

CONTENTS

Sheets n°	Title	Specificities
1	Reset and back to the factory parameters	
2	The ship control application doesn't light on the display	Web Server
3	Enter bloc 7 into the network	Bloc 7
4	Enter the lighting bloc into the network	Lighting block
5	Enter bloc 9 into the network	Bloc 9
6	Navigation light, mooring light or deck light are not functioning	Bloc 9
7	The lighting is not functioning	Lighting block
8	The air conditionning is not functioning	Air conditionning PCB card and cabin control panel
9	No navigation data comes up	Web Server
10	No batteries data comes up	Genset
11	No batteries data comes up	Master chargeur
12	No batteries data comes up	Bloc 7/IBS
13	No battery intensity comes up	Bloc 7/IBS
14	No gauge water level comes up	Bloc 7
15	The genset doesn't switch on	Selector
16	The genset doesn't switch off	Selector
17	The feed selector is not functioning	Selector
18	The bilge pumps are not functioning	Bloc 9
19	The mono-zone stereo is not functioning	Amplifier and mono-zone control panel
20	The mutizone stereo is not functioning	Amplifier and multizone control panel
21	The engine data don't light up on the display	Wifi server
22	The switching is not functioning	Bloc 9
23	Microswitch set up	
24	Frequent problems	

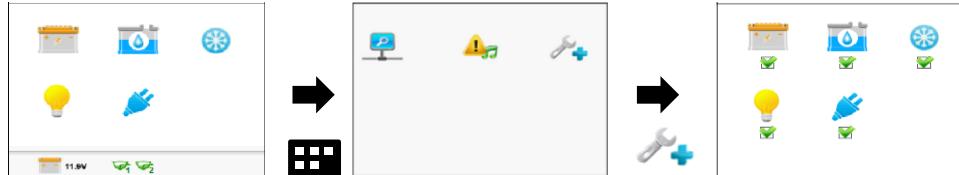
Yes ↓

No ↓

How to proceed a reset

Reset : Switch the battery breakers on off position. Plug the boat on shore. Wait for 1min.
Switch the battery breakers on ON position. Check that there is 230v at the switch board

Select the option available on the boat



How to come back to the factory parameters

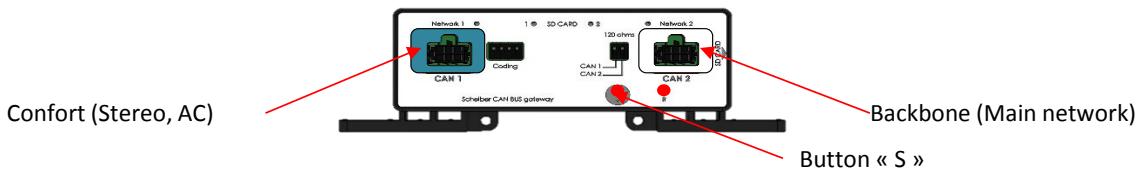
Check at the Navicolor display that all the blocs of the boat are available on the screen. Warning ! The air conditionning PCB cards will appear on the Navicolor display only if they are powered (breakers of the fan coils)

Unplug both the navicolor and the web server from the network

Enter the factory parameters. For that :

With the Hub CAN CAN :

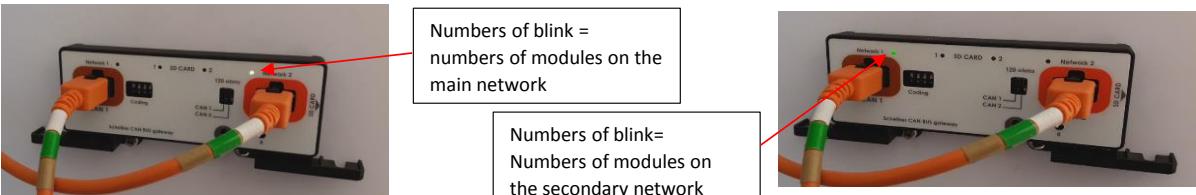
Press a while (+10s) on the button "s" to send the factory configuration.



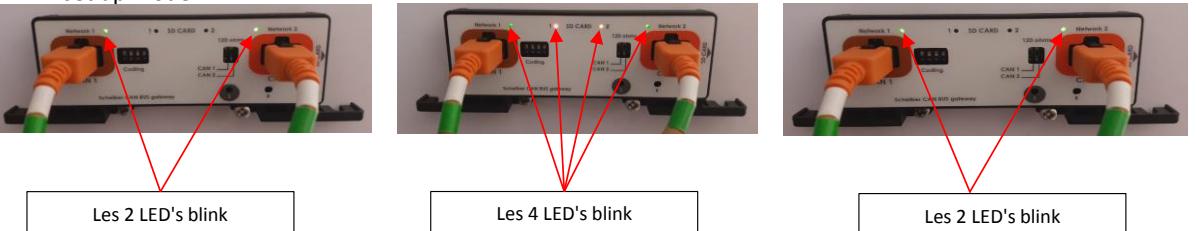
The hub is not blinking the same way. Once the normal blinking has come back, switch the battery breakers off as well as the air conditionning fan coils and switch them back on.

Warning !! Never shut down the power during the programation

Normal blink :

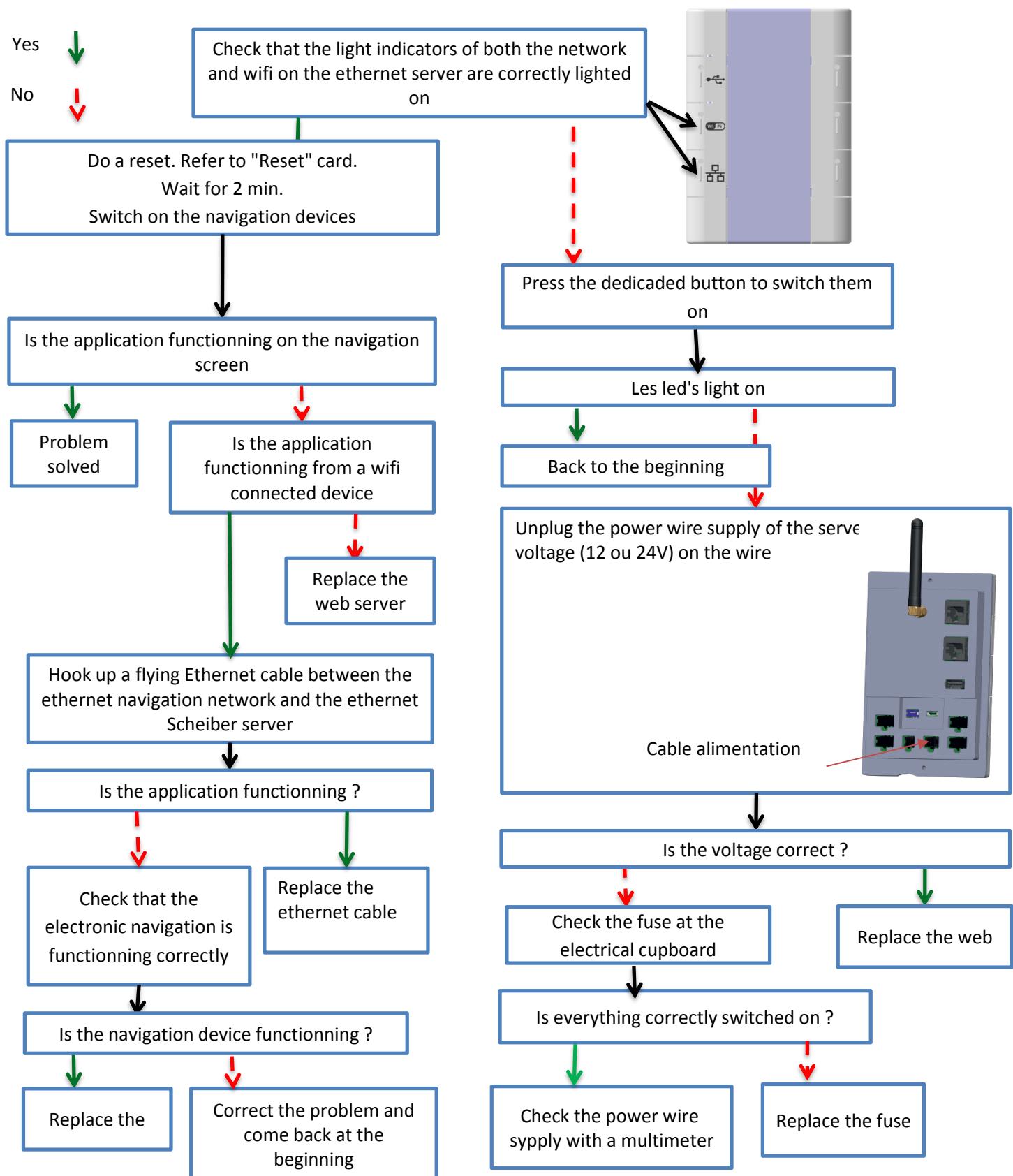


Blink set up mode :

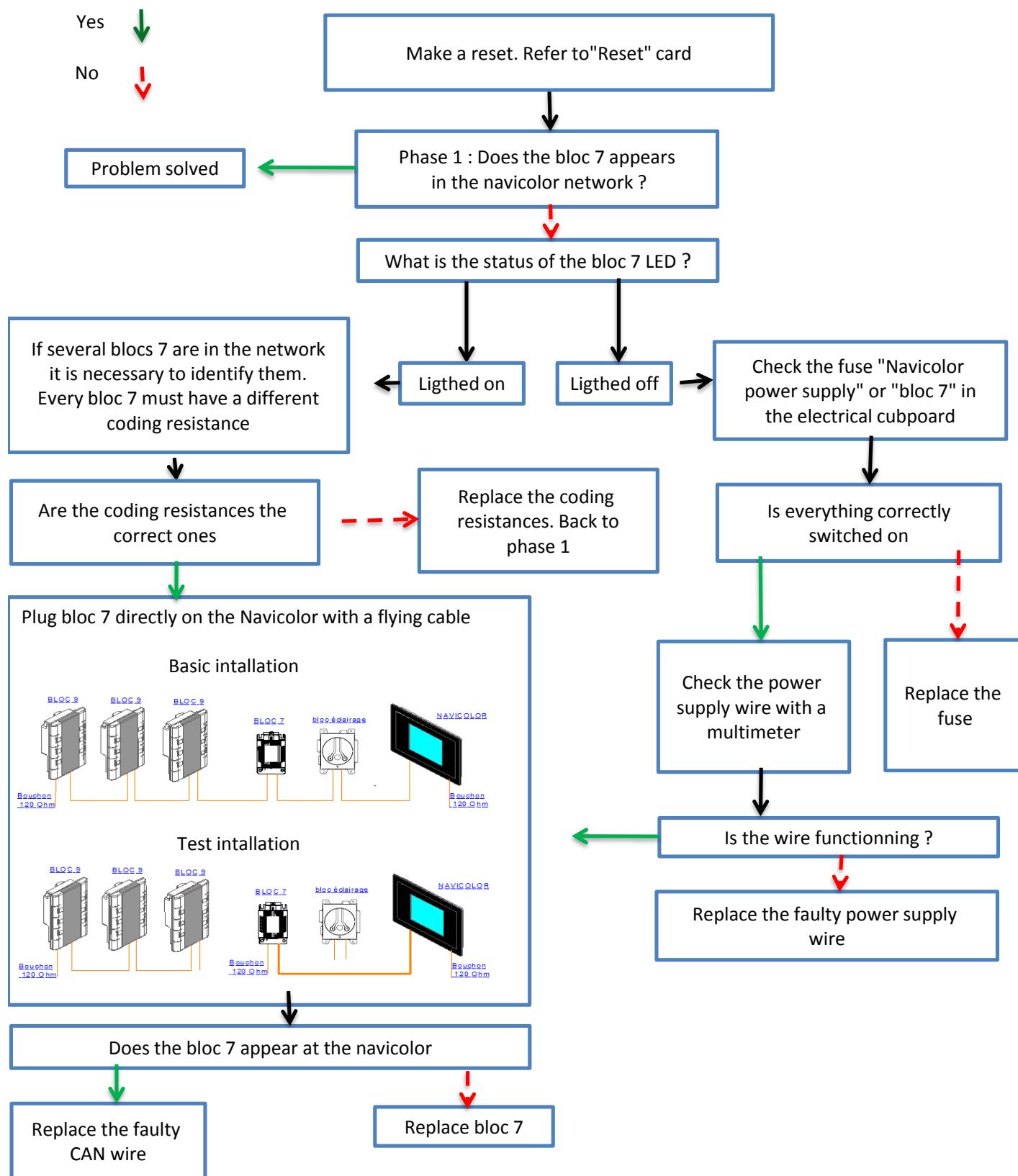


Switch the battery breakers off. Plug both the Navicolor and the web server back to the network and switch the battery breakers back on

The Ship Control application is not functionning



Power supply checking and installation of bloc 7 in the network



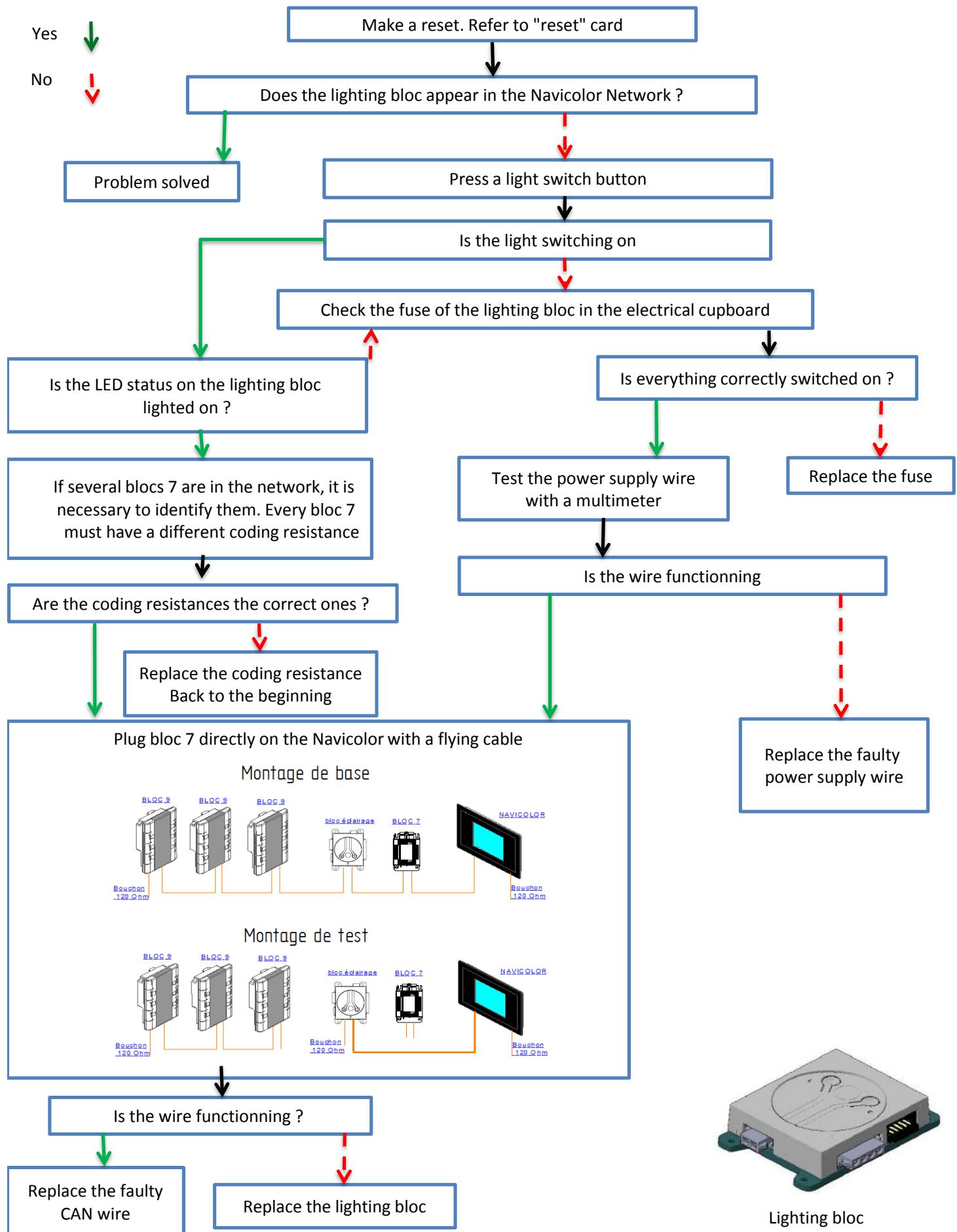
Bloc 7 côté Alim



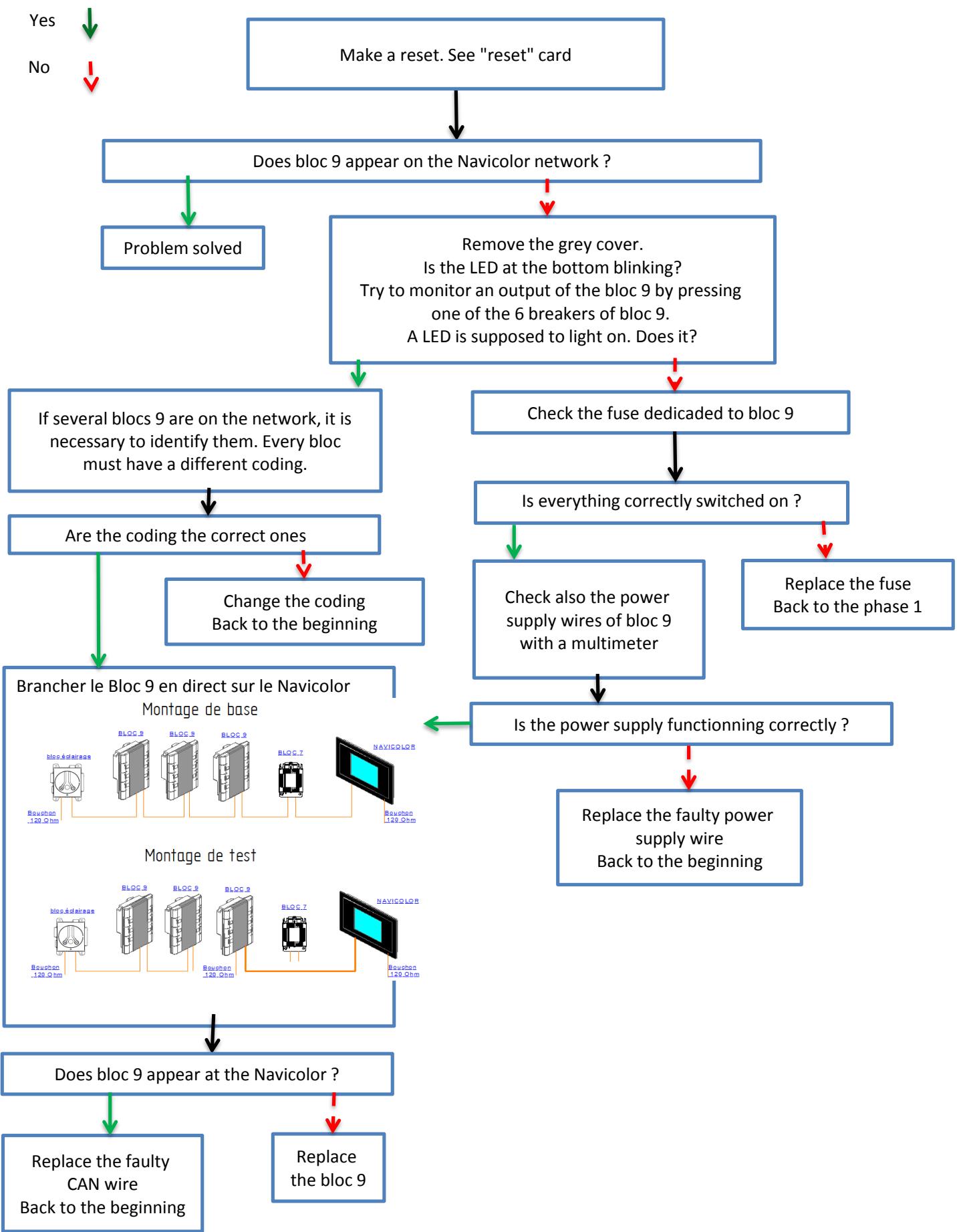
Bloc 7 côté Connection CAN



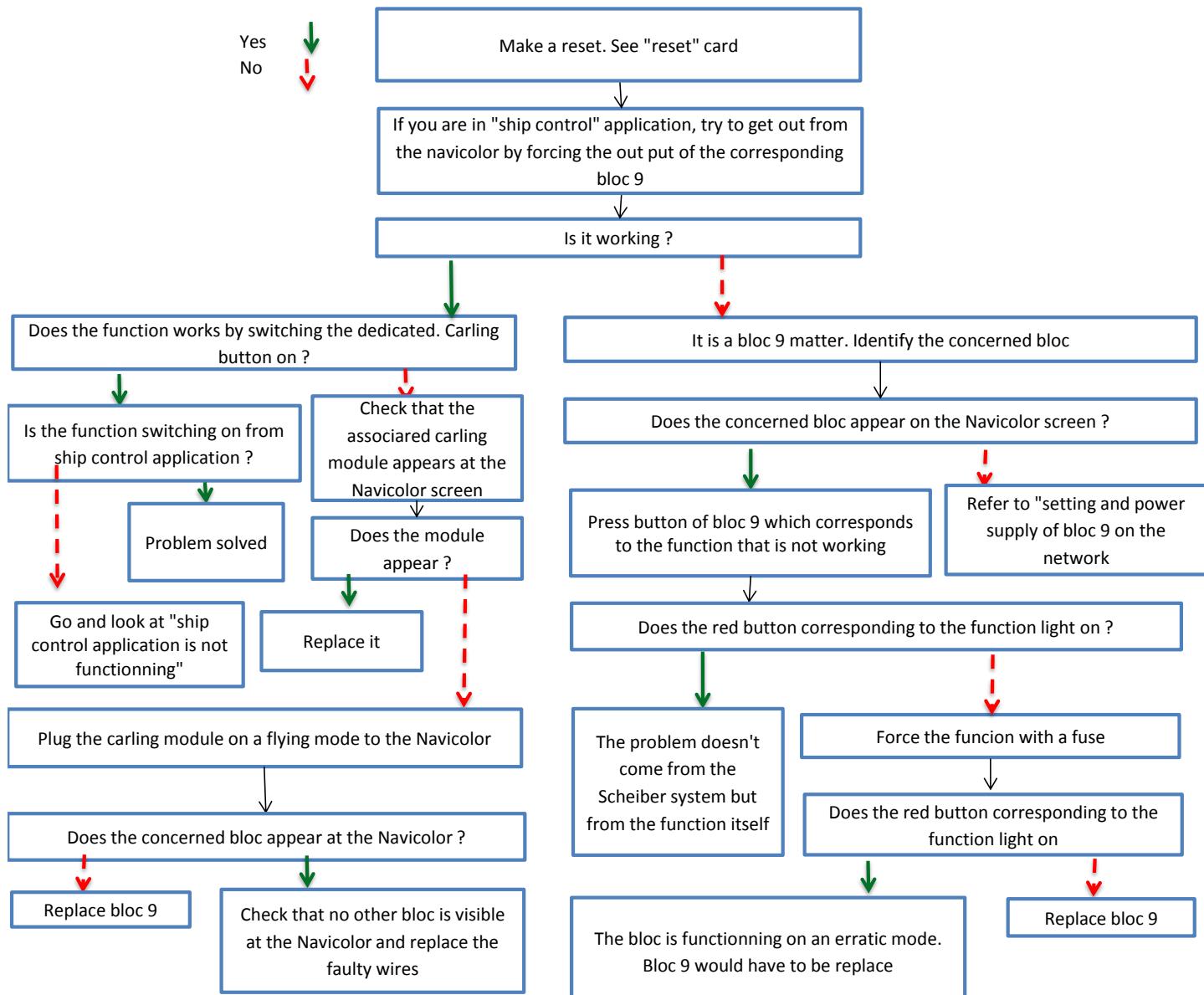
Power supply checking and installation of bloc 7 in the network



Check power supply and setting bloc 9 in the network

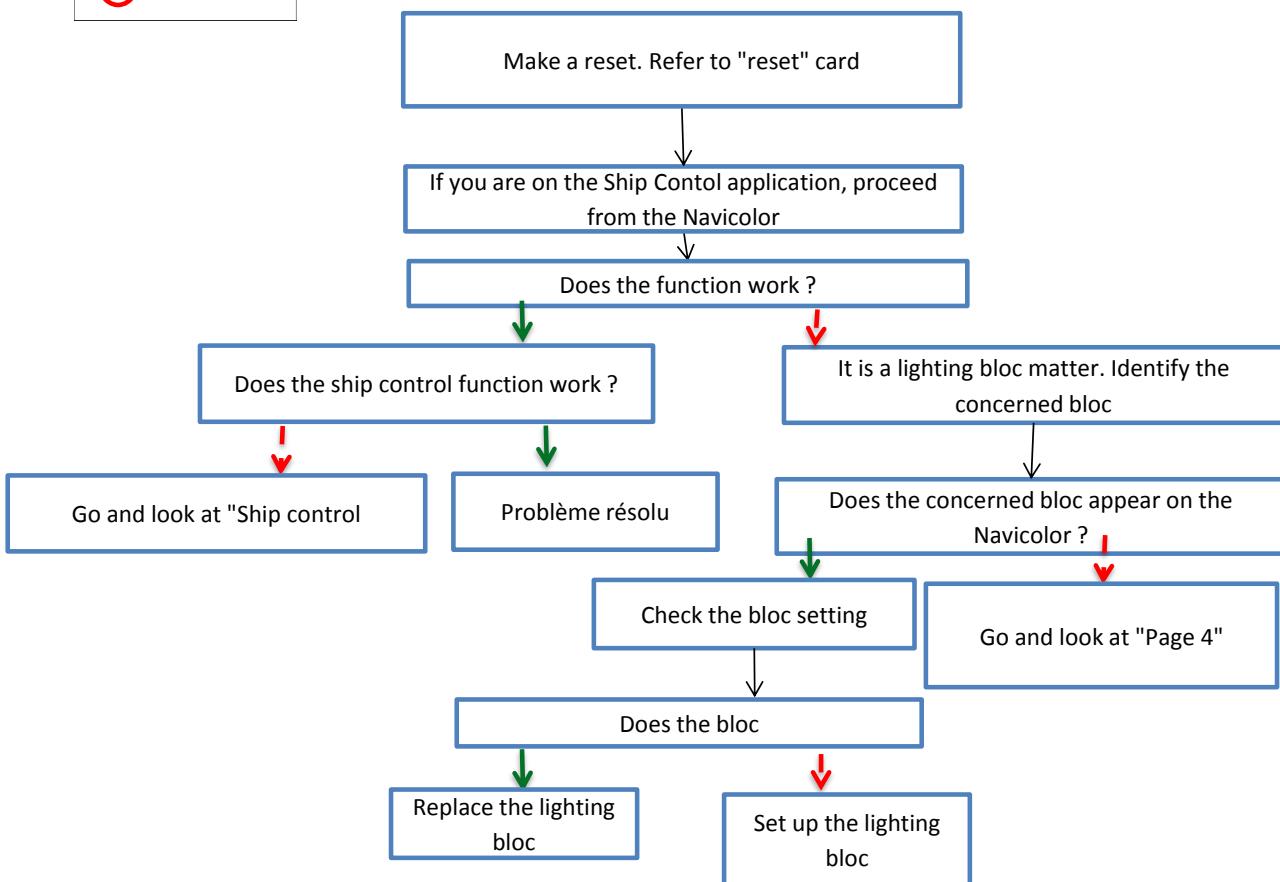


The navigation lights, night mode, under water lights or the mooring light are not functionning





The lighting is not functionning





The A/C is not functionning

Statement : The A/C breakers are switched on , the A/C selector is working and a voltage value is showing up.
Make a rest.

Refer to "reset" card

If you are on ship control application proceed the set up from the associated control panel of the cabine

Is the function working ?

The ship control function is working

Ensure that the number of the cabin control panel is the same than the A/C card

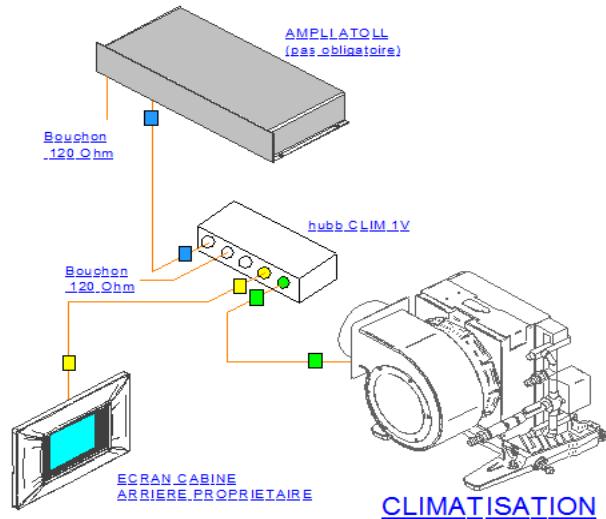
Go and look at "Ship control"

Problem solved

Numbers are identical ?

Enter the correct number

Proceed the following installation with flying wires



Is the A/C working from the cabin control panel

Replace the faulty wire

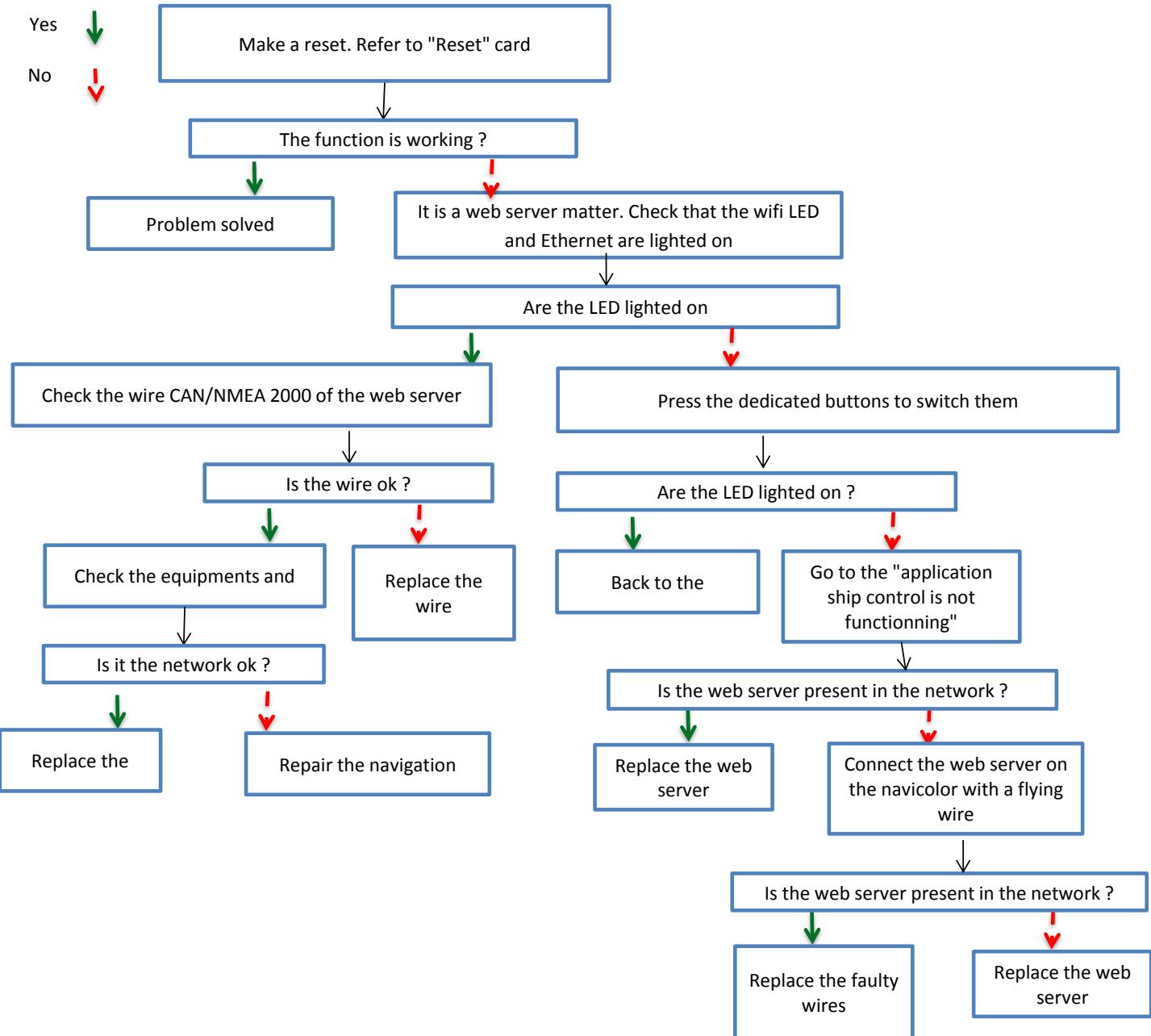
Check the A/C, compresor etc...If everything OK, replace the A/C card

Is everything OK ?

Correct the A/C

Replace the bocs of the CAN network

Navigation information are not showing up on the screen





I don't see the batteries voltage (genset batteries)

Statement : The batteries breakers must be switched on so that the batteries can be seen at the Navicolor.

Proceed a reset. See "reset" card

If you are on Ship Control application,
proceed from Navicolor

Does the function work ?

The function is
working from the
Ship Control

It is a source selector matter. Check that, it is
present on the Navicolor

Is the source selector showing up at the Navicolor

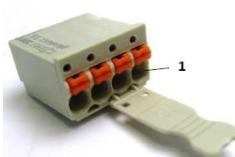
Go and see "Ship control application
is not functionning"

Problem
solved

Go and see "the source selector is not
functionning"

Identify the selector on which is connected the connector
"genset voltage value"

J8 – Option



Disconnect the wire and check
the presence of voltage
between terminal 3 and 4

Does the voltage value correct ?

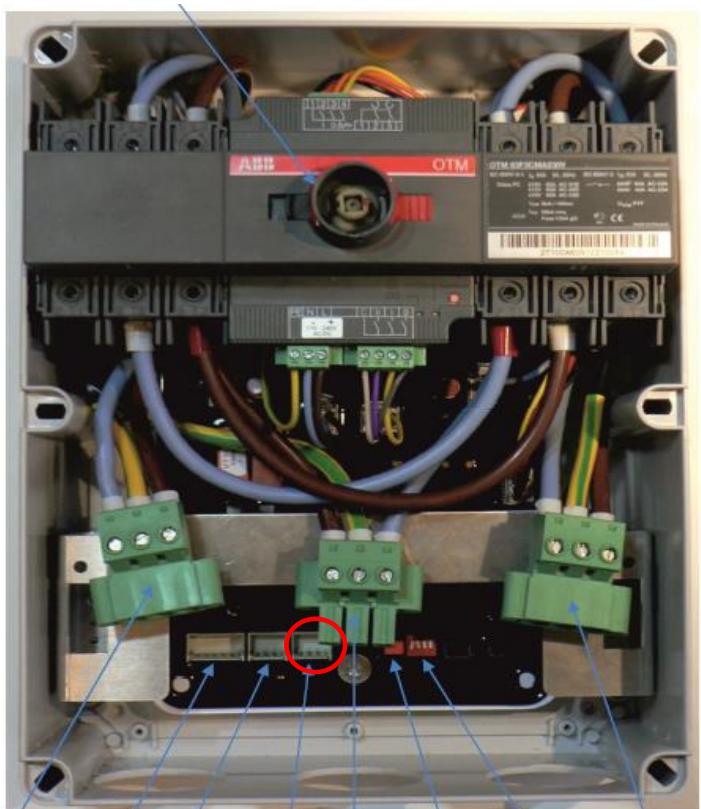
Go and see "the source
selector is not functionning"

Make a test with a new flying wire

Does the function work now ?

Replace the wire

Check the battery





I don't see the battery voltage (Intelligent charger)

Statement : The batteries breakers must be switched on so that the batteries can be seen at the Navicolor. Proceed a reset. See "reset" card

If you are on Ship Control application, proceed from Navicolor

Does the function work ?

The function is working from the Ship Control

Go and see "Ship control application is not functioning"

Problem solved

Do the chargeurs appear on the Navicolor screen ?

Check the coding micro switch of the chargers. Every charger has its own distinct address

Is it the correct coding ?

Address correctly and refer to "microswitches coding"

Back to phase 1

Connect both the charger and a bloc already powered (bloc 9, 7 lighting) with a flying wires directly to the Navicolor



Does the charger appear from Navicolor ?

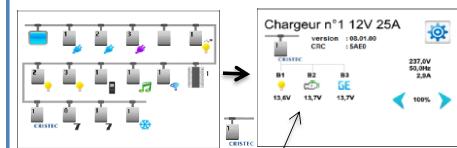
Replace the faulty wires CAN
Back to the beginning

Replace the charger

Does the batteries appear on the Navicolor screen ?

Problem solved

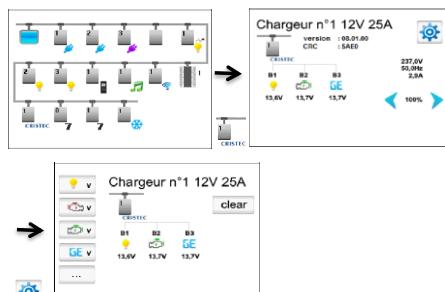
Check the batteries appear on the Navicolor screen



Batterie affectées à B1 B2 et B3

Are the output correctly dedicated ?

Reprogram the senders as per following :



→

→

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

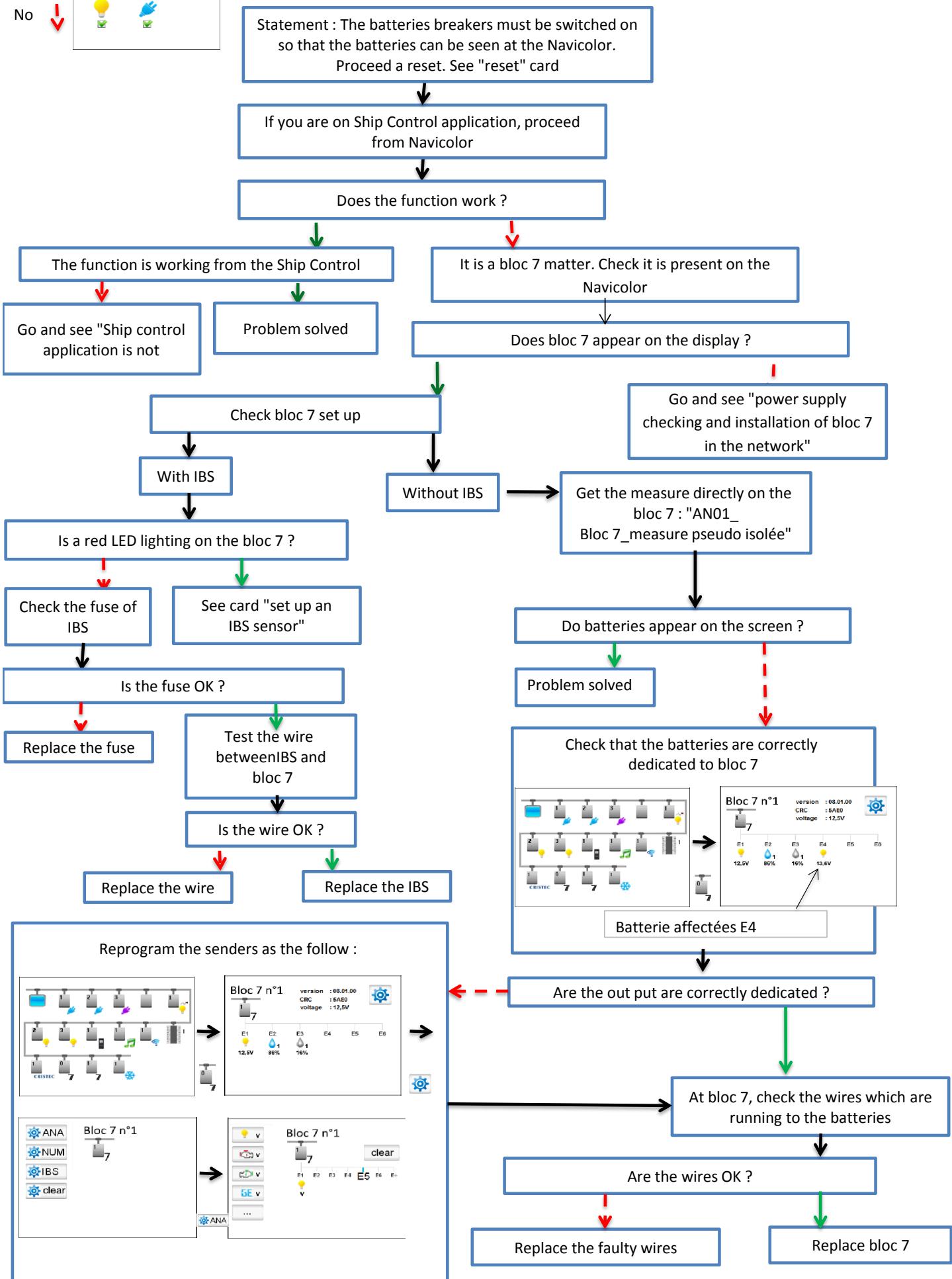
...

...

...



I don't see the battery voltage (Bloc 7) on the navicolor screen

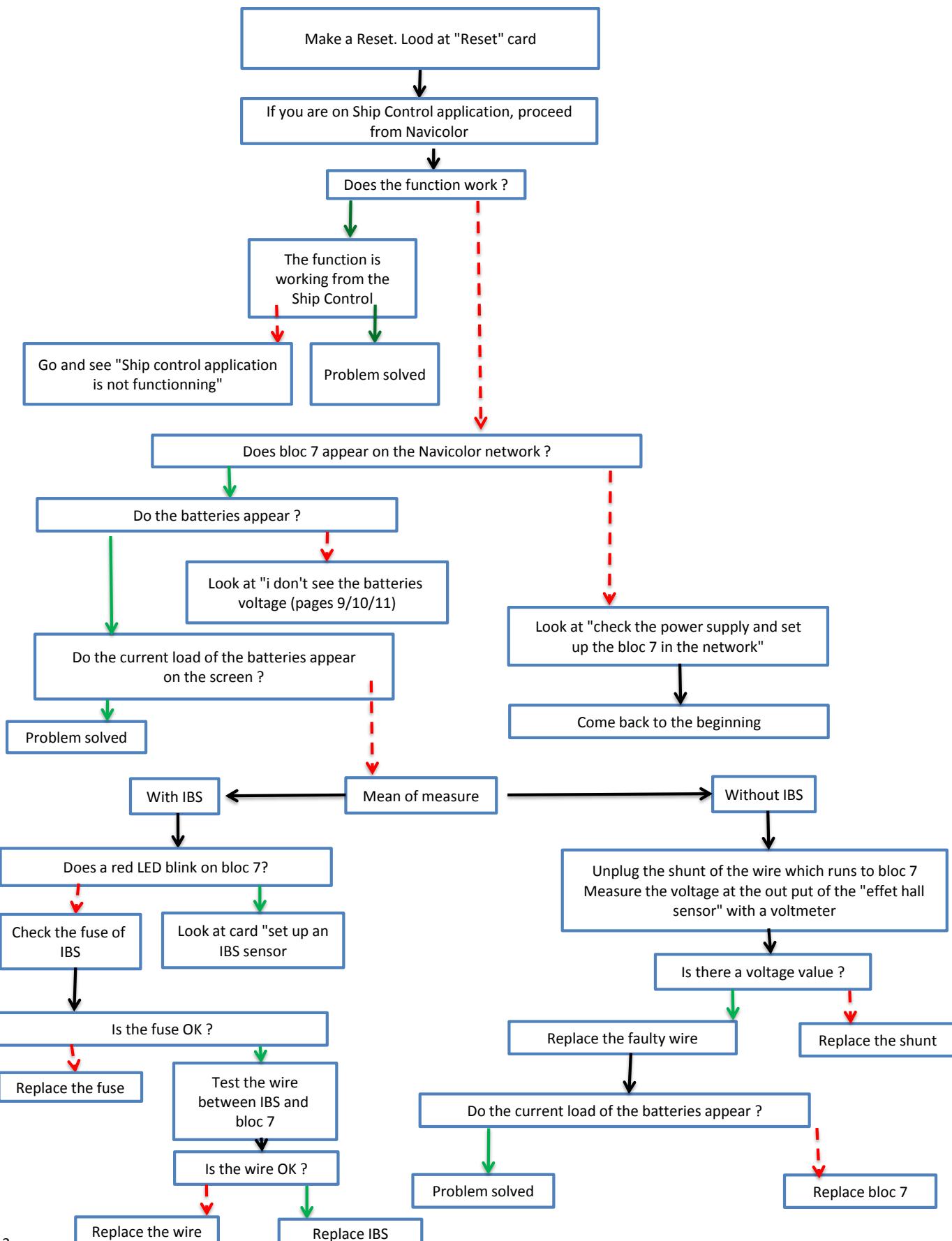


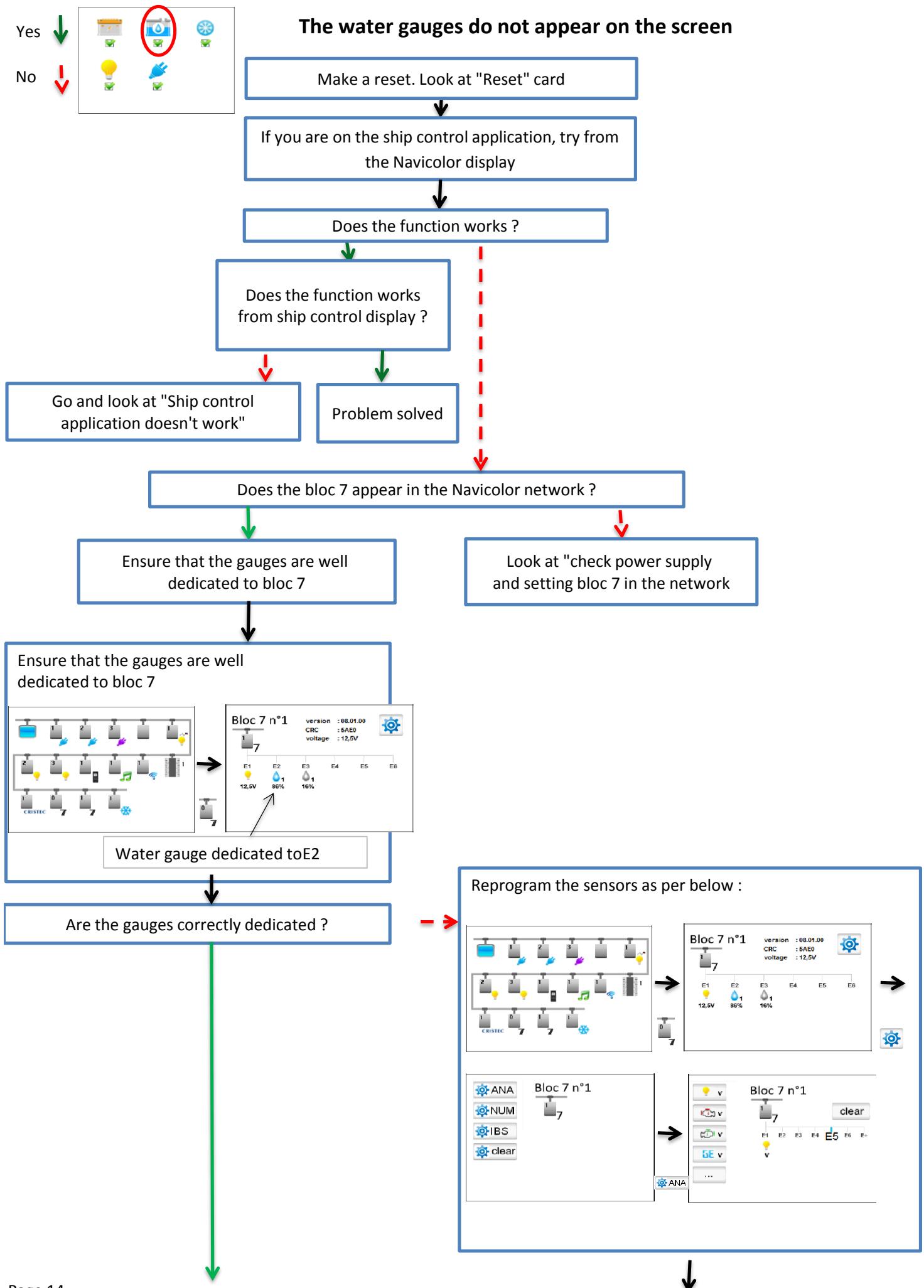


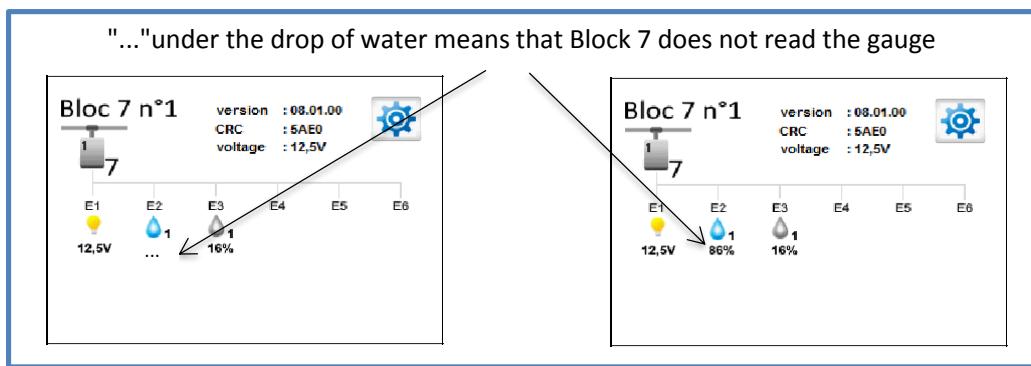
I don't see the current flow from the batteries

See pages 10/11/12 batteries voltage

The current measurement is available only for the house batteries







left case

right case

At the level of water gauges,
unplug them, make a
short circuit between the 2 wires.
Return to Navicolor,
the 3 points have disappeared?

Change the gauge

At the bloc 7 level, test the wires that go to the
gauges with a multimeter

Are the wires ok ?

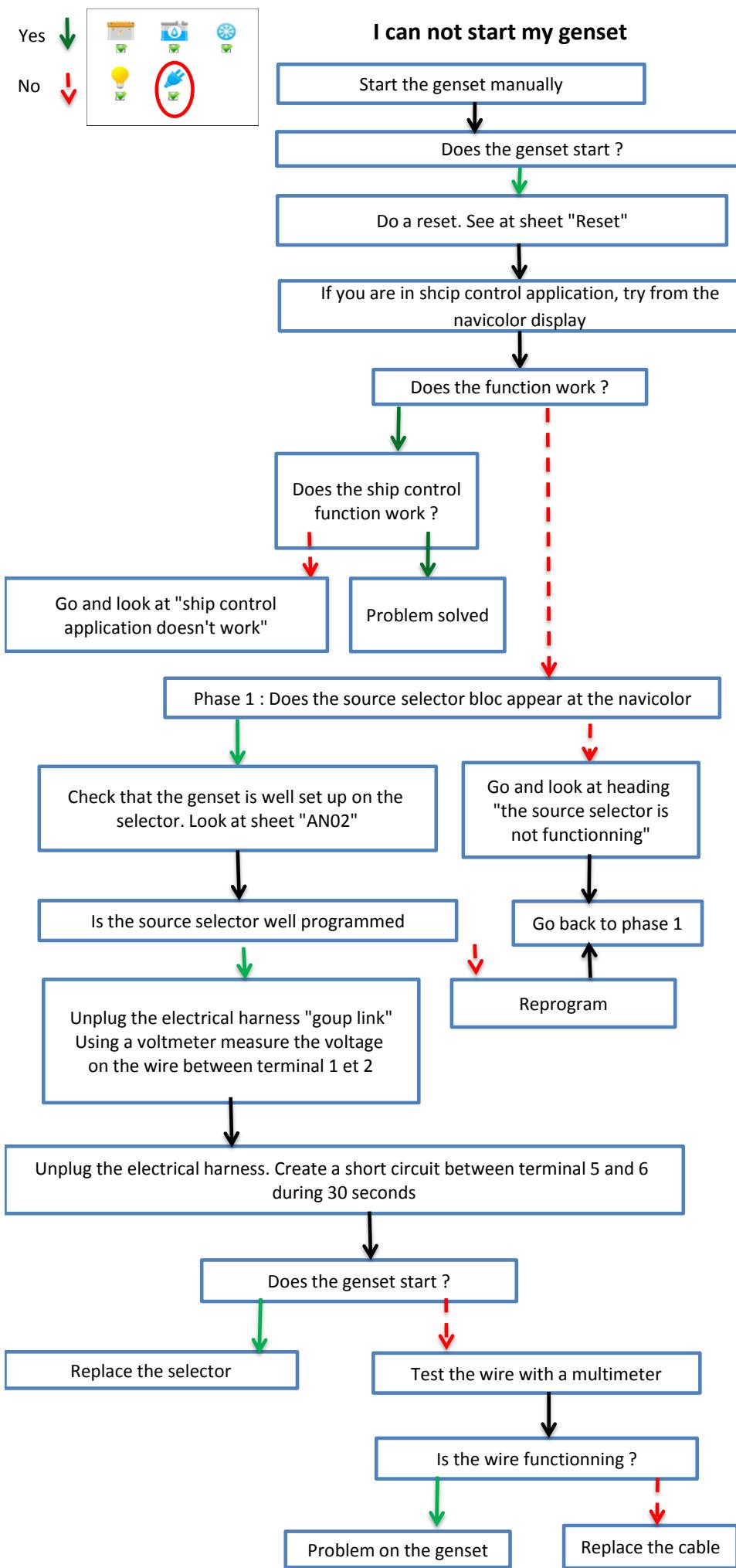
Change the faulty wires

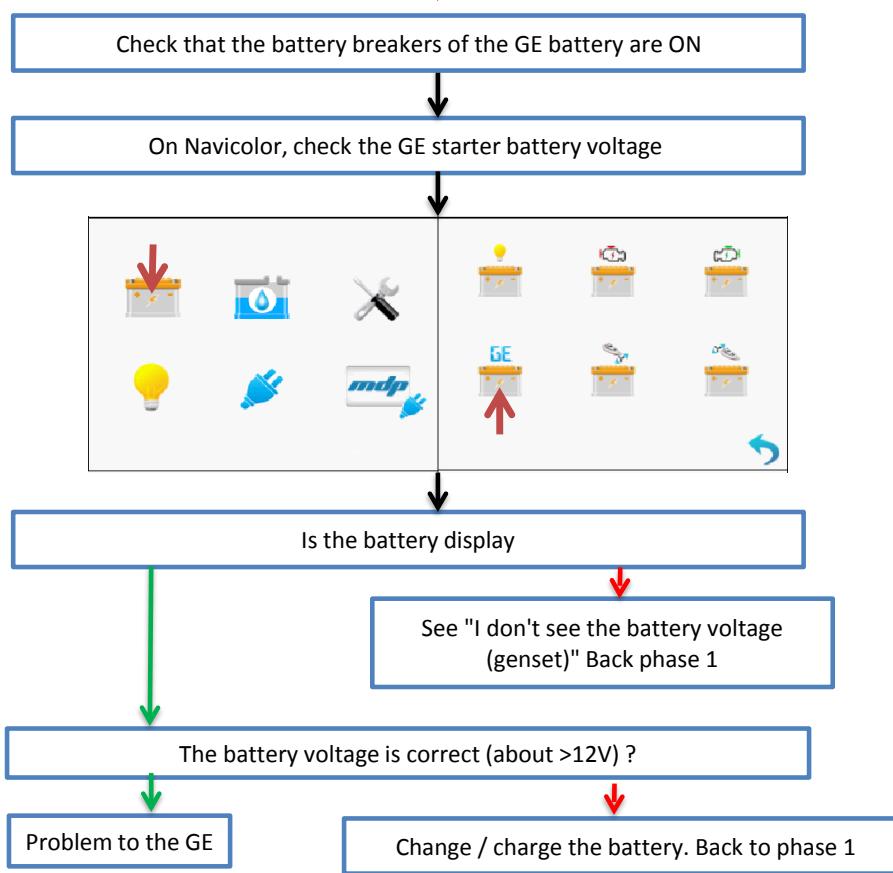
Do tank levels appear in the tank menu ?

Change the Navicolor

Problem solved

Change bloc 7





Générateur ONAN :

1	GE-
2	GE+
3	
4	
5	OFF



GE sans démarrage à distance.

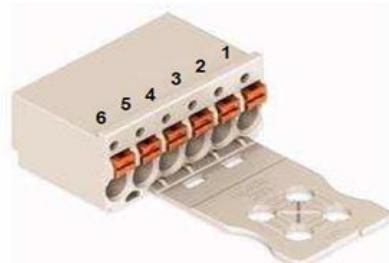
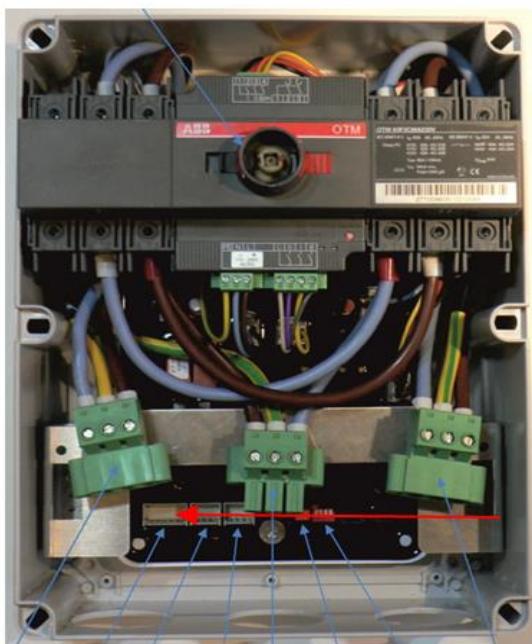
Générateur Kohler :

1	GE-
2	GE+
3	
4	
5	OFF



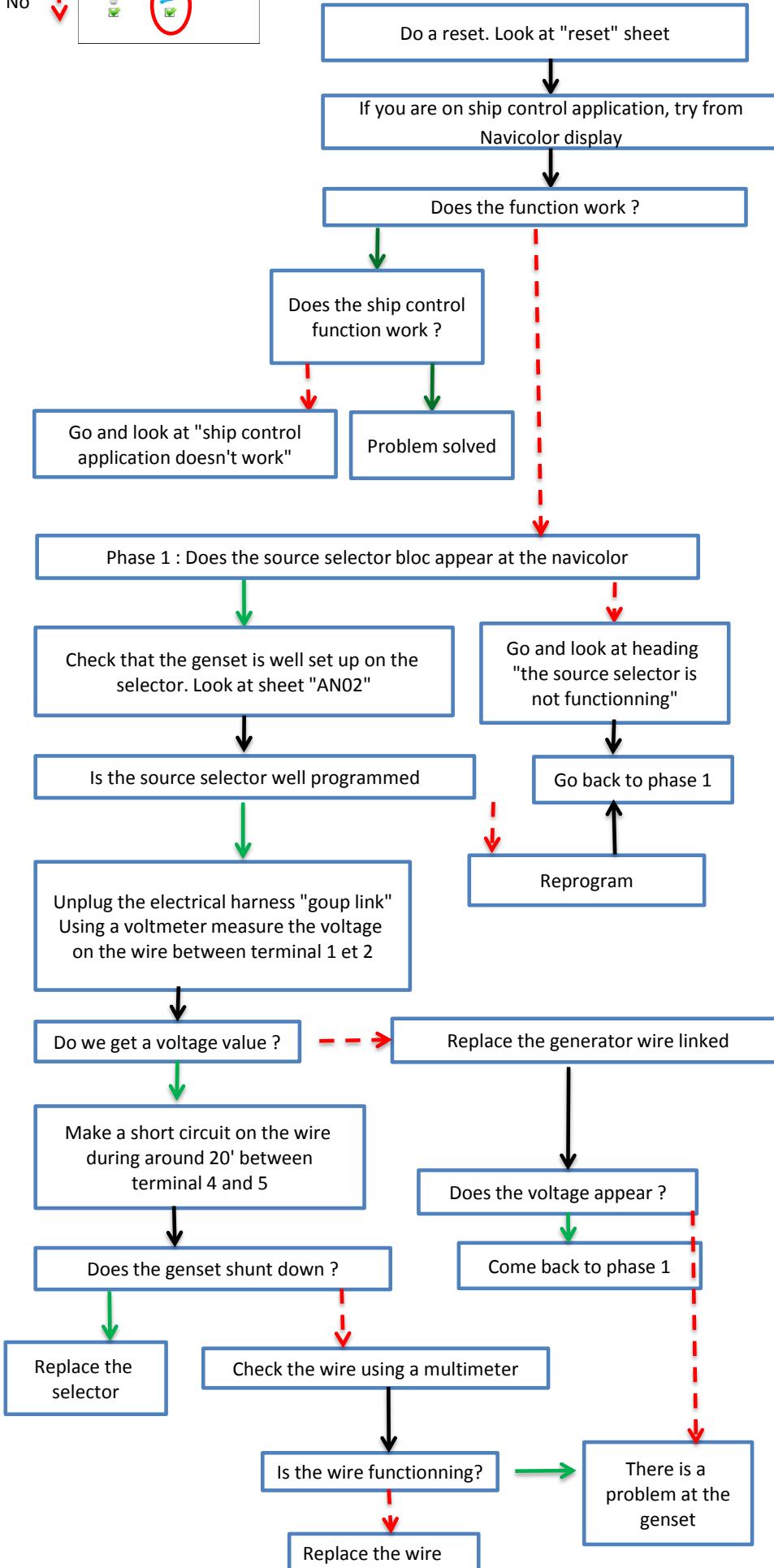
Générateur Panda

1	GE-
2	GE+
3	
4	
5	CO



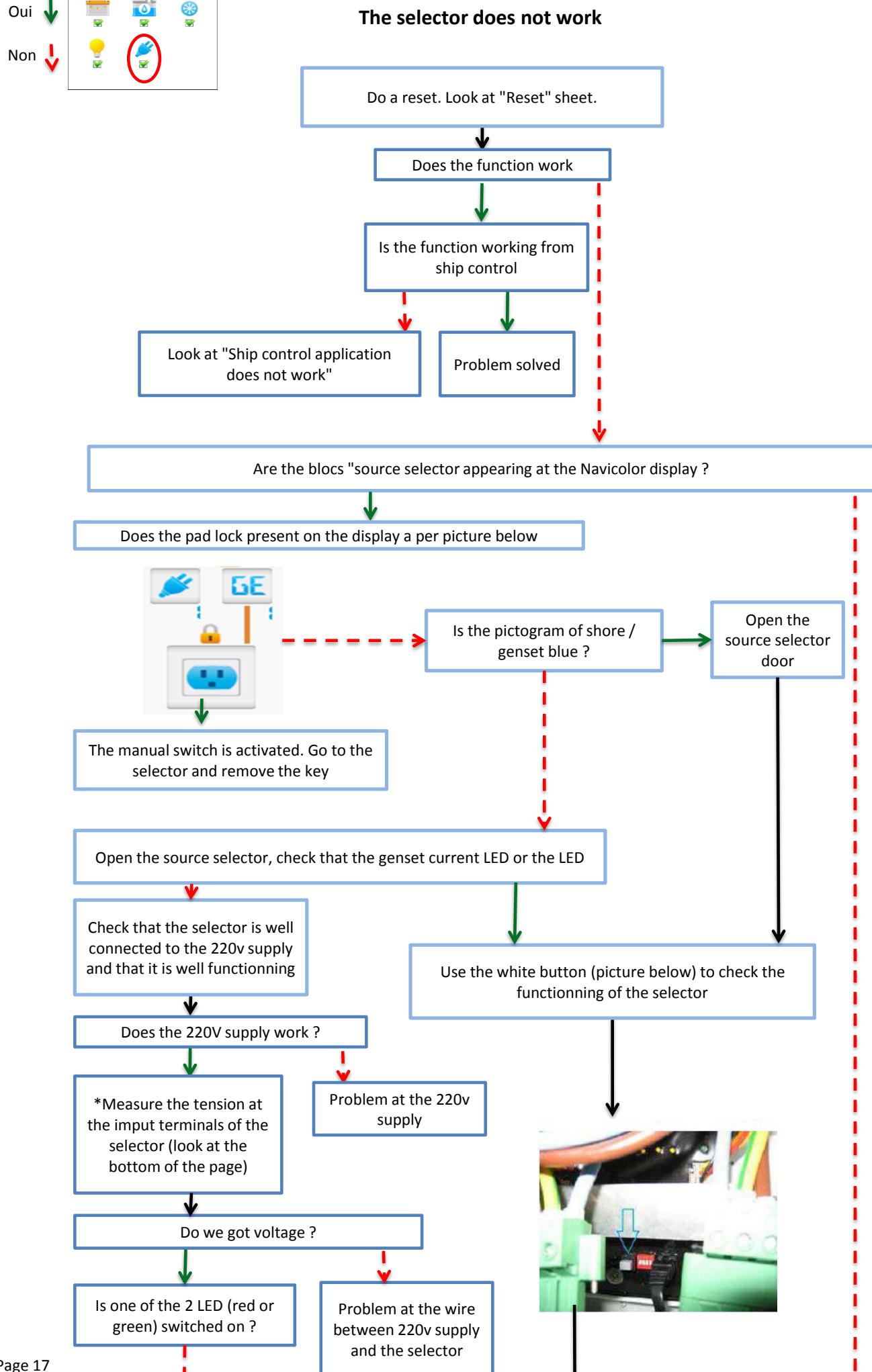


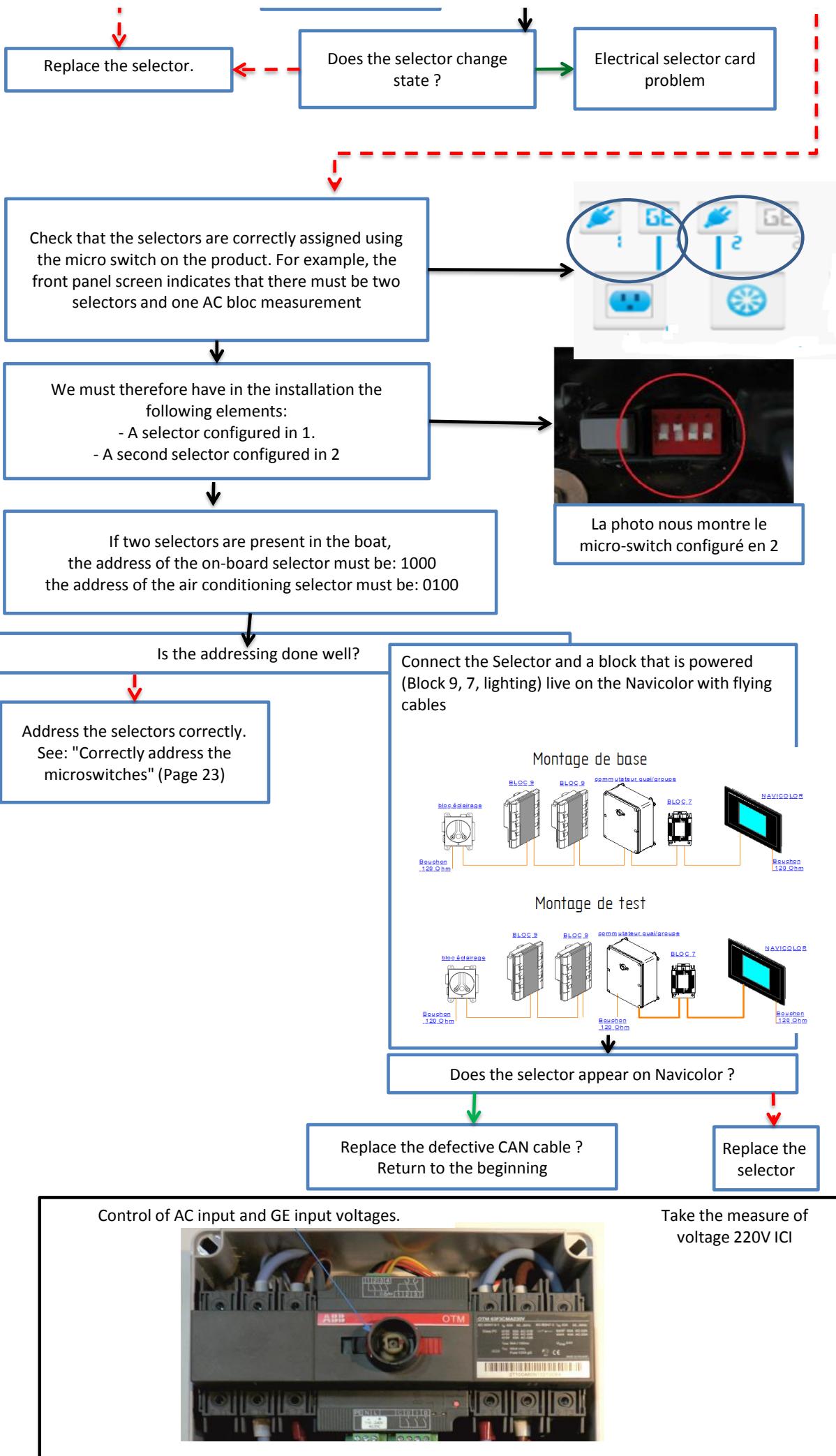
I can not shut down my genset



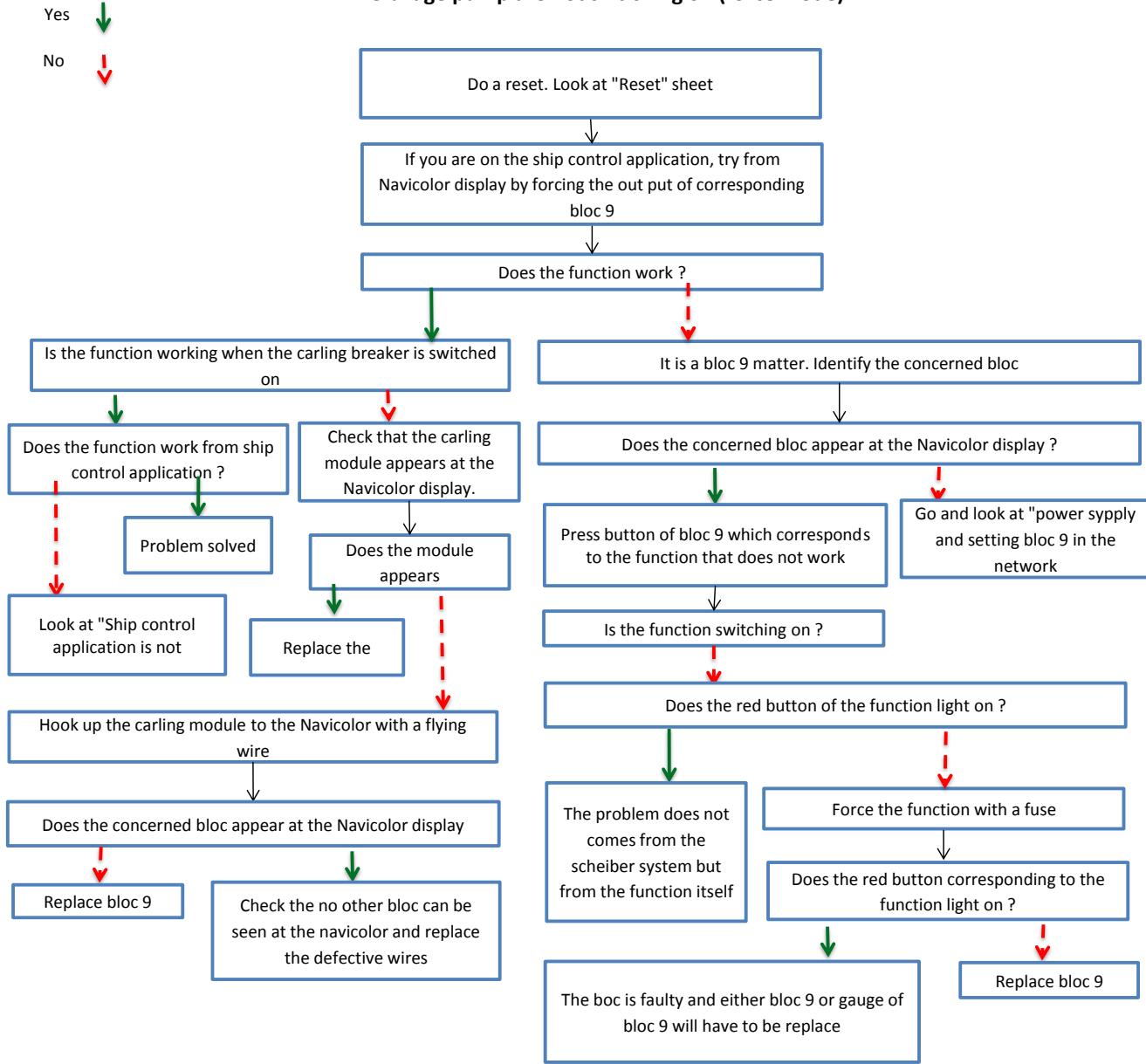


The selector does not work



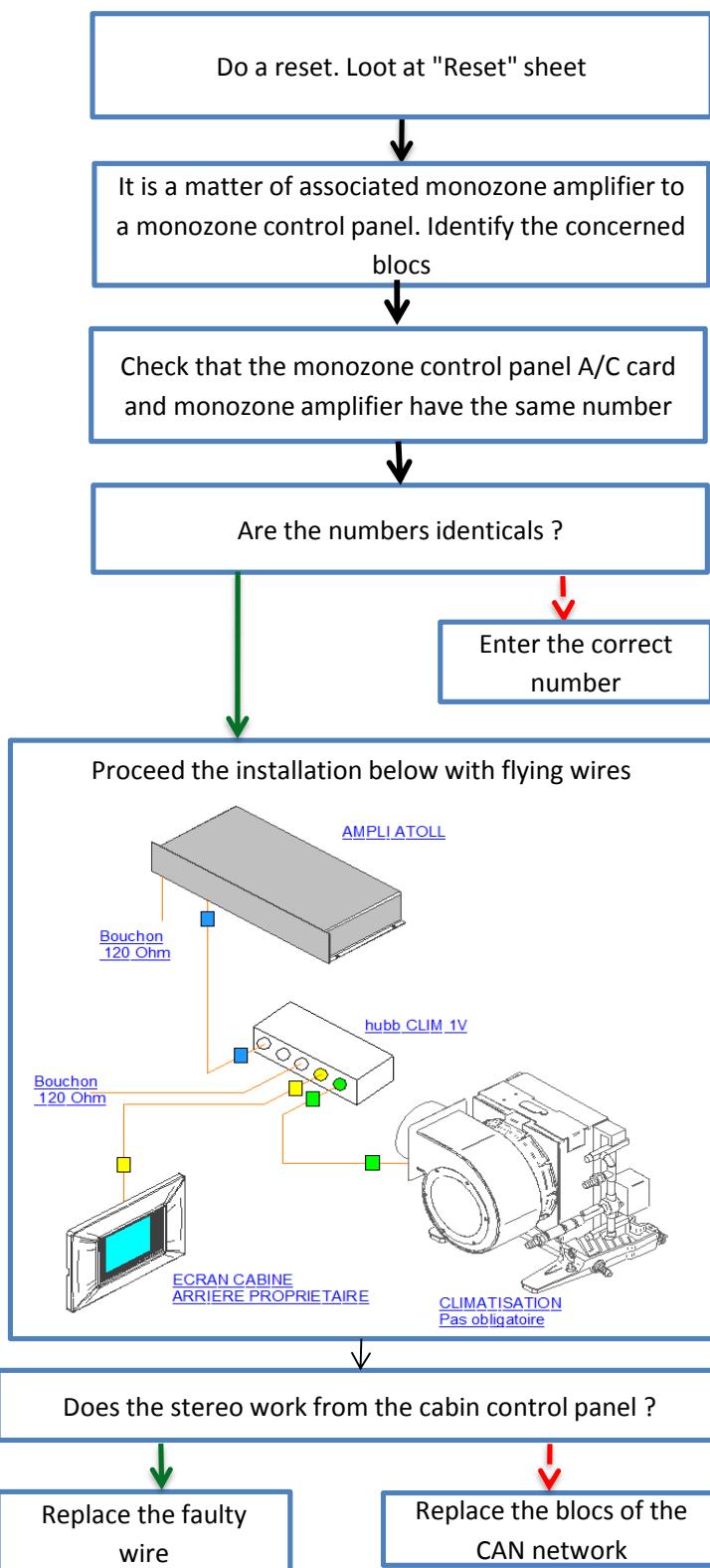


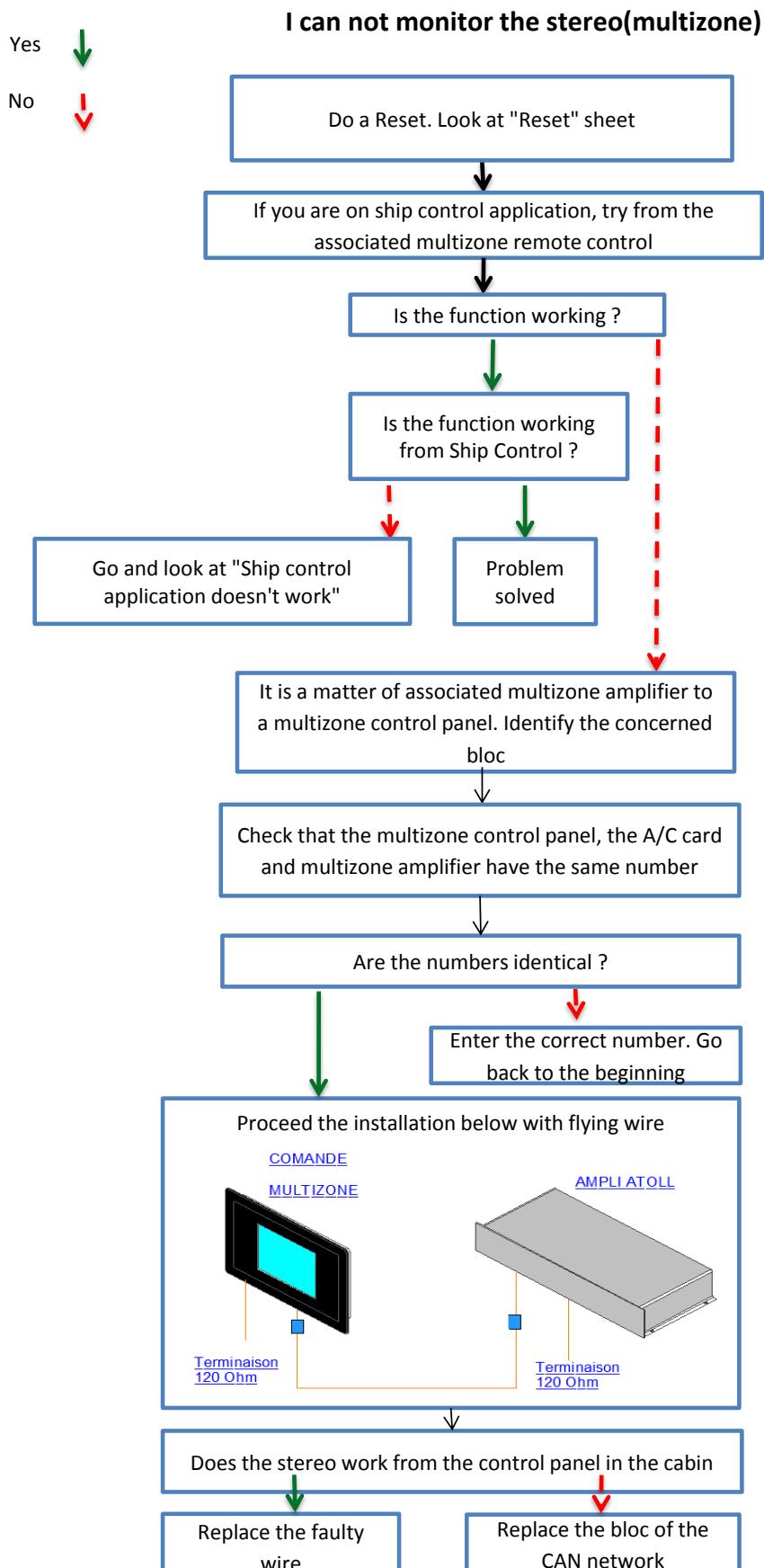
The bilge pump are not switching on (force mode)

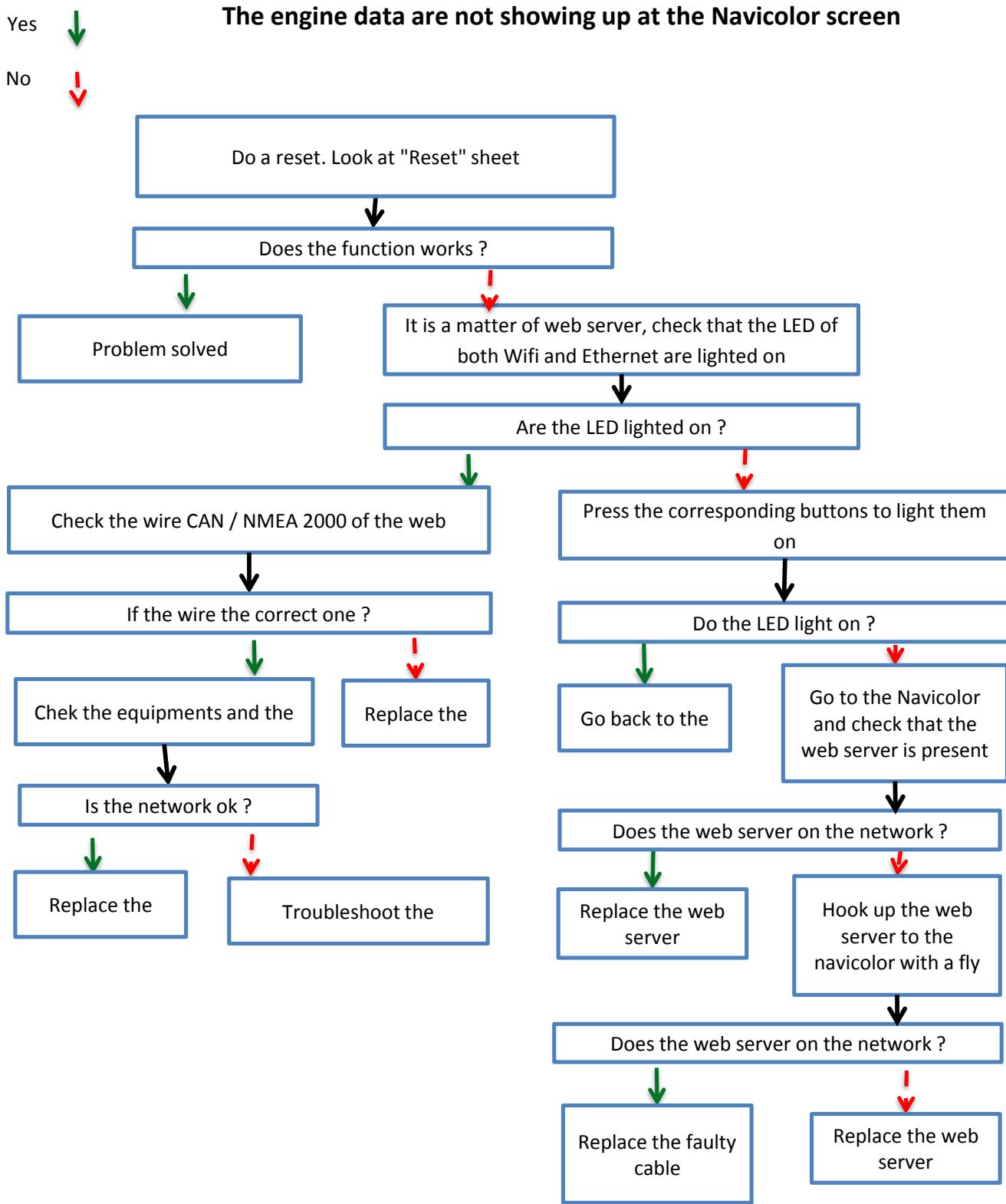


I can not monitor the stereo (monozone)

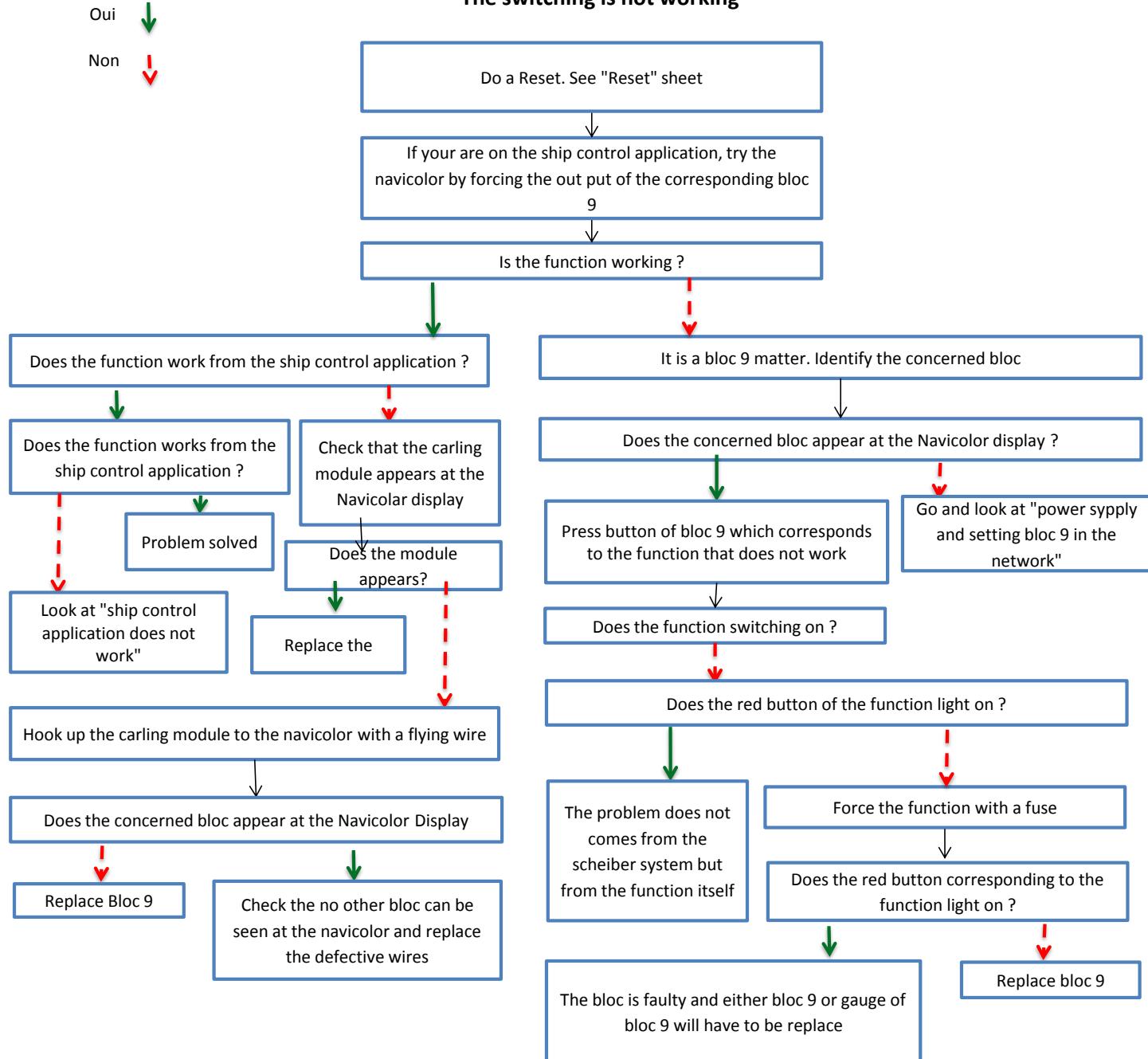
Yes 
No 



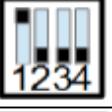
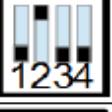
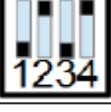
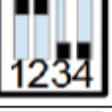
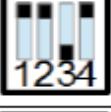
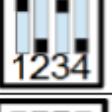
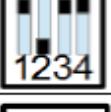
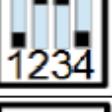
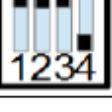
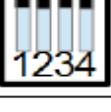




The switching is not working



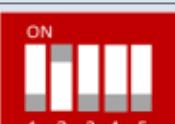
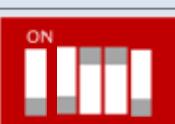
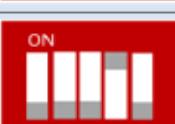
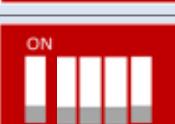
Codling of the microswitch

NETWORK CAN ADDRESS			
POSITION DU SWITCH	DISPLAY CODING N°	POSITION DU SWITCH	DISPLAY CODING N°
	0		8
	1		9
	2		10
	3		11
	4		12
	5		13
	6		14
	7		15

Except : Battery charger MDP

New version (automatic detection)

Battery charger in "MASTER" mode

Configuration	Dipswitch
Chargeur « MASTER » raccordé sur parc batterie N°1	
Chargeur « MASTER » raccordé sur parc batterie N°2	
Chargeur « MASTER » raccordé sur parc batterie N°3	
Chargeur « MASTER » raccordé sur parc batterie N°4	
Chargeur « MASTER » raccordé sur parc batterie N°5	
Chargeur « MASTER » raccordé sur parc batterie N°6	
Chargeur « MASTER » raccordé sur parc batterie N°7	

Recurrent problems

1- The A/C PCB cards are not showing up :

Think about powering up the fan coils (breakers and voltage on A/C at the source selector of the A/C)

2- The blocs appear and desappear constantly :

The problem is must of the time occured by a CAN cable which is not plug in correctly

The problem can be occured at 3, check the 120 ohms

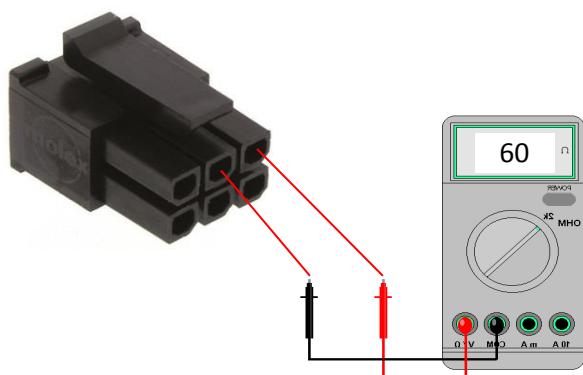
3- There are no blocs showing up at the Navicolor :

Check that the 120 ohms terminal are present and test the resistivity between the CAN -H and the CAN-L (60ohms)

Each of these two network must have of 60 ohms impedance. For that you need two 120 ohms terminals per network

Measure the impedance of every network in different arreas. For that, switch the batteries breakers and all the A/C breakers. Then measure the impedance as per the drawing below :

On a flying cable :



4- The battery charger doesn't appear all the time at the Navicolor :

Depending how the battery chargers are hooked up (directly at the batterie switch in put or on the Navicolor) it can happen that they don't appear all the time on the Navicolor

On the other hand, they inevitably appear when they are powered up in A/C voltage (shore power plug, source selector housing connected and breakers switched on)

5- A bloc is missing on Navicolor even so it is well connected to the network

Check the coding. If the two blocs have the same coding, they only on appear on the Navicolor