 5/2-cabin version, is switched on (6)(SALOON/ GALLEY OUTLET).

MICROWAVE 20Amp



6.6 Water Purifier

The boat may optionally be equipped with a water purifier (1).

The device is installed under the sink.

The equipment manufacturer's manuals give you detailed explanations on the operating procedure and all the steps to keep it functioning properly.

NOTICE
Replace the filter cartridge at least once a year, and/or as soon as odors, cloudy color, etc., appear.

7 - ELECTRONICS / TV

7.1 TVs

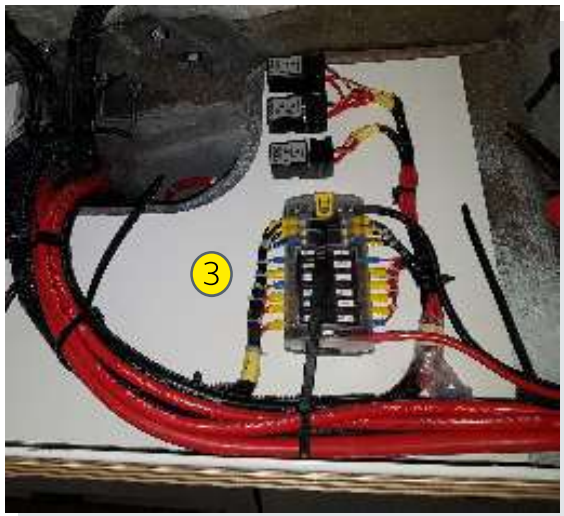
The boat can be equipped with an optional recessed TV mounted on a retractor in the saloon ceiling (1).

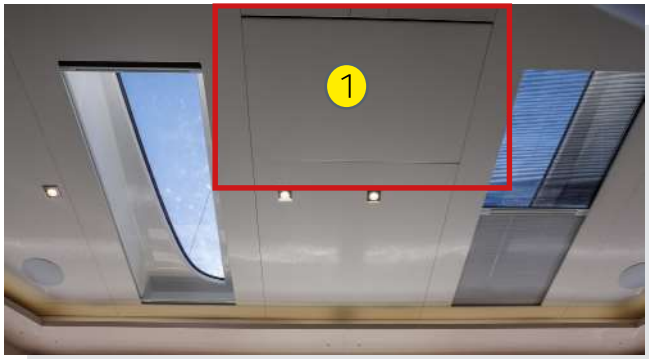
The equipment manufacturer's manuals give you detailed explanations on the operating procedure and all the steps to keep it functioning properly.

When the 24V circuit is switched on, the TV lift support is operational.

The switch for the TV lift support is located at the chart table (3).

The protection (fuse) is located in the mast foot area, accessible through the saloon ceilings.(3)
FUSE 2: 10Amp





FUSE 12	W 019	W 019	ROUGE_2_5MM2	3A	USB CHARGER
FUSE 6	W 453	W 453	ROUGE_4MM2	10A	AUDIO SALOON
FUSE 6	W 037	W 037	ROUGE_1_5MM2	10A	AUDIO SALOON
FUSE 11	W 435	W 435	ROUGE_6MM2	7.5A	COCKPIT FRIDGE
FUSE 5	W 029	W 029	ROUGE_2_5MM2	7.5A	SAT BOX
FUSE 10	W 473	W 473	ROUGE_4MM2	10A	AUDIO FLY
FUSE 4	W 465	W 465	ROUGE_4MM2	10A	AUDIO AFT COCKPIT
FUSE 9	W 428	W 428	ROUGE_6MM2	7.5A	FLY FRIDGE
FUSE 3	W 359	W 359	ROUGE_6MM2	15A	12V ELEC VAV EQUIP
FUSE 8	W 469	W 469	ROUGE_4MM2	10A	AUDIO FWD COCKPIT
FUSE 2	W 413	W 413	ROUGE_2_5MM2	10A (3)	TV LIFT
FUSE 7	W 420	W 420	ROUGE_6MM2	7.5A	PORT SALOON FRIDGE
FUSE 1	W 442	W 442	ROUGE_1_5MM2	2A	WINDLASS COUNTER

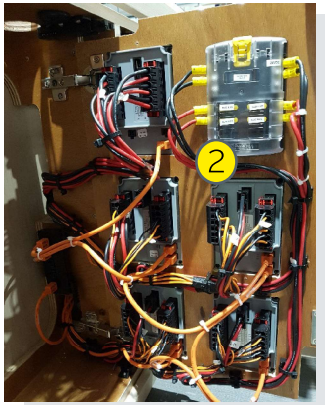
7.2 Electronics

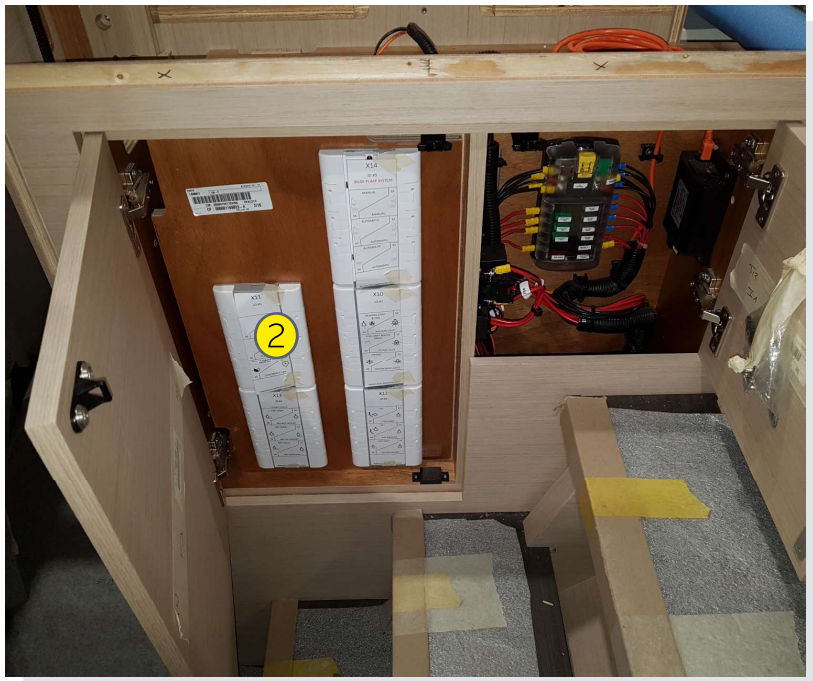
The boat is equipped with an optional electronic package and various navigation aids. The various devices are listed below.

When the 24V general power supply is switched on, the electronics is powered via the switch on the 10- control panel located on the front of the starboard companionway (1).

All the equipment monitored by the SCHEIBER system is powered via 9-function blocks.
Each 9-function block is protected by a nearby fuse.
Each block output, supplying a piece of equipment, is electronically protected.
To bypass this protection, insert the appropriate fuse on the output of the block.

For electronics, the power supply block 9 is located in the storage locker of the starboard companionway (2) and is protected by a fuse.
BLOC X11 - FUSE 3: 20Amp

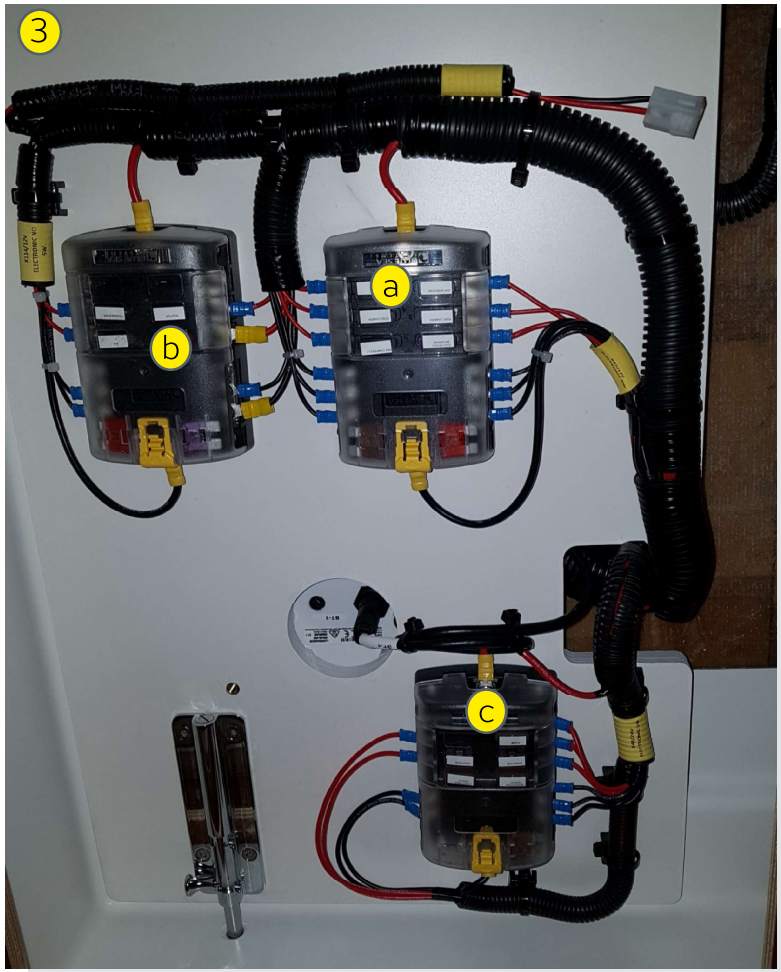




FUSE1	ROUGE_6MM2	20A	BLOC 9 X10
FUSE3	ROUGE_6MM2	20A	BLOC 9 X11
FUSE5			
FUSE6			
FUSE4	ROUGE_6MM2	20A	BLOC 9 X13
FUSE2	ROUGE_6MM2	20A	BLOC 9 X12

7 - ELECTRONICS / TV

The various fuses for the electronic equipment are located in the ceiling of the saloon in front of the pillar (3).



a

FUSE1	W 379	W 379	ROUGE_2_5MM2	3A	ELECTRONIC BACKBONE
FUSE3	W 381	W 381	ROUGE_1_5MM2	2A	PORT CAMERA
FUSE5	W 383	W 383	ROUGE_1_5MM2	2A	VHF WIRELESS
FUSE6	W 385	W 385	ROUGE_2_5MM2	5A	NEP2
FUSE4	W 387	W 387	ROUGE_1_5MM2	2A	STBD CAMERA
FUSE2	W 501	W 501	ROUGE_1_5MM2	1A	MAG COMPASS LT

b

FUSE1	W 467	W 467	ROUGE_4MM2	10A	VHF
FUSE3	W 491	W 491	ROUGE_1_5MM2	3A	ROUTER
FUSE5					
FUSE6					
FUSE4	W 493	W 493	ROUGE_1_5MM2	3A	WEBSERVER
FUSE2	W 469	W 469	ROUGE_1_5MM2	2A	AIS

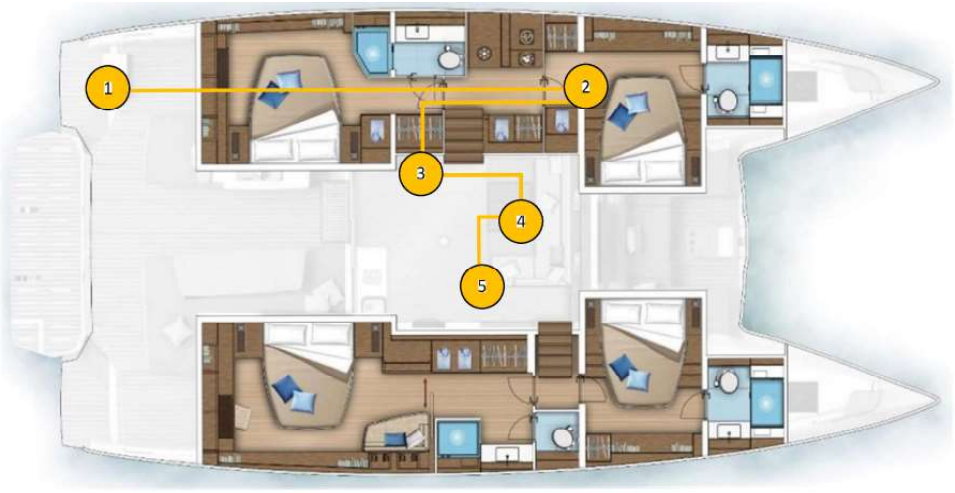
c

FUSE1	W 363	W 363	ROUGE_2_5MM2	5A	HELM STATION DISPLAY
FUSE3	W 367	W 367	ROUGE_2_5MM2	3A	SONAR HUB
FUSE5	W 449	W 449	ROUGE_2_5MM2	5A	RADAR
FUSE6					
FUSE4	W 369	W 369	ROUGE_2_5MM2	3A	FISCH FINDER
FUSE2	W 365	W 365	ROUGE_2_5MM2	5A	CHART TABLE DISPLAY

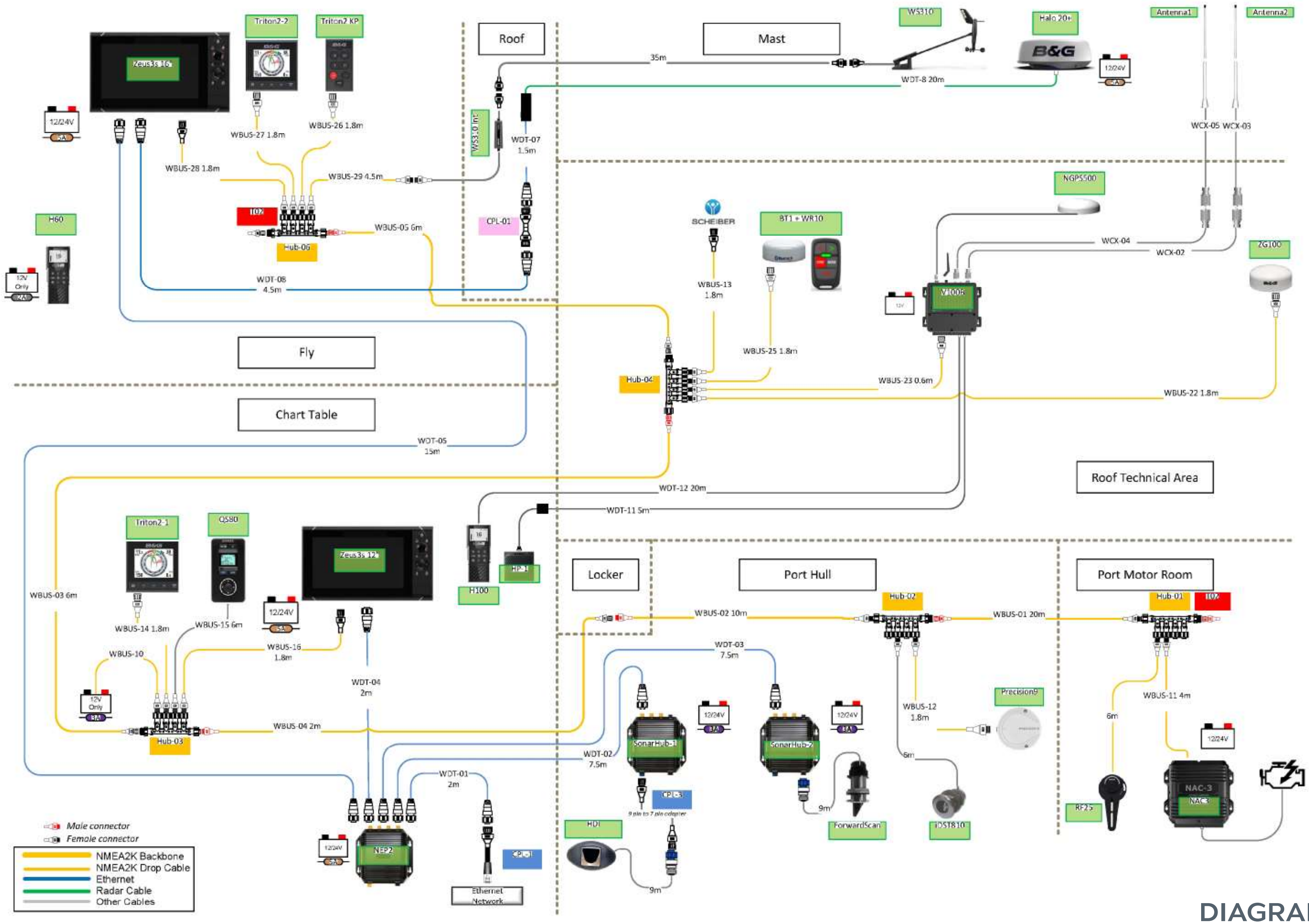
The only exception being the fuse for the autopilot computer, which is located on the port engine compartment busbar. 30Amp Fuse (4)

X04
JEU DE BARRES DC LOCAL MOTEUR BABORD / STBD ENGINE AREA DC POWER BAR

			WDC017	2 x WDC018	WDC051	W021	WDC172		WDC170	
	ALIMENTATION JEU DE BARRE LOCAL GE / *GENSET POWER BAR*		BATTERIE DEMARRAGE BABORD / PORT STARTING BATTERY	BATTERIE DEMARRAGE TRIBORD / STBD STARTING BATTERY	REPARTITEUR ALIM. LOCAL MOTEUR / *ENGINE AREA POWER DISTRIBUTOR*	CALCULATEUR PILOTE / *AUTOPILOT HYDRAULIC*	BOSSOIR ELECTRIQUE / *ELECTRICAL DAVIT*		TENDER LIFT / *TENDER LIFT*	
	WDC176				WDC050	W054	WDC171		WDC169	
	FUSE : 200A				FUSE : 30A	FUSE : 30A	FUSE : 100A		FUSE : 100A	
	ALIMENTATION JEU DE BARRE LOCAL GE / *GENSET POWER BAR*				REPARTITEUR ALIM. LOCAL MOTEUR / *ENGINE AREA POWER DISTRIBUTOR*	CALCULATEUR PILOTE / *AUTOPILOT HYDRAULIC*	BOSSOIR ELECTRIQUE / *ELECTRICAL DAVIT*		TENDER LIFT / *TENDER LIFT*	

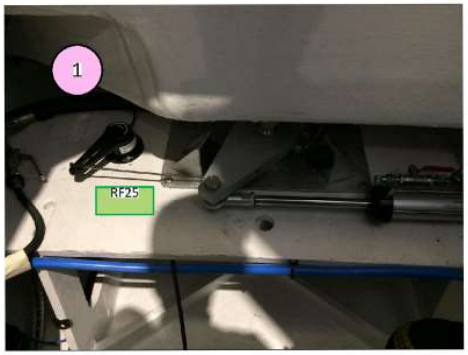


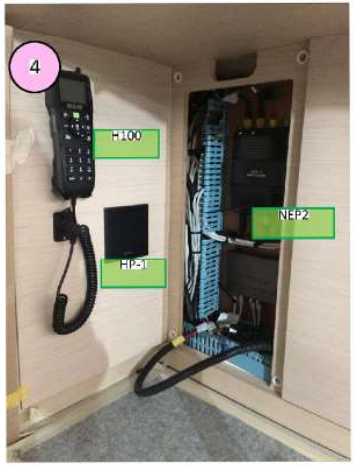
BACKBONE LOCATIONS

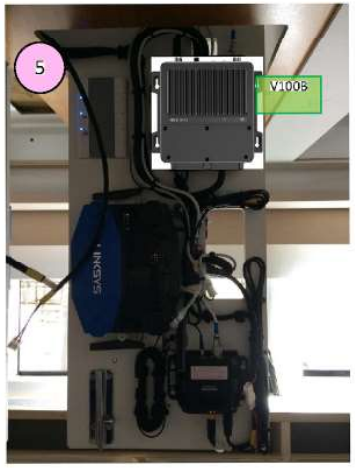


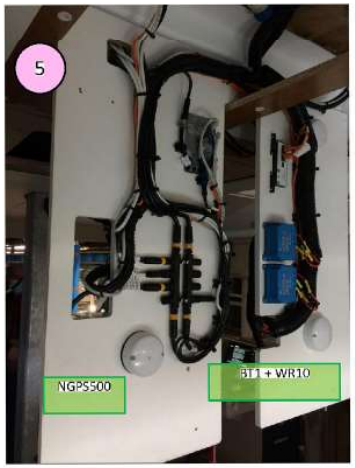
Roof
Mast
Fly
Chart Table
Roof Technical Area
Locker
Port Hull
Port Motor Room
Zeus3s 16"
Triton2-2
Triton2 KP
WS310
Halo 20+
Antenna1
Antenna2
H60
Hub-06
Hub-04
Hub-03
Hub-02
Hub-01
NGPS500
BT1 + WR10
V100S
ZG100
Triton2-1
Q580
Zeus3s 12"
H100
SonarHub-1
SonarHub-2
Precision9
ForwardScan
NEP2
HDI
RF25
NAC-3
WBUS-27 1.8m
WBUS-26 1.8m
WBUS-28 1.8m
WBUS-29 4.5m
WBUS-05 6m
WDT-08 4.5m
WDT-07 1.5m
WDT-8 20m
35m
WCX-05 WCX-03
WCX-04
WCX-02
WBUS-13 1.8m
WBUS-25 1.8m
WBUS-23 0.6m
WBUS-22 1.8m
WDT-05 15m
WDT-12 20m
WDT-11 5m
WBUS-03 6m
WBUS-14 1.8m
WBUS-15 6m
WBUS-16 1.8m
WBUS-10
WBUS-04 2m
WDT-04 2m
WDT-01 2m
WDT-02 7.5m
WDT-03 7.5m
WBUS-02 10m
WBUS-01 20m
WBUS-12 1.8m
WBUS-11 4m
Male connector
Female connector
NMEA2K Backbone
NMEA2K Drop Cable
Ethernet
Radar Cable
Other Cables
Ethernet Network

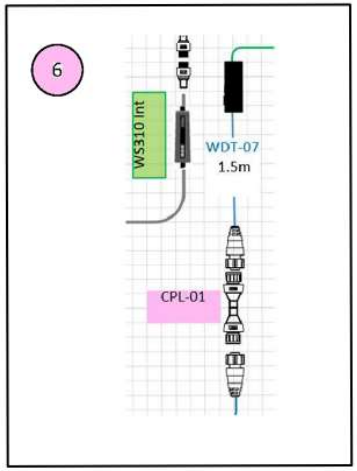
DIAGRAMS



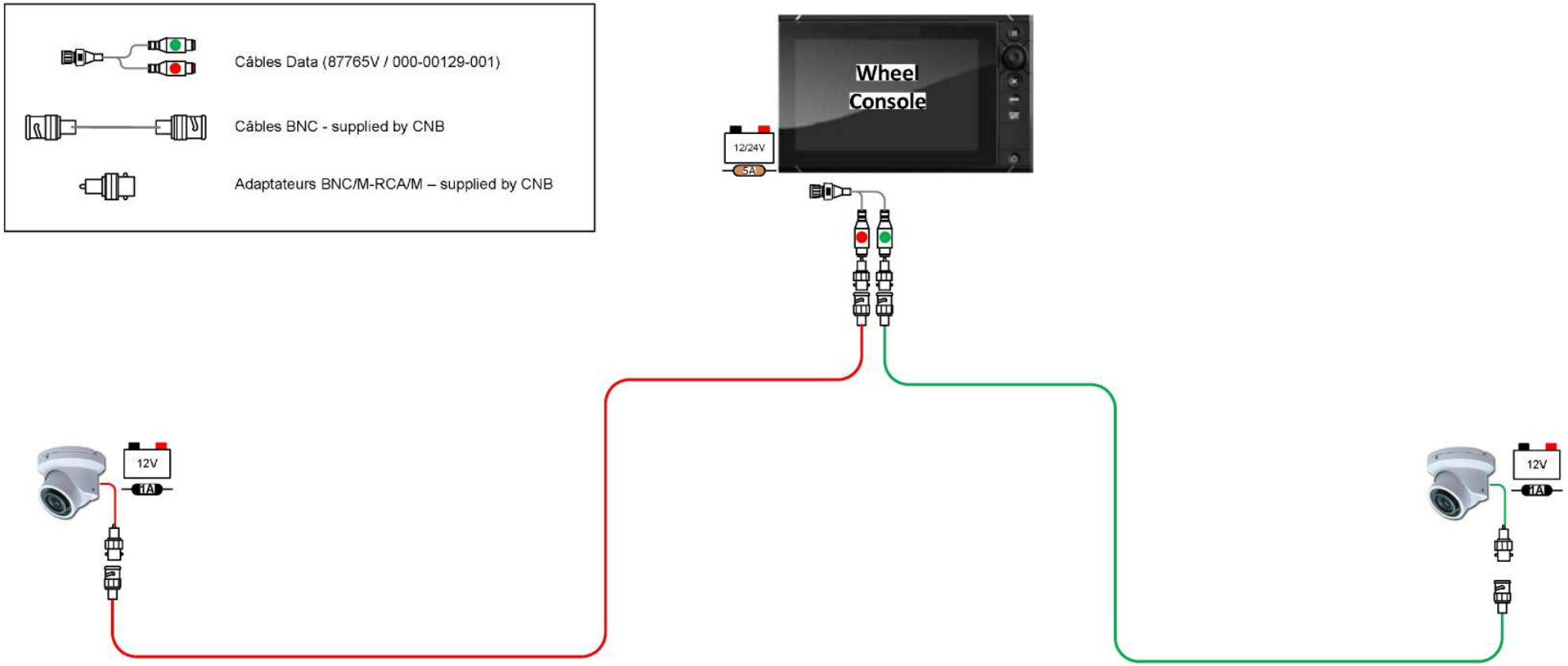








EQUIPEMENT LOCATIONS



VIDEO DISTRIBUTION

8-MAINTENANCE

8.1 Construction

This catamaran is built using the infusion process of polyester resin and a high-quality barrier coat to protect against osmosis on a balsa core and fiber-glass laminate.

The hull bottoms and keels are made of monolithic infusion laminate.

The hulls and deck are finished with a gelcoat that guarantees a high-quality shine and appearance.

- Maintenance

Selected for their level of quality and performance, the materials used for the construction of your boat require a minimum of maintenance in order to be protected from external conditions (salt, sun, abrasion, etc.).

To keep her looking her best, in addition to flushing your boat with fresh water after each trip, you can polish and shine the gelcoat periodically with maintenance products that are available at your dealership.

For any tough stains or scratches, consult your dealer for advice.

NOTICE
Protect the hull glazing from contact with fenders or mooring lines, as damage to the surface will not be reversible.

NOTICE
Favour prevention and protection to keep your boat's hull looking new.
Use fenders in the appropriate number and size whenever necessary.
To avoid staining the gel coat, cover the fenders with protective socks.

8.2 Maintenance

8.2.1 - Fairing

Periodic fairing of the boat maintains her original performance by preventing any adherence of marine vegetation.

The water quality where your boat is kept, along with the frequency of the fairing, will determine the choice of antifouling.

Consult a professional.

Surface Area of the Boat's Bottom:
Approx. 106m

8.2.2 - Deck Fittings

- PUSHPIT AND PULPIT

Periodically rinse stainless steel parts with fresh water.

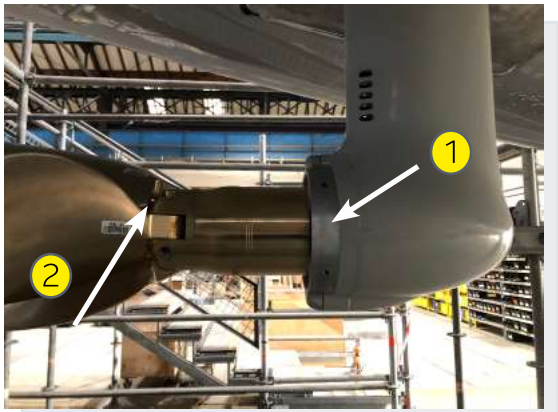
- GUARDRAILS

Watch for the first sign of any frayed wires. Watch for corrosion, especially at the connection points.

- EXTERIOR WOOD

Regularly rinse and brush exterior wood with fresh water. There are commercial products for teak maintenance.
The use of a high-pressure cleaner is not recommended on teak.

8.3 - Propellers, Anodes



• PROPELLERS

The propellers delivered with the boat are specifically selected after trials carried out in collaboration with the engine manufacturer.

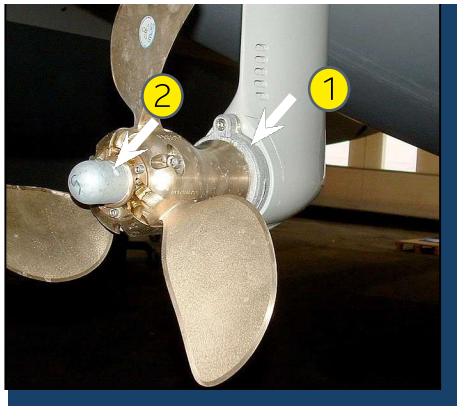
Never change them without first consulting a professional engineer.

• ANODES

Anodes are positioned at various points on the hull:
-anodes on each engine (refer to the engine manual)
-anodes on the saildrive propeller shaft (1)
-anodes on the propellers (2)
-anodes on the propeller shaft of the bow thruster (3)
- anode under the port hull (4)
-anode for the generator (refer to the generator manual). Periodically check for anode wear, at least twice a year.

Wear on the anodes depends on many factors, and their lifespan can vary greatly.
Change them when necessary.
Never paint an anode.

Have the entire propulsion system checked and maintained by a professional engineer.



8.4 - Winterising

DECOMMISSIONING

- Remove all documents, ropes not needed for mooring, kitchen utensils, food, clothing, and safety equipment.
- Check the expiry dates of the safety equipment.
- Have the life raft overhauled.

Take advantage of laying-up to carry out a full inventory of the equipment.

ENGINES

The winterisation of engines must be done by a professional engineer. Depending on the location of the boat - afloat or ashore - the winterisation is different.

WATER SYSTEMS

- Bleed the freshwater system.
- Let the water run from the taps until the system is drained. Check that there is no water left in the pipes (possible low points).
- Disassemble the filters, remove the water.
- Clean the filters if necessary, and then put them back on.
- Drain the water heater.
- Check that there is no water left. Close the bleeder.
- Grease all water intake valves and sea cocks.
- Flush and drain the toilet bowls and holding tanks.

INSIDE

- Block air inlets as much as possible.
- Use a dehumidifier in the saloon and ensure cabin and storage doors are left open (storage lockers, iceboxes).
- Leave the deck panel dorade vents in the open position to avoid condensation, mildew, and oxidation.
- Air the cushions for a while before putting them back in the boat. Place them on their side to limit contact surfaces.
- Dry out and clean the bilges.
- If possible, place the floors vertically to allow ventilation of the various compartments.
- Open the doors of the refrigerator/freezer and the icemaker.

OUTSIDE

- Thoroughly drain the cockpit shower.
- Flush the hull and deck extensively.
- Grease all mechanical and moving parts with petroleum jelly (bolts, hinges, locks, etc.).
- Prevent all ropes and mooring lines from coming loose.
- Protect the boat as well as possible with fenders.
- Make sure the boat is properly moored.

NOTICE
This is not an exhaustive list of recommendations.
Your dealer will advise you and carry out technical maintenance of your boat.

8.5 - Routine Maintenance

The information given is for illustrative purposes only and is not exhaustive. It must be adapted according to the use of your boat.

ATTENTION
Follow scrupulously the recommendations given in the manufacturers' instructions for use of the elements fitted to the boat.

DECK / DECK FITTINGS / HULL
- Clean the hull with the appropriate products.....QUARTERLY
- Clean the stainless-steel elements.....MONTHLY
- Control the watertightness of the sea cocks.....BI-ANNUAL
- Clean the strainers and sea cocks from the outside.....BI-ANNUAL
- Disassembling, cleaning, and greasing of the capstans.....ANNUAL

MOORING / WINDLASS
- Rinse the mooring line and the anchor locker with fresh water.....AFTER USE
- Check the sprocket and the anchor/chain connection.....BI-ANNUAL
- Check the locking/braking system.....QUARTERLY
- Check the mooring lines and fenders.....BI-ANNUAL
- Check the electrical connections (controls, relays, etc.).....QUARTERLY

UPHOLSTERY AND PROTECTIVE COVERS
- Flush/clean the various protective covers.....QUARTERLY
- Dry the exterior upholstery before storage.....AFTER USE

AIR CONDITIONING
- Check the sea cocks and clean / change the various seawater filters.....QUARTERLY
- Remove dust from the fans of the air heaters.....ANNUAL

ELECTRICITY
- Check the tightness of the connection lugs of the batteries and the main switches.....BI-ANNUAL
- Check the tightness of the connection lugs of the main relays (windlass, etc.).....BI-ANNUAL

WATERMAKER
- Check and clean the sea water suction filters.....MONTHLY
- General inspection by the manufacturer.....ANNUAL

PIPING
- Check the electric bilge pumps and alarms.....MONTHLY
- Check the manual bilge pump.....MONTHLY
- Flush the holding tank.....QUARTERLY
- Flush the grey water collectors.....QUARTERLY
- Check the pressurized water unit.....QUARTERLY
- Control the various drains and scuppers.....QUARTERLY
- Manipulate the various valves on board + grease if necessary....BI-ANNUAL

- **ENGINES AND GENERATOR**
- Check the oil level.....MONTHLY
- Check the tension of the belts.....QUARTERLY
- Clean the sea water filters.....MONTHLY
- Check for leaks (oil, water, fuel) and fumes.....QUARTERLY
- Control and empty the primary filters (fuel).....QUARTERLY
- General overhaul.....REFER TO THE MANUFACTURER'S MANUAL

8.6-Fluids

SYSTEM	OIL	TYPE	QUANTITY	COMMENTS
YANMAR 4JH80 Engine	Engine Oil	YANMAR SAE 15W40 oil	5 L / engine	
	Engine Oil-Coolant	YANMAR COOLANT 1 L	5 L / engine	
	SD60 Oil	SD 60 TEKMA MEGA 15W40 oil	3 L / engine	
NANNI 115 CV - N4.115 Engine	Engine Oil	TEKMA MEGA MOTUL 15W40 API CD	13 L / engine	
	Engine Oil-Coolant	AUTOCOOL OPTIMAL MOTUL	12 L / engine	
	Inverter Oil	DEXRON III oil ATF	6 L / engine	
Steering System	Steering Gear Oil	HM32	25 L	
Generator	GE 17KW Oil	HUILE TEKMA MEGA 15W40	7,6 L	
	GE Oil-Coolant 17KW	AUTO COOL EXPERT -37°C ADI 525	2,5 L	
Tenderlift	Hydraulic Oil	87XHV46 ISO46 FILTERED 15 MICRON	5 L	

9-MY BOAT

BOAT NAME : .....

VERSION :.....

DATE OF DELIVERY :.....

REGISTRATION NUMBER :.....

HULL NUMBER :.....

ENGINE BRAND :.....

ENGINE KEY NUMBER :.....

STARBOARD ENGINE SERIAL NUMBER :.....

PORT ENGINE SERIAL NUMBER :.....

OTHER INFORMATION :.....

OWNER NAME : .....

ADDRESS :.....

.....

.....

EMAIL ADDRESS :.....

LINE PHONE :.....

MOBILE PHONE :.....

EMERGENCY CONTACTS

10-PERSONAL NOTES

DEALER'S STAMP

Photos: Nicolas Claris-Production: Atelier Florence GUENAULT

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