

BRABUS Shadow 900 Appendices
BRABUS Shadow 900 XC Appendices

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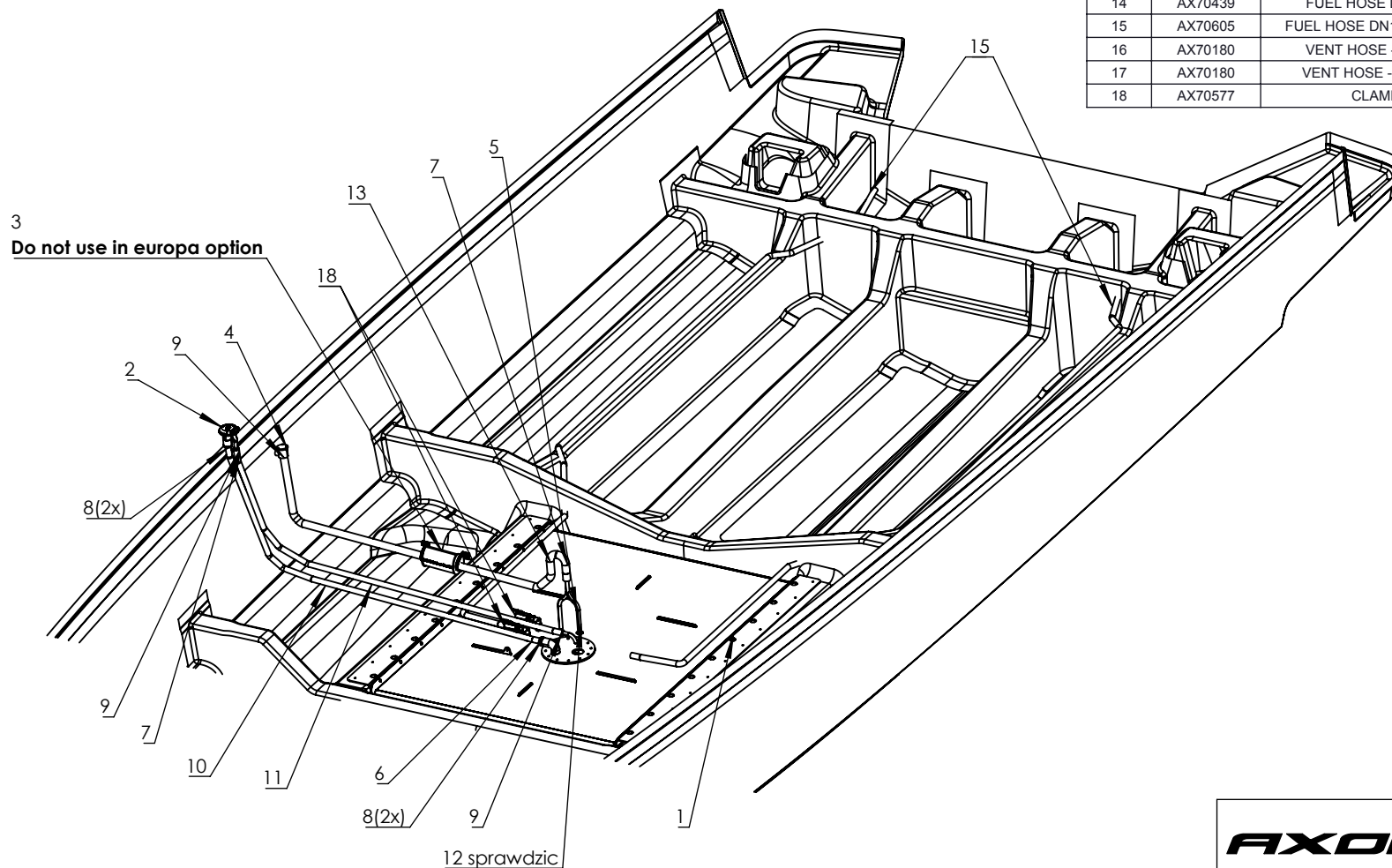
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1 Appendix I: Fuel system

FIND NO	CODE	PART LIST	LENGHT [m]	QTY
1	AX81692	FUEL TANK		1
2	AX80817	FUEL INLET		1
3	AX81635	CARBON CANISTER		1
4	AX81636	P-TRAP		1
5	AX81720	TEE-ALU		1
6	AX81632	ONE DIRECTION VALVE FI 38		1
7	AX81633	ONE DIRECTION VALVE FI 16		1
8	AX70575	CLAMP 35X50		4
9	AX70576	CLAMP 16X27		10
10	AX70440	FUEL HOSE DN38 - FUEL INLET	4,8	1
11	AX70439	FUEL HOSE DN16 - MAIN VENT	4,7	1
12	AX70439	FUEL HOSE DN16 - TEE	0,1	11
13	AX70439	FUEL HOSE DN16 - CARBON CANISTER	1,9	1
14	AX70439	FUEL HOSE DN16 - P-TRAP	0,1	1
15	AX70605	FUEL HOSE DN12 - FUEL POWER	11,6	1
16	AX70180	VENT HOSE - AFT - FI75MM		1
17	AX70180	VENT HOSE - BOW - FI75MM		1
18	AX70577	CLAMP 12X22		2

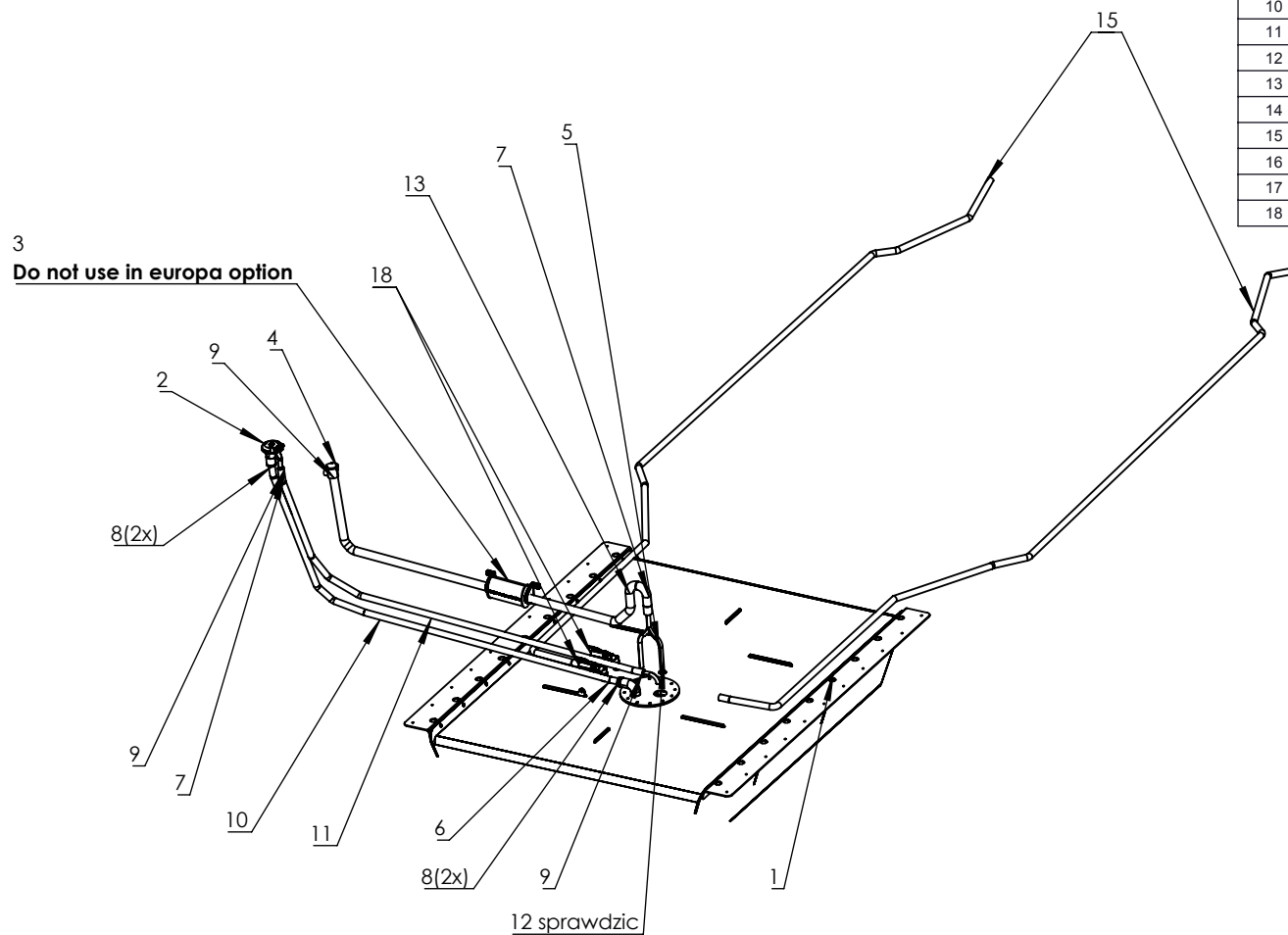


NOTICE:

1. Do NOT use Sikalfex on fuel Hoses
2. See instruction **INS006/AX37-Sh800** for **FUEL PERKO** instalation
3. See instruction **"INSTALLATION INSTRUCTIONS FOR HOSE CLAMPS"**

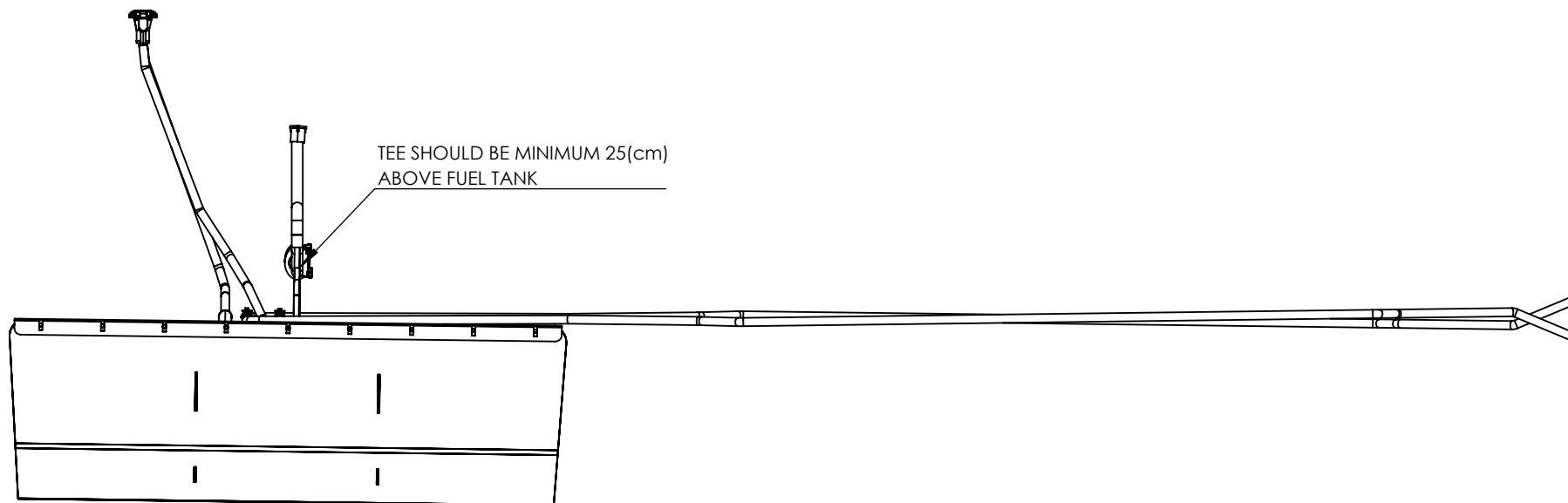
		BOAT MODEL			
		AXOPAR 37L			
DRAWN		TITLE			
Maciej Bukłaho					
MODEL ASSEMBLY		FUEL SYSTEM - PERKO			
Maciej Bukłaho					
APPROVED		DATE	DWG NO.	Rev.	SHEET
PROTOTYPE		02.07.2019	SY-AX37L-01	A	1 OF 1

FIND NO	CODE	PART LIST	LENGHT [m]	QTY
1	AX81692	FUEL TANK		1
2	AX80817	FUEL INLET		1
3	AX81635	CARBON CANISTER		1
4	AX81636	P-TRAP		1
5	AX81720	TEE-ALU		1
6	AX81632	ONE DIRECTION VALVE FI 38		1
7	AX81633	ONE DIRECTION VALVE FI 16		1
8	AX70575	CLAMP 35X50		4
9	AX70576	CLAMP 16X27		10
10	AX70440	FUEL HOSE DN38 - FUEL INLET	4,8	1
11	AX70439	FUEL HOSE DN16 - MAIN VENT	4,7	1
12	AX70439	FUEL HOSE DN16 - TEE	0,1	11
13	AX70439	FUEL HOSE DN16 - CARBON CANISTER	1,9	1
14	AX70439	FUEL HOSE DN16 - P-TRAP	0,1	1
15	AX70605	FUEL HOSE DN12 - FUEL POWER	11,6	1
16	AX70180	VENT HOSE - AFT - FI75MM		1
17	AX70180	VENT HOSE - BOW - FI75MM		1
18	AX70577	CLAMP 12X22		2



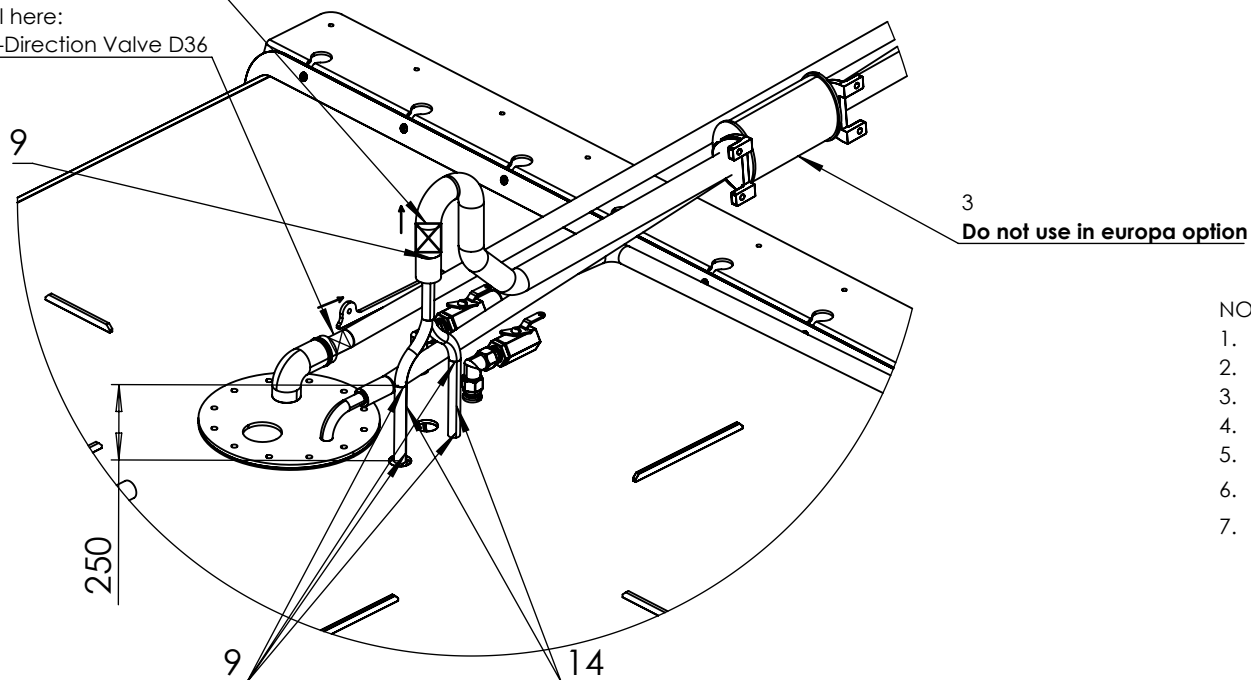
NOTICE:

		BOAT MODEL AXOPAR 37L			
DRAWN Maciej Bukłaho		TITLE FUEL SYSTEM - PERKO			
MODEL ASSEMBLY Maciej Bukłaho					
APPROVED PROTOTYPE		DATE 02.07.2019	DWG NO. SY-AX37L-01	Rev. A	SHEET 1 OF 1



Instal here:
One-Direction Valve D16

Instal here:
One-Direction Valve D36



NOTICE:

1. Do NOT use Sikalfex on fuel Hoses
2. One direction Valve should be instaled in vertical position, or it is allowed to have 30deg tolerance from vertical position
3. Fuel hose should have minimum 3deg drop
5. When Hose is bended its need to keep clearance
6. See instruction **INS006/AX37-Sh800** for **FUEL PERKO** instalation
7. See instruction "**INSTALLATION INSTRUCTIONS FOR HOSE CLAMPS**"

		BOAT MODEL		AXOPAR 37L	
DRAWN		TITLE FUEL SYSTEM - PERKO			
Maciej Bukłaho					
MODEL ASSEMBLY		DATE			
Maciej Bukłaho					
APPROVED		DWG NO.		Rev.	SHEET
PROTOTYPE		02.07.2019		SY-AX37L-01	A 1 OF 1

2 Appendix II: Electrical diagrams

	1	2	3	4	5	6	7	8	
A									
B									
C	Axopar 37 MY20 Axopar 37 MY20 SHADOW ELECTRICAL DIAGRAM / PRODUCTION DRAWINGS DOCUMENT INCLUDES: BOAT HARNESS / PANEL GENERAL LAYOUT ELECTRICAL STRUCTURE OF 12V DC SYSTEM (EURO/USA) 12V DC DIAGRAM PRODUCTION DRAWINGS NOTE! ALL CABLE AREAS ARE IN METRIC SYSTEM (mm2). REVISION G24								
D									
E									
F									
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	Date of modification	Modified by	Description	Project rev. G		Boat model	Title	Loc	
	1	2	3	4	5	6	7	8	

Axopar 37 MY20

Axopar 37 MY20 SHADOW

ELECTRICAL DIAGRAM / PRODUCTION DRAWINGS

DOCUMENT INCLUDES:

BOAT HARNESS / PANEL GENERAL LAYOUT

ELECTRICAL STRUCTURE OF 12V DC SYSTEM (EURO/USA)

12V DC DIAGRAM

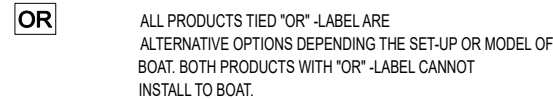
PRODUCTION DRAWINGS

NOTE! ALL CABLE AREAS ARE IN METRIC SYSTEM (mm2).

REVISION G24

12Vdc HARNESS STRUCTURE:

(APPLIES ONLY THIS PAGE)



12Vdc BATTERY BOX PRODUCTS: STANDARD

(STANDARD)

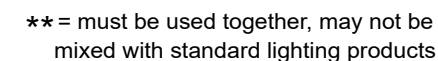
**BATTERY BOX
CABLES STANDARD
29607**

(OPTIONAL)

**SOLAR PANEL
CABLES
29606**

(OPTIONAL)	(OPTIONAL)	(OPTIONAL)
INVERTER CABLE SET 29611	AUTOPILOT HARNESS 30736	POWER STEERING CABLES 1xPUMP 30880
(OPTIONAL)	(OPTIONAL)	(OPTIONAL)
ISM HARNESS 30735	BATTERY BOX CHARGER CABLES 30737	POWER STEERING CABLES 2xPUMP 30881

 BOW BATTERY SYSTEM PRODUCTS

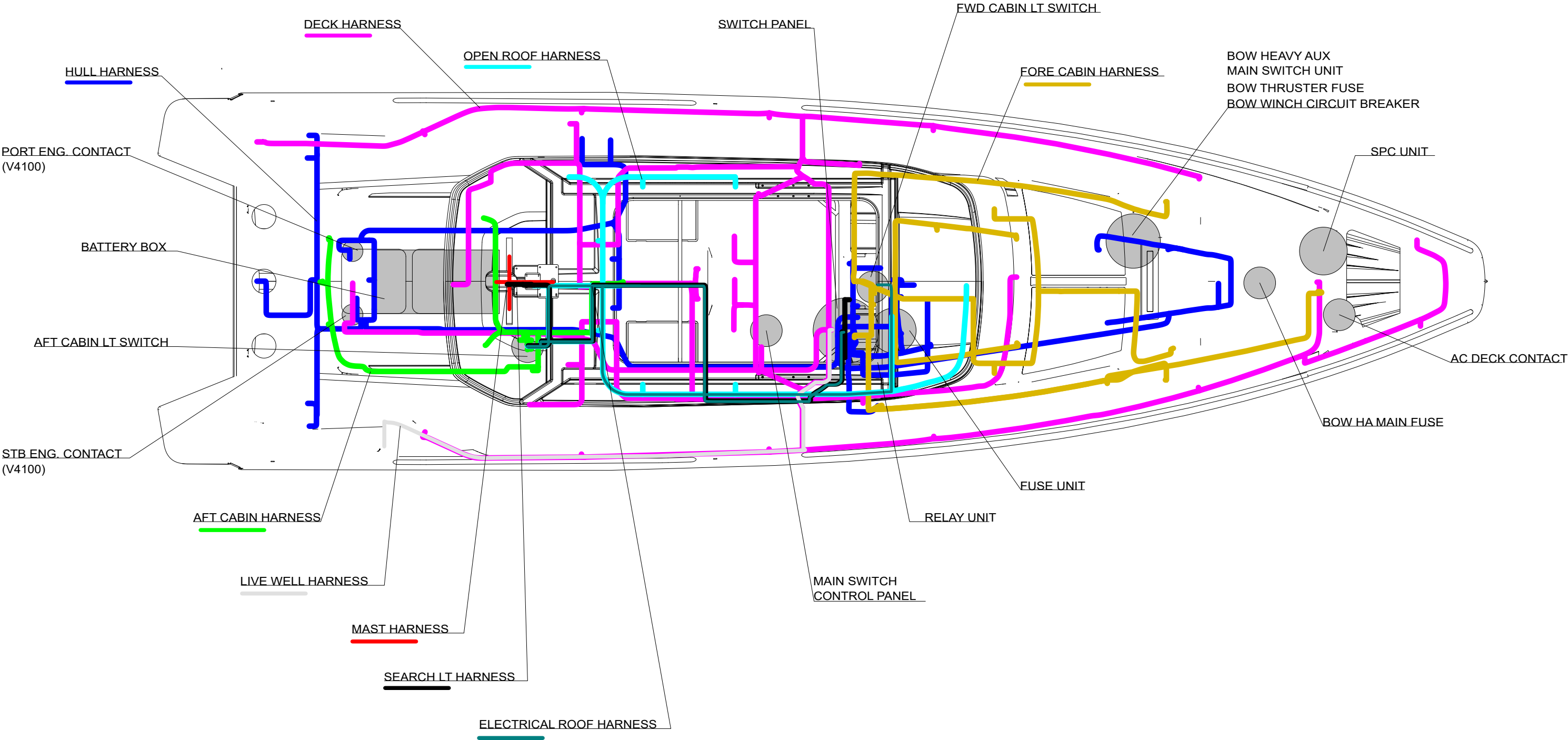


NAVIX
designed solutions

T-TOP (TT) HARNESS/ PANEL GENERAL LAYOUT

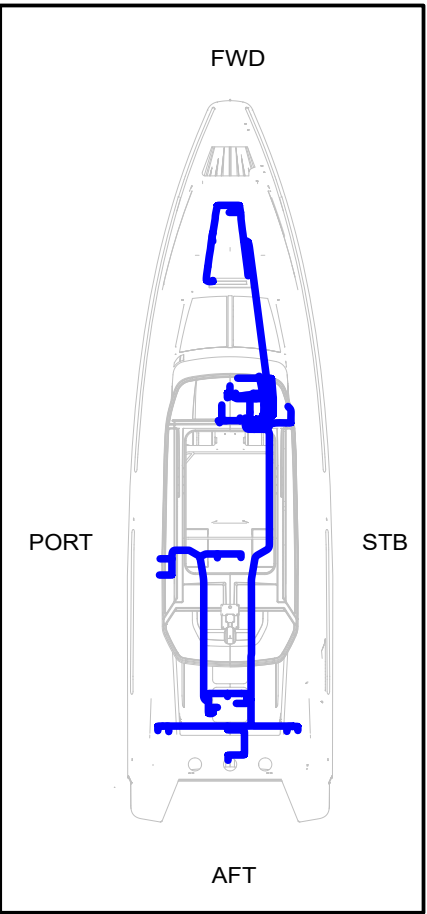
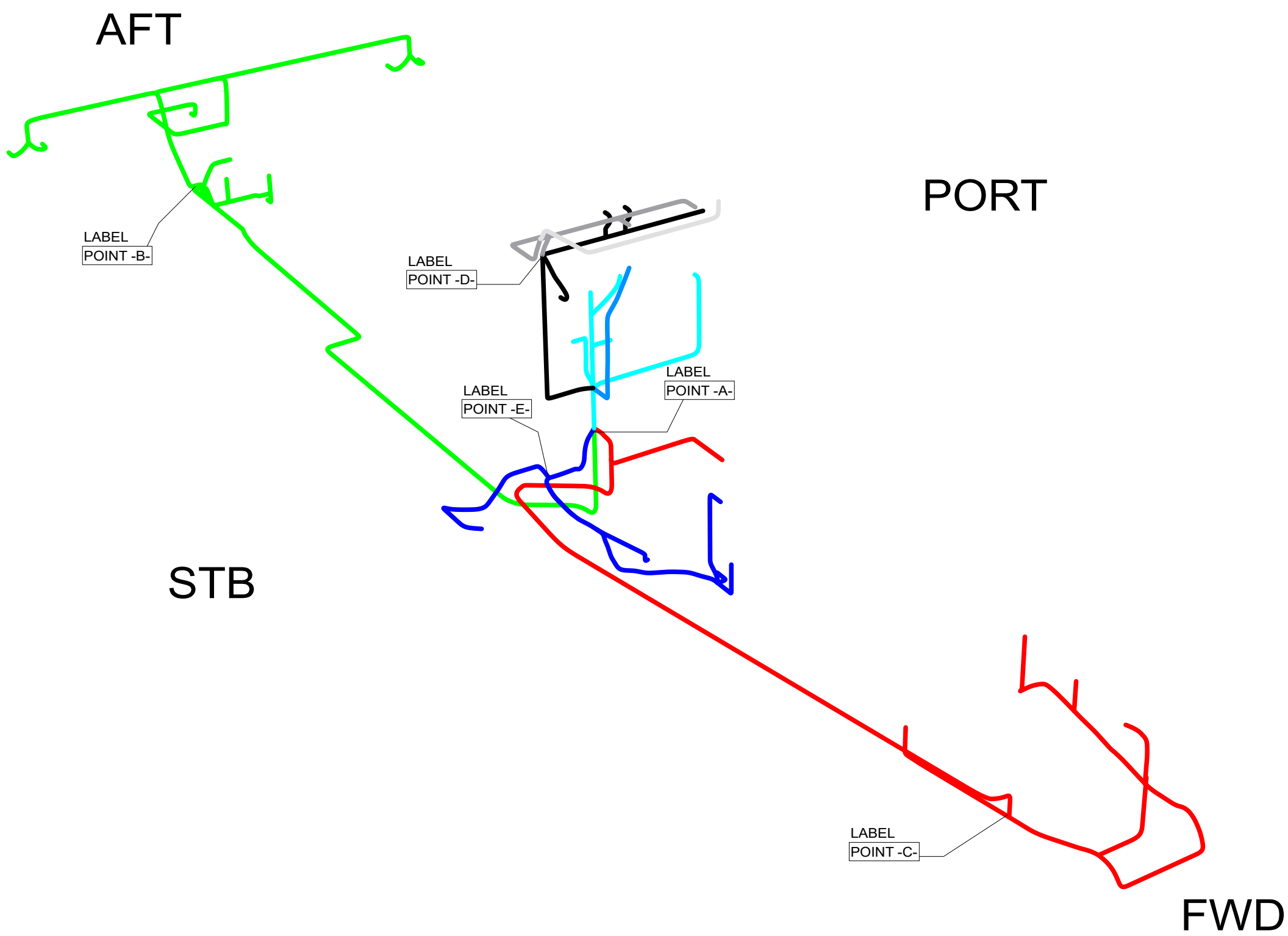
TOP VIEW

NOTE!
LAYOUT GIVES ONLY APPROXIMATE LOCATION OF PANEL AND HARNESS.



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HULL HARNESS - LAYOUT

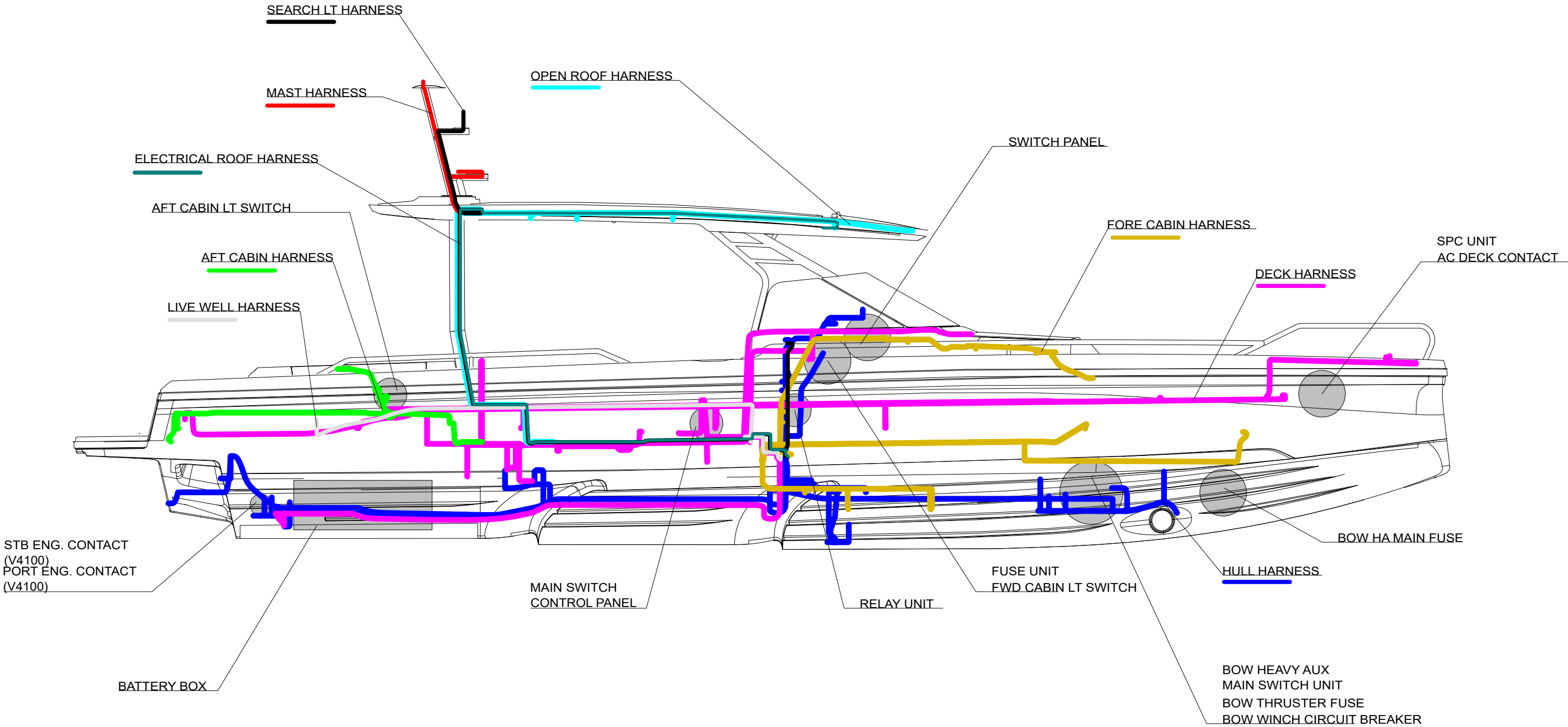


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Date of modification	Modified by	Description	Project rev.	G		Boat model	Title		Loc			

T-TOP (TT) HARNESS/ PANEL GENERAL LAYOUT

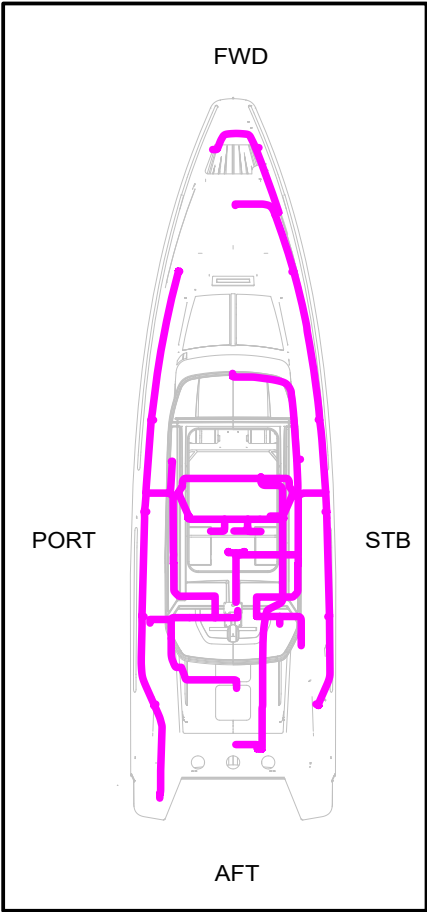
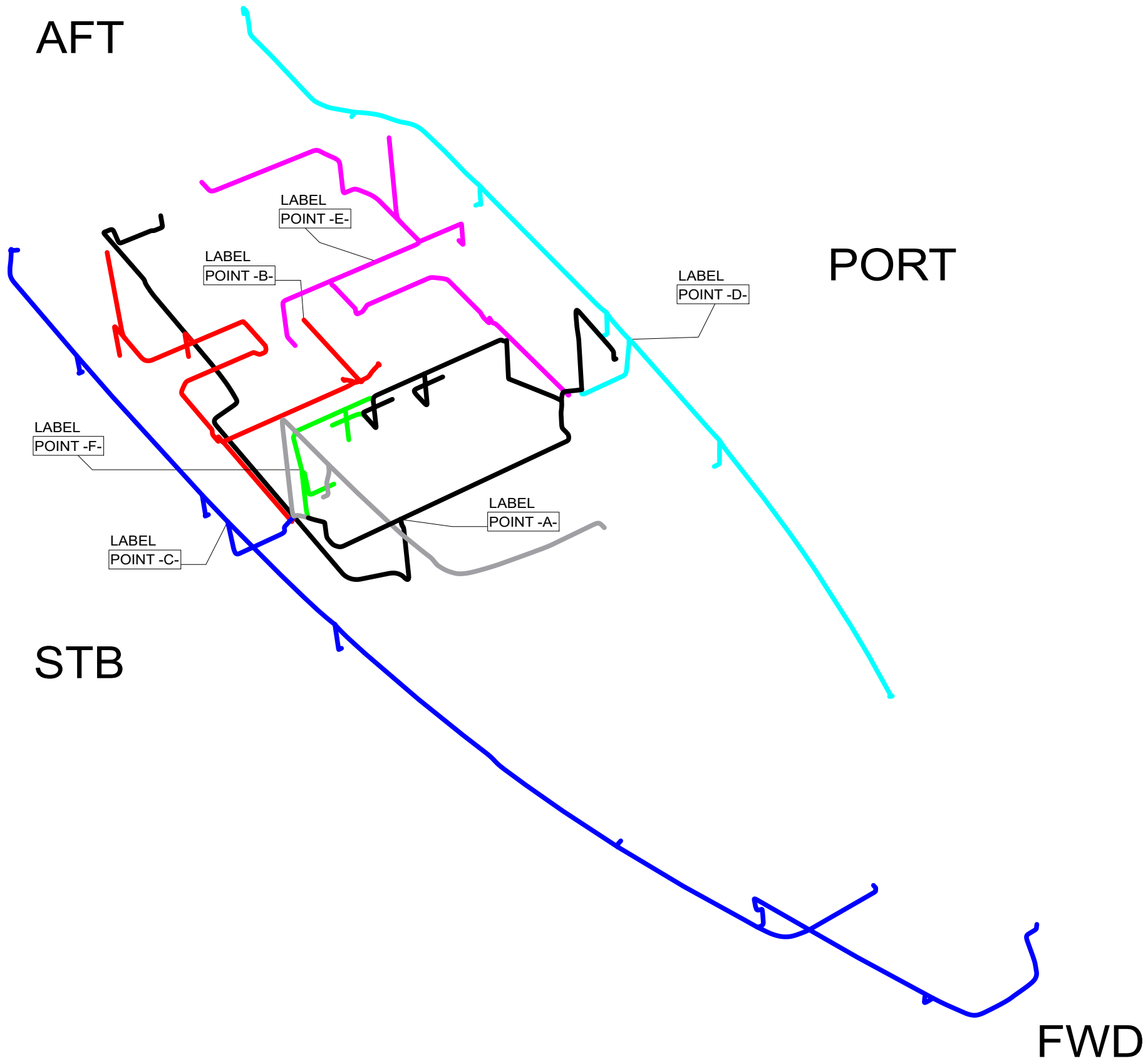
SIDE VIEW

NOTE!
LAYOUT GIVES ONLY APPROXIMATE LOCATION OF PANEL AND HARNESS.



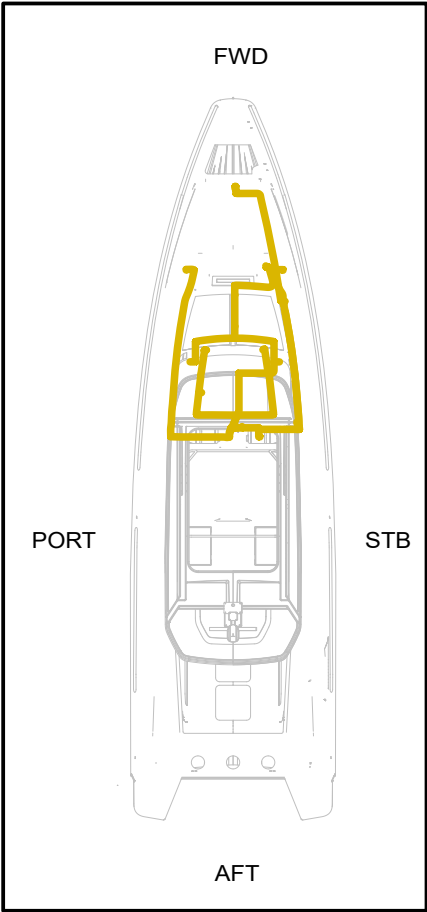
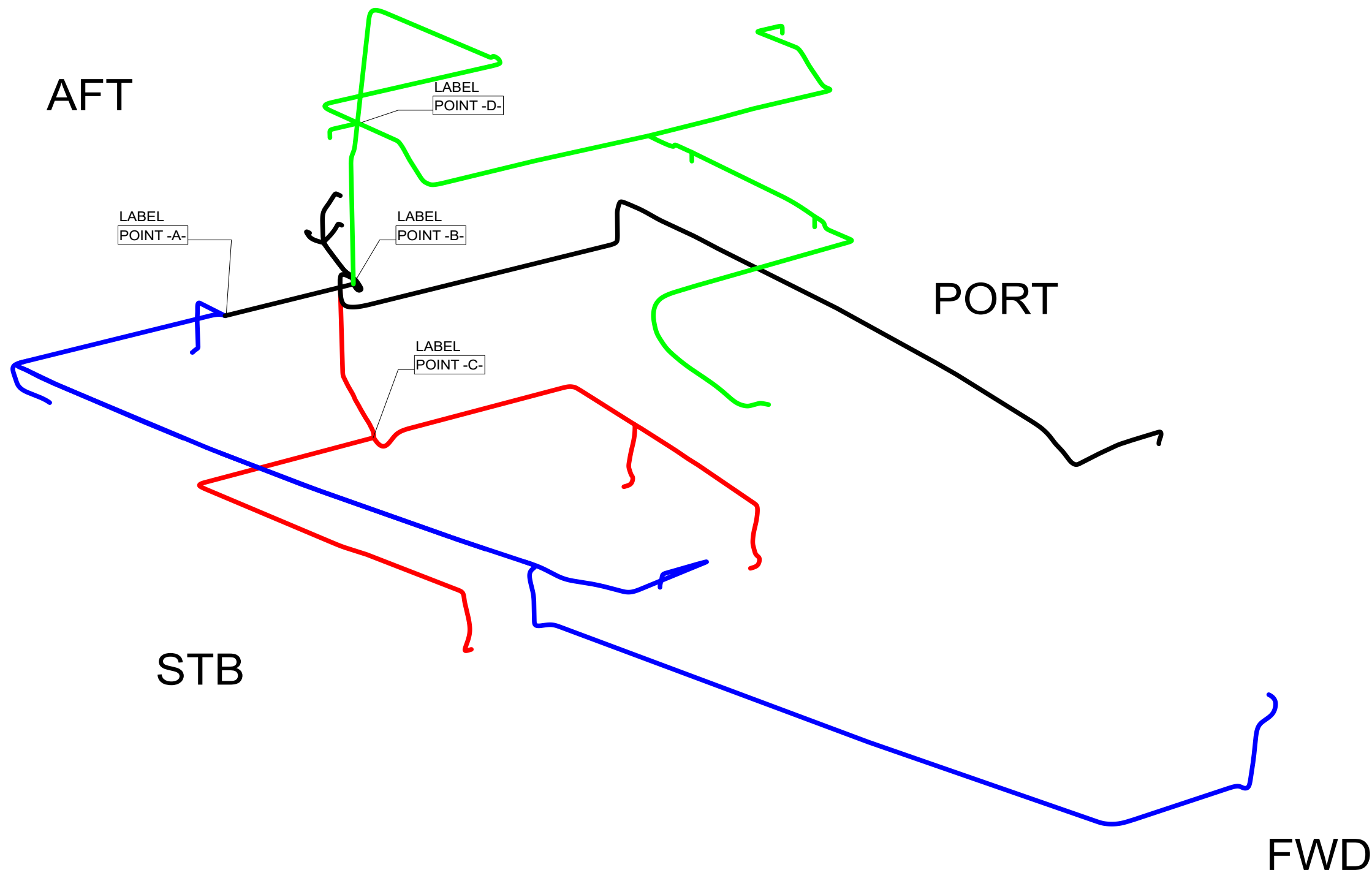
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DECK HARNESS - LAYOUT



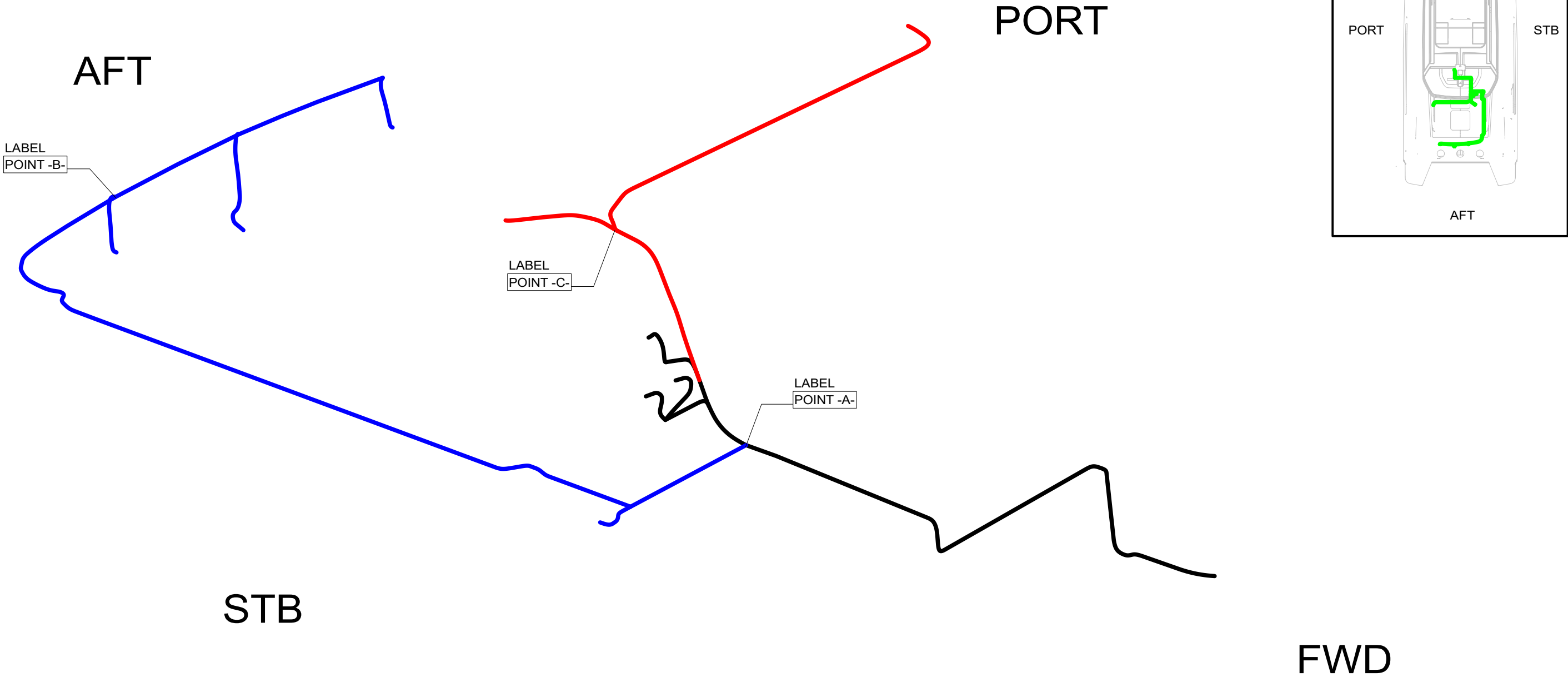
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1		2		4		6		7		8
					NAVIX		designed solutions		6 / 210	
					Copyright by				Sheet	

FORE CABIN HARNESS - LAYOUT



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Date of modification	Modified by	Description	Project rev.	G	Boat model		LAYOUT		Loc	

AFT CABIN HARNESS - LAYOUT



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(OPEN/ CABIN) ROOF HARNESS - LAYOUT

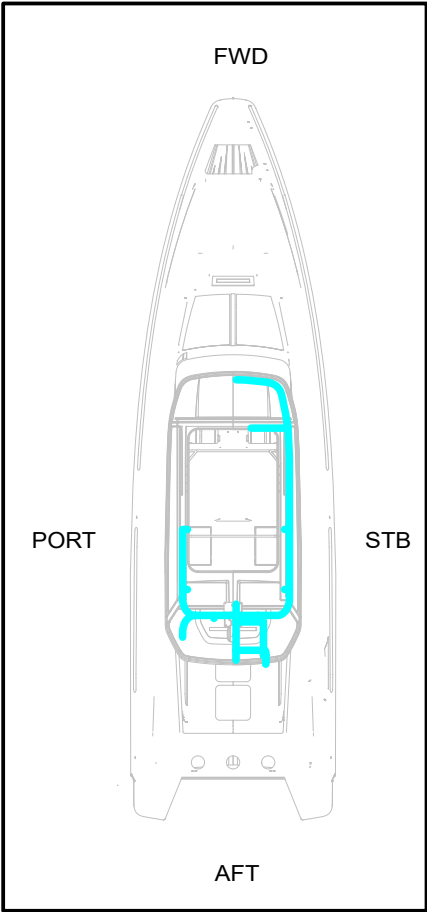
AFT

PORT

STB

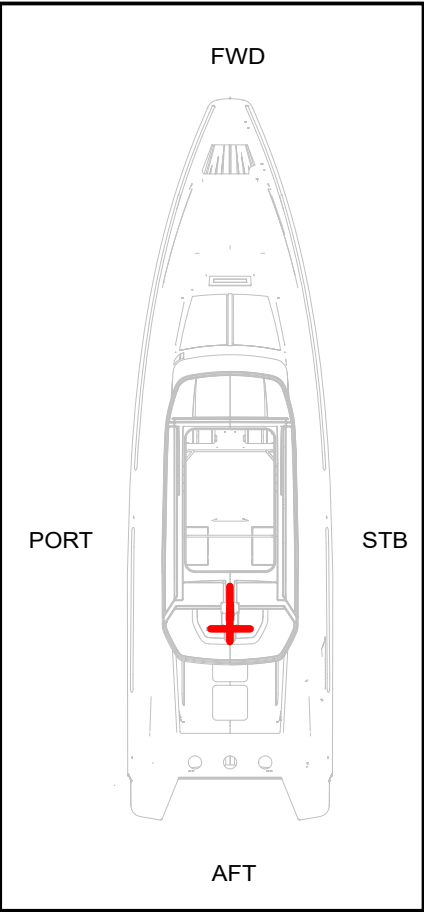
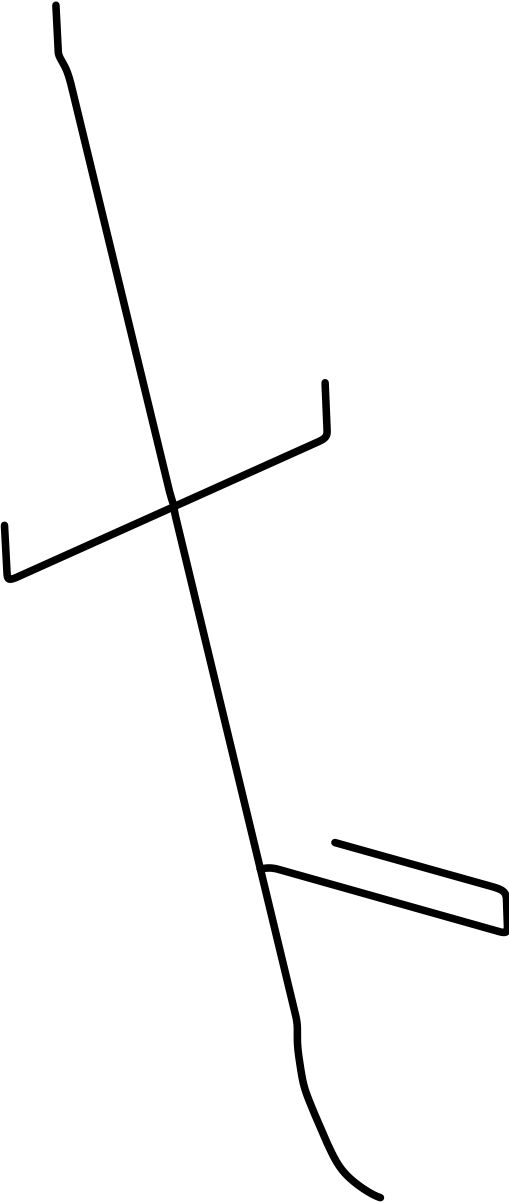
FWD

LABEL
POINT -B-
LABEL
POINT -C-
LABEL
POINT -A-



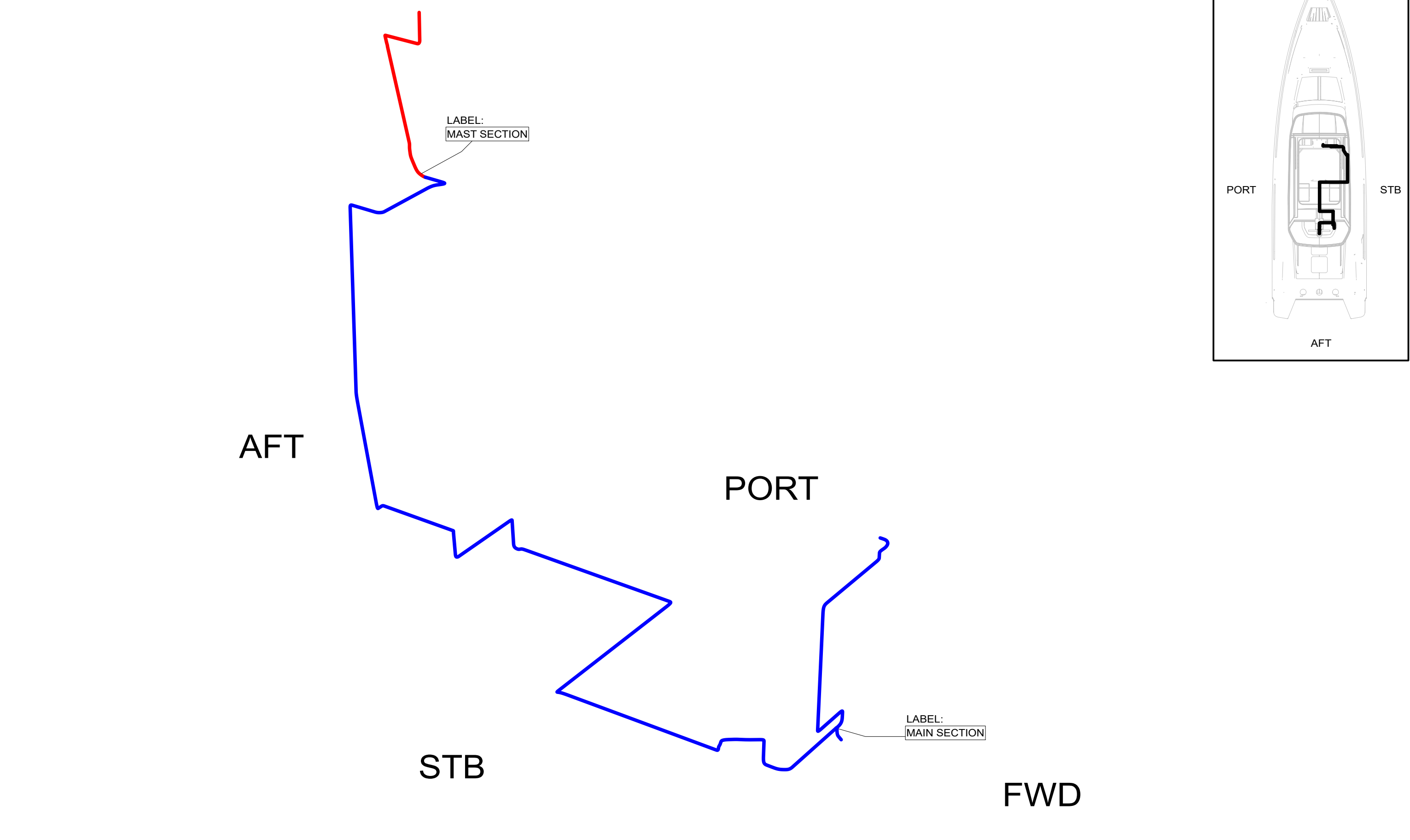
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Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc			Sheet	

MAST HARNESS - LAYOUT



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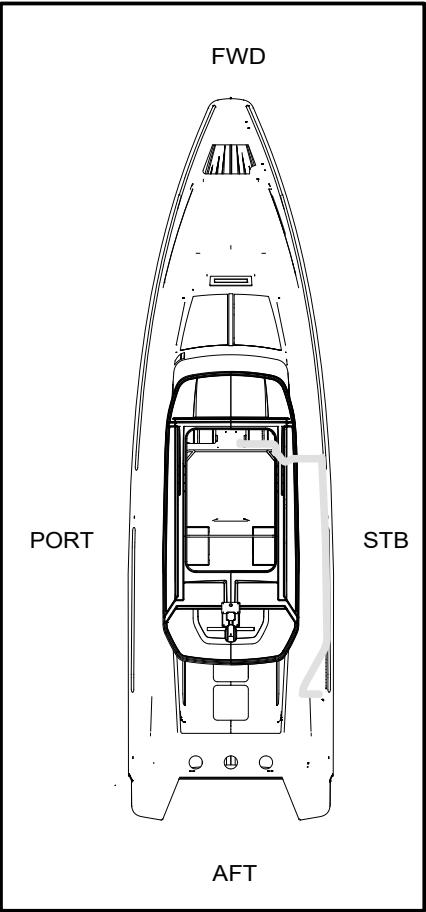
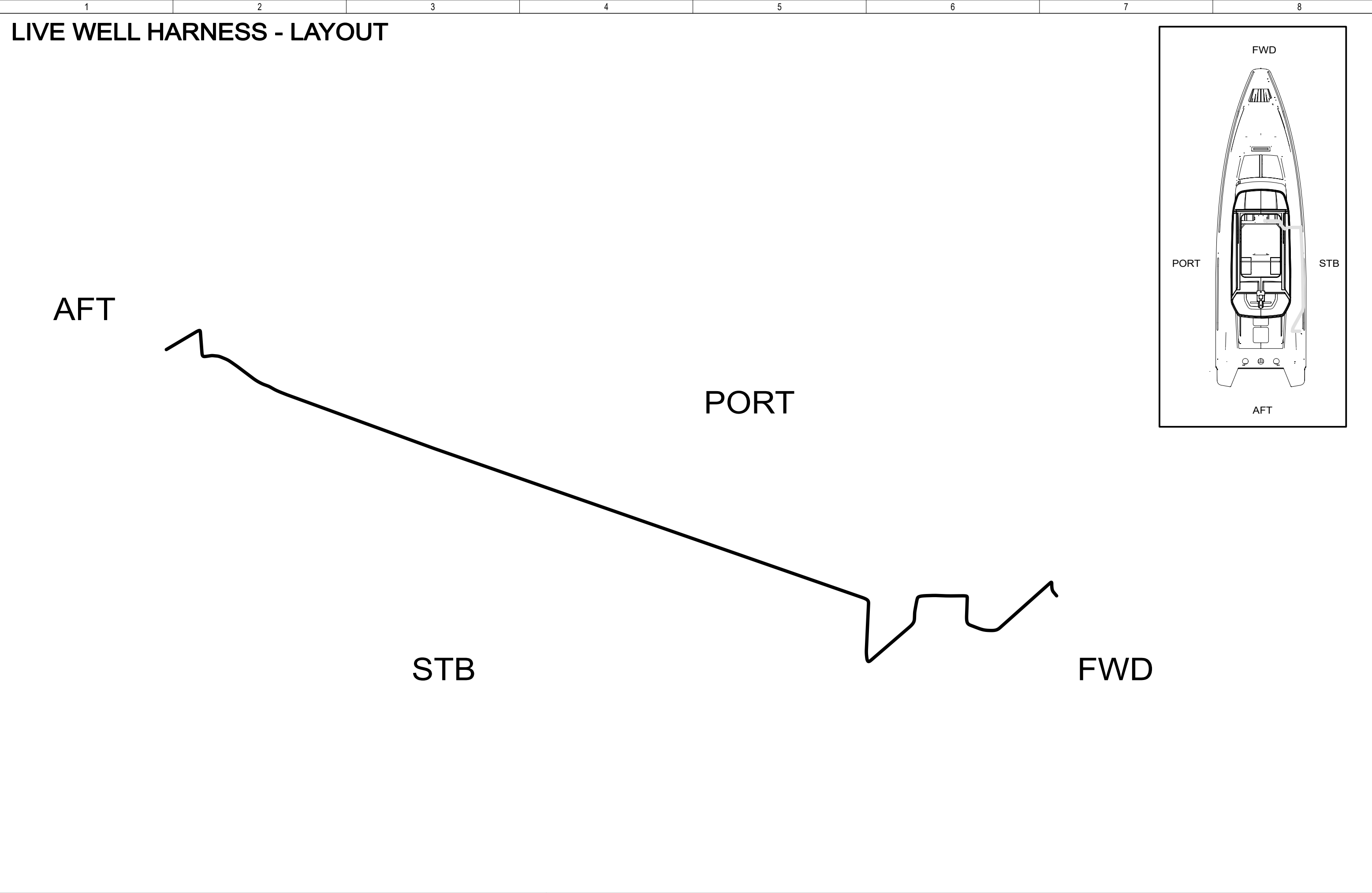
SEARCH LT HARNESS - LAYOUT



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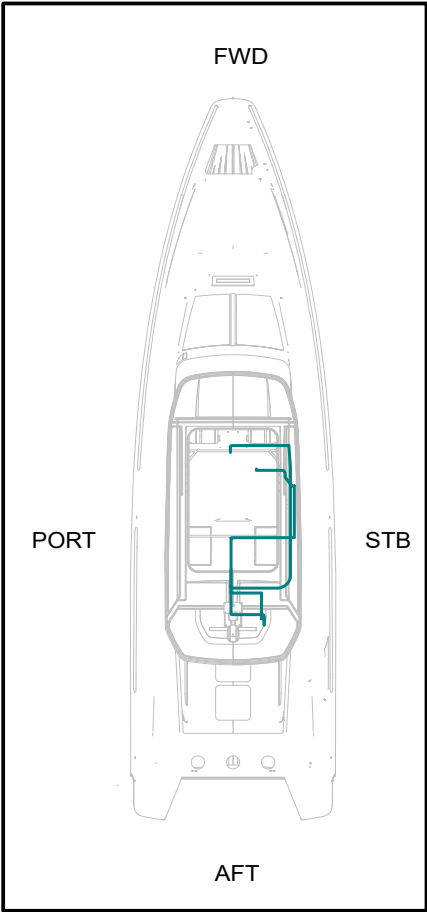
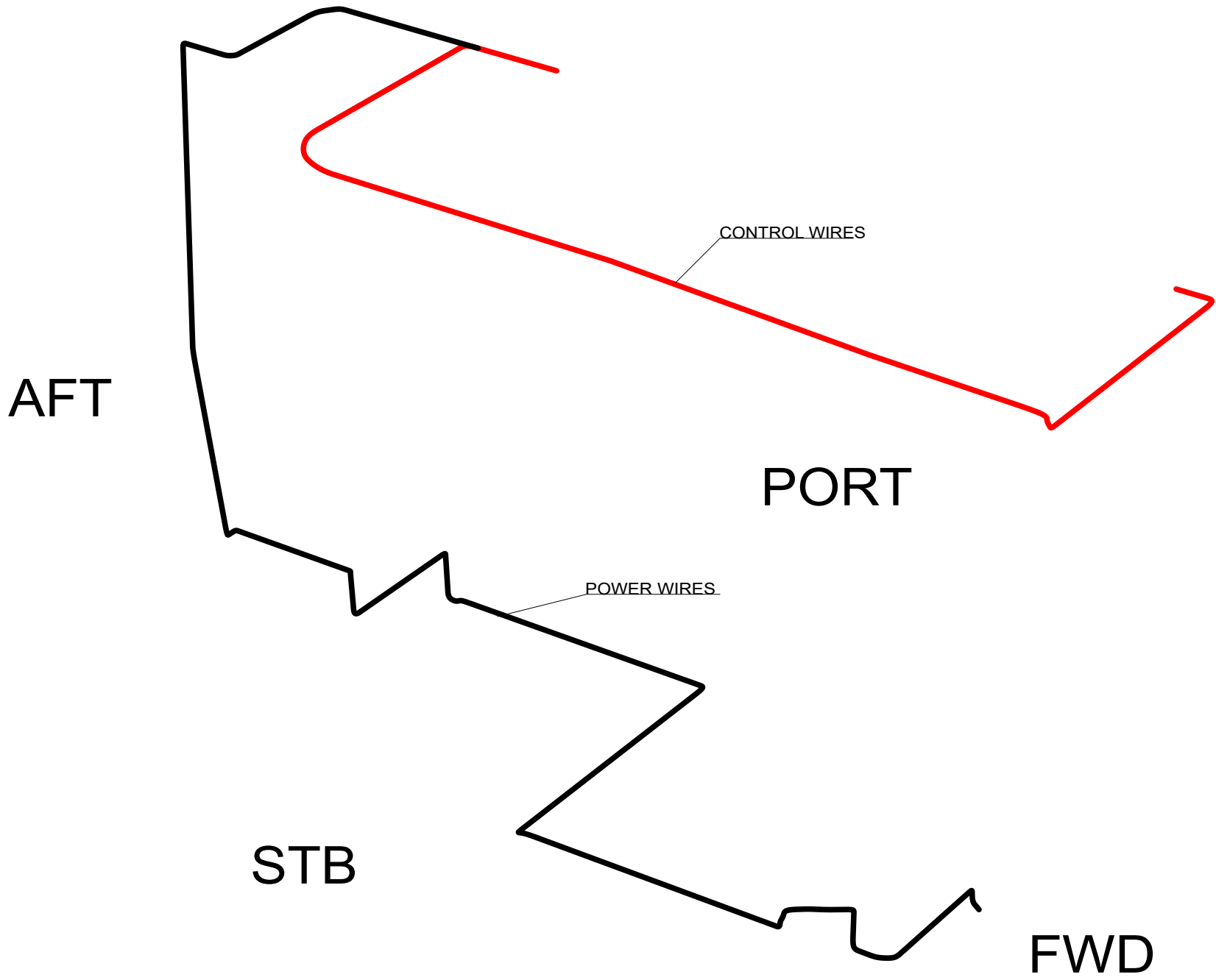


Copyright by



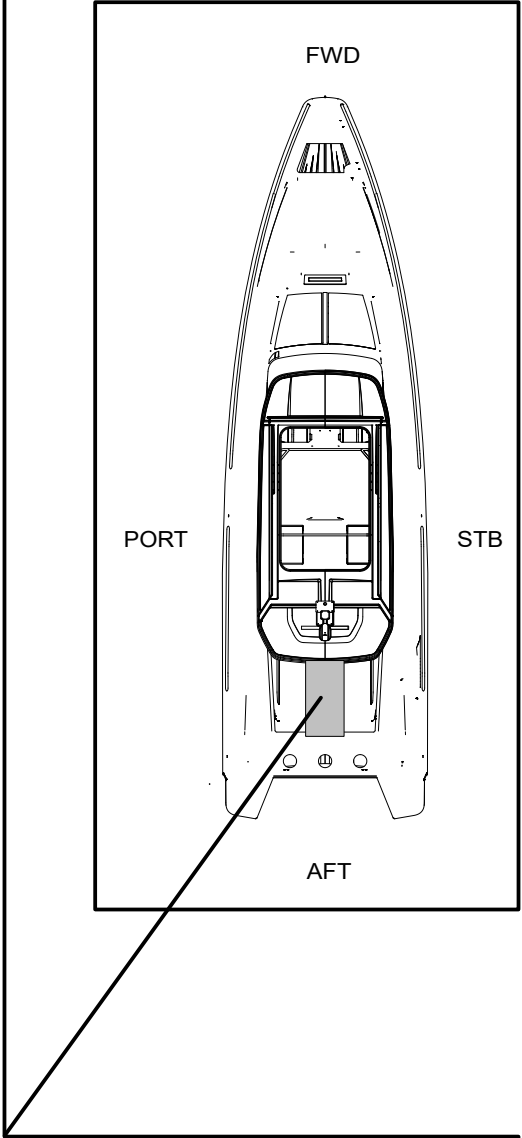
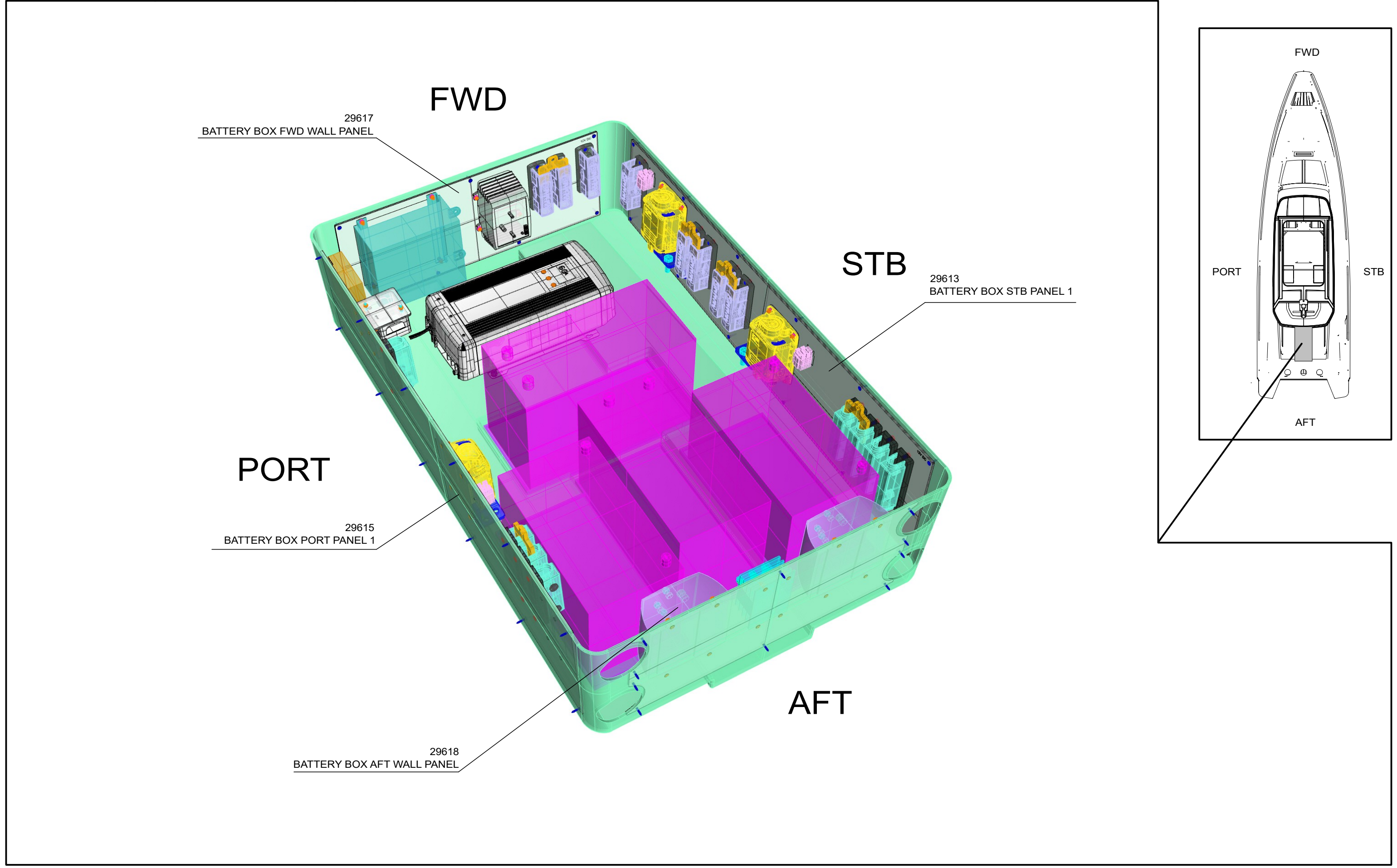
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Date of modification	Modified by	Description	Project rev.	G			Boat model	Title	Loc	Sheet	

ELECTRICAL ROOF HARNESS - LAYOUT

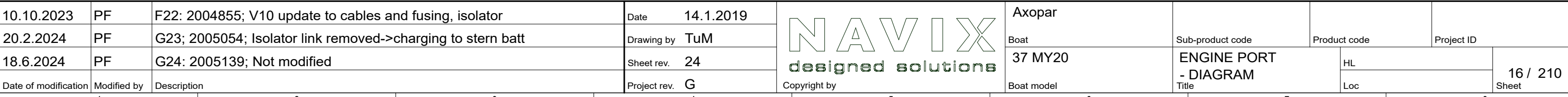


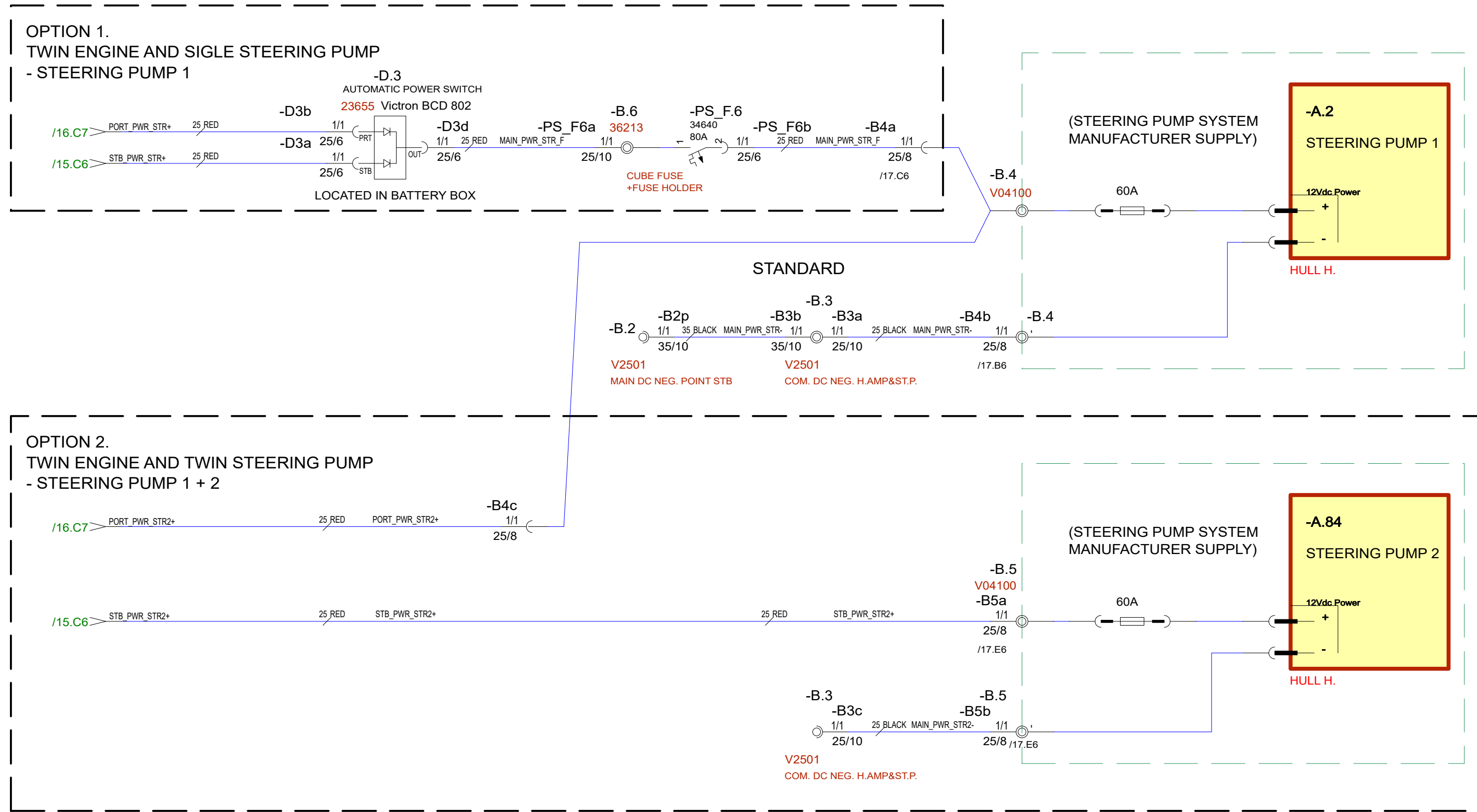
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BATTERY BOX PANEL LAYOUT

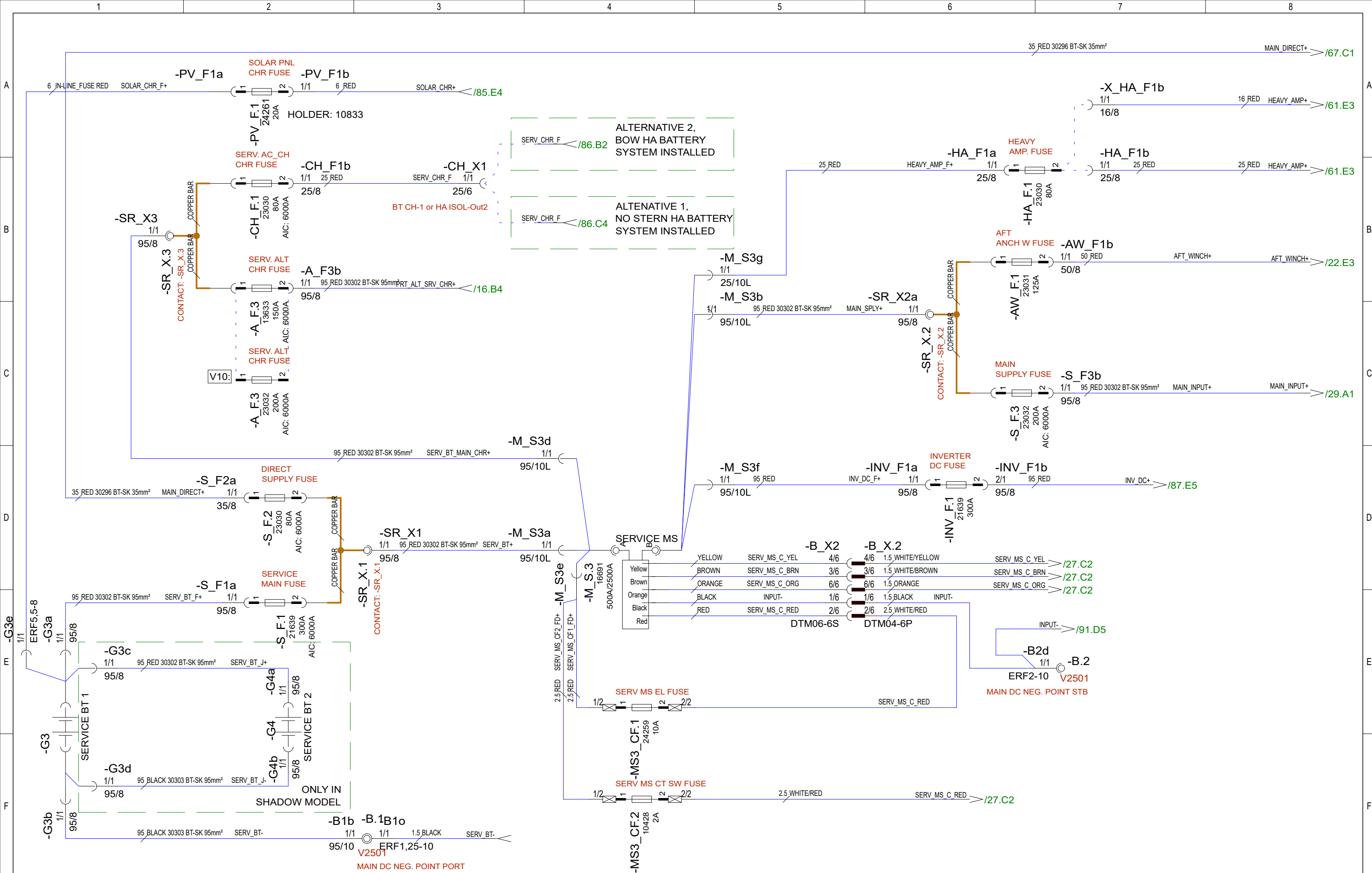


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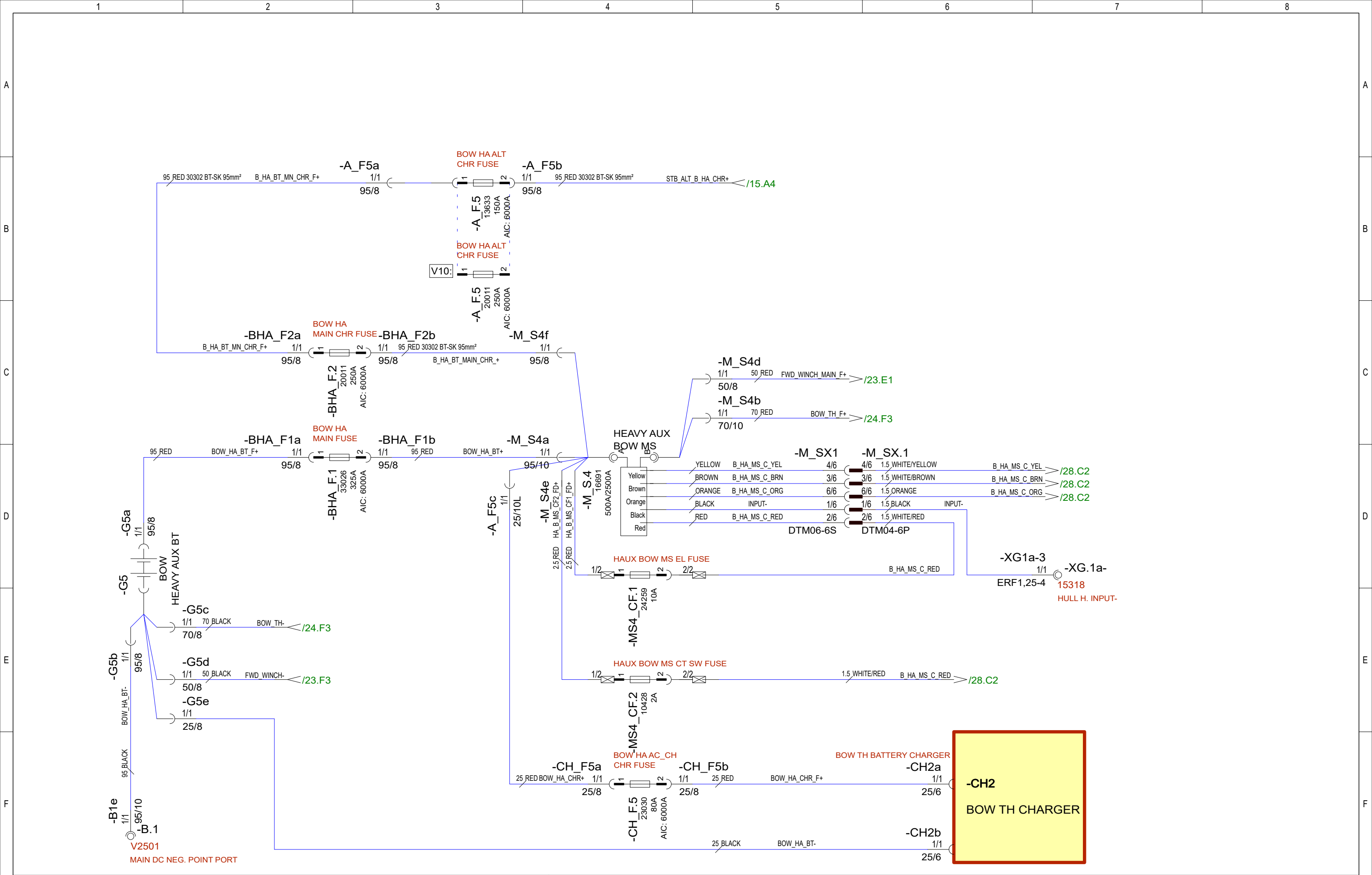




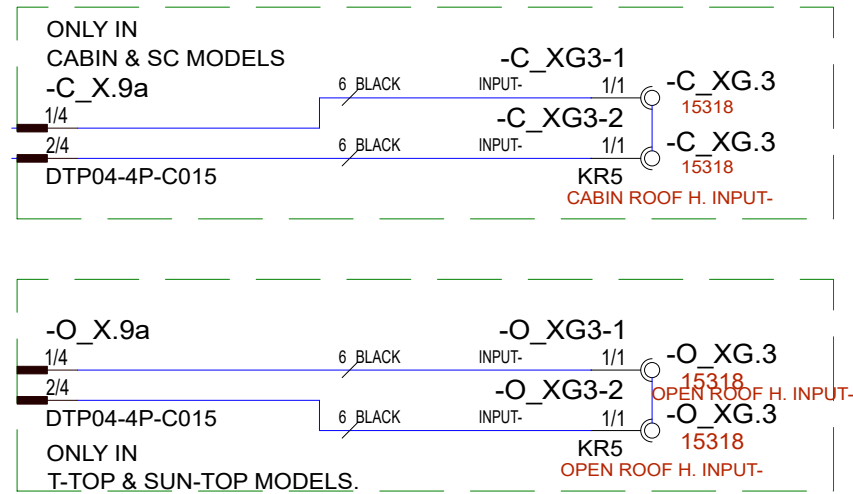
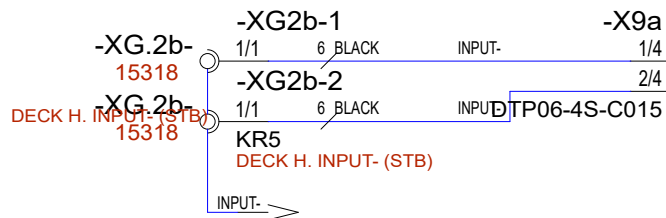
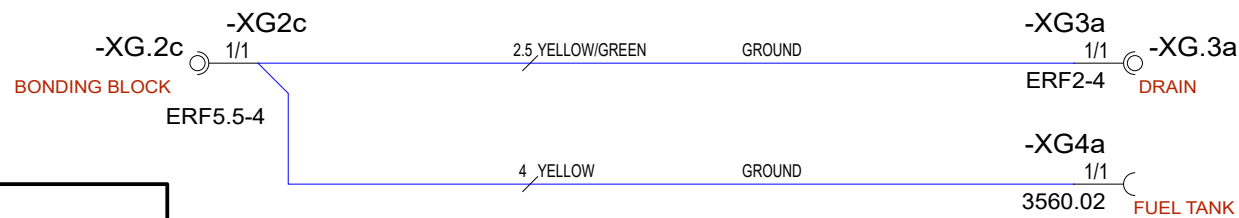
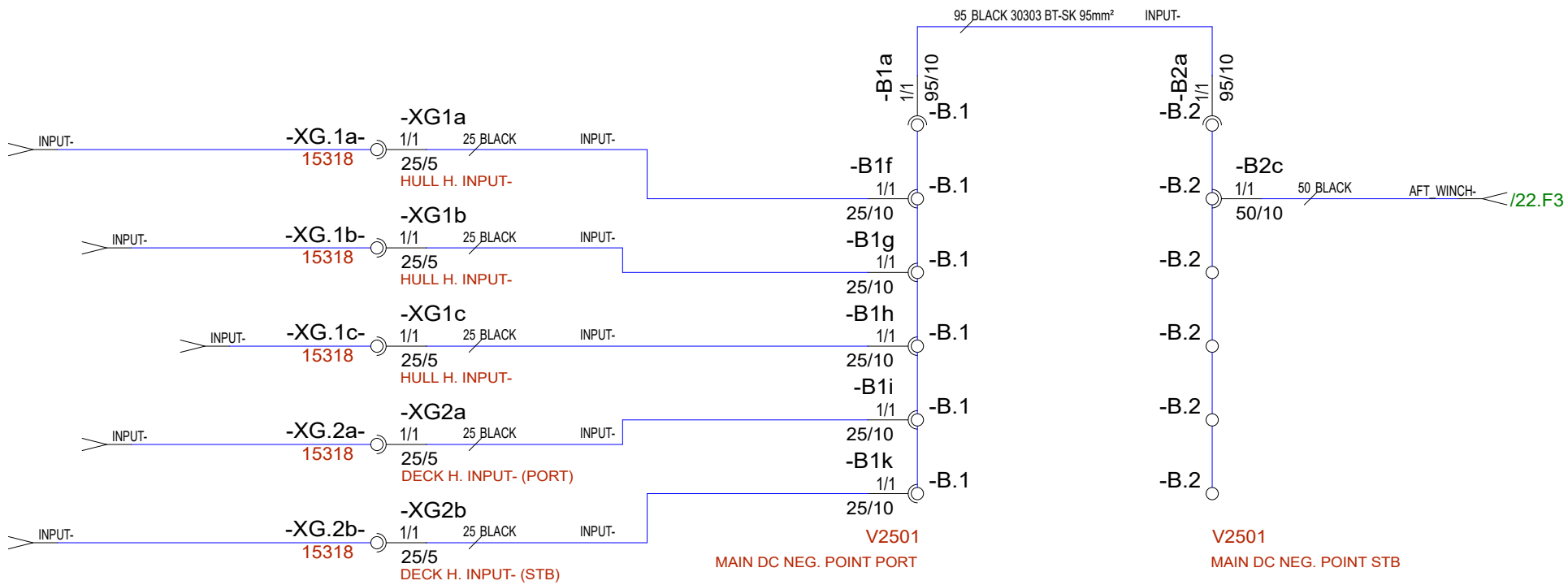
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18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	POWER STEER		HL	17 / 210
Date of modification	Modified by	Description	Project rev.	G		Boat model	- DIAGRAM		Loc	



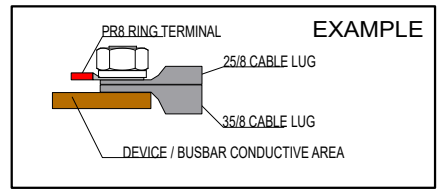
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18.6.2024	PF	G24: 2005139; Service bt 3 added, inverter cables ->95mm2 & fuse 300A	Sheet rev.	24		Boat model	SERVICE - DIAGRAM	HL	18 / 210 Sheet						
Date of modification	Modified by	Description	Project rev.	G				Title		Loc					
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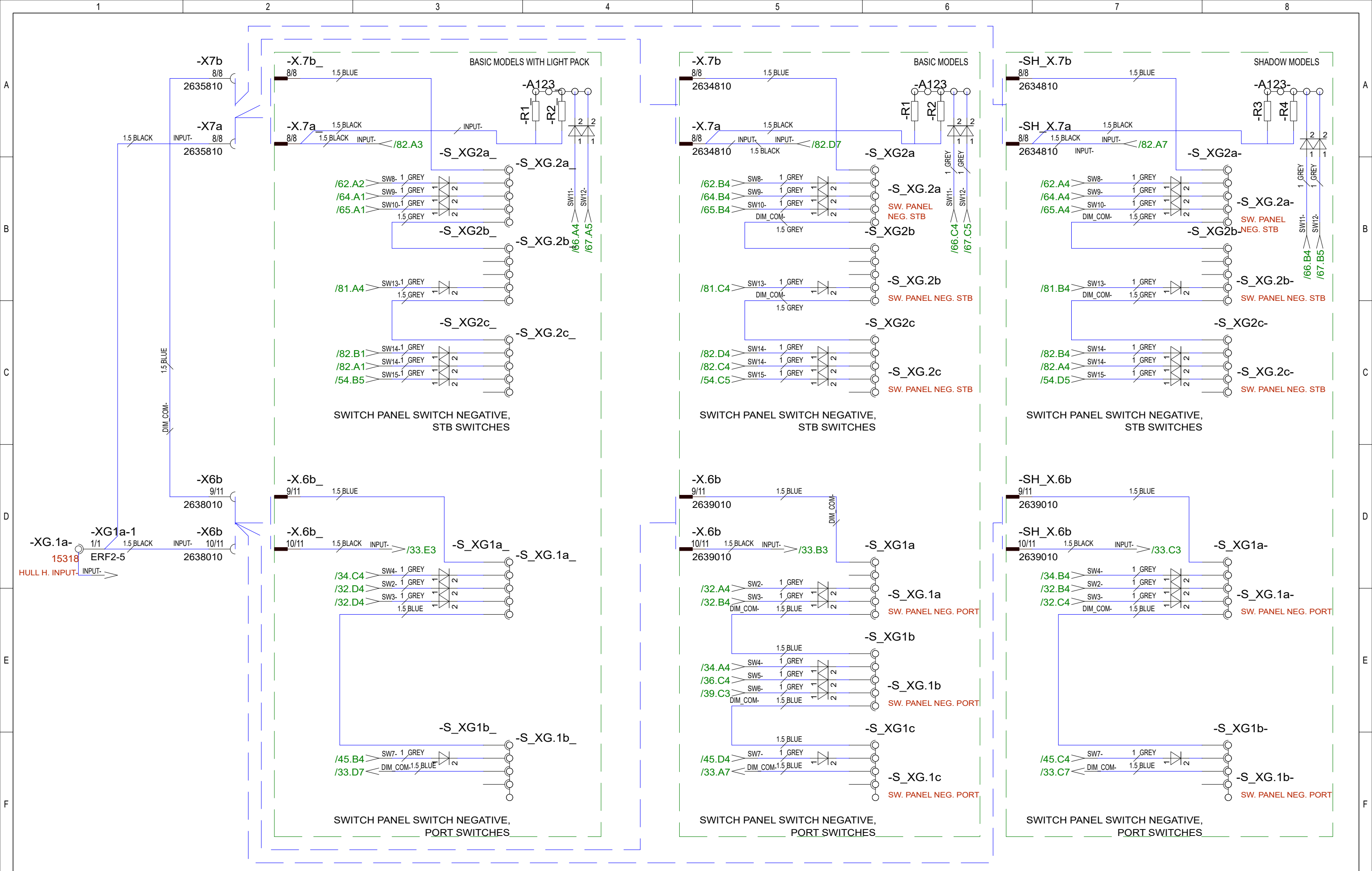
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Date of modification	Modified by	Description	Project rev.	G		Boat model		Title		Loc				
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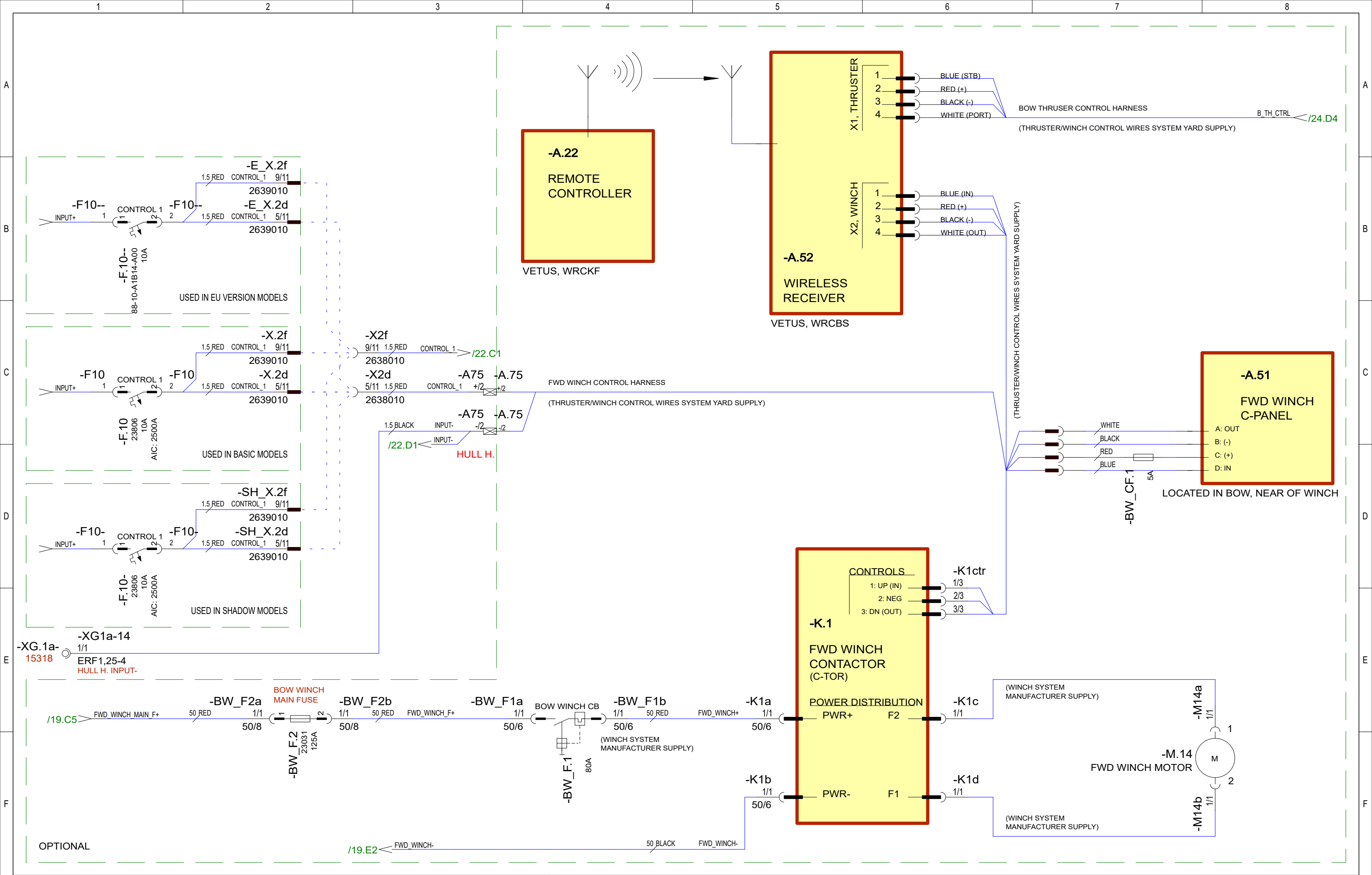
NOTICE!
INSTALL CABLES TO DEVICE SO THAT
LARGEST TERMINALS ARE CLOSEST
TO DEVICES CONDUCTIVE AREA.



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Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc	Sheet



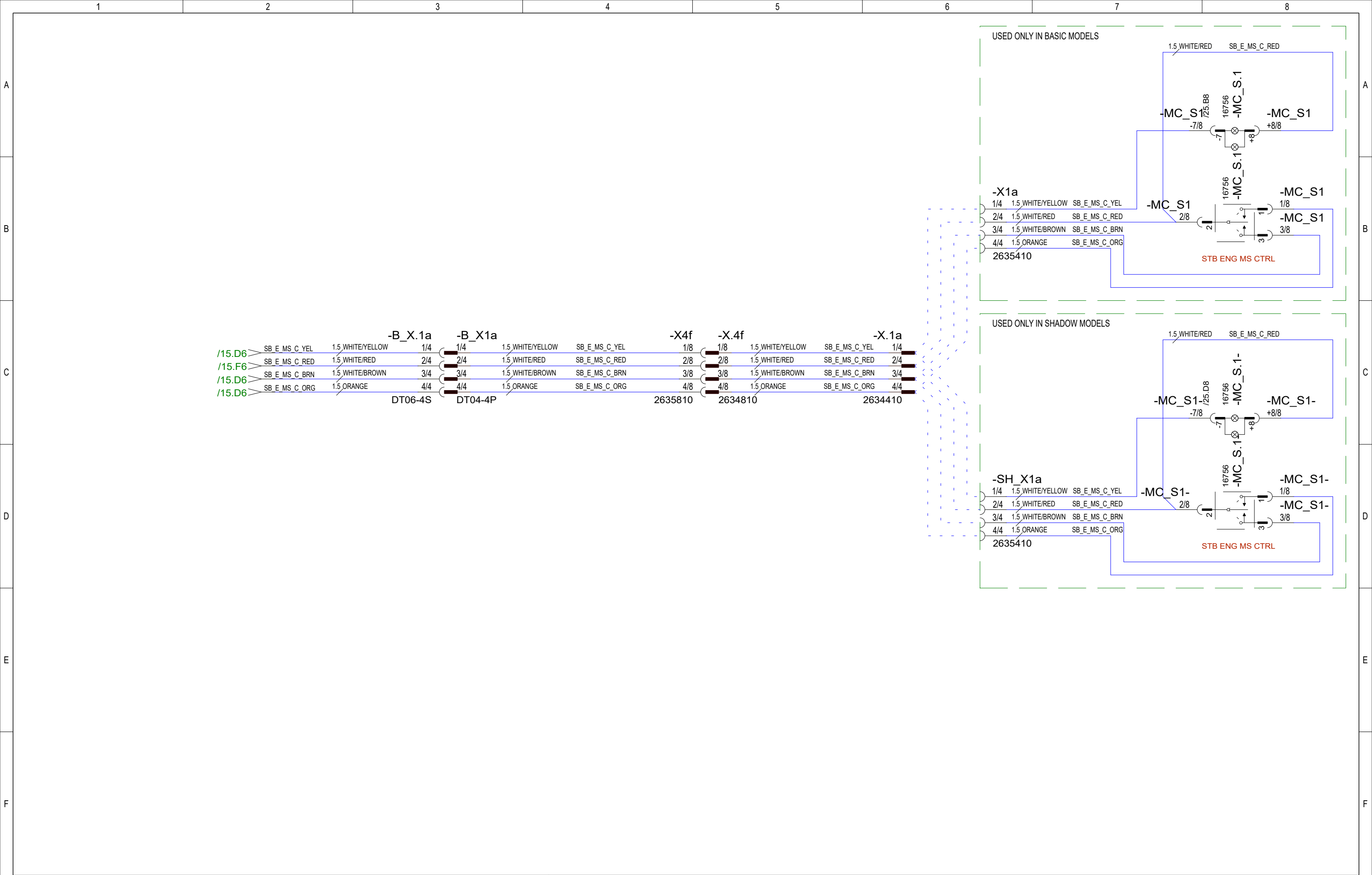
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20.2.2024	PF	G23; 2005054; LP version of swp added	Drawing by	TuM			Boat		Sub-product code	Product code	Project ID	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	Copyright by		37 MY20		SWITCH PANEL INPUT- - DIAGRAM		HL	21/ 210
Date of modification	Modified by	Description	Project rev.	G			Boat model		Title	Loc	Sheet	



10.10.2023	PF	F22: 2004916; Winch fuse ->125A, cables ->50m2	Date	14.1.2019	NAVIX		Axopar					
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM	designed solutions		Boat	37 MY20	Sub-product code	Product code	Project ID	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	Copyright by		FWD WINCH/ WIRELESS		TITLE		23 / 210	
Date of modification	Modified by	Description	Project rev.	G			Boat model		REMOTE - DIAGRAM		Loc	Sheet
1	2	3	4	5	6	7	8					

B

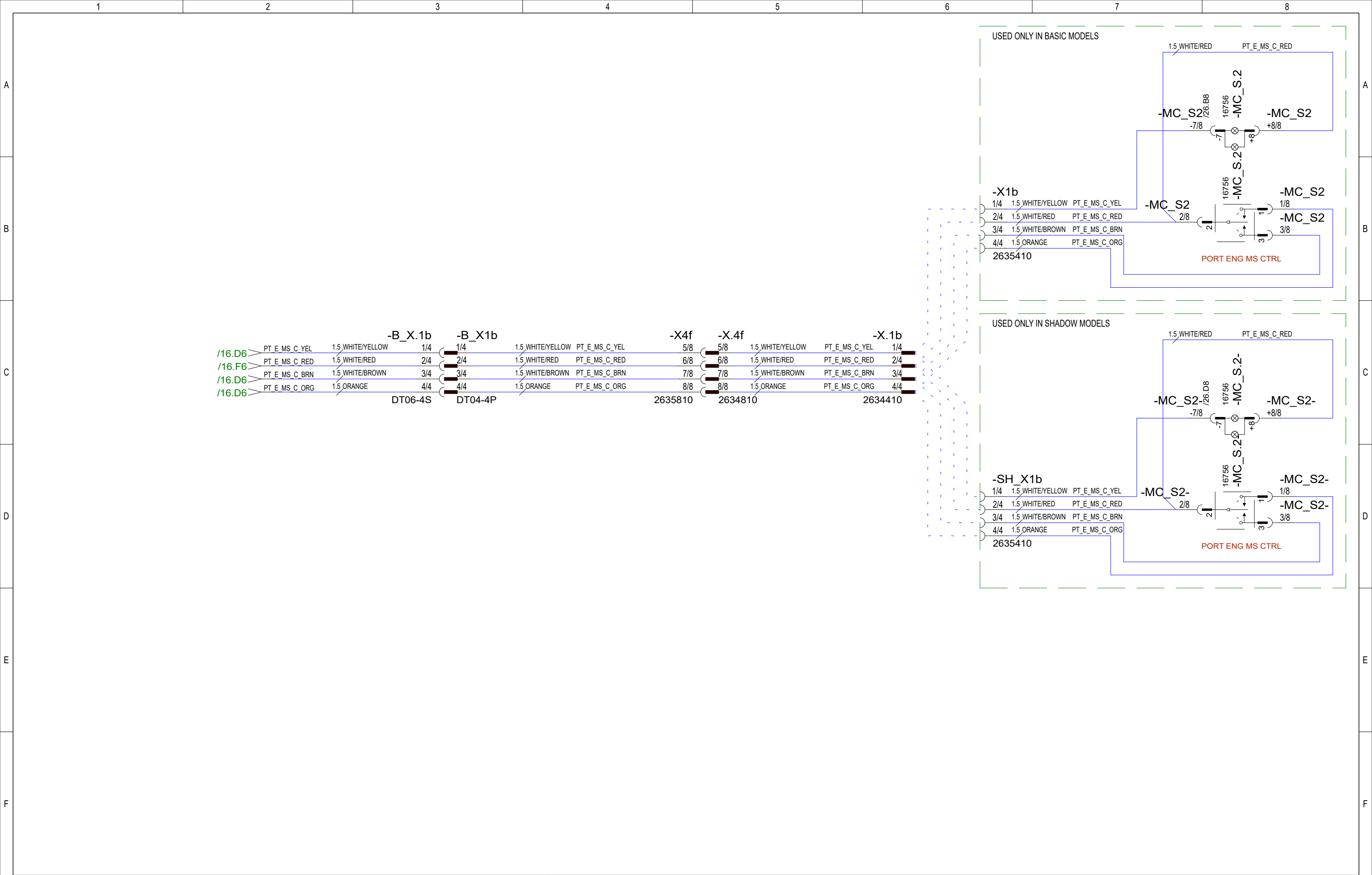
F



10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions Copyright by	Axopar	Sub-product code	Product code		Project ID	
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat					
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	MAIN SWITCH CTRL SW	HL		25 / 210	
Date of modification	Modified by	Description	Project rev.	G		Boat model	START STB - DIAGRAM	Loc			



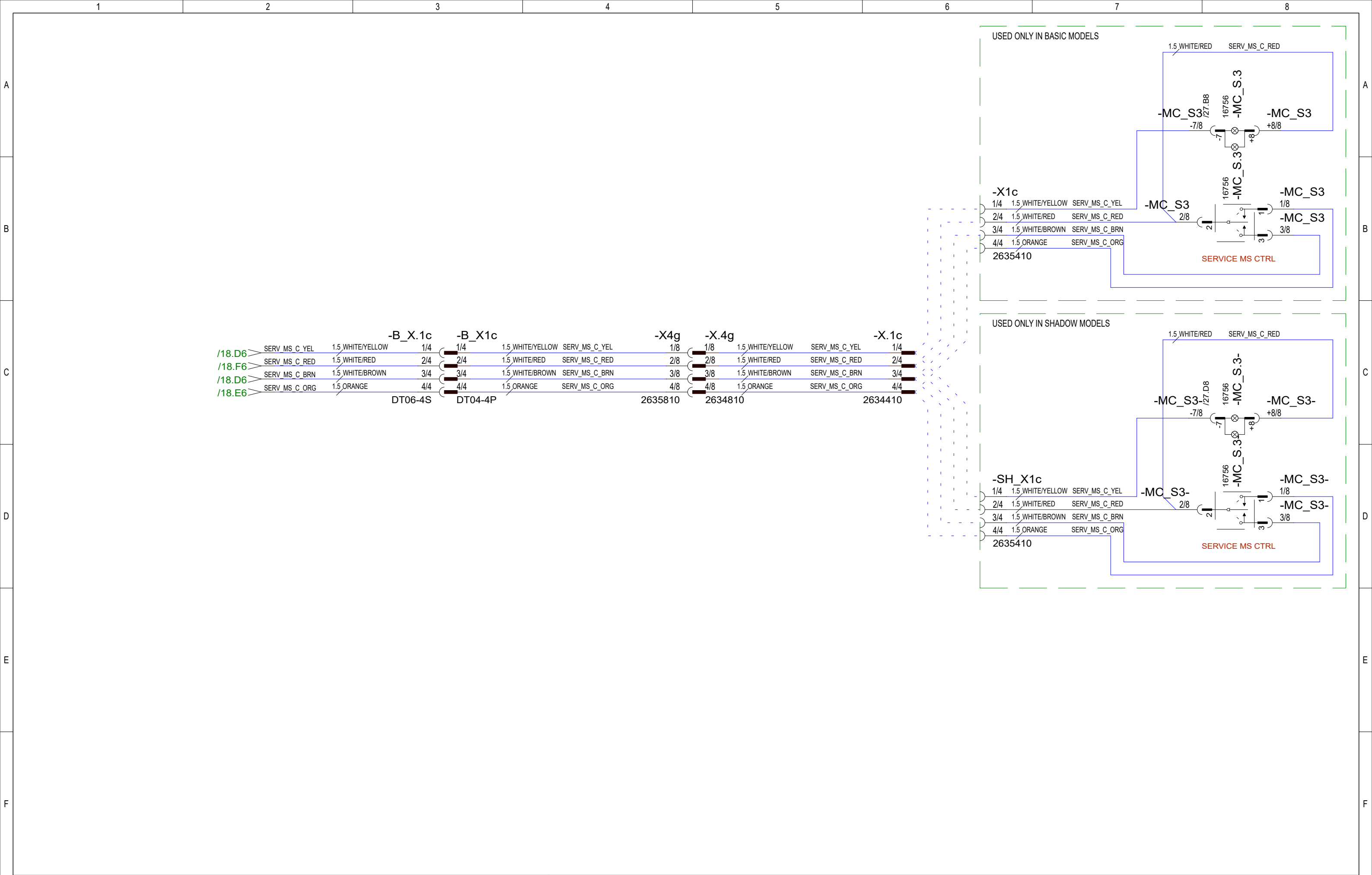
Copyright by



10.10.2023	PF	F22: 2004916; Not modified	Date	16.4.2020	NAVIX designed solutions Copyright by	Axopar	Sub-product code	Product code		Project ID		
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat						
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	MAIN SWITCH CTRL SW START PORT - DIAGRAM		HL		26 / 210	
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title		Loc			



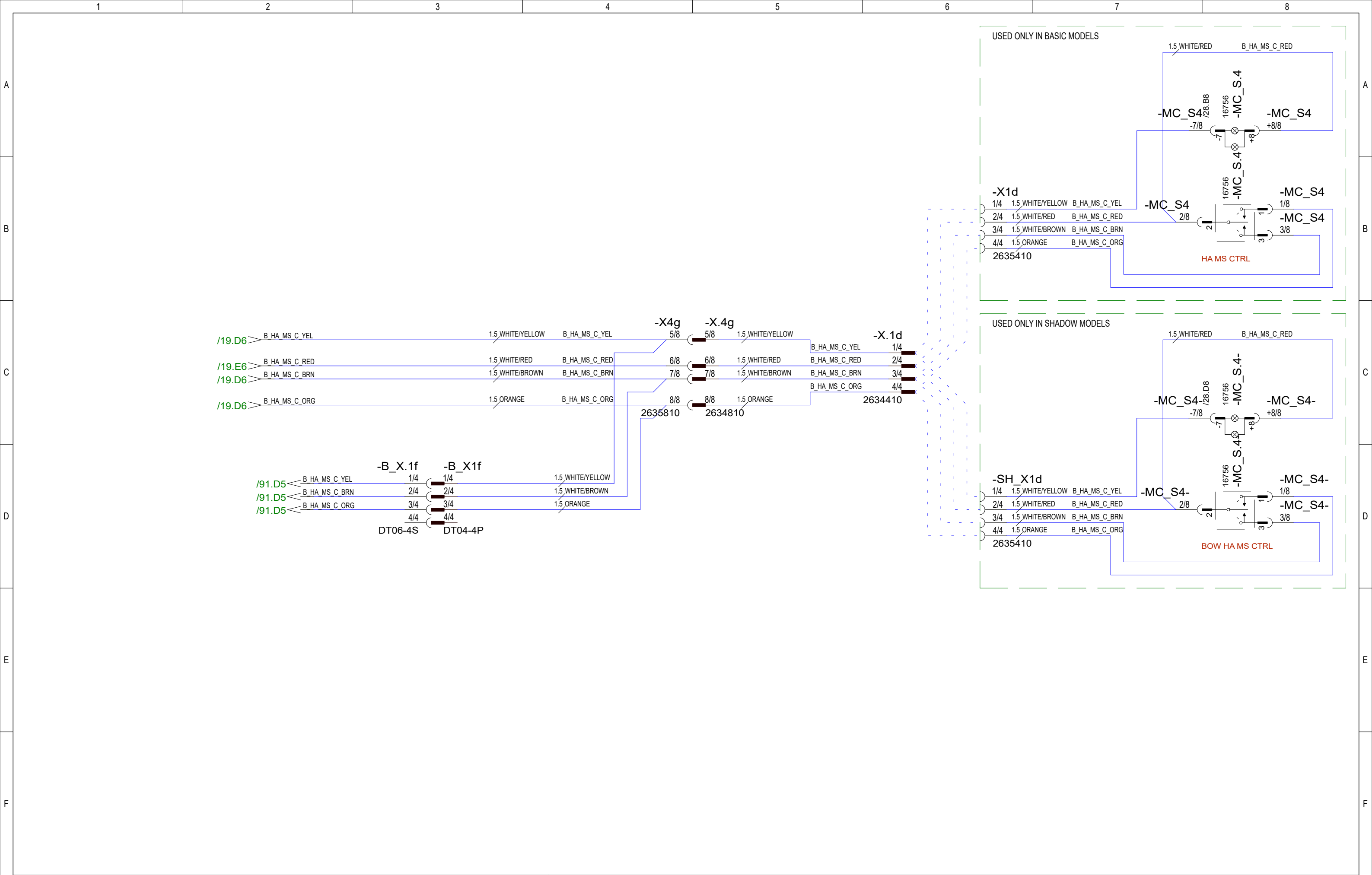
Copyright by



10.10.2023	PF	F22: 2004916; Not modified	Date	14.5.2019	NAVIX designed solutions Copyright by	Axopar				27 / 210
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat				
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	MAIN SWITCH CTRL SW	HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	SERVICE - DIAGRAM	Loc		

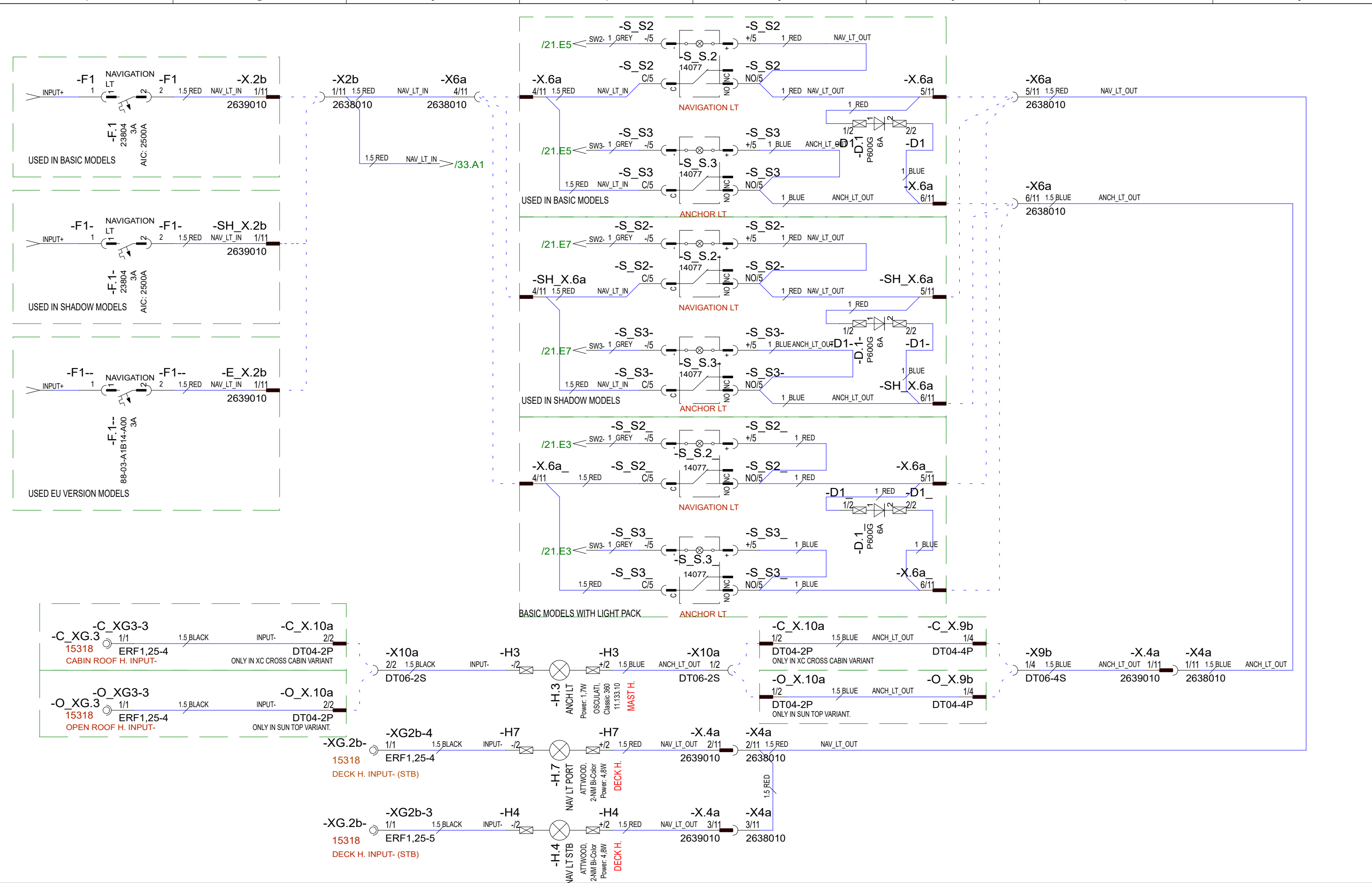


Copyright by

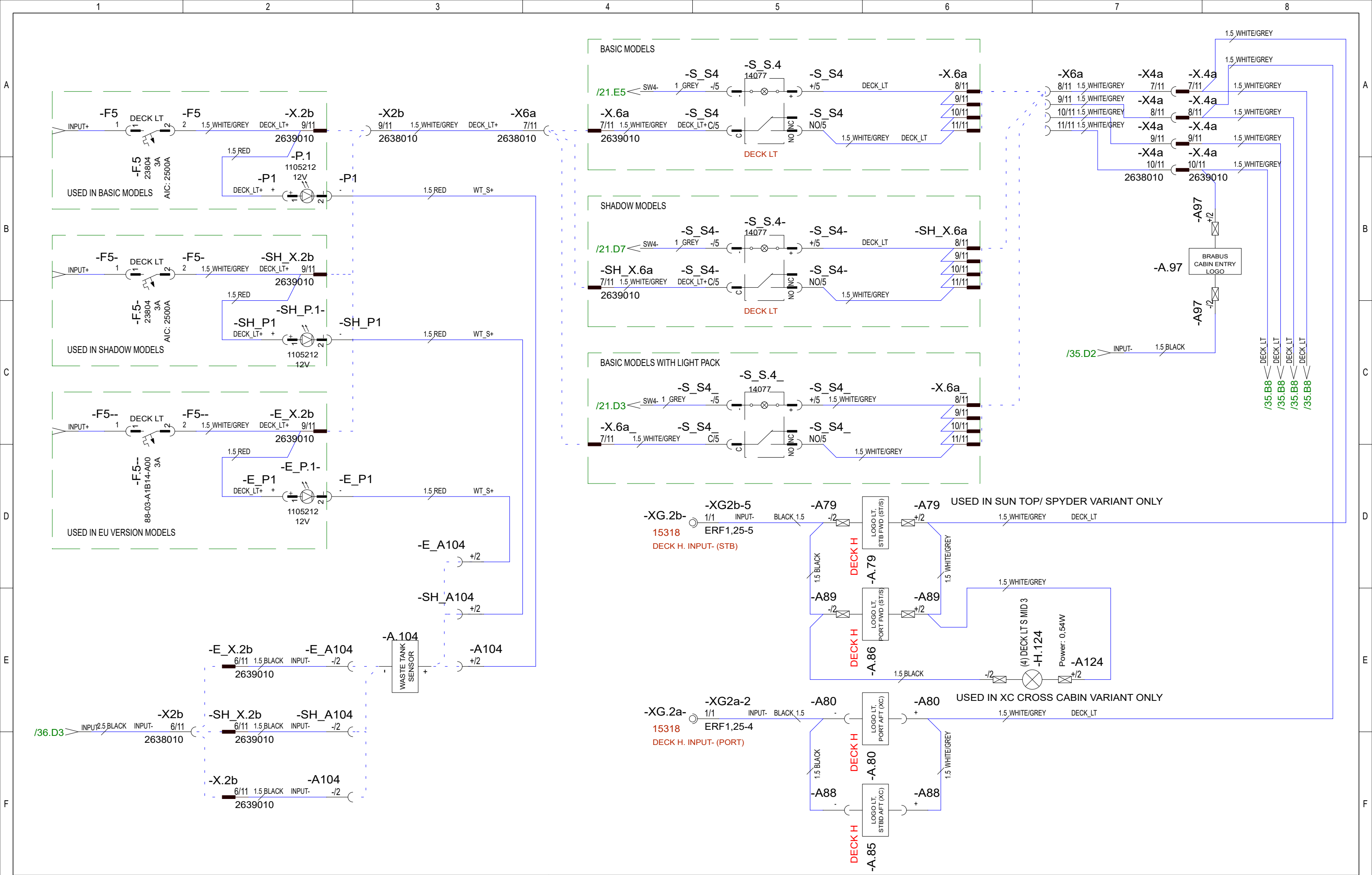


10.10.2023	PF	F22: 2004916; Not modified	Date	16.4.2020	Axopar					
20.2.2024	PF	G23; 2005054; Control to stern th ms added	Drawing by	TuM	Boat		Sub-product code		Product code	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	37 MY20		MAIN SWITCH CTRL SW		Project ID	
Date of modification	Modified by	Description	Project rev.	G	Boat model		BOW H AUX - DIAGRAM		28 / 210	
1		2		4		6		7		8



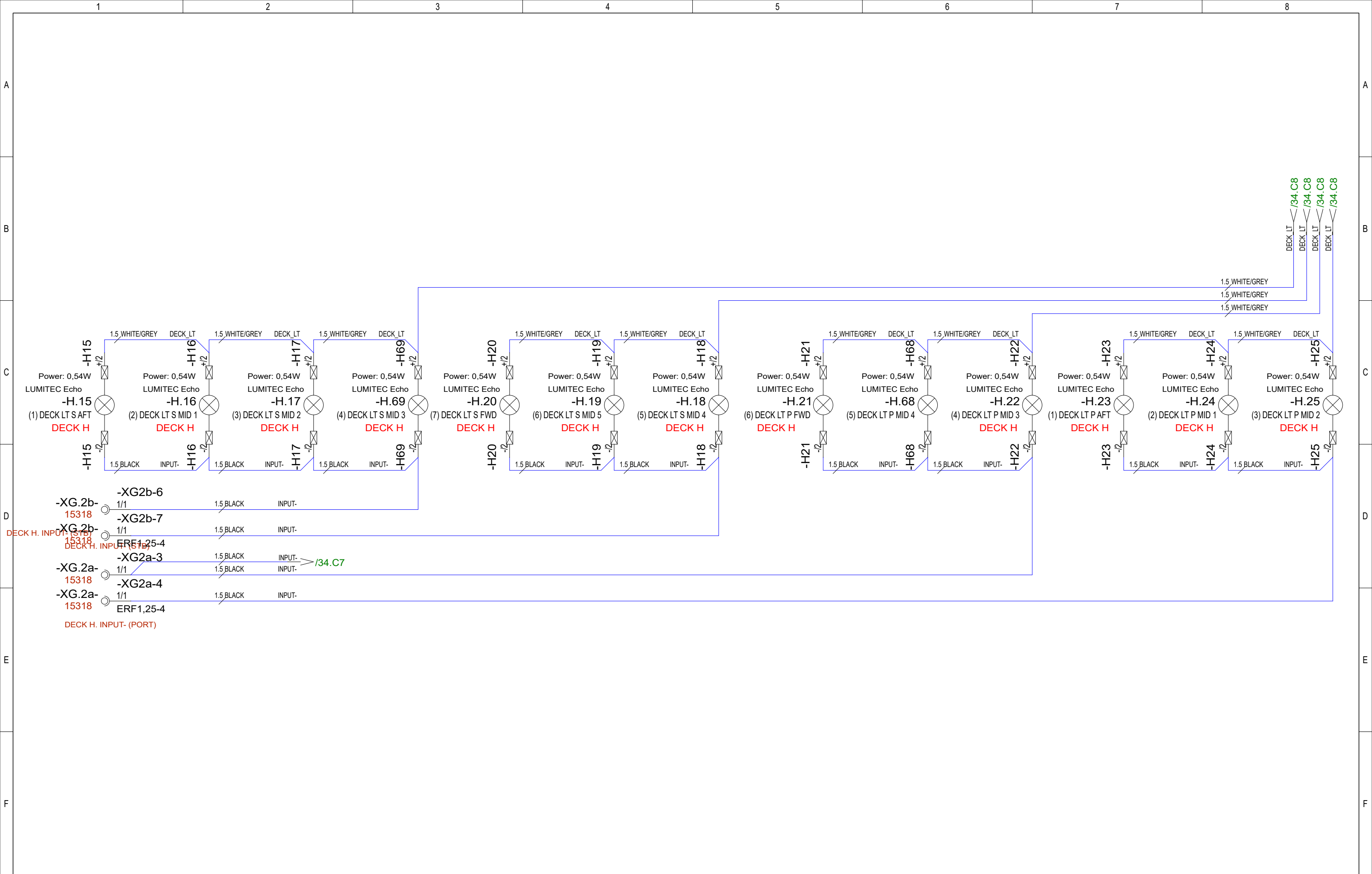


10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	Axopar					
20.2.2024	PF	G23; 2005054; Light pack version added	Drawing by	TuM	Boat		Sub-product code		Product code	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	37 MY20		NAVIGATION LIGHTS		HL	
Date of modification	Modified by	Description	Project rev.	G	Boat model		- DIAGRAM		Loc	
1	2	3	4	5	6	7	8	9	10	32 / 210
										Sheet

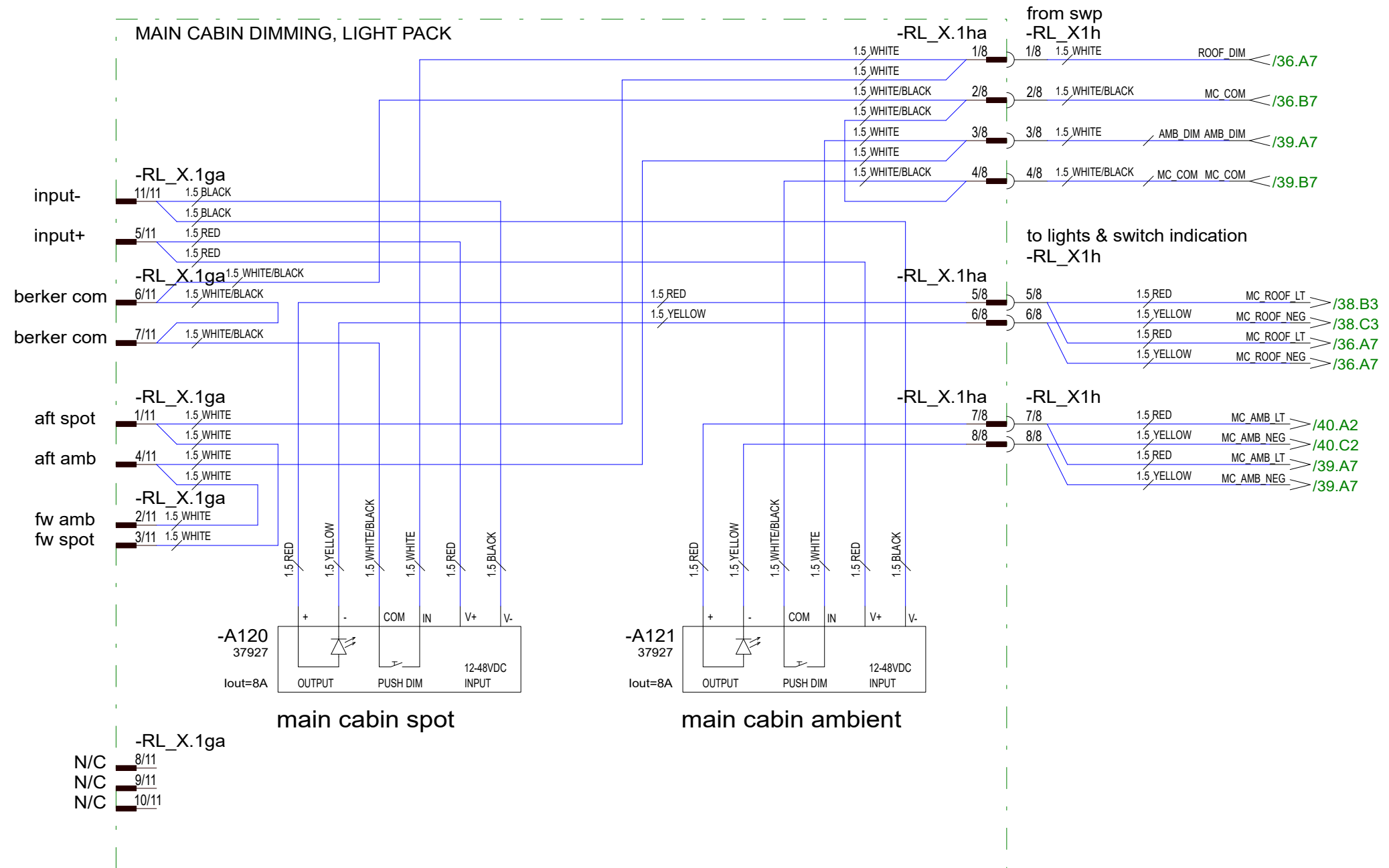


10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	Axopar					
20.2.2024	PF	G23; 2005054; Logo lts moved to deck lts	Drawing by	TuM	Boat	37 MY20	Sub-product code	Product code	Project ID	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24			DECK LIGHT, LOGO LIGHT - DIAGRAM		HL	34 / 210
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc	

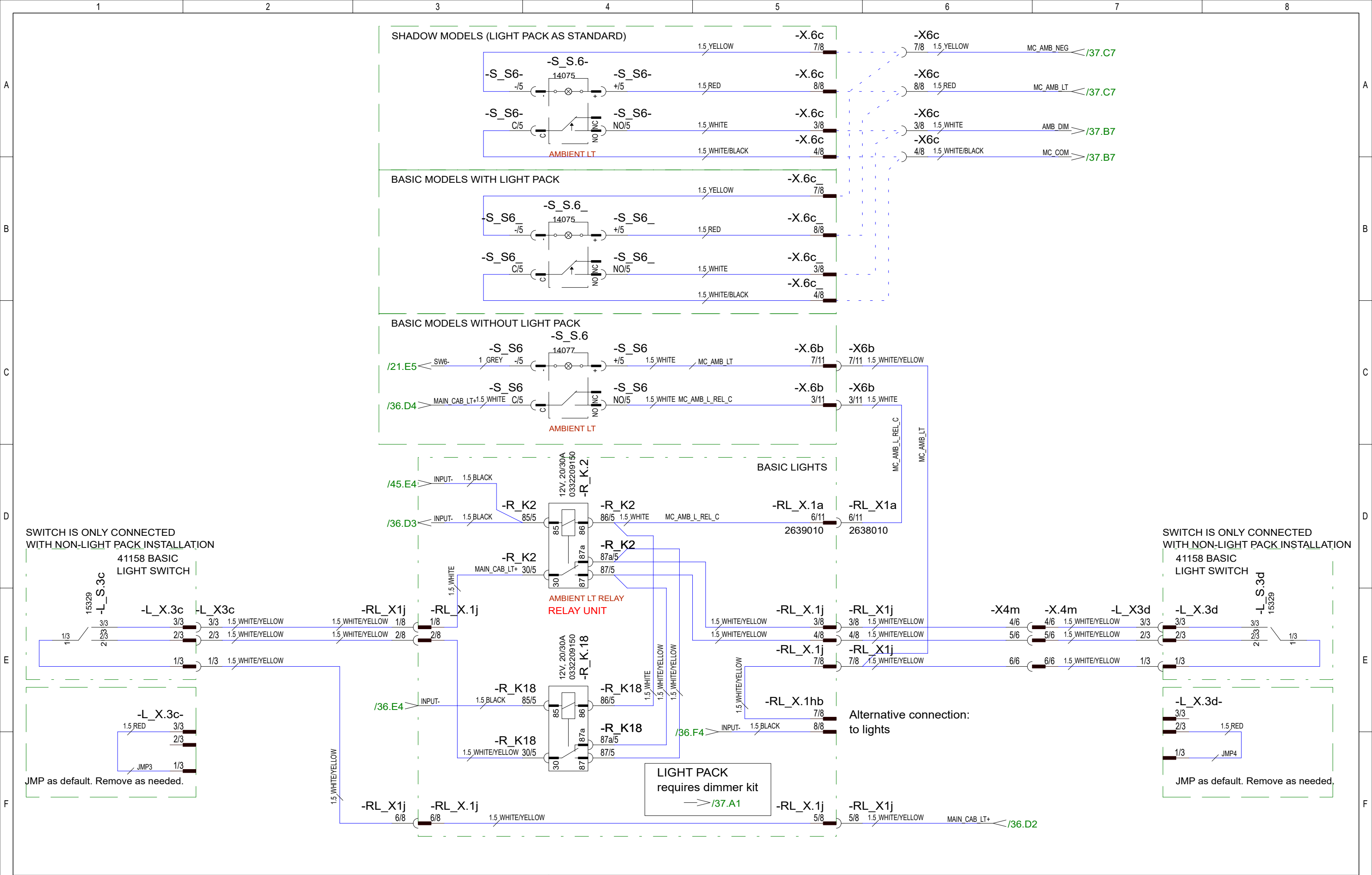




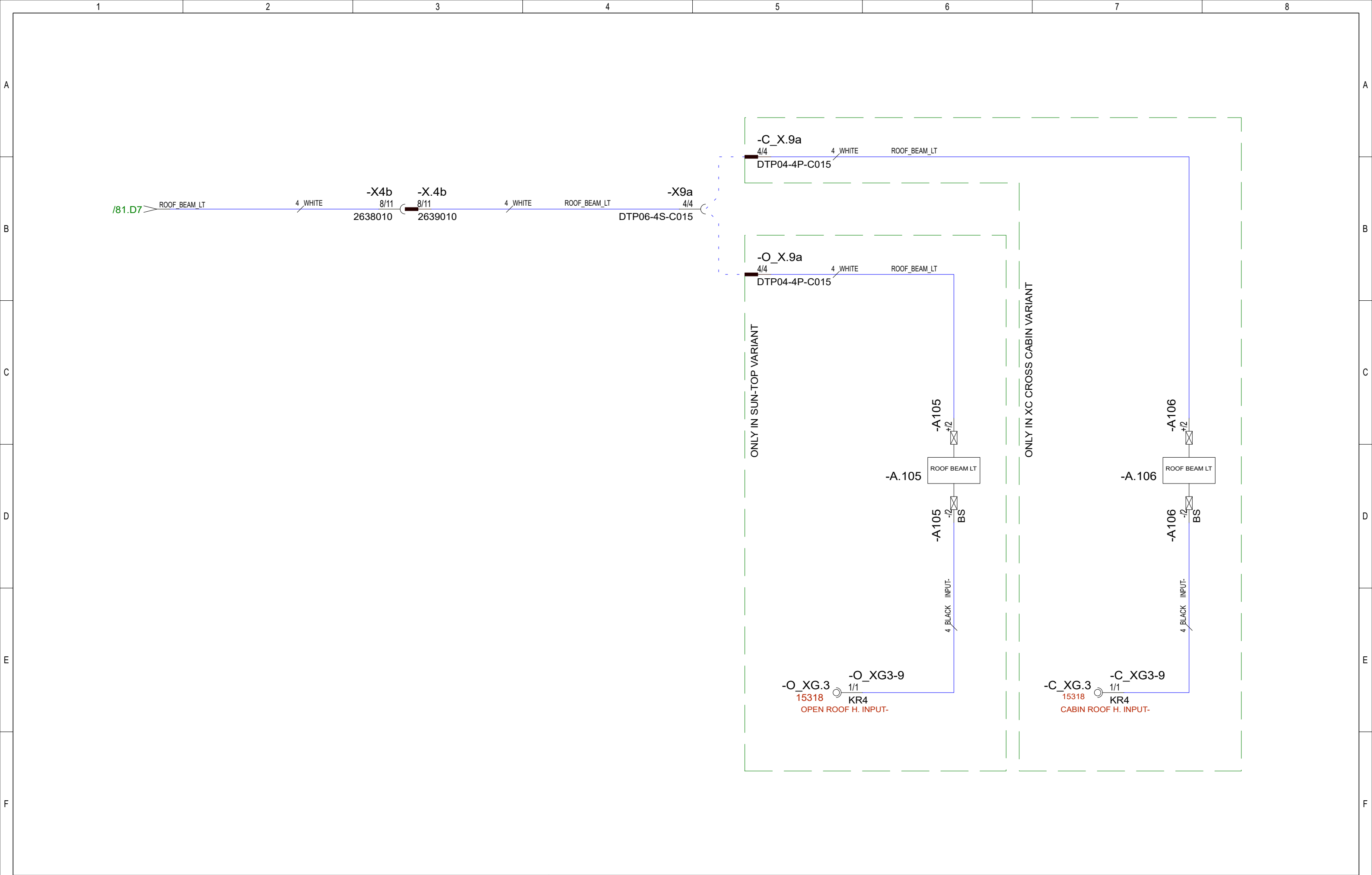
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	Axopar					
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM	Boat	37 MY20	Sub-product code	Product code	Project ID	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	Boat model		DECK LIGHT - DIAGRAM		HL	35 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by		Title		Loc	



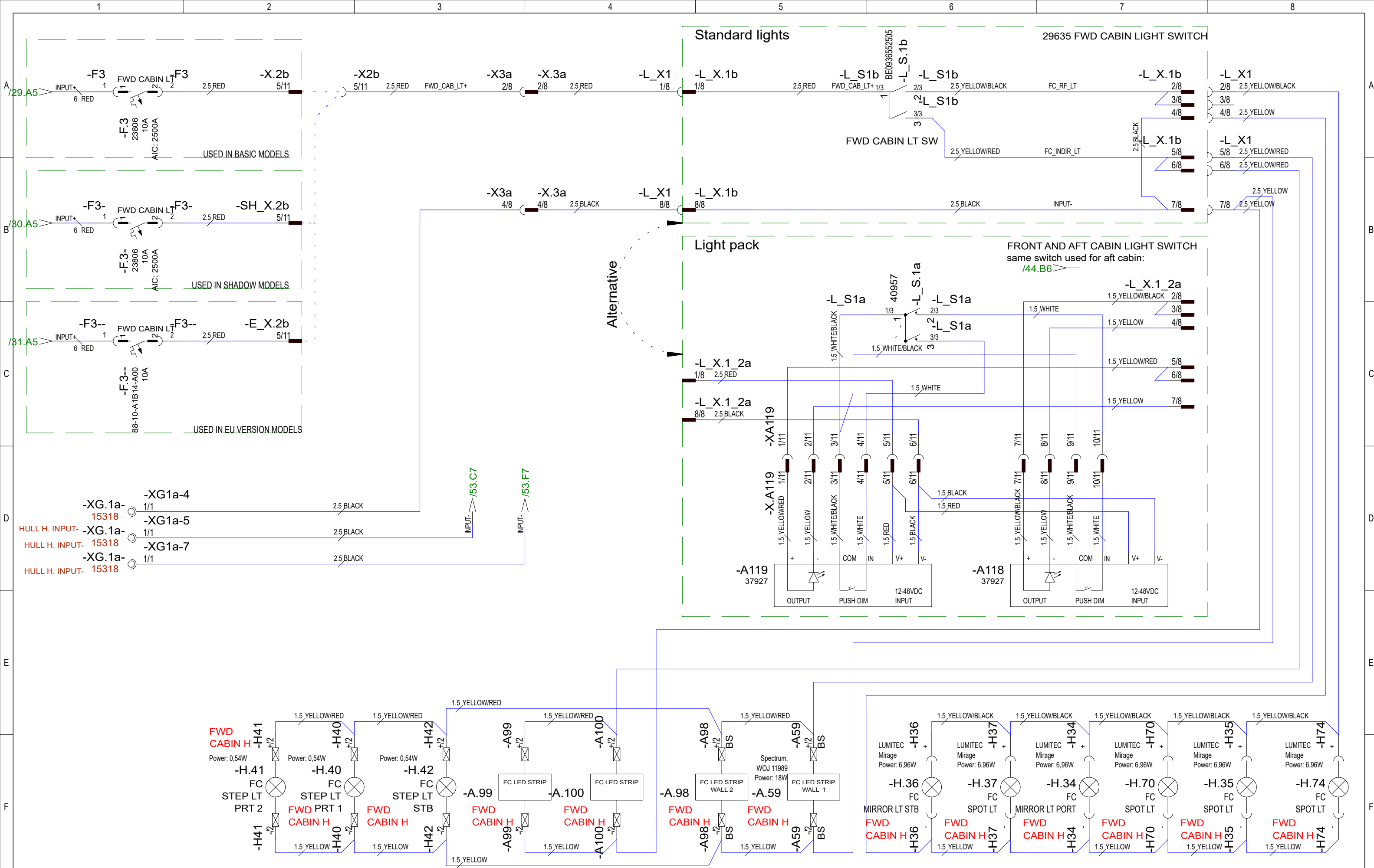
			Date	12.3.2024	NAVIX designed solutions Copyright by	Axopar			
20.2.2024	PF	G23; 2005054; New sheet	Drawing by	PF		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20 SHADOW	MAIN CABIN DIMMERS - DIAGRAM	HL	37 / 210 Sheet
Date of modification	Modified by	Description	Project rev.	G		Boat model		Title	
	1	2	3	4	5	6	7	8	



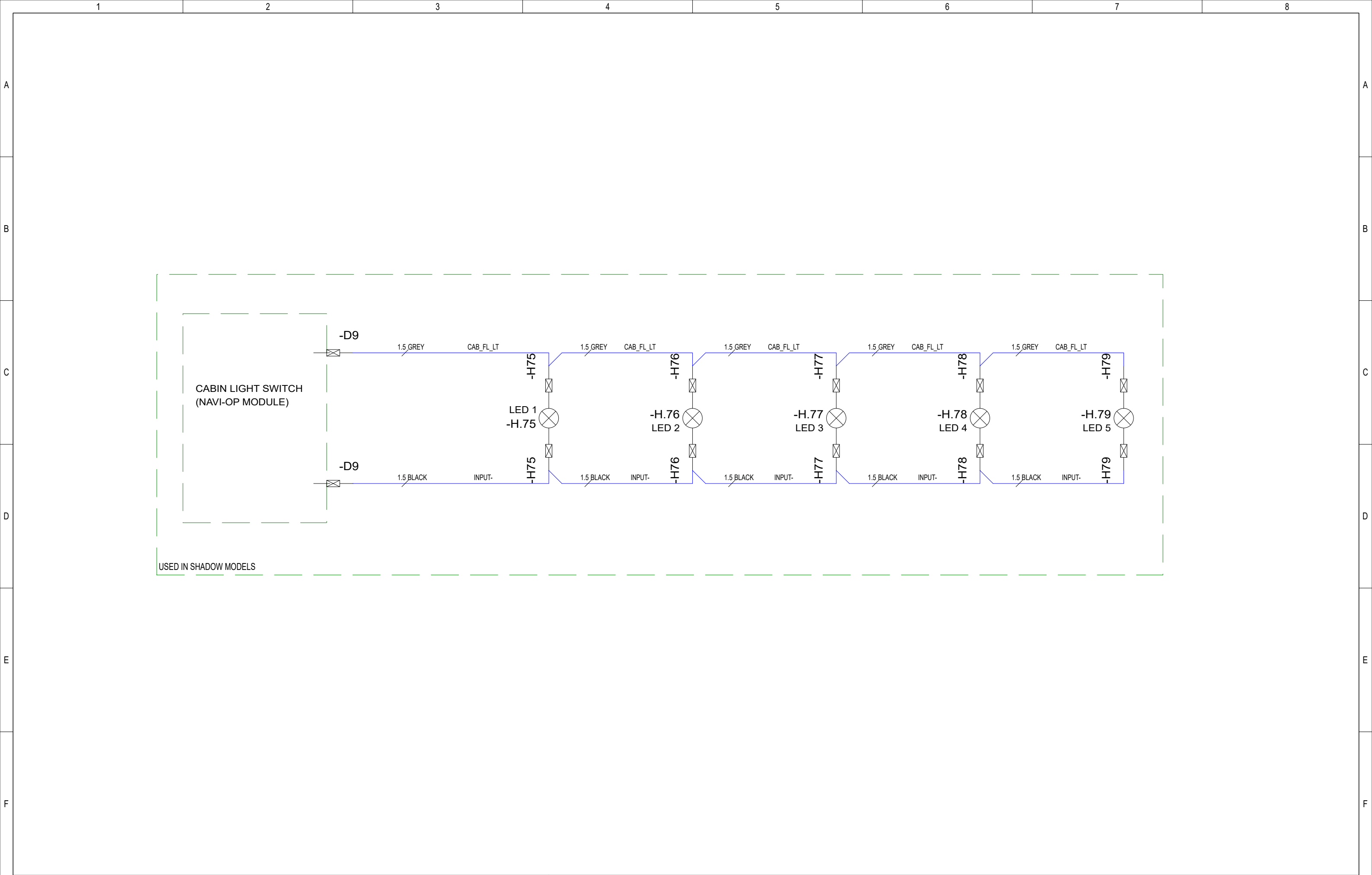
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	Axopar					
20.2.2024	PF	G23; 2005054; Added LX3 switches & R_K18, LP option built, S6->mom	Drawing by	TuM	Boat		Sub-product code		Product code	
18.6.2024	PF	G24: 2005139; Added jump connectors	Sheet rev.	24	37 MY20		MAIN CABIN LIGHT, AMBIENT - DIAGRAM		HL	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc	
1	2	3	4	5	6	7	8	39 / 210		Sheet



10.10.2023	PF	F22: 2004916; Not modified	Date	30.03.2021	NAVIX designed solutions		Axopar					
20.2.2024	PF	G23: 2005054; Not modified	Drawing by	TT			Boat		Sub-product code	Product code	Project ID	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	Copyright by		37 MY20		ROOF BEAM LIGHT - DIAGRAM		HL	41/ 210
Date of modification	Modified by	Description	Project rev.	G			Boat model				Loc	
1		2		3	4	5	6		7		8	



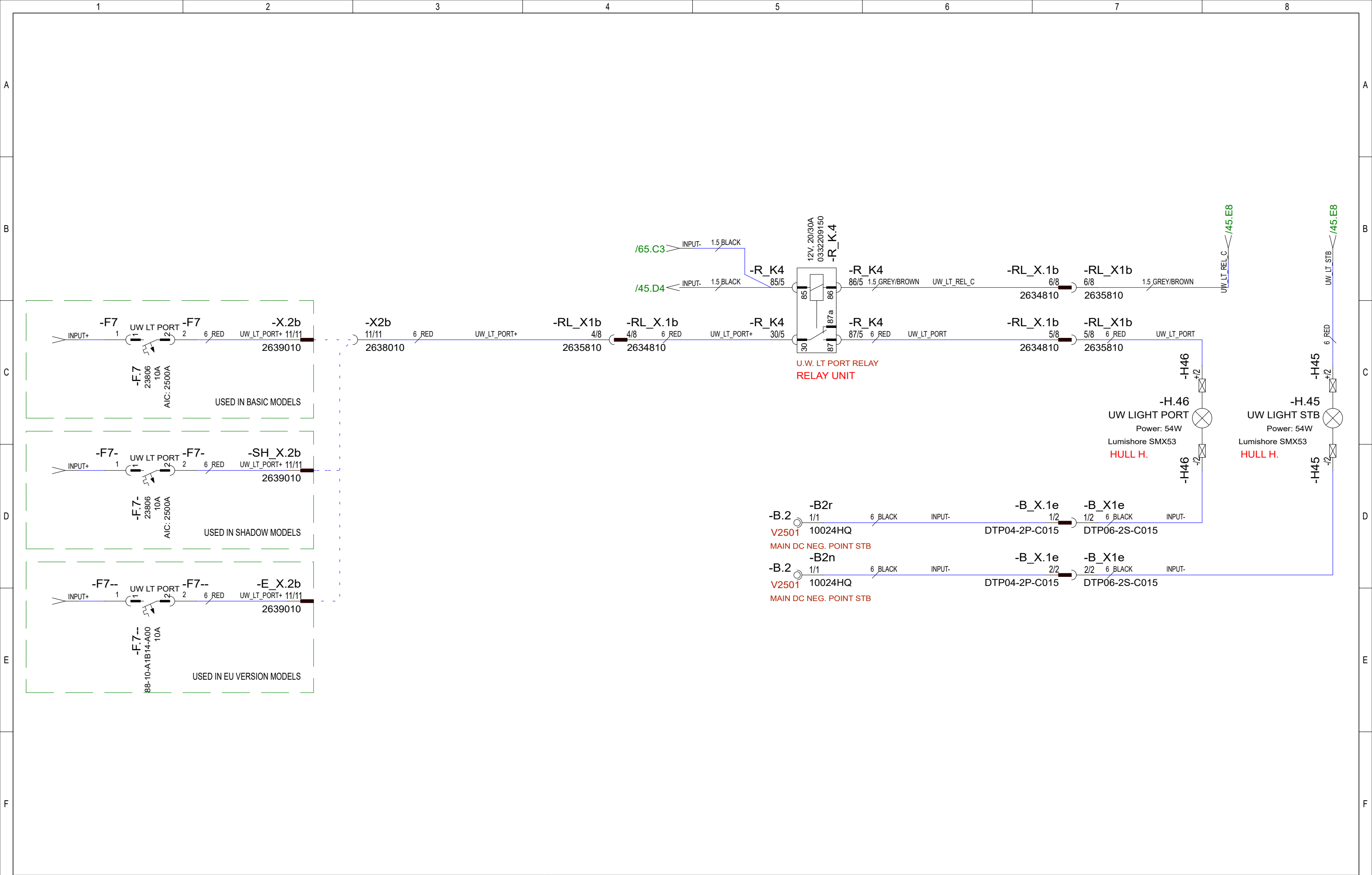
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions Copyright by	Axopar									
20.2.2024	PF	G23; 2005054; Std switch modif., LP option built, light return paths modif.	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID						
18.6.2024	PF	G24: 2005139; F3 15A->10A	Sheet rev.	24		37 MY20	FWD CABIN LIGHTS - DIAGRAM	HL	42 / 210						
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc							
1		2		3		4		5		6		7		8	



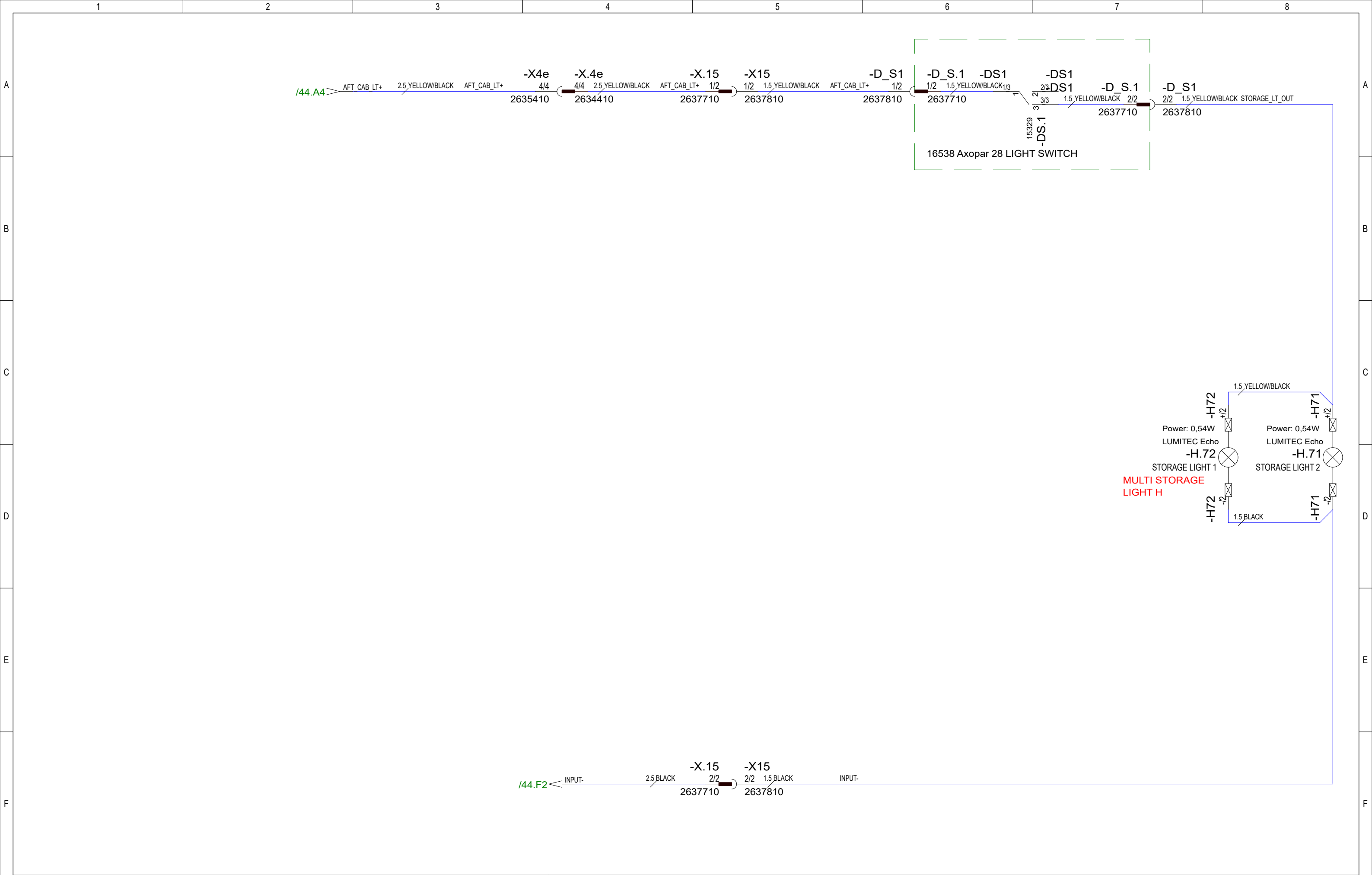
10.10.2023	PF	F22: 2004916; Not modified	Date	6.11.2020	NAVIX designed solutions Copyright by	Axopar				43 / 210
20.2.2024	PF	G23: 2005054; Not modified	Drawing by	TuM		Boat				
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	FWD CABIN FLOOR LIGHTS - DIAGRAM	HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc		



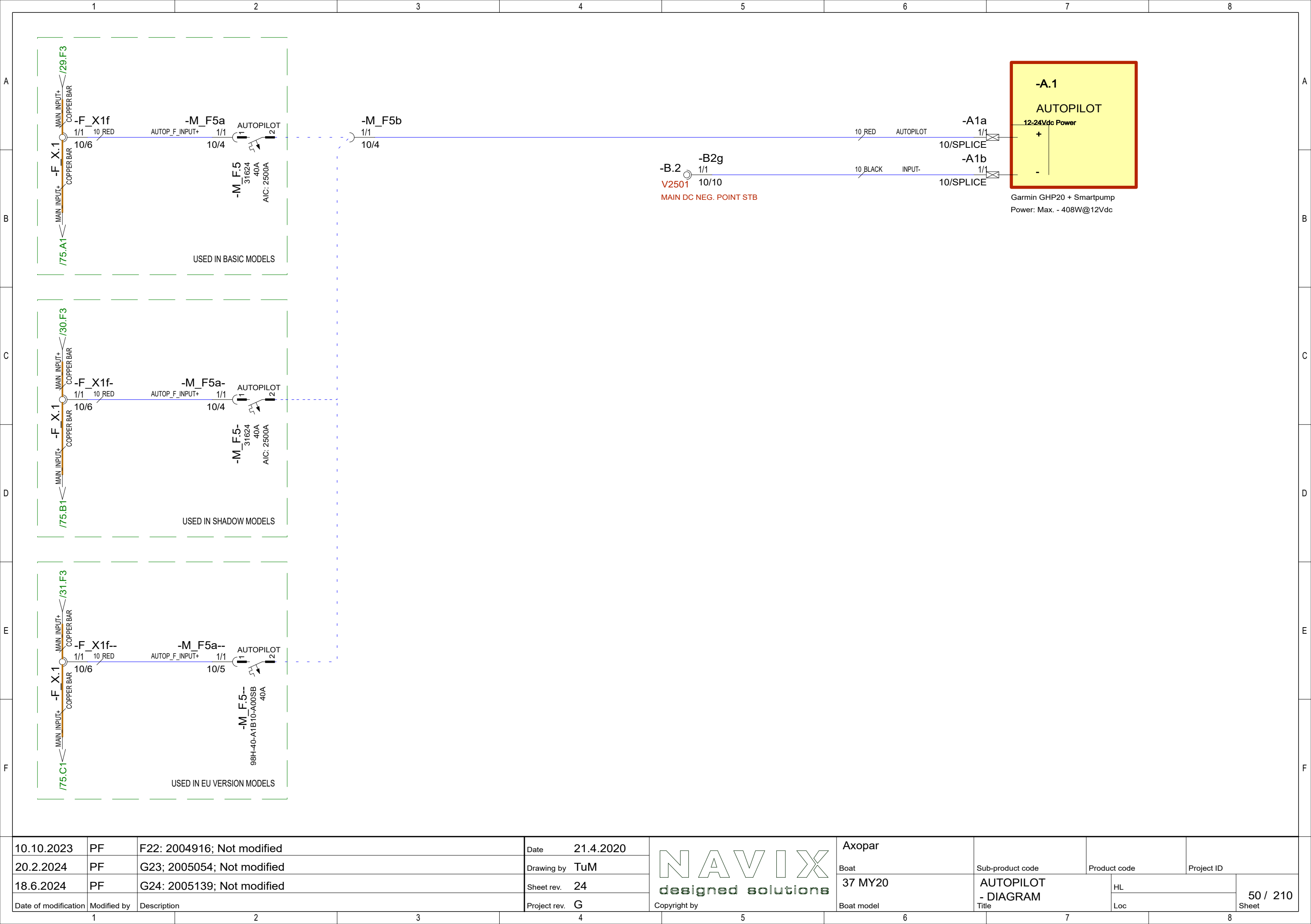
Copyright by



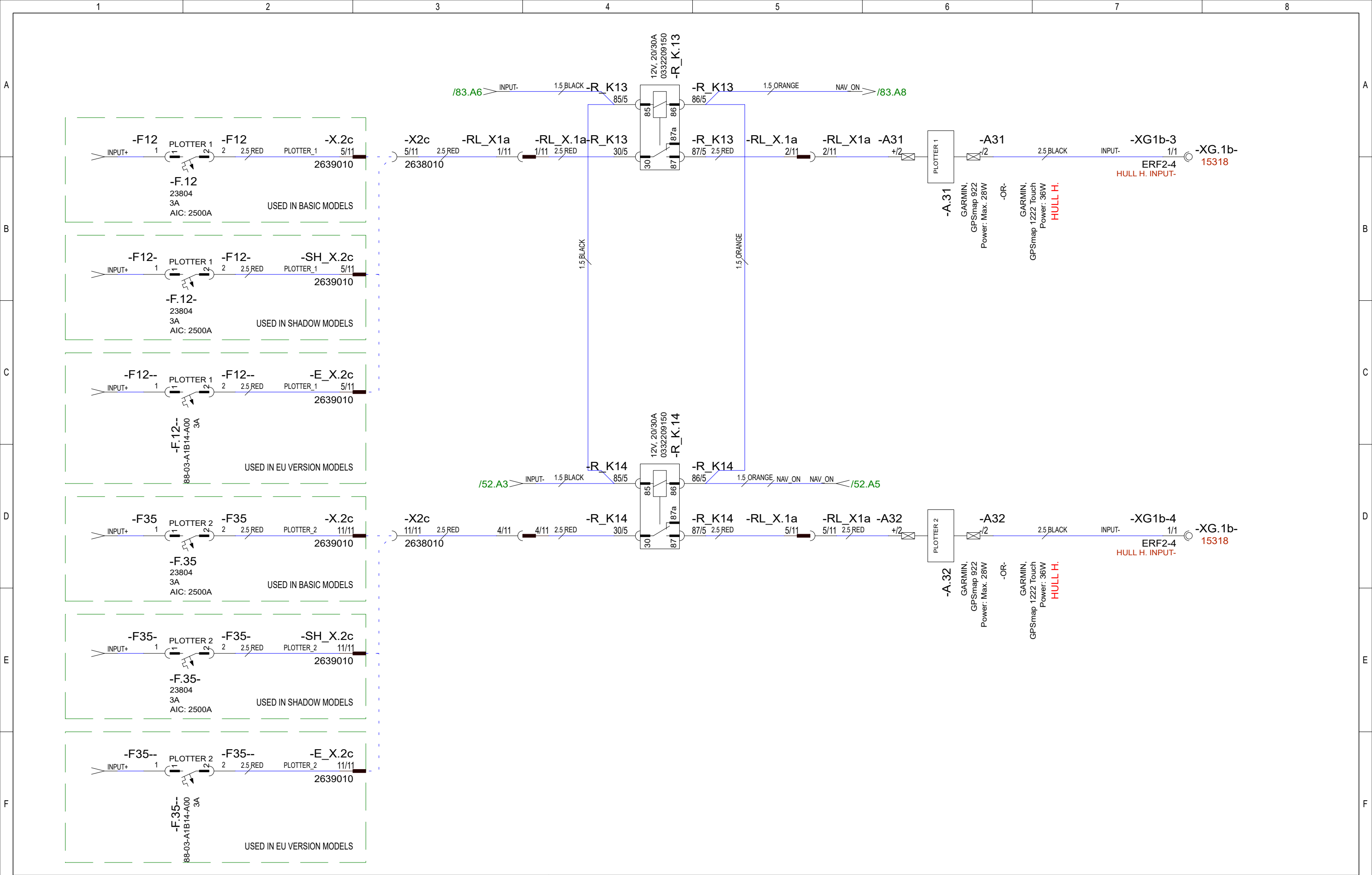
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions Copyright by	Axopar						
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code		Product code		Project ID	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	UNDER WATER LT - DIAGRAM		HL		46 / 210	
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title		Loc			



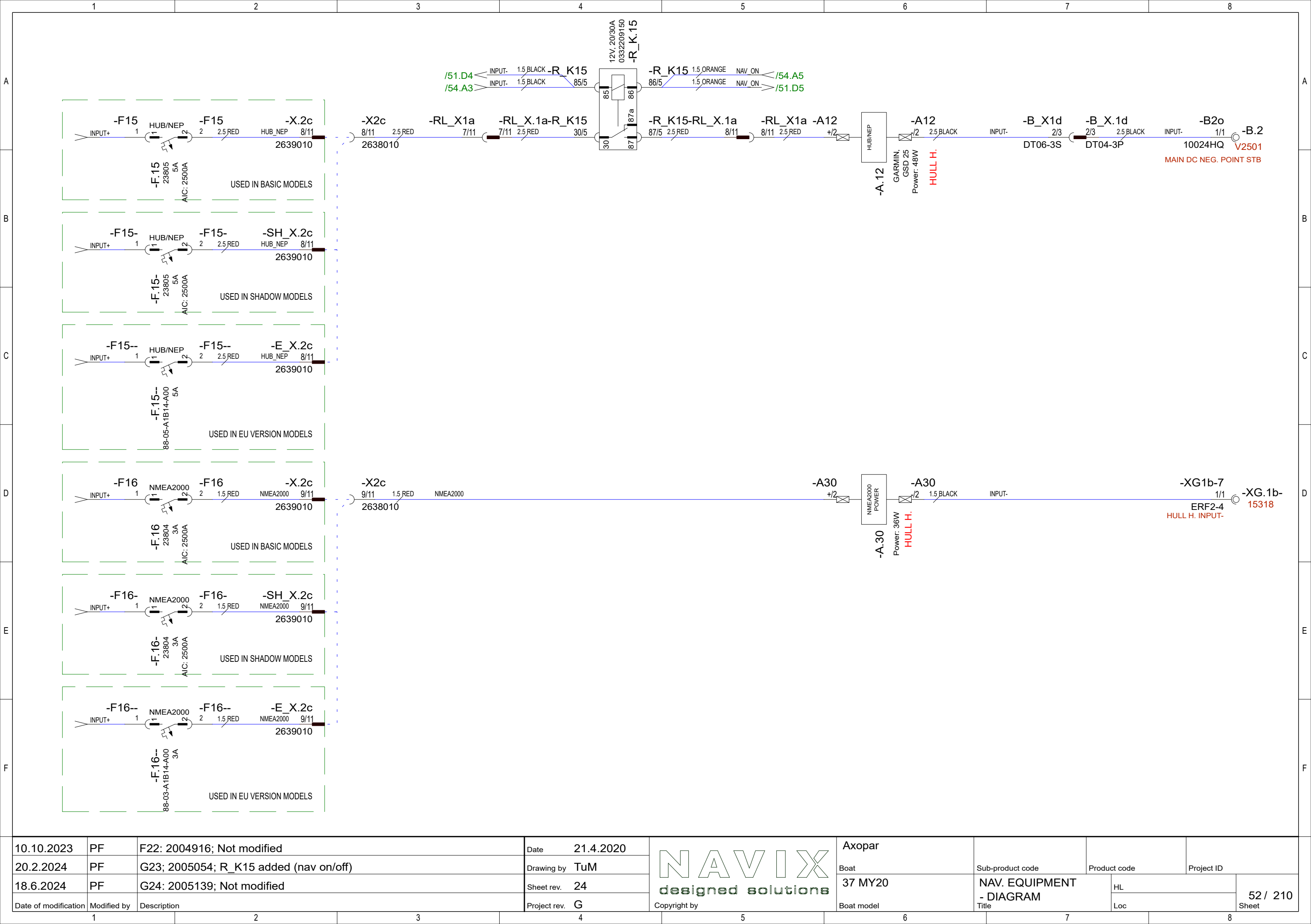
10.10.2023	PF	F22: 2004916; Not modified	Date	6.4.2020	 Copyright by	Axopar	Sub-product code	Product code	Project ID						
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat									
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	MULTISTORAGE LIGHT - DIAGRAM	HL	48 / 210						
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc		Sheet					
1		2		3		4		5		6		7		8	



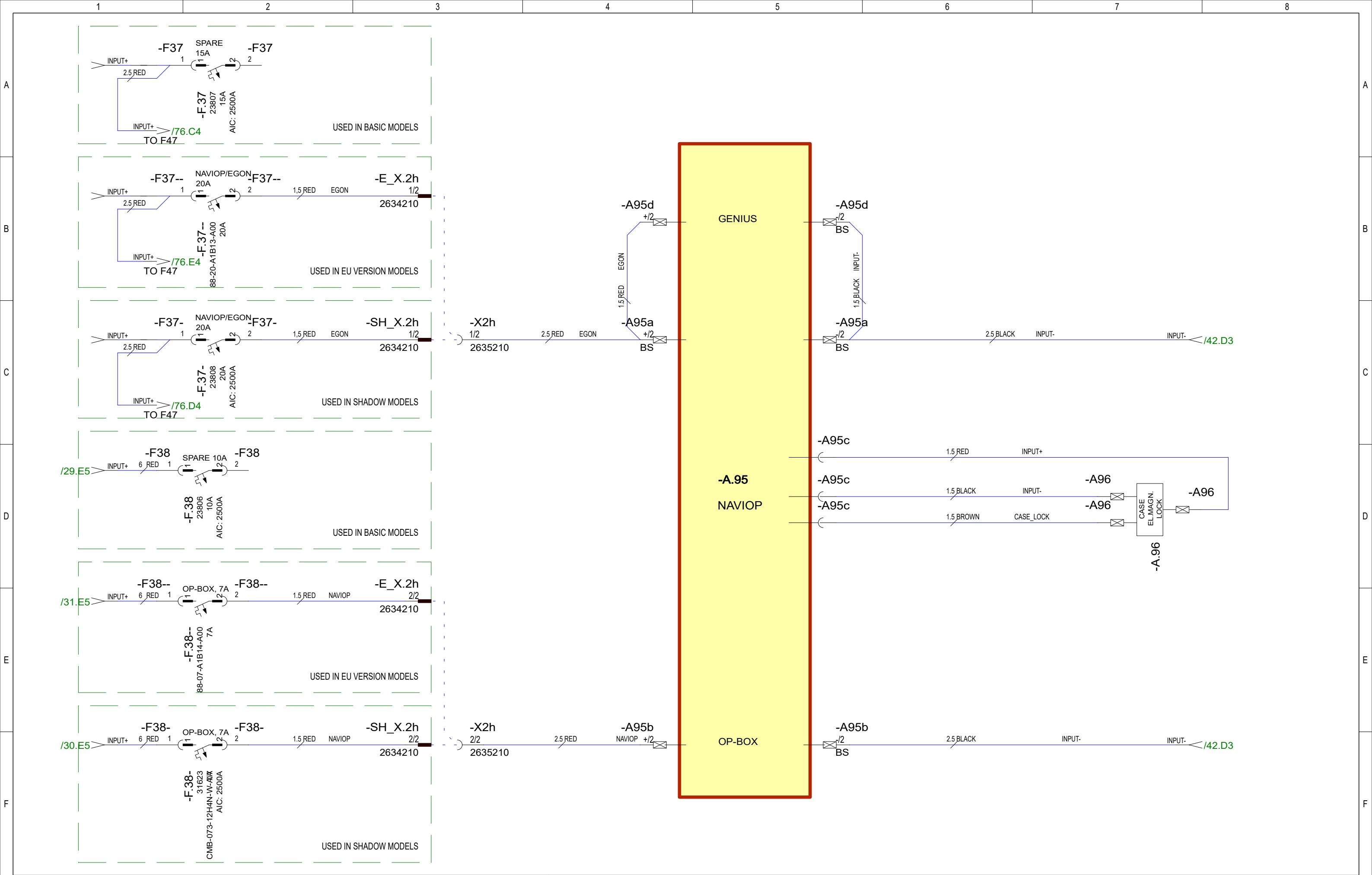
10.10.2023	PF	F22: 2004916; Not modified	Date	21.4.2020	NAVIX designed solutions Copyright by	Axopar				50 / 210
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat				
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	AUTOPILOT - DIAGRAM	HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc		



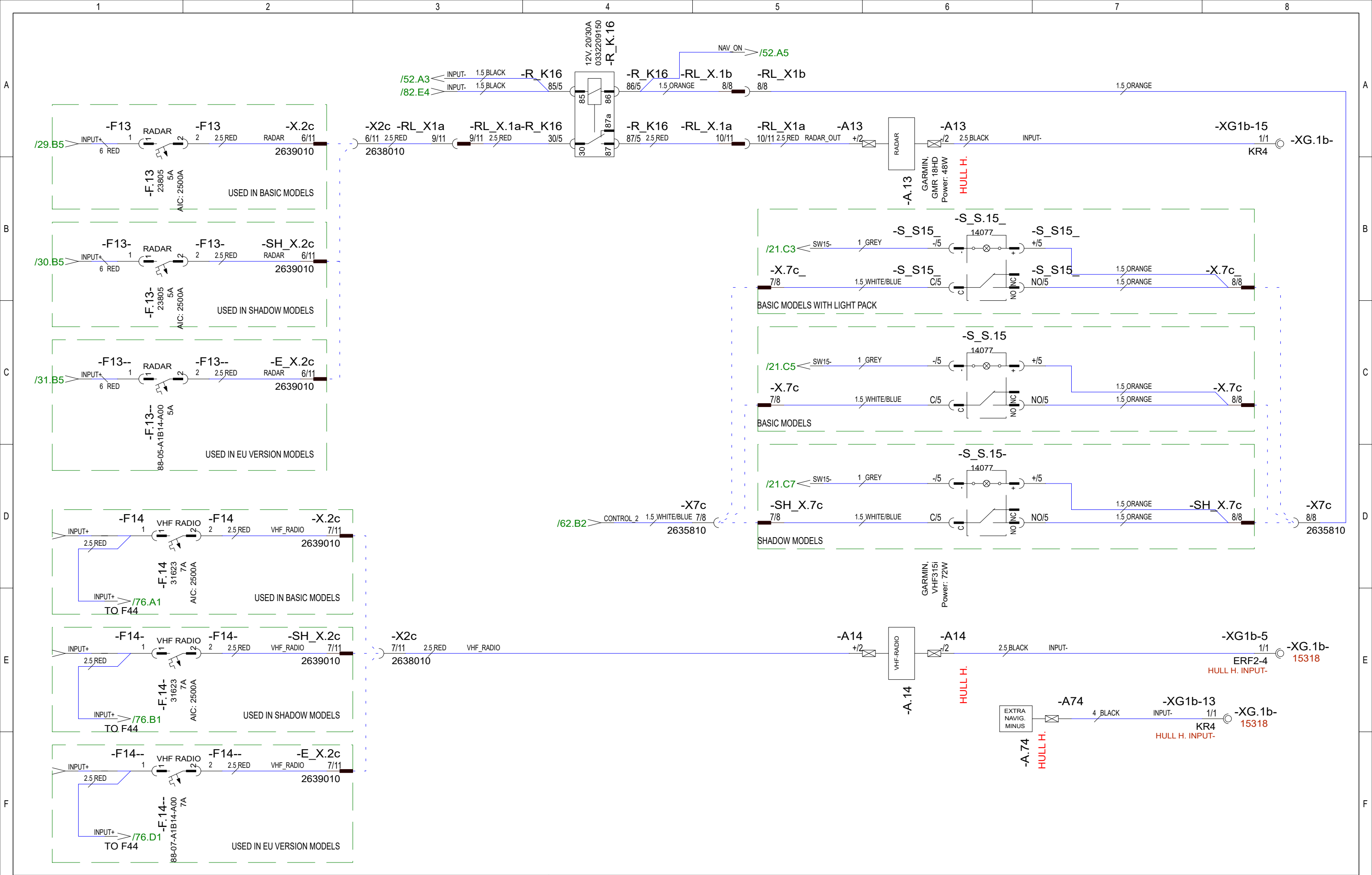
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions		Axopar					
20.2.2024	PF	G23; 2005054; R_K13 & R_K14 added (nav on/off)	Drawing by	TuM			Boat		Sub-product code	Product code	Project ID	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	Copyright by		37 MY20	NAV. EQUIPMENT - DIAGRAM		HL	51/ 210	
Date of modification	Modified by	Description	Project rev.	G			Boat model	Title		Loc	Sheet	



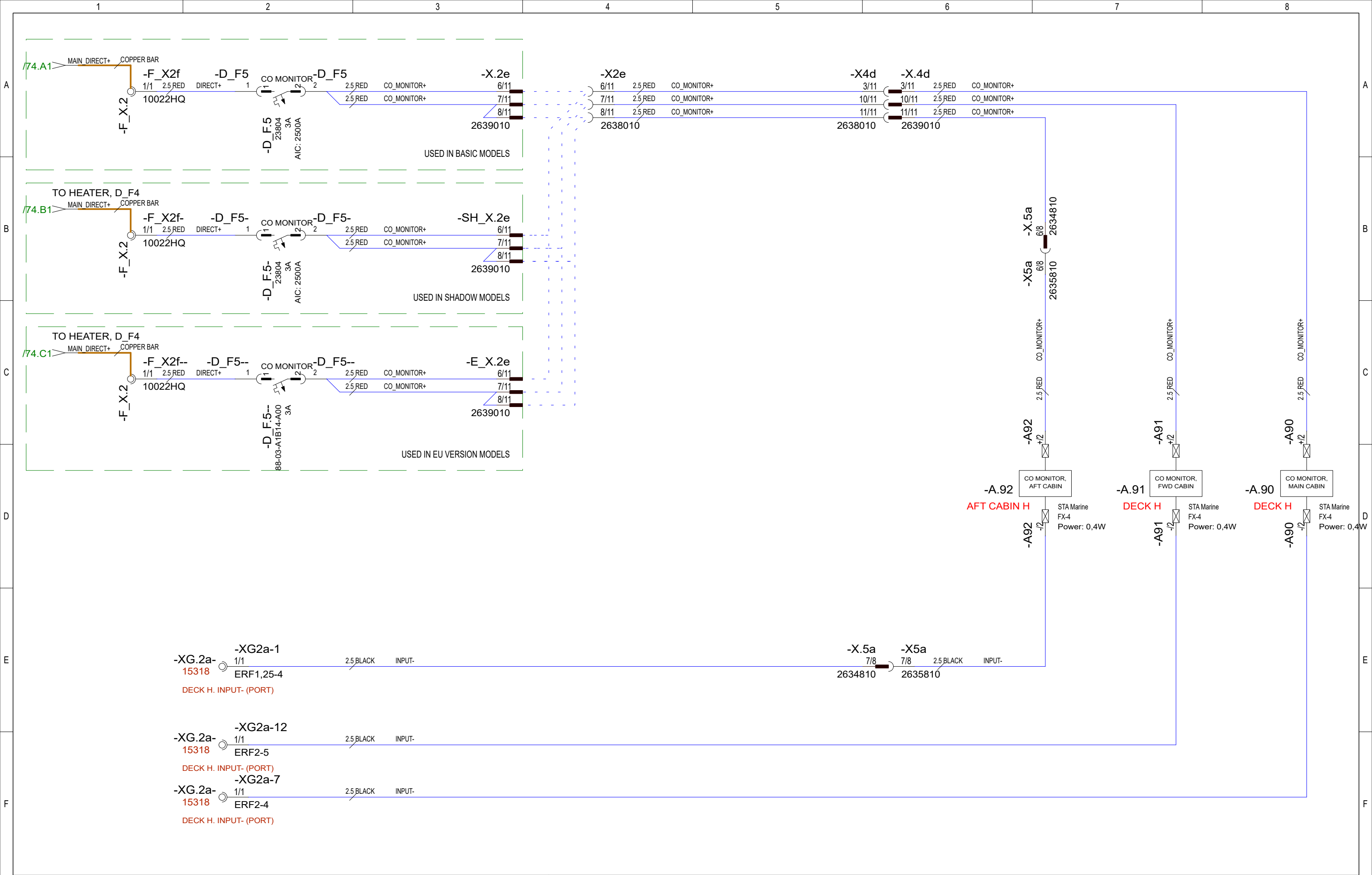
10.10.2023	PF	F22: 2004916; Not modified	Date	21.4.2020	Axopar					
20.2.2024	PF	G23: 2005054; R_K15 added (nav on/off)	Drawing by	TuM	Boat		Sub-product code		Product code	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	37 MY20		NAV. EQUIPMENT		HL	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc	
1		2		4		6		7		8
					Copyright by		NAVIX		designed solutions	
									52 / 210	
									Sheet	



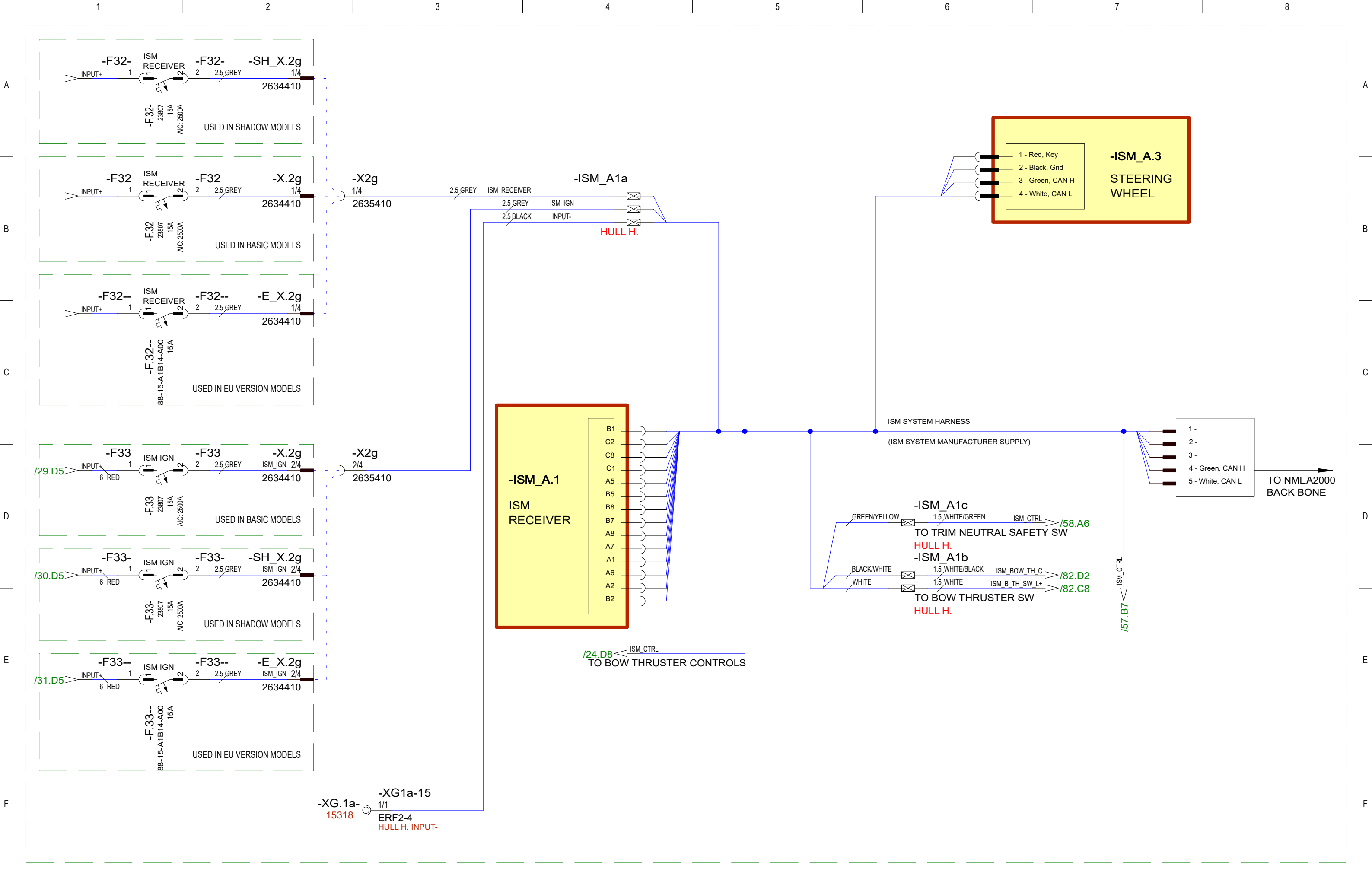
10.10.2023	PF	F22: 2004916; Not modified	Date	23.10.2020	Axopar					
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM	Boat		Sub-product code		Product code	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	37 MY20		NAV. EQUIPMENT		HL	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc	
1	2	3	4	5	6	7	8	53 / 210		Sheet



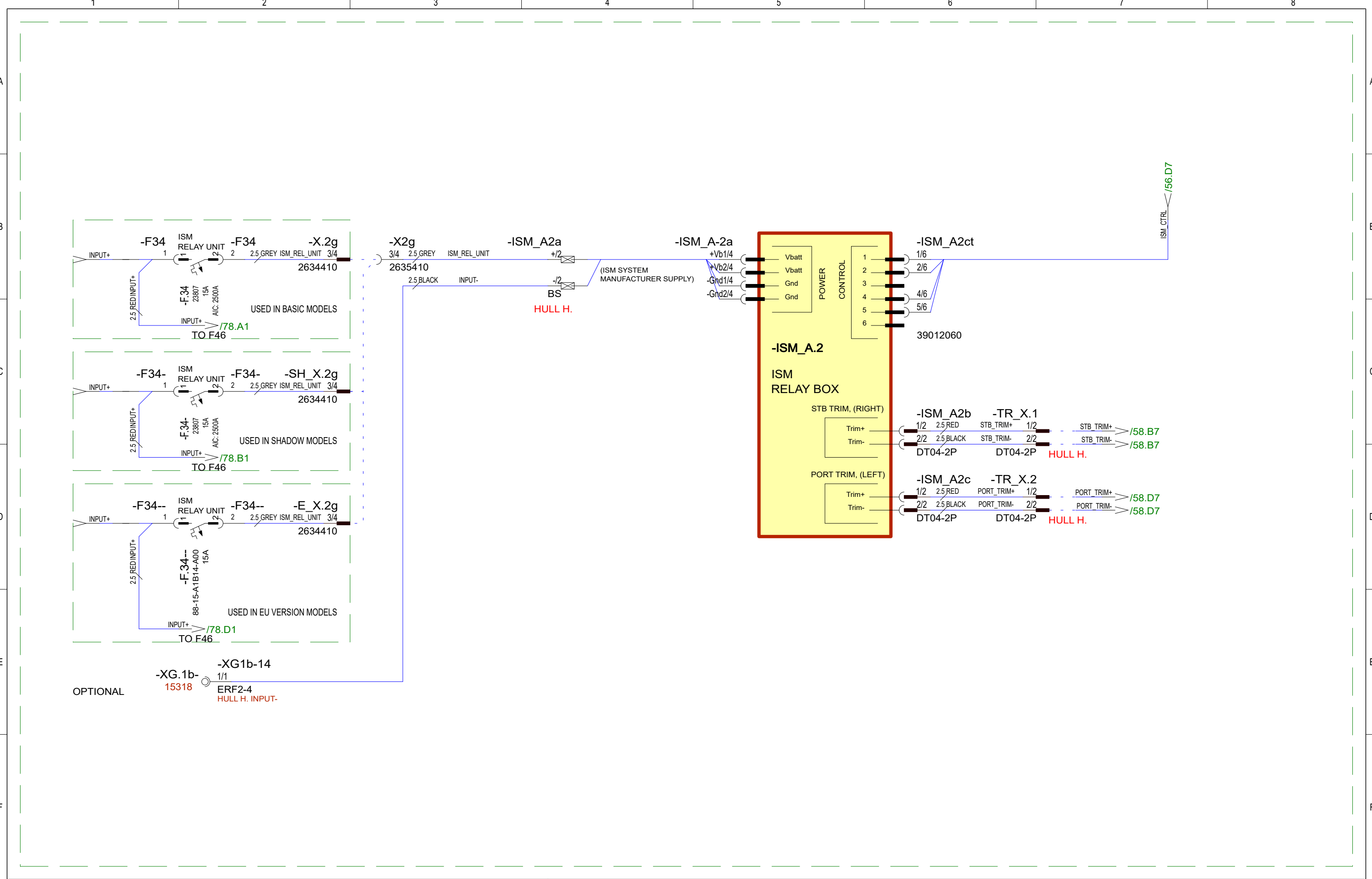
10.10.2023	PF	F22: 2004916; Not modified	Date	23.10.2020	Axopar					
20.2.2024	PF	G23; 2005054; R_K16 and S15 added (nav on/off)	Drawing by	TuM	Boat		Sub-product code		Product code	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	37 MY20		NAV. EQUIPMENT		HL	
Date of modification	Modified by	Description	Project rev.	G	Boat model		- DIAGRAM		Loc	
1	2	3	4	5	6	7	8	54 / 210		Sheet



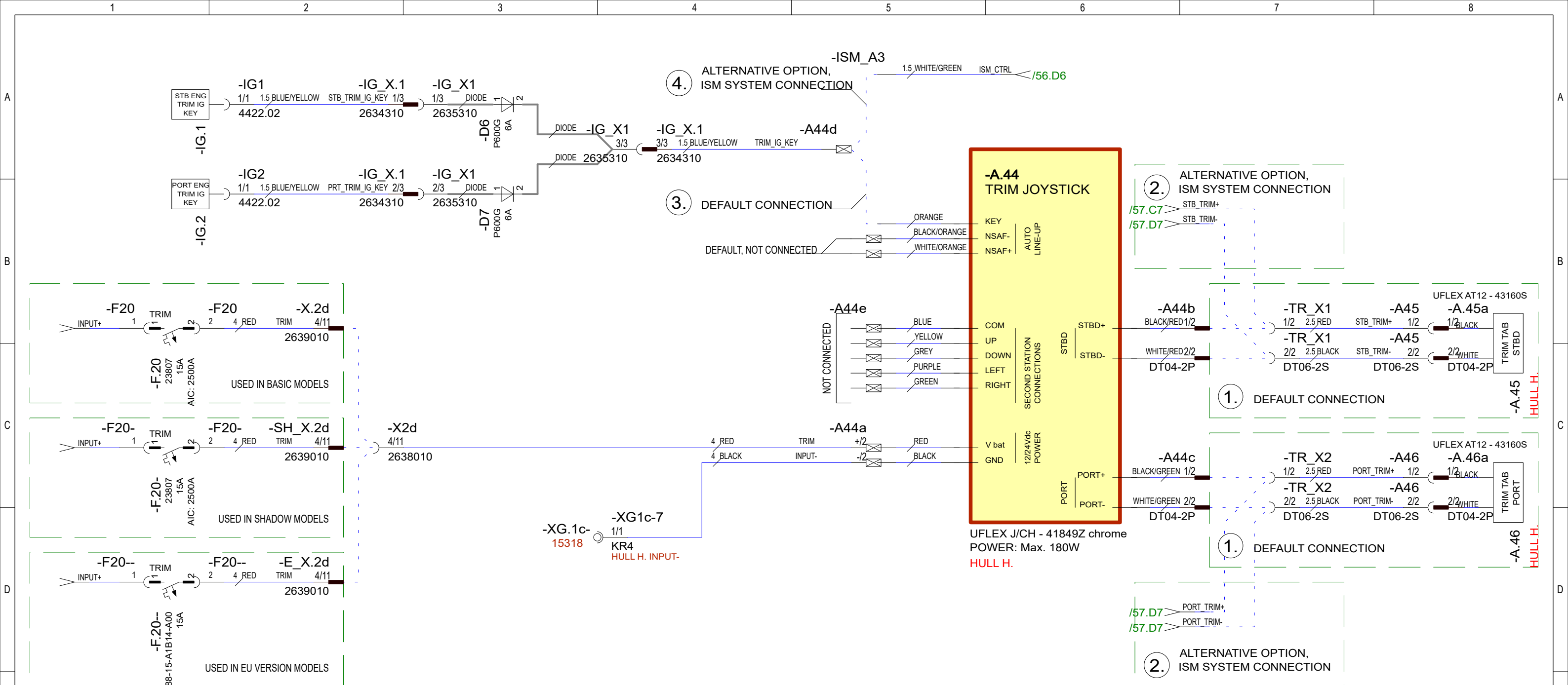
10.10.2023	PF	F22: 2004916; Not modified	Date	6.4.2020	NAVIX designed solutions Copyright by	Axopar							
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code		Product code		Project ID		
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	CO MONITORS - DIAGRAM		HL		55 / 210		
Date of modification	Modified by	Description	Project rev.	G		Boat model			Title				



10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions Copyright by	Axopar	Sub-product code	Product code	Project ID						
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat									
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	ISM SYSTEM - DIAGRAM	HL	56 / 210						
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc		Sheet					
1		2		3		4		5		6		7		8	

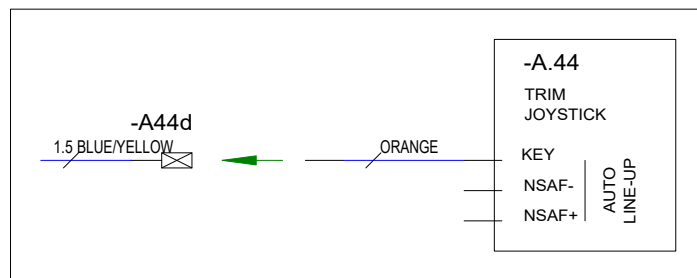


10.10.2023	PF	F22: 2004916; Not modified			Date	14.1.2021	NAVIX designed solutions Copyright by	Axopar							
20.2.2024	PF	G23; 2005054; Not modified			Drawing by	TuM		Boat	Sub-product code	Product code		Project ID			
18.6.2024	PF	G24: 2005139; Not modified			Sheet rev.	24		37 MY20	ISM SYSTEM - DIAGRAM		HL		57 / 210 Sheet		
Date of modification	Modified by	Description			Project rev.	G		Boat model	Title		Loc				
1		2		3		4		5		6		7		8	

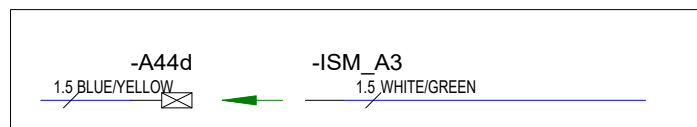


TRIM AUTO LINE-UP ALTERNATIVES:

3. ALTERNATIVE 1:
DEFAULT CONNECTION.
IGN KEY CONNECTED
TO TRIM JOYSTICK:
-A44d connected to -A.44/KEY

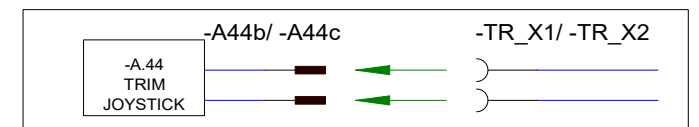


4. ALTERNATIVE 2:
ISM SYSTEM CONNECTION.
IGN KEY CONNECTED
TO ISM CONTROL HARNESS:
-A44d connected to -ISM A3.

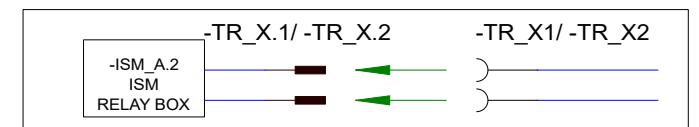


TRIM CONTROL ALTERNATIVES:

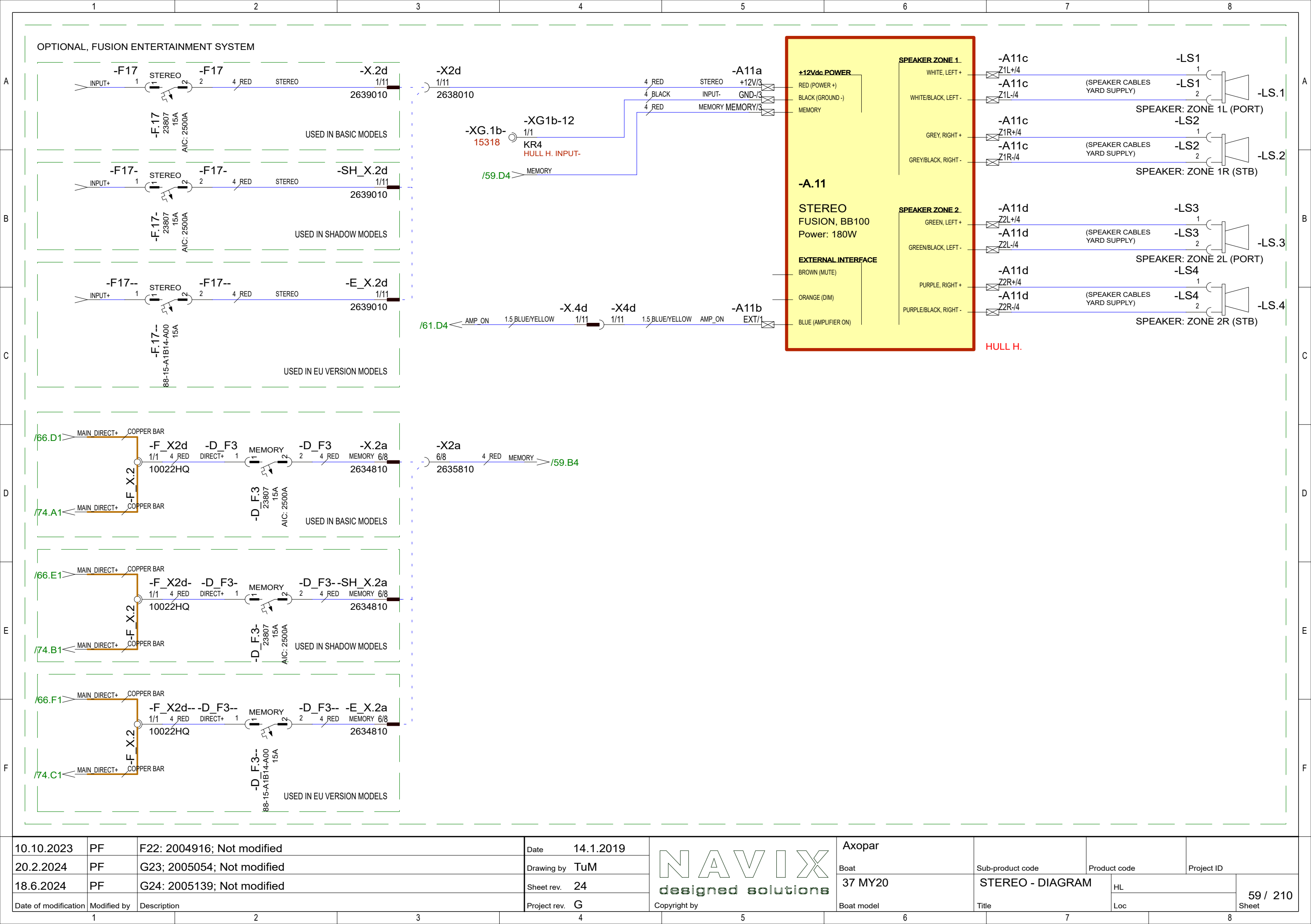
- 1. ALTERNATIVE 1:
DEFAULT CONNECTION.**
TRIM TAB ARE CONNECTED
TO TRIM JOYSTICK:
-TR_X1 connected to -A44b
-TR_X2 connected to -A44c

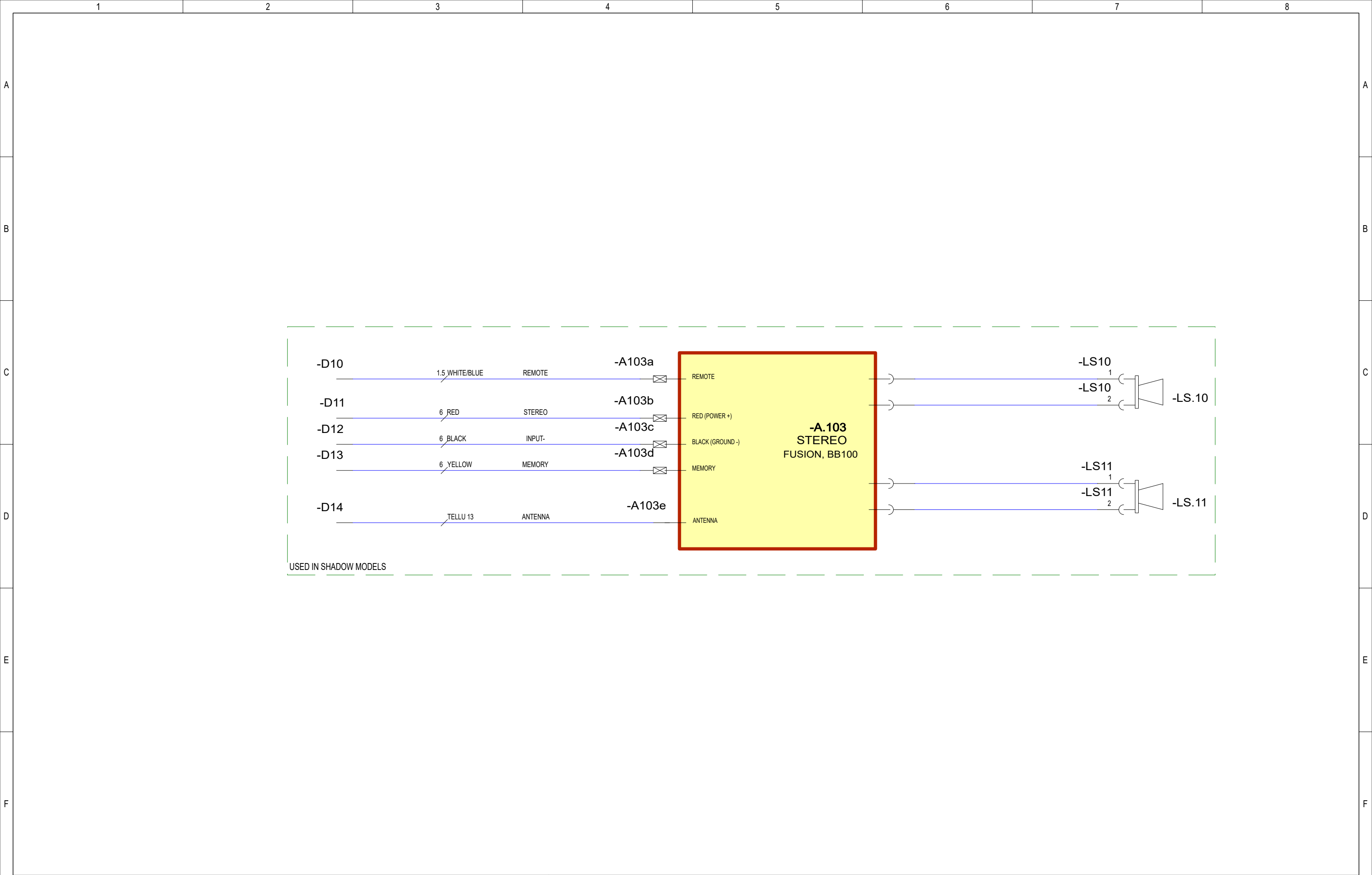


- 2.** ALTERNATIVE 2:
ISM SYSTEM CONNECTION.
TRIM TABS ARE CONNECTED
TO ISM RELAY BOX:
-TR_X1 connected to -TR_X.1
-TR_X2 connected to -TR_X.2

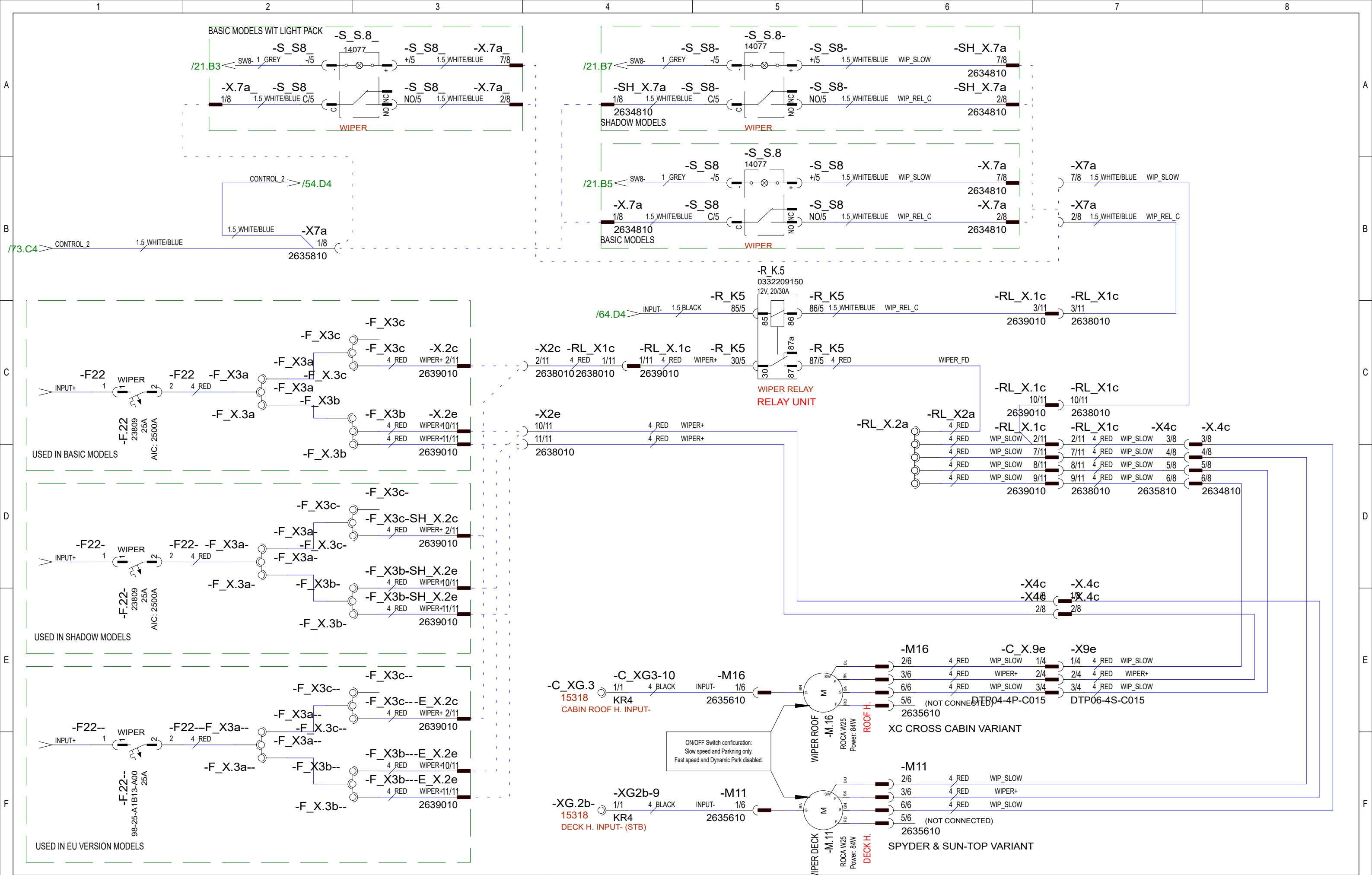


10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions Copyright by	Axopar	Sub-product code	Product code	Project ID	58 / 210 Sheet
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat				
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	TRIM - DIAGRAM	HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc		

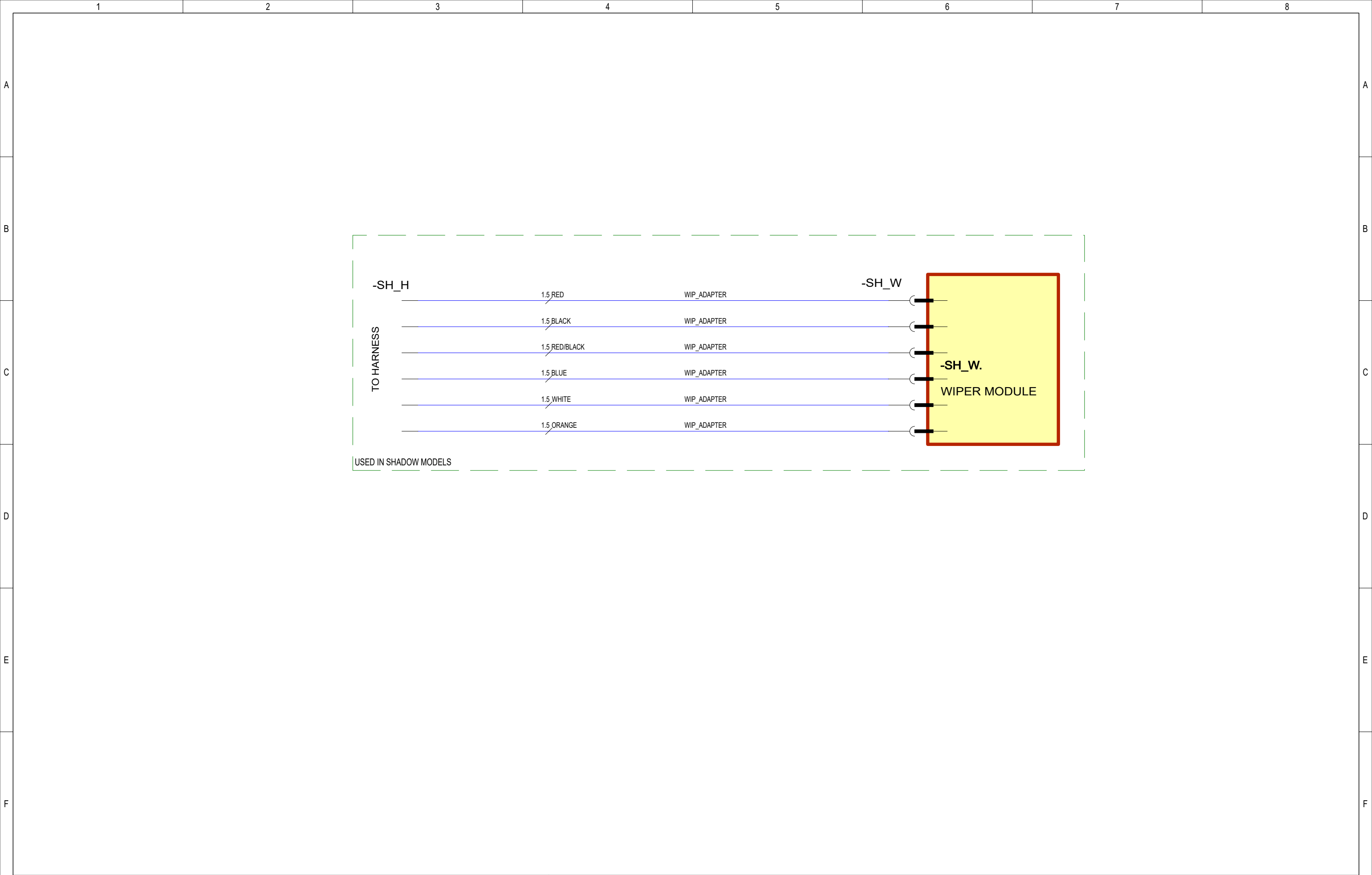




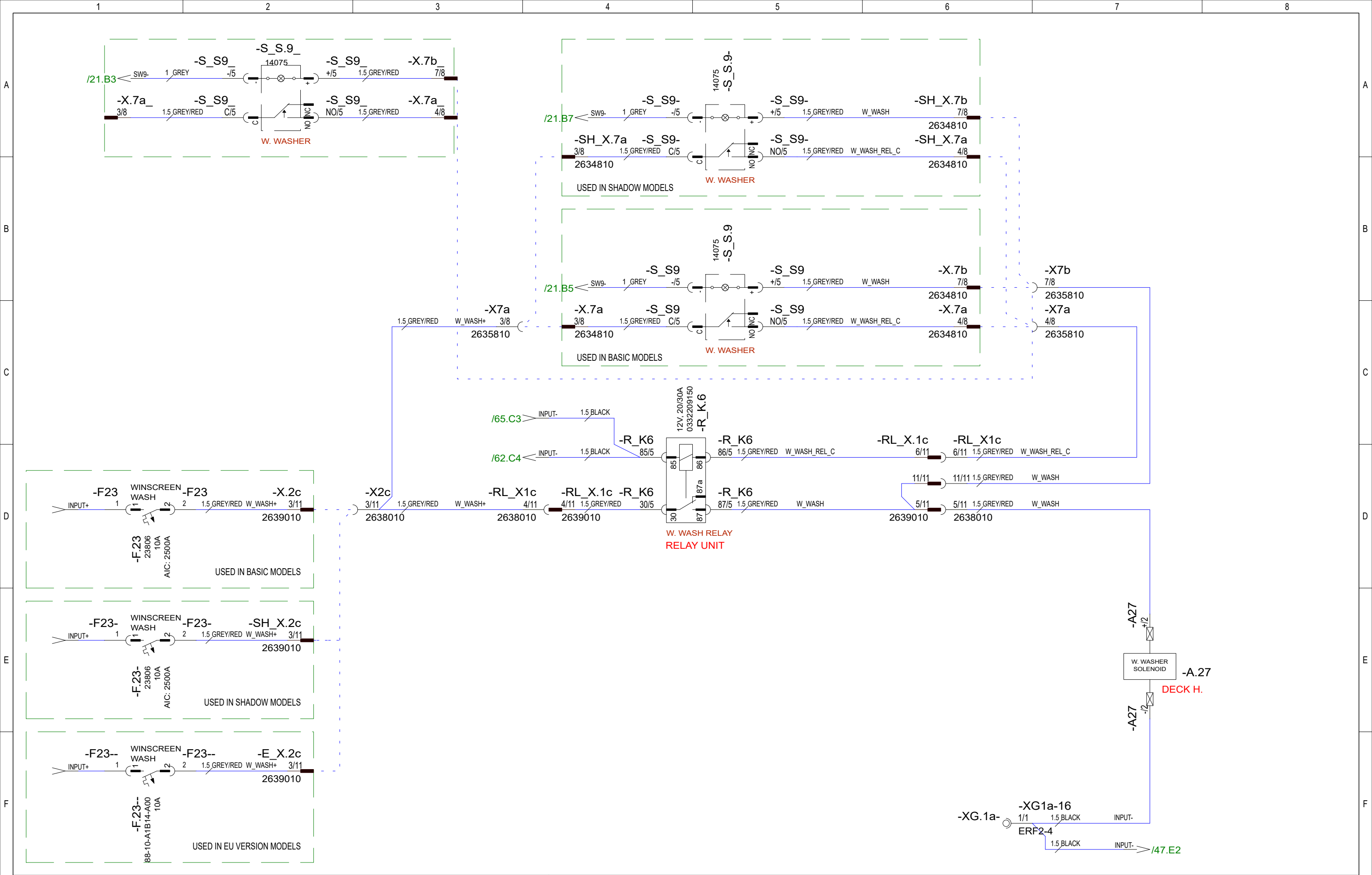
10.10.2023	PF	F22: 2004916; Not modified	Date	6.11.2020	Axopar					
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM	Boat		Sub-product code	Product code	Project ID	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	37 MY20		STEREO ADAPTER		HL	60 / 210
Date of modification	Modified by	Description	Project rev.	G	Boat model		- DIAGRAM		Loc	



10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions		Axopar					
20.2.2024	PF	G23; 2005054; -S_S.8_ added	Drawing by	TuM			Boat		Sub-product code	Product code	Project ID	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	Copyright by		37 MY20		WIPERS - DIAGRAM		HL	62 / 210 Sheet
Date of modification	Modified by	Description	Project rev.	G			Boat model		Title		Loc	
1	2	3	4	5	6	7	8					



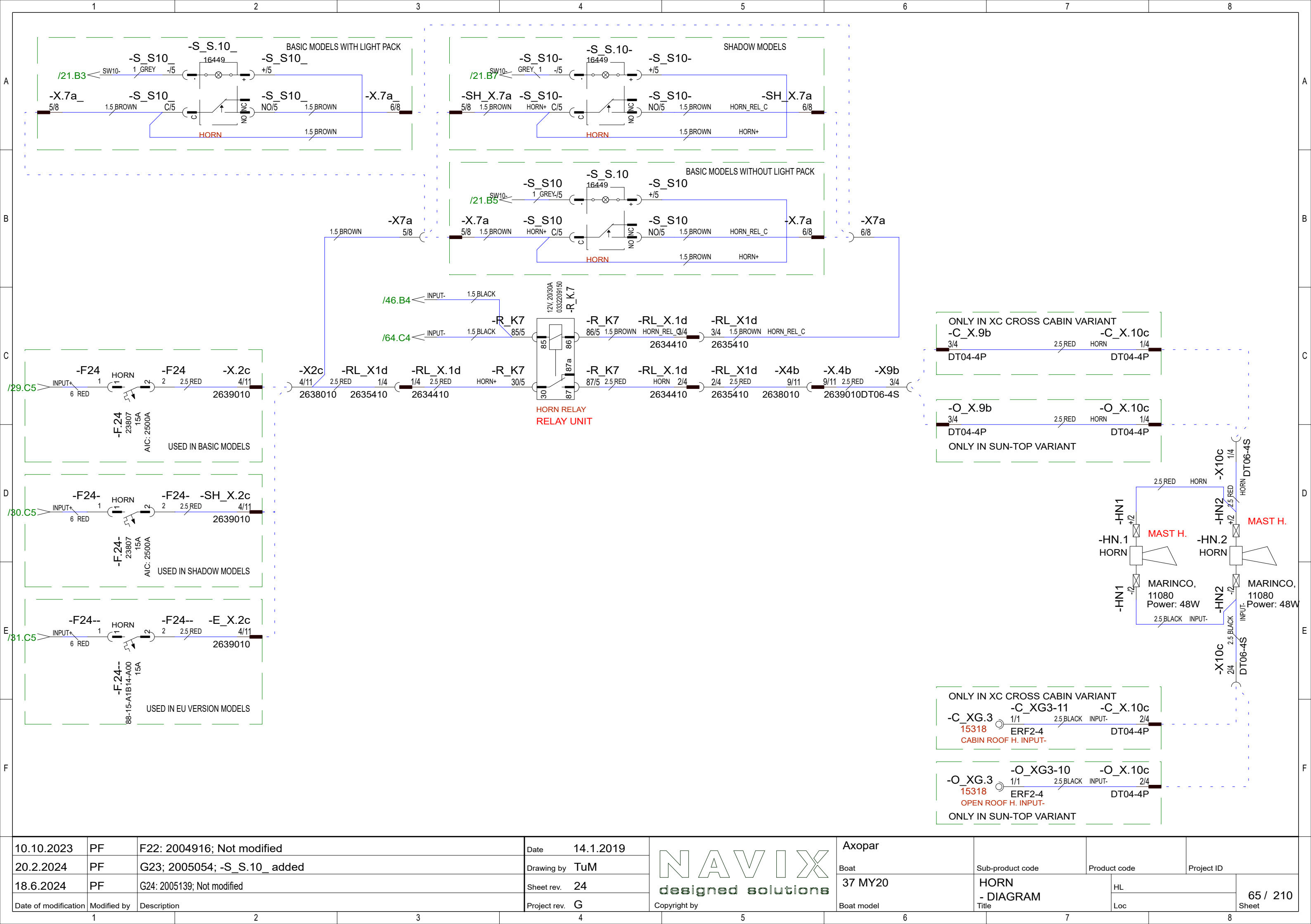
10.10.2023	PF	F22: 2004916; Not modified	Date	14.01.2019	NAVIX designed solutions		Axopar				
20.2.2024	PF	G23: 2005054; Not modified	Drawing by	TuM			Boat	Sub-product code	Product code	Project ID	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	Copyright by		37 MY20	WIPER ADAPTER - DIAGRAM		HL	63 / 210
Date of modification	Modified by	Description	Project rev.	G			Boat model			Loc	



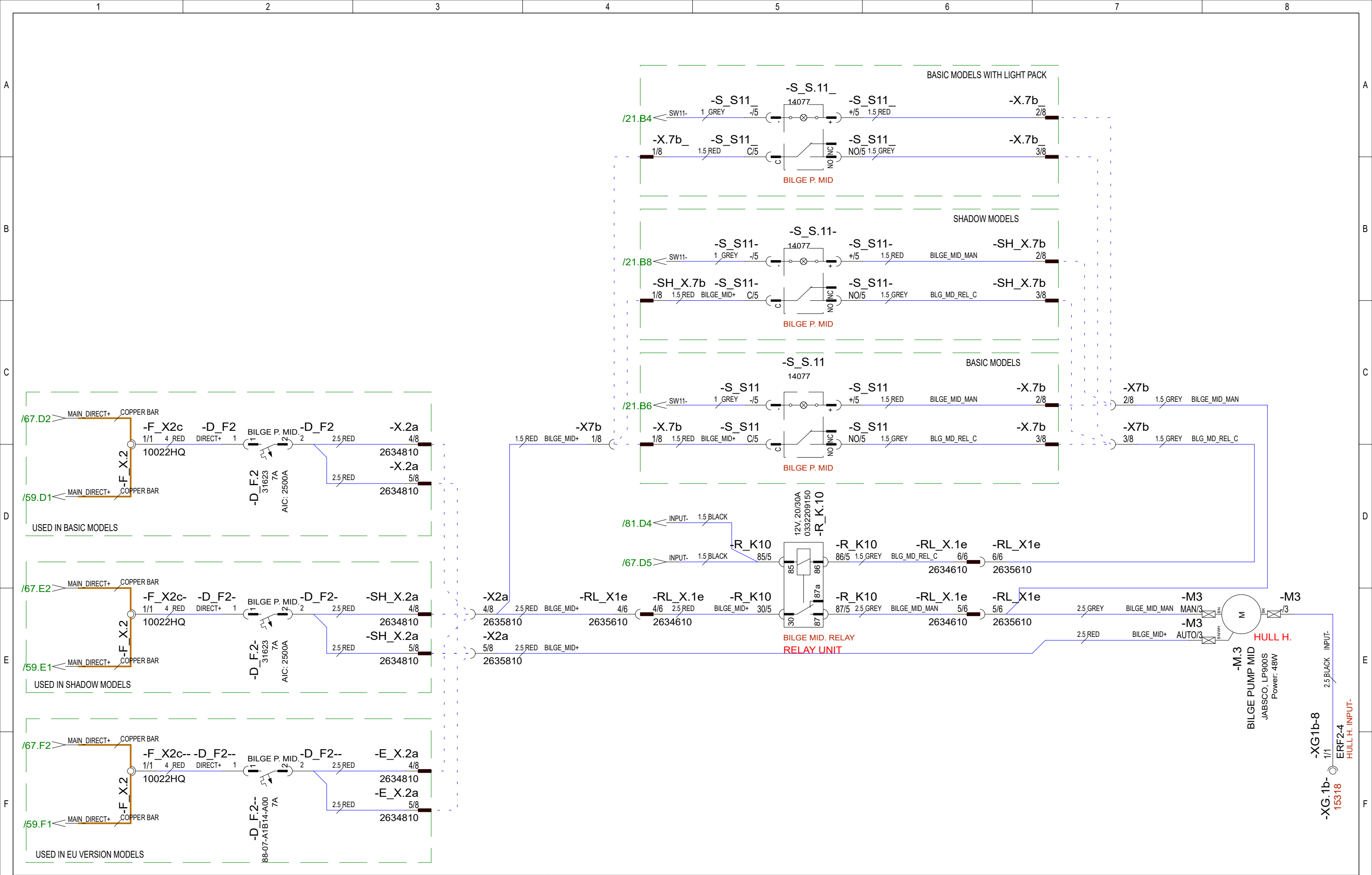
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	Axopar					
20.2.2024	PF	G23: 2005054; -S_S.9_ added	Drawing by	TuM	Boat		Sub-product code	Product code	Project ID	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	37 MY20		WINDSCREEN WASH		HL	64 / 210
Date of modification	Modified by	Description	Project rev.	G	Boat model		- DIAGRAM		Loc	



Copyright by

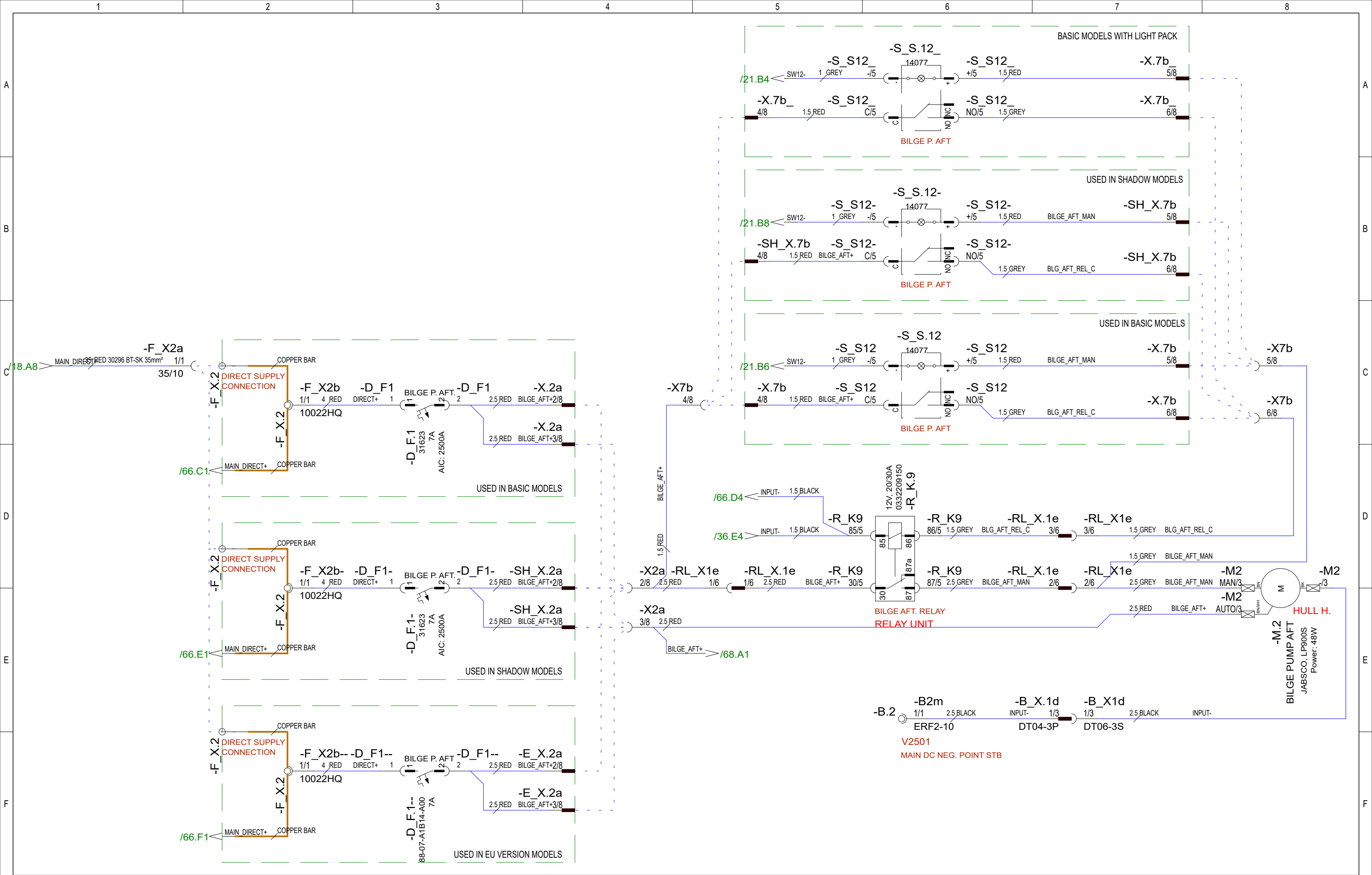


10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions Copyright by	Axopar							
20.2.2024	PF	G23: 2005054; -S_S.10_ added	Drawing by	TuM		Boat	Sub-product code		Product code		Project ID		
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	HORN - DIAGRAM		HL		65 / 210 Sheet		
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title		Loc				
1	2	3	4	5	6	7	8						

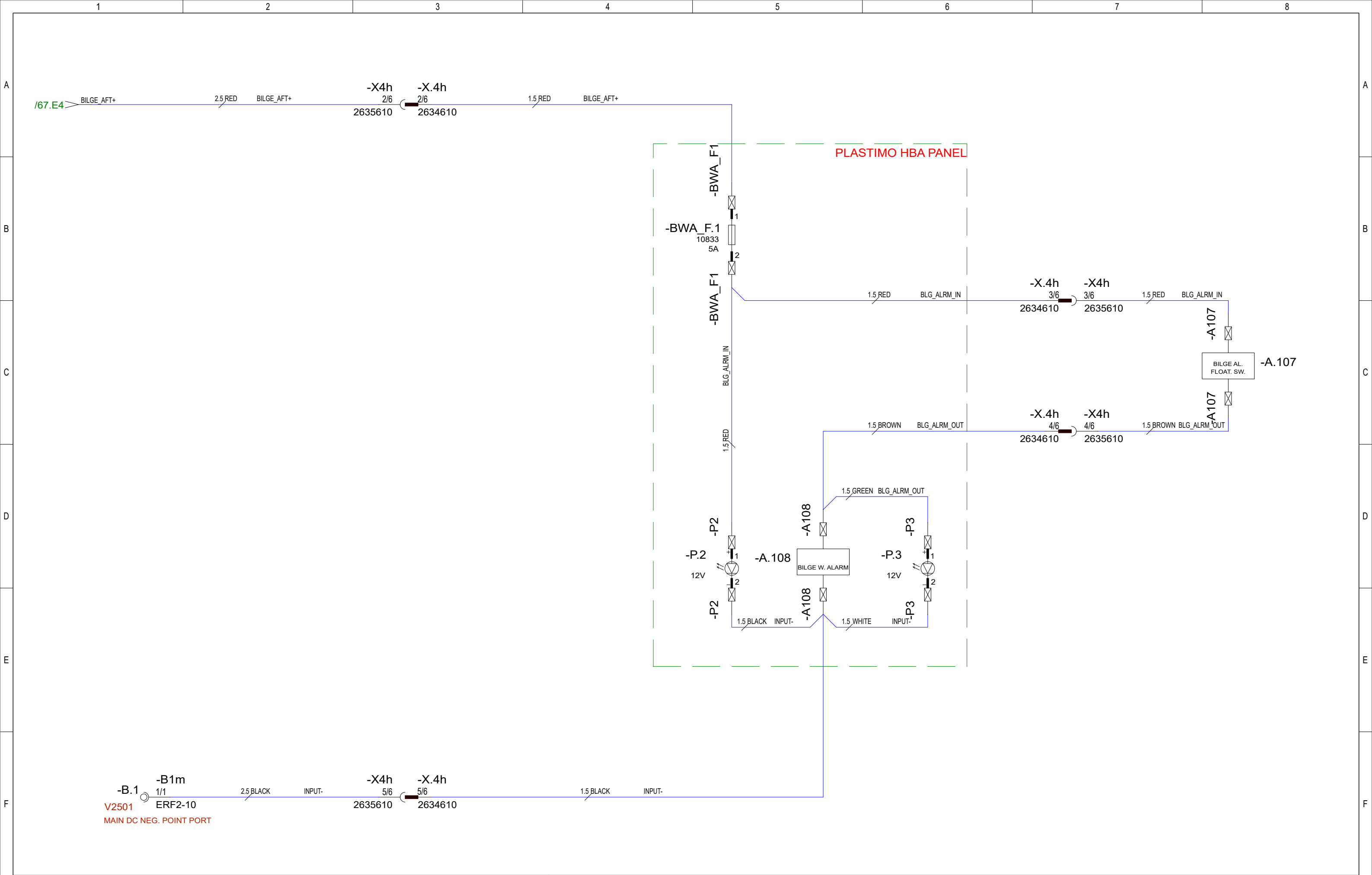


10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	Axopar					
20.2.2024	PF	G23; 2005054; -S_S.11_ added	Drawing by	TuM	Boat		Sub-product code		Product code	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	37 MY20		BILGE PUMP MID		HL	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc	
1	2	3	4	5	6	7	8	9	10	11

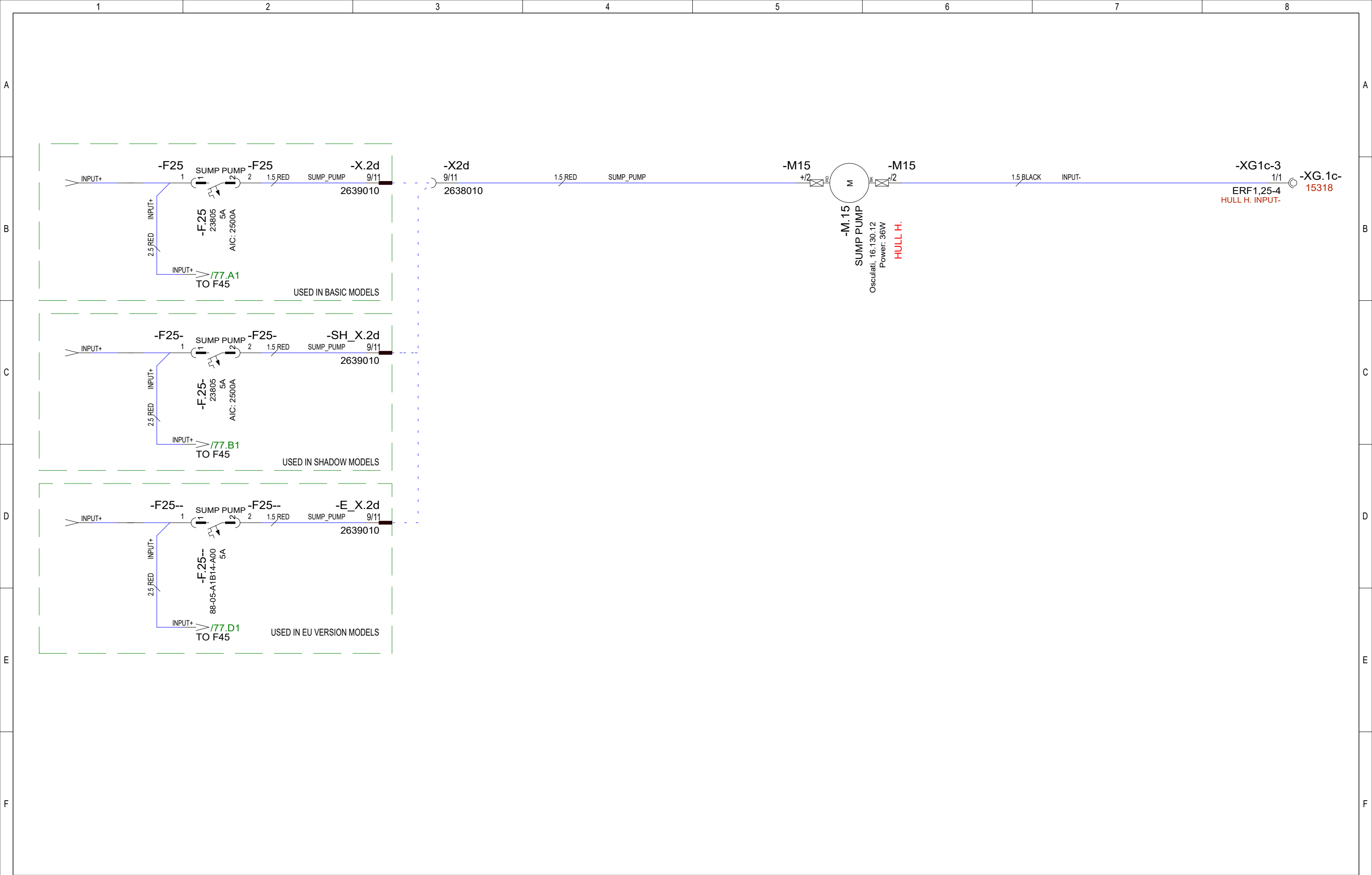




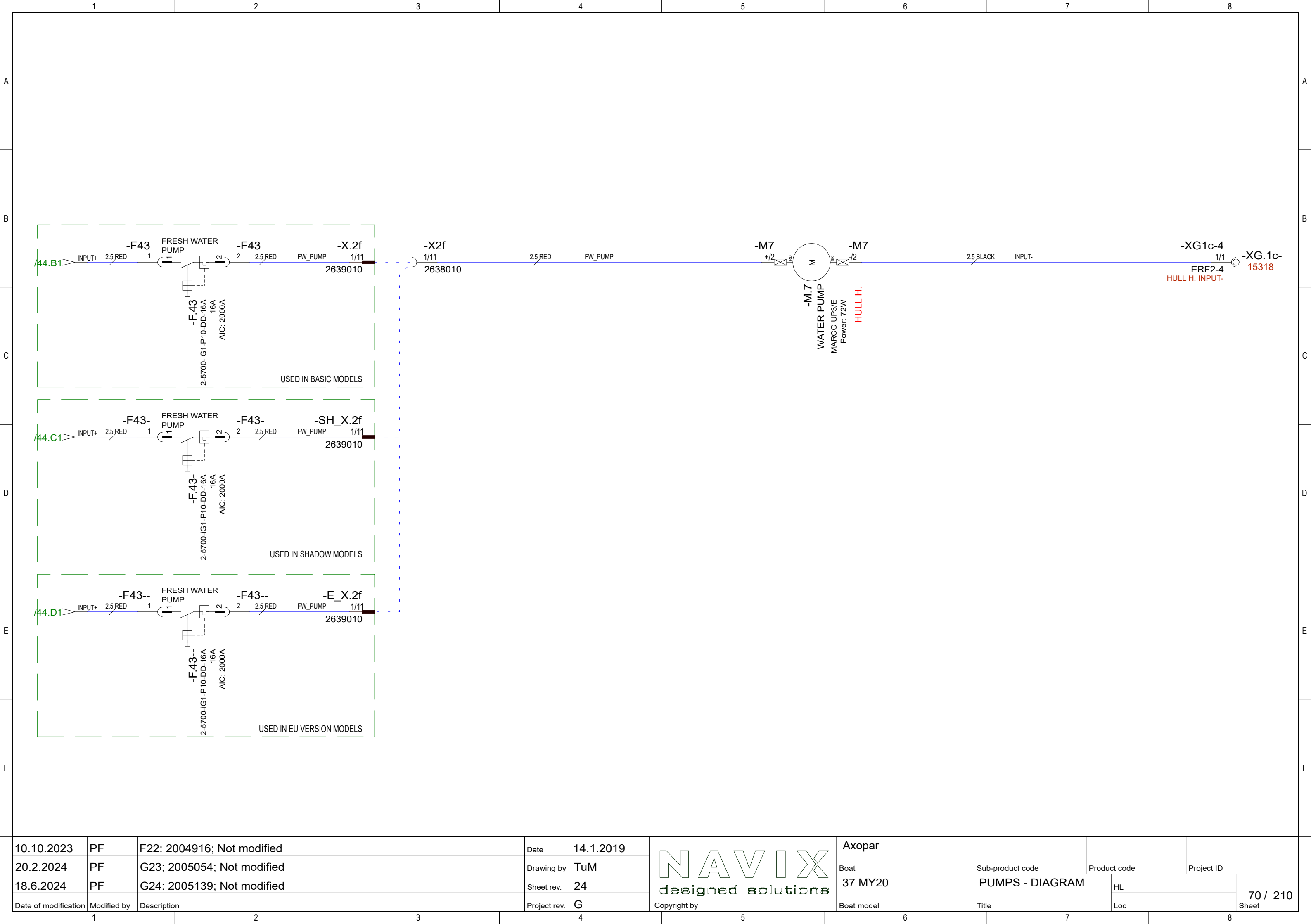
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20.2.2024	PF	G23: 2005054; -S_S.12_ added	Drawing by	TuM	Boat		Sub-product code		Product code	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	37 MY20		BILGE PUMP AFT		HL	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc	
1	2	3	4	5	6	7	8	9	10	67 / 210
				NAVIX		designed solutions				Sheet



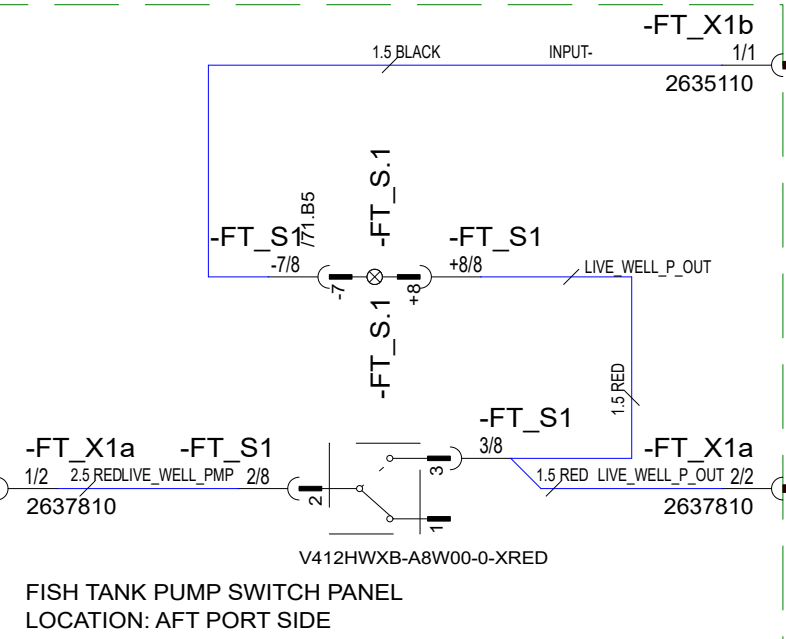
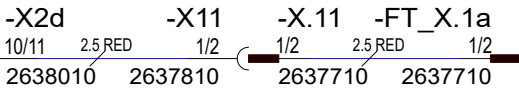
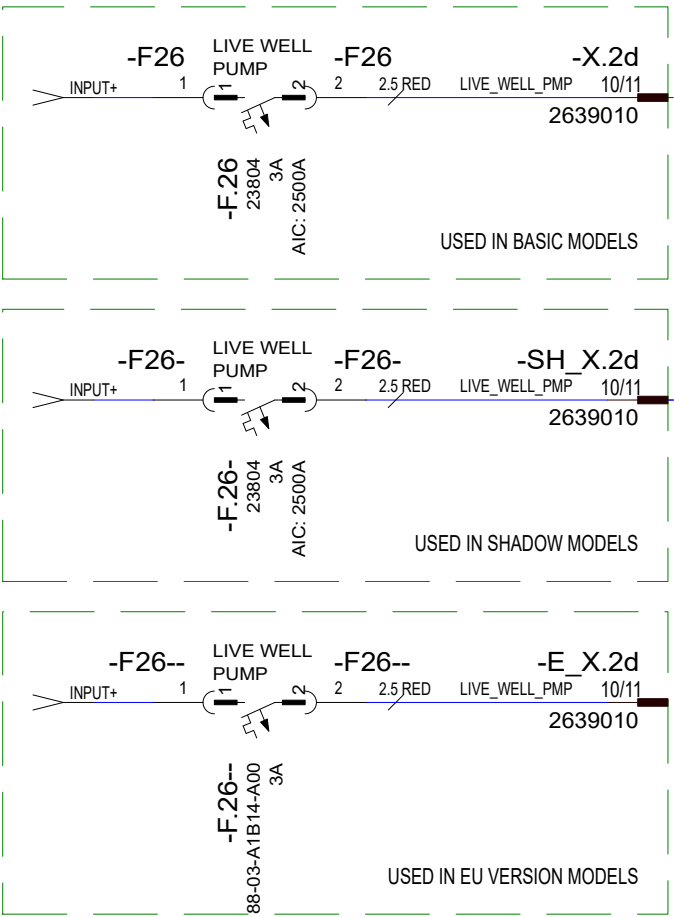
10.10.2023	PF	F22: 2004916; Not modified	Date	16.2.2023	NAVIX designed solutions Copyright by	Axopar									
20.2.2024	PF	G23: 2005054; Not modified	Drawing by	TT		Boat	Sub-product code	Product code	Project ID						
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20 SHADOW	BILGE ALARM	HL	68 / 210						
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc		Sheet					
1		2		3		4		5		6		7		8	



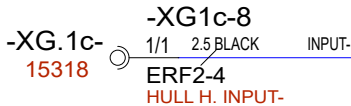
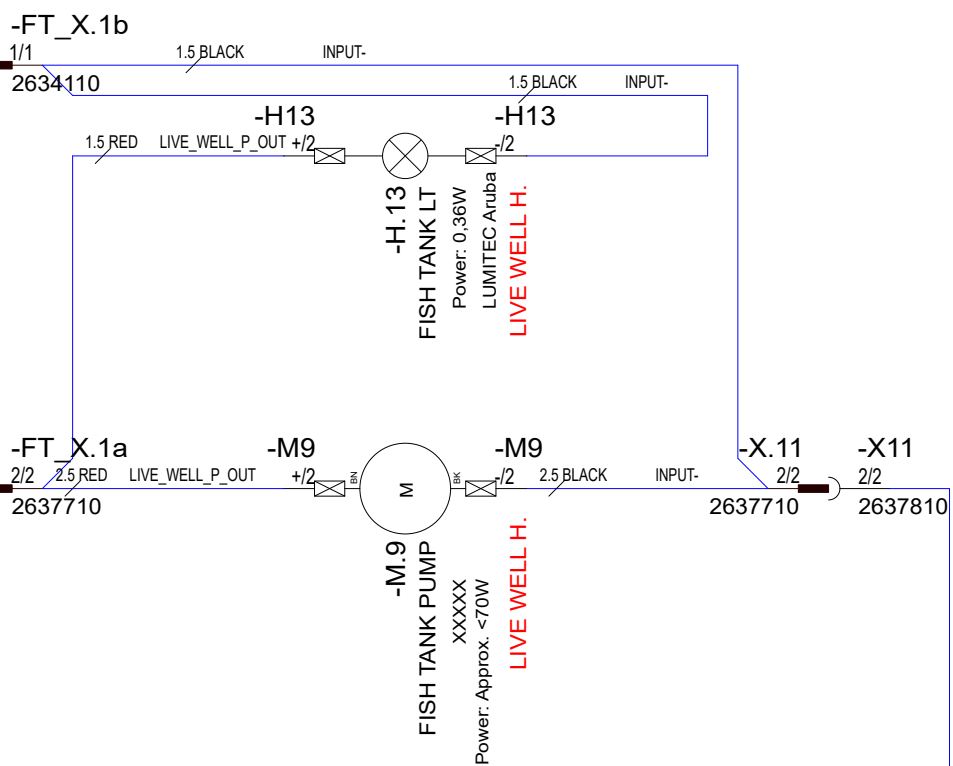
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	Axopar					
20.2.2024	PF	G23: 2005054; Not modified	Drawing by	TuM	Boat	Sub-product code	Product code		Project ID	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	37 MY20		PUMPS - DIAGRAM		HL	69 / 210
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc	



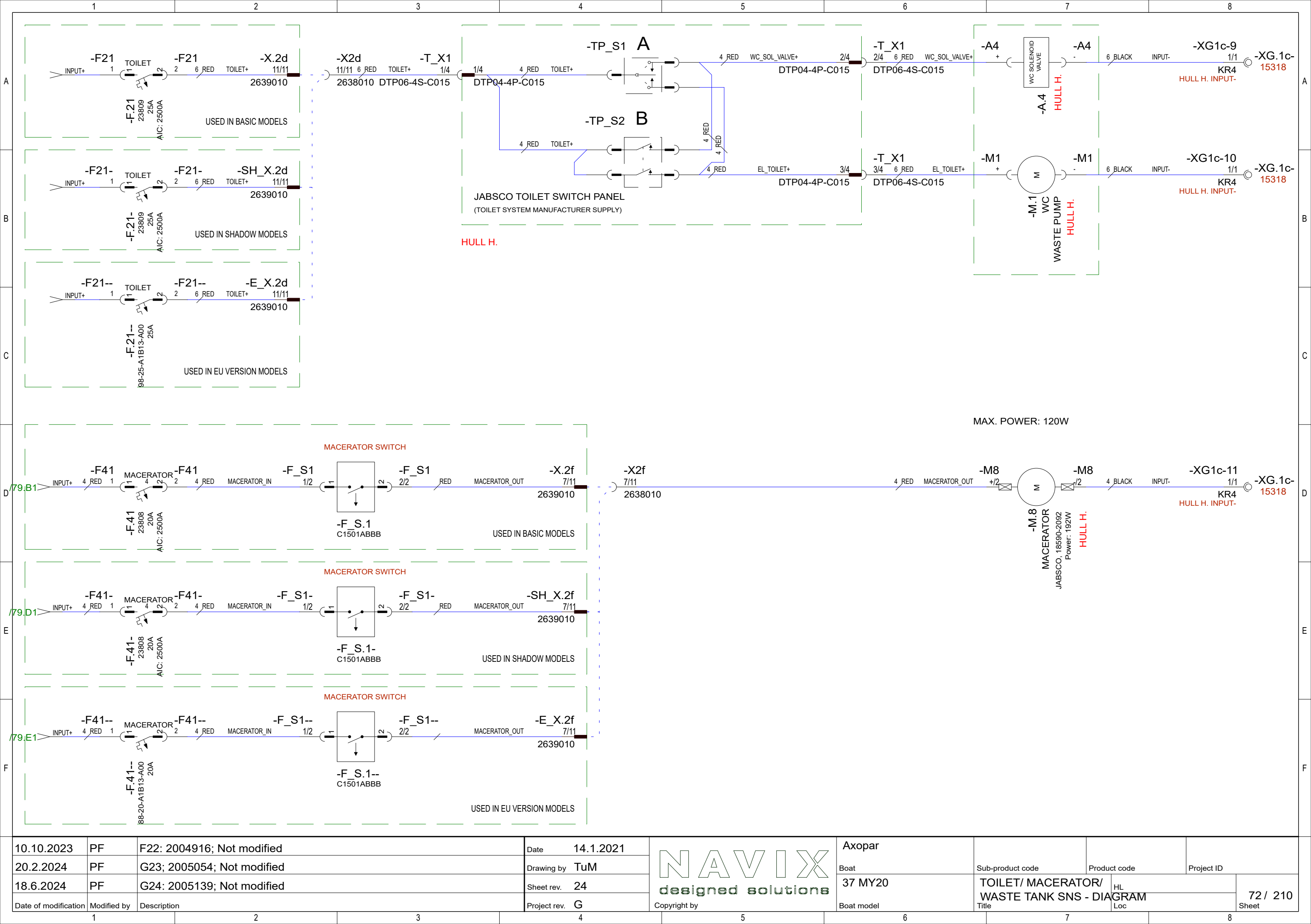
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions Copyright by	Axopar	Sub-product code	Product code		Project ID	
20.2.2024	PF	G23: 2005054; Not modified	Drawing by	TuM		Boat					
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	PUMPS - DIAGRAM		HL		70 / 210
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc		Sheet	



LIVE WELL H.



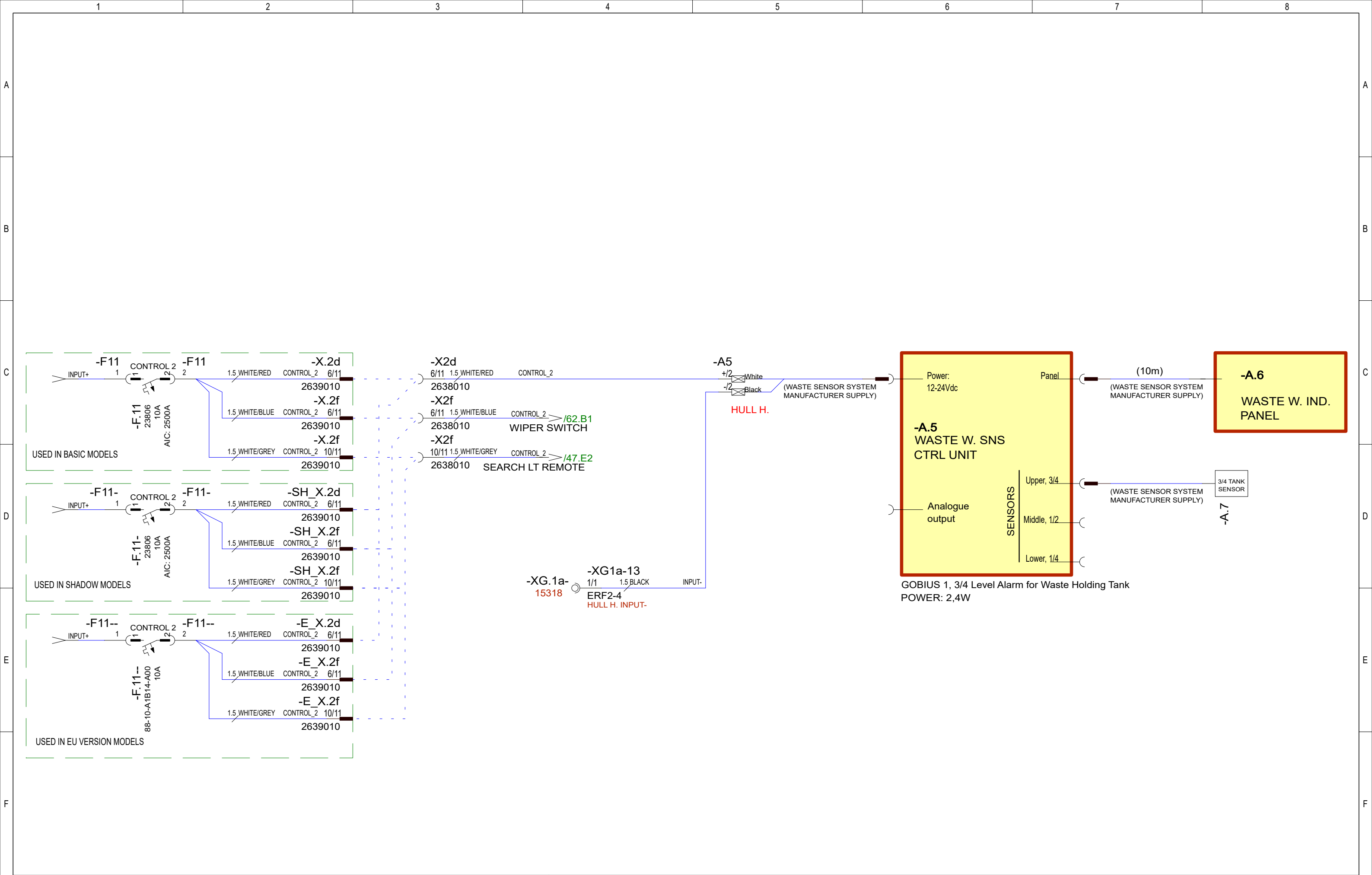
10.10.2023	PF	F22: 2004916; Not modified, 2004954; Livewell fuse to 3A+retrofit version	Date	14.1.2019	Axopar					
20.2.2024	PF	G23: 2005054; Not modified	Drawing by	TuM	Boat		Sub-product code		Product code	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	37 MY20		LIVE WELL PUMP		HL	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc	
1	2	3	4	5	6	7	8	71/ 210		Sheet



10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2021
20.2.2024	PF	G23: 2005054; Not modified	Drawing by	TuM
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24
Date of modification	Modified by	Description	Project rev.	G

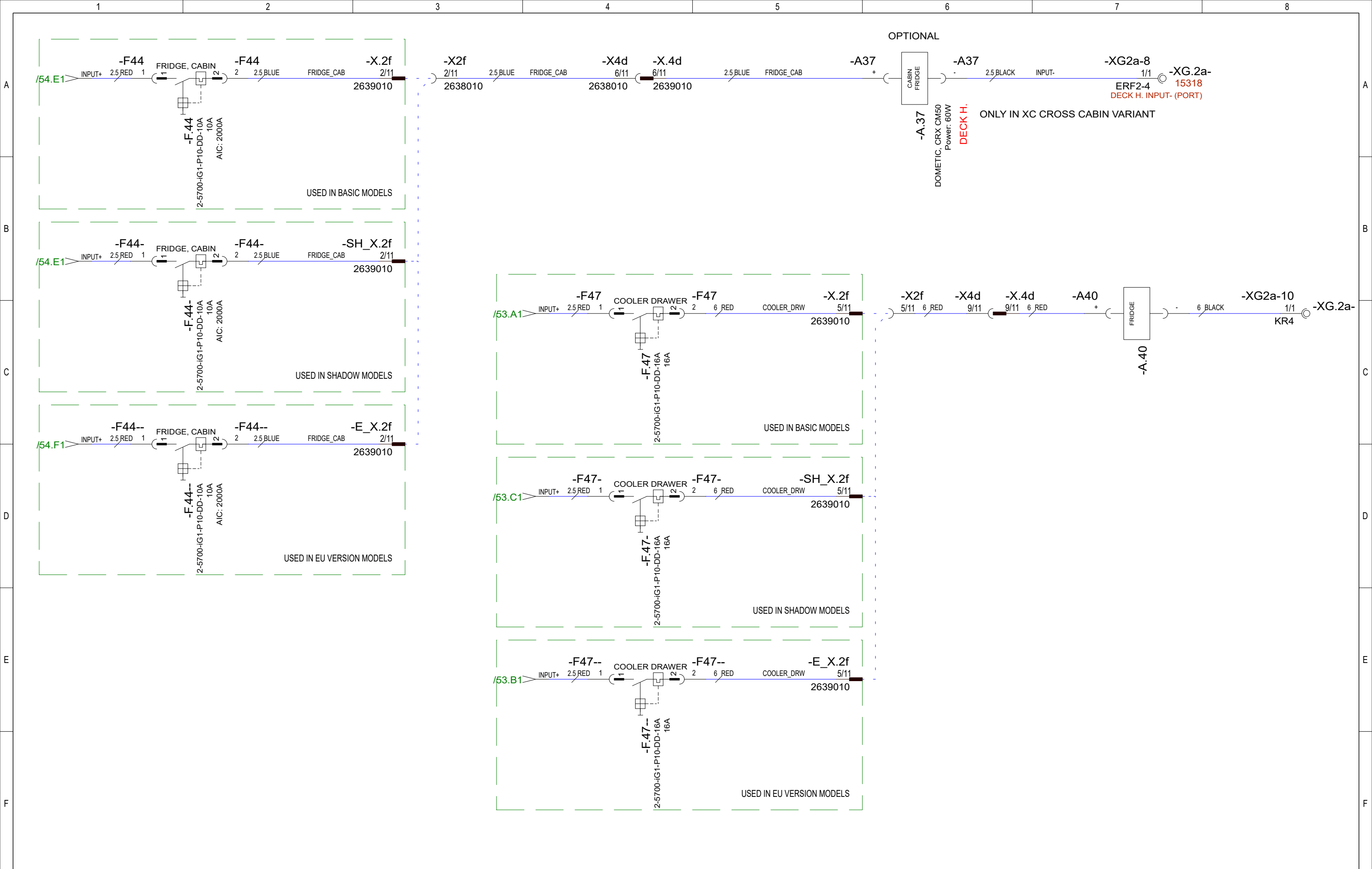


Axopar				
Boat	Sub-product code	Product code	Project ID	
37 MY20				
Boat model	Title	HL Loc	72 / 210 Sheet	

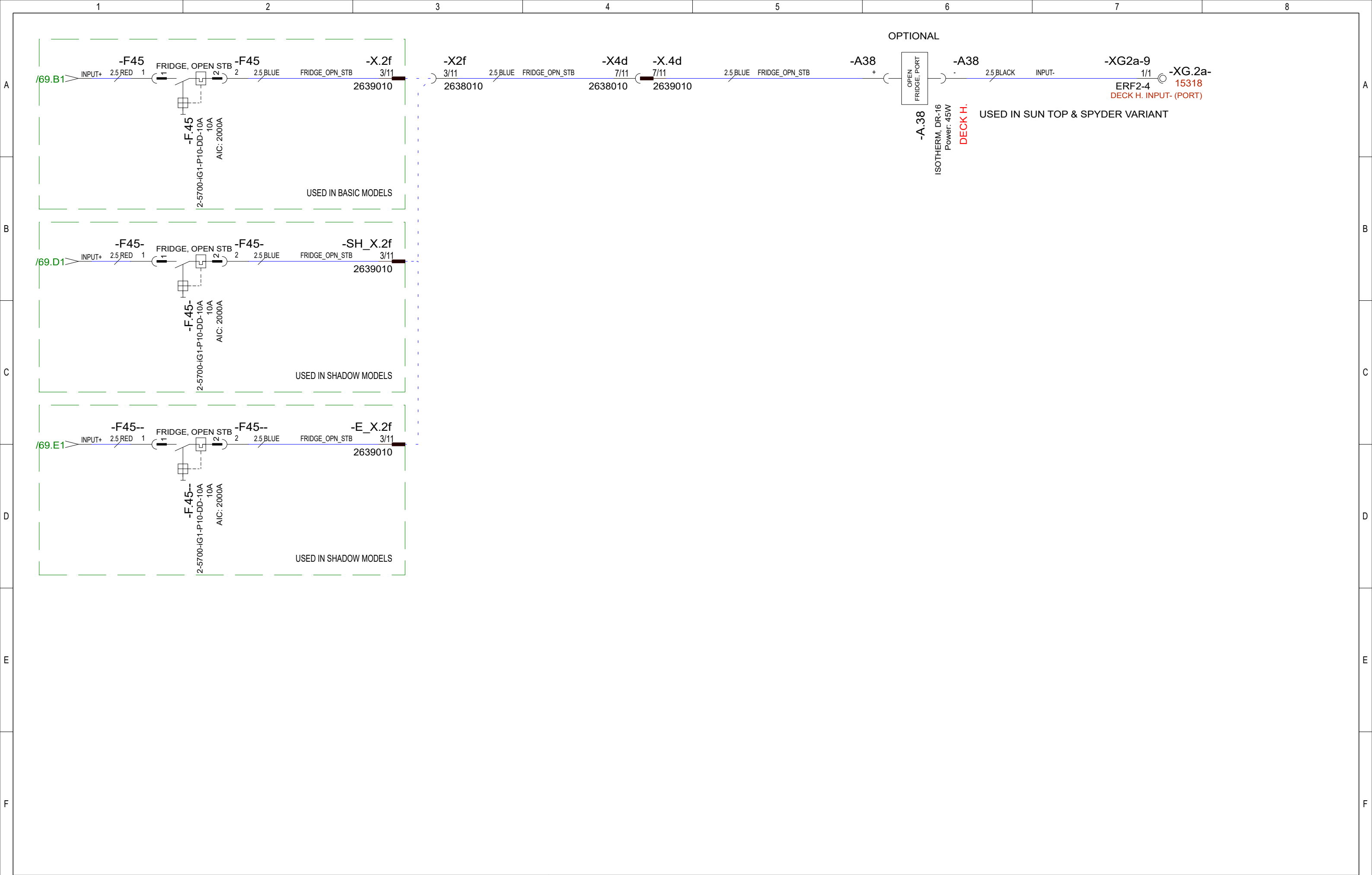


10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	Axopar					
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM	Boat		Sub-product code		Product code	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	37 MY20		TOILET/ MACERATOR/		HL	
Date of modification	Modified by	Description	Project rev.	G	Boat model		WASTE TANK SNS - DIAGRAM		Loc	
1		2		4	5	6	7		8	73 / 210
				Copyright by						Sheet

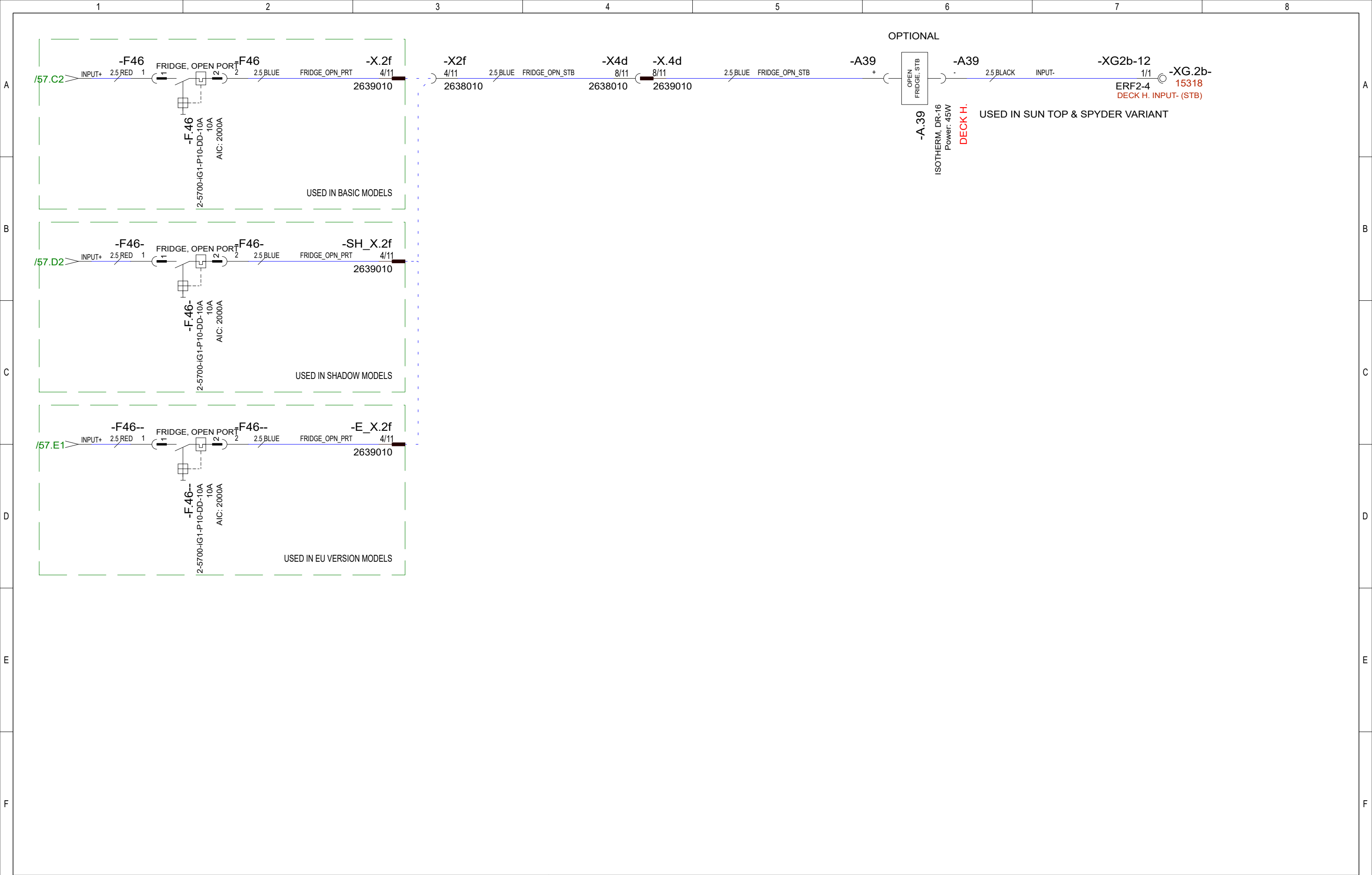




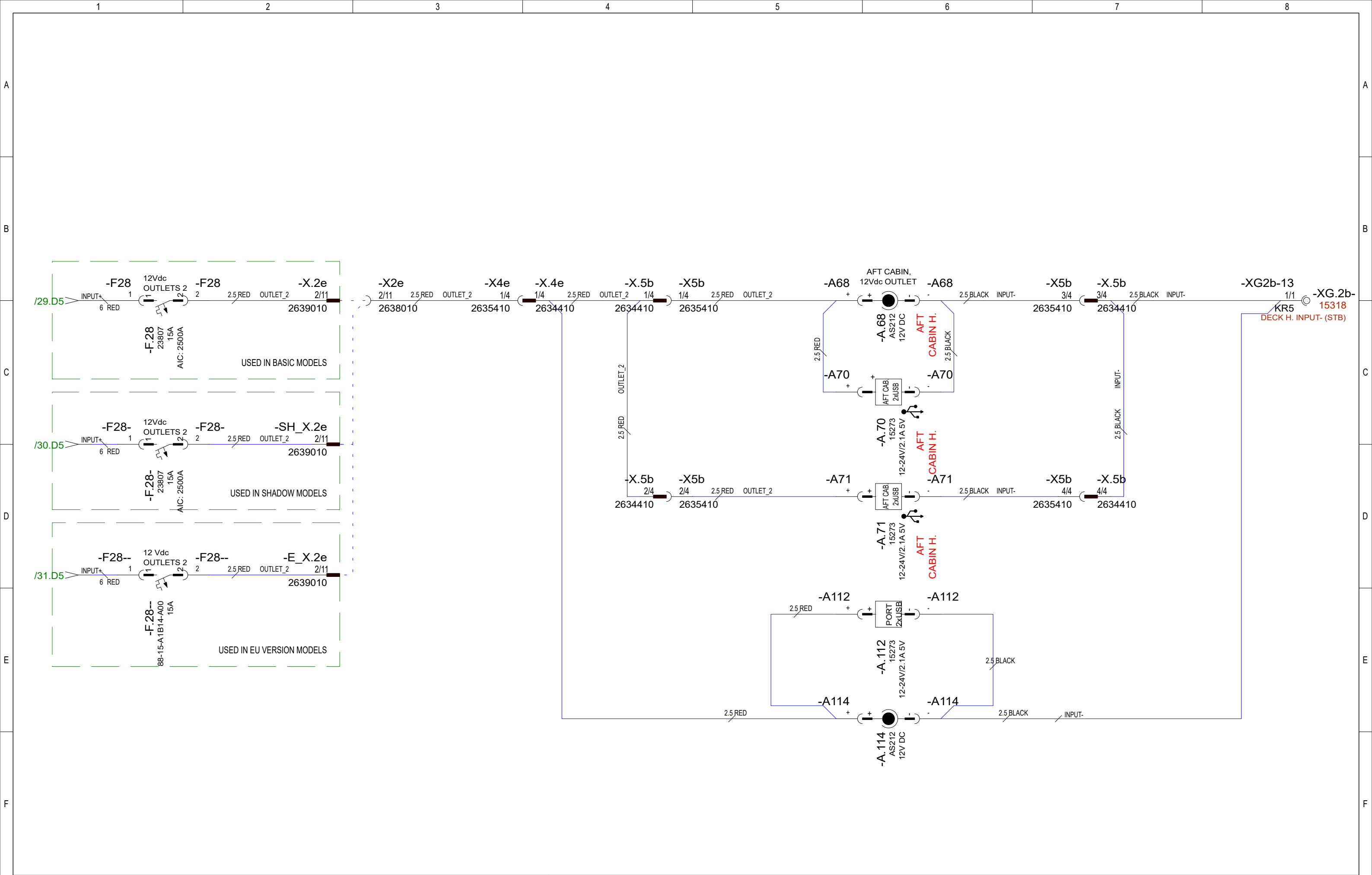
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	 Copyright by	Axopar	Sub-product code	Product code	Project ID	76 / 210 Sheet
20.2.2024	PF	G23; 2005054; A40 Cooler/fridge 10A -> 16A, wiring added	Drawing by	TuM		Boat				
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		Boat model	Title	Loc		
Date of modification	Modified by	Description	Project rev.	G						
1		2	3	4	5	6	7		8	



10.10.2023	PF	F22: 2004916; Not modified	Date	23.4.2020	NAVIX designed solutions		Axopar					
20.2.2024	PF	G23: 2005054; Not modified	Drawing by	TuM			Boat		Sub-product code	Product code	Project ID	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	Copyright by		37 MY20		REFRIGERATORS - DIAGRAM		HL	77 / 210
Date of modification	Modified by	Description	Project rev.	G			Boat model		Title		Loc	



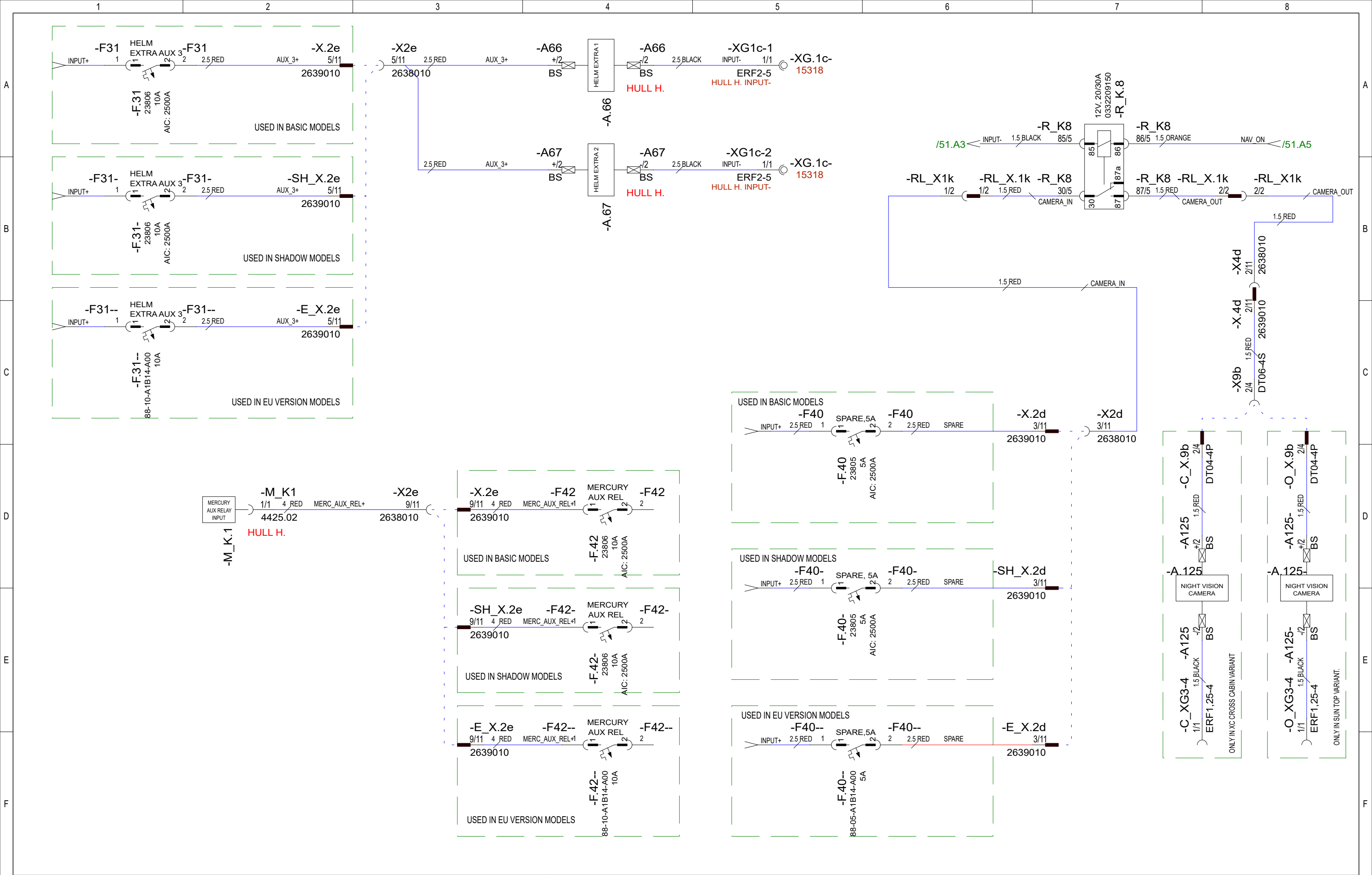
10.10.2023	PF	F22: 2004916; Not modified	Date	23.04.2020	NAVIX designed solutions Copyright by	Axopar							
20.2.2024	PF	G23: 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code		Product code		Project ID		
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20		REFRIGERATORS - DIAGRAM		HL		78 / 210	
Date of modification	Modified by	Description	Project rev.	G		Boat model		Title		Loc			



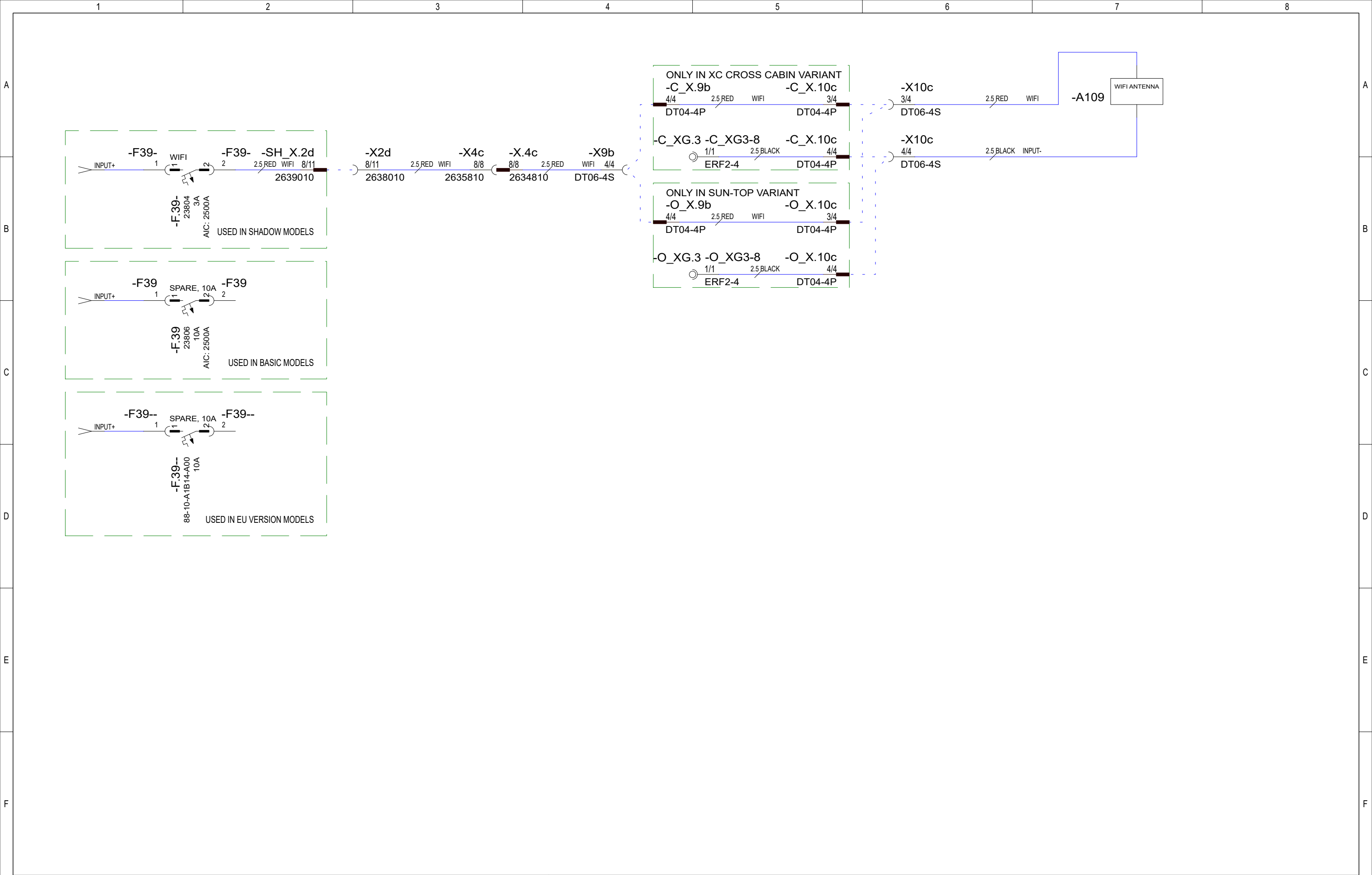
10.10.2023	PF	F22: 2004916; Added A112&A114	Date	14.1.2019	NAVIX designed solutions Copyright by	Axopar	Sub-product code	Product code	Project ID	
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat				
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	12Vdc OUTLETS/ USB - DIAGRAM	HL	80 / 210	
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc		Sheet



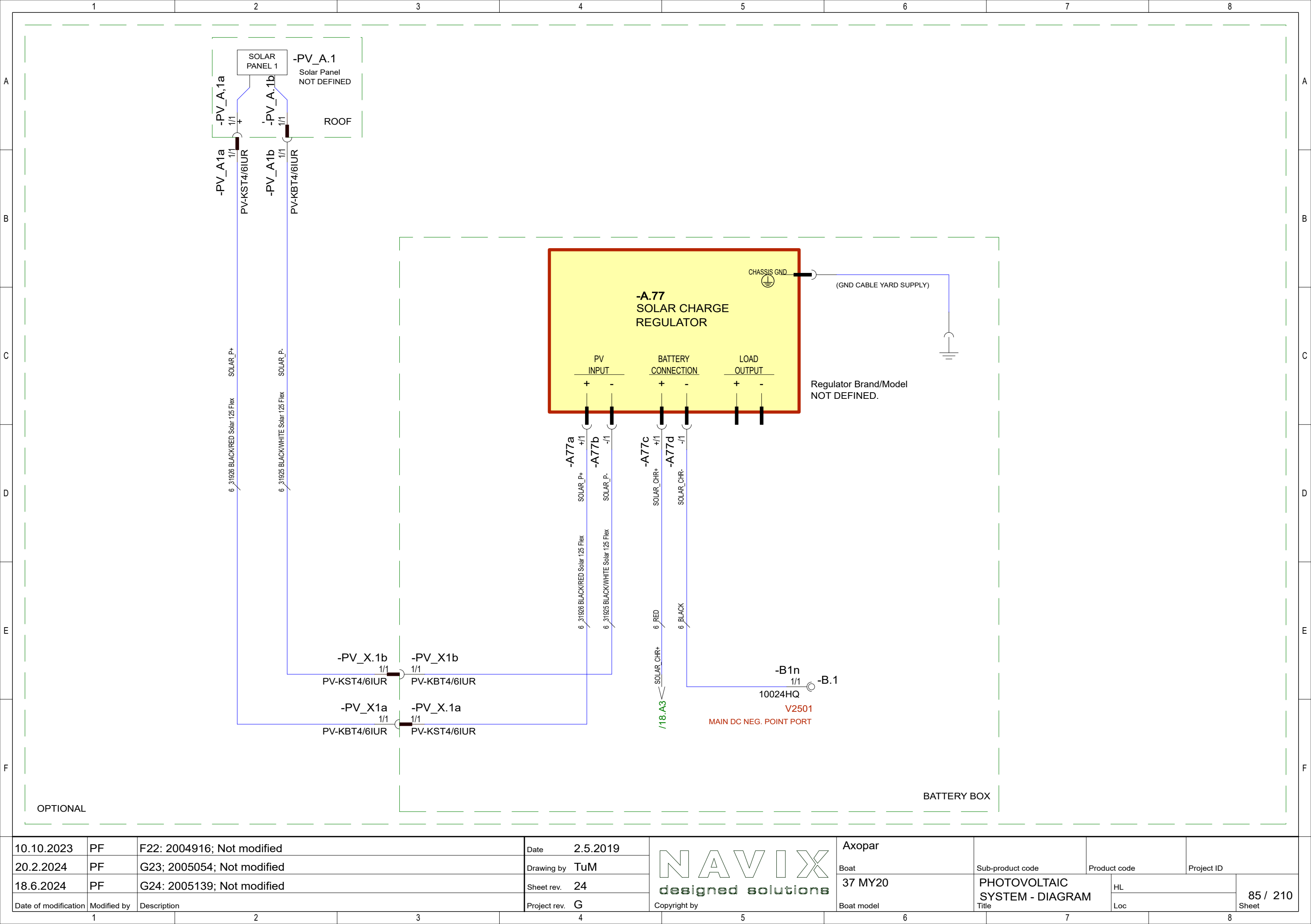
Copyright by



10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	Axopar					
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM	Boat		Sub-product code		Product code	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	37 MY20		AUX 3, SPARE, EXTRA, MERCURY AUX - DIAGRAM		HL	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc	
1	2	3	4	5	6	7	8	83 / 210		Sheet



10.10.2023	PF	F22: 2004916; Not modified	Date	15.06.2021	NAVIX designed solutions		Axopar					
20.2.2024	PF	G23; 2005054; Wifi minus 1,5mm2->2,5mm2	Drawing by	TuM			Boat		Sub-product code	Product code	Project ID	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	Copyright by		37 MY20		WIFI - DIAGRAM		HL	84 / 210
Date of modification	Modified by	Description	Project rev.	G			Boat model		Title		Loc	
1		2		3	4	5	6		7		8	



10.10.2023	PF	F22: 2004916; Not modified	Date	2.5.2019	NAVIX designed solutions Copyright by	Axopar				
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	PHOTOVOLTAIC	HL	85 / 210	
Date of modification	Modified by	Description	Project rev.	G		Boat model	SYSTEM - DIAGRAM	Loc		Sheet

A									
B									
C									
D									
E									
F									

ONLY IN
SHADOW MODEL

-A47a
1/1
95/8

INV_DC+ 95 RED

/18.D7

-A47b
1/1
95/8

INV_DC- 95 BLACK

V2501
MAIN DC NEG. POINT STB

-A.47
INVERTER

DC CONNECTIONS

AC-OUTPUT

L
PE(GND)
N

CONNECTION
NOT DEFINED

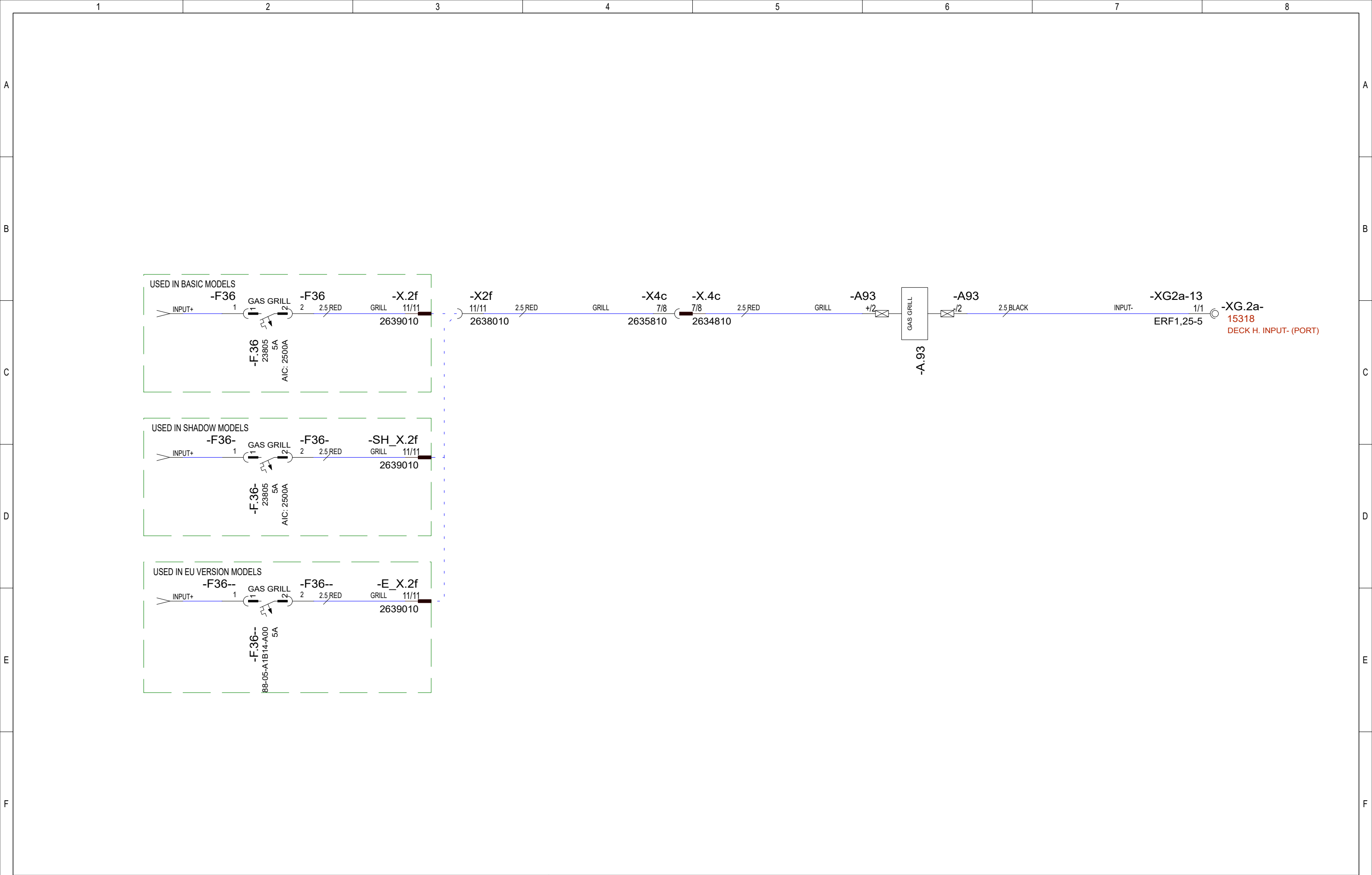
CHASSIS GND

M6 RING (GND CABLE YARD SUPPLY)

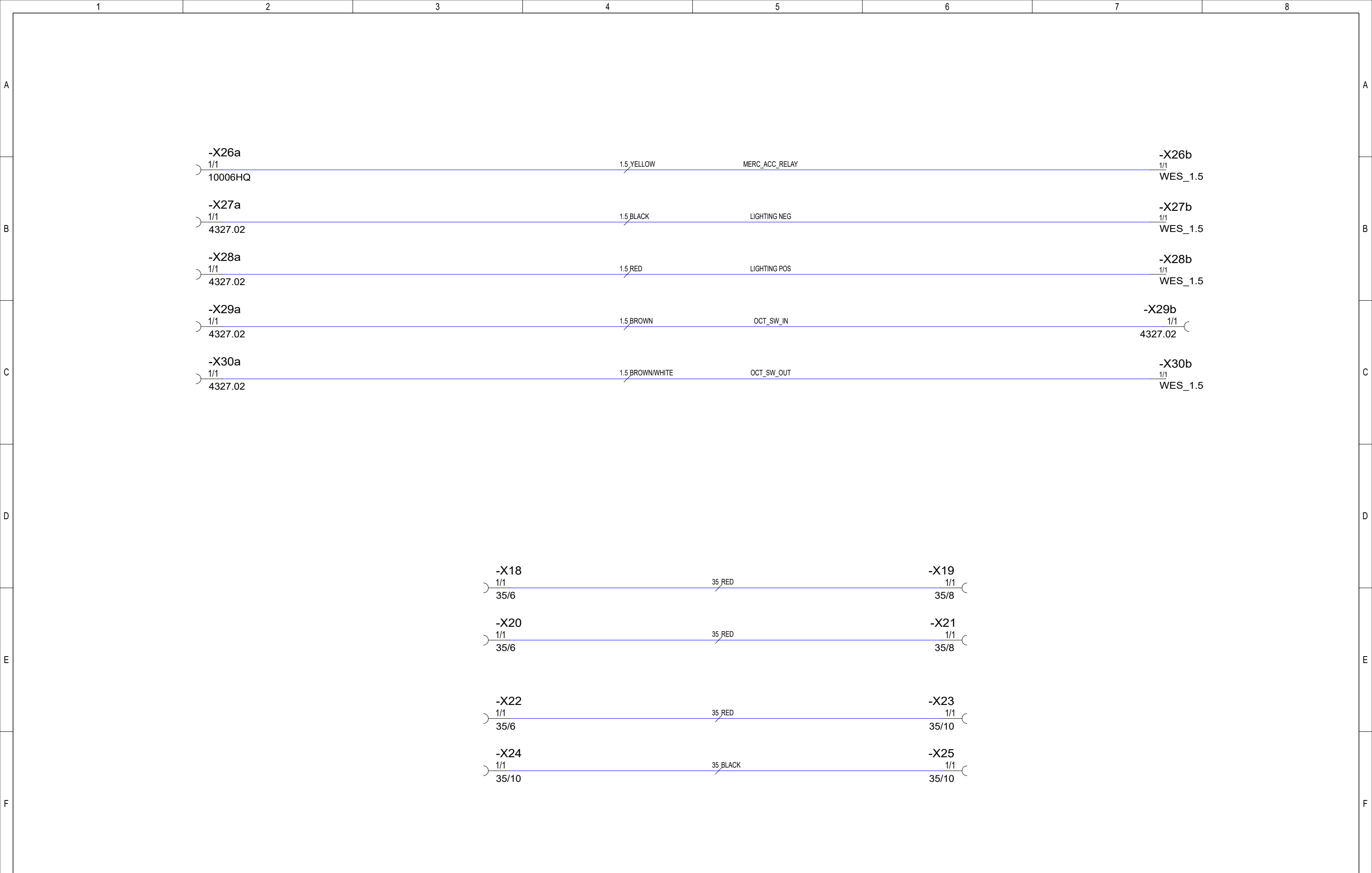
TO COMMON GROUNDING
POINT

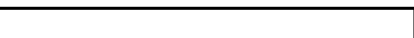
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	INVERTER - DIAGRAM	HL	87 / 210 Sheet
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc	

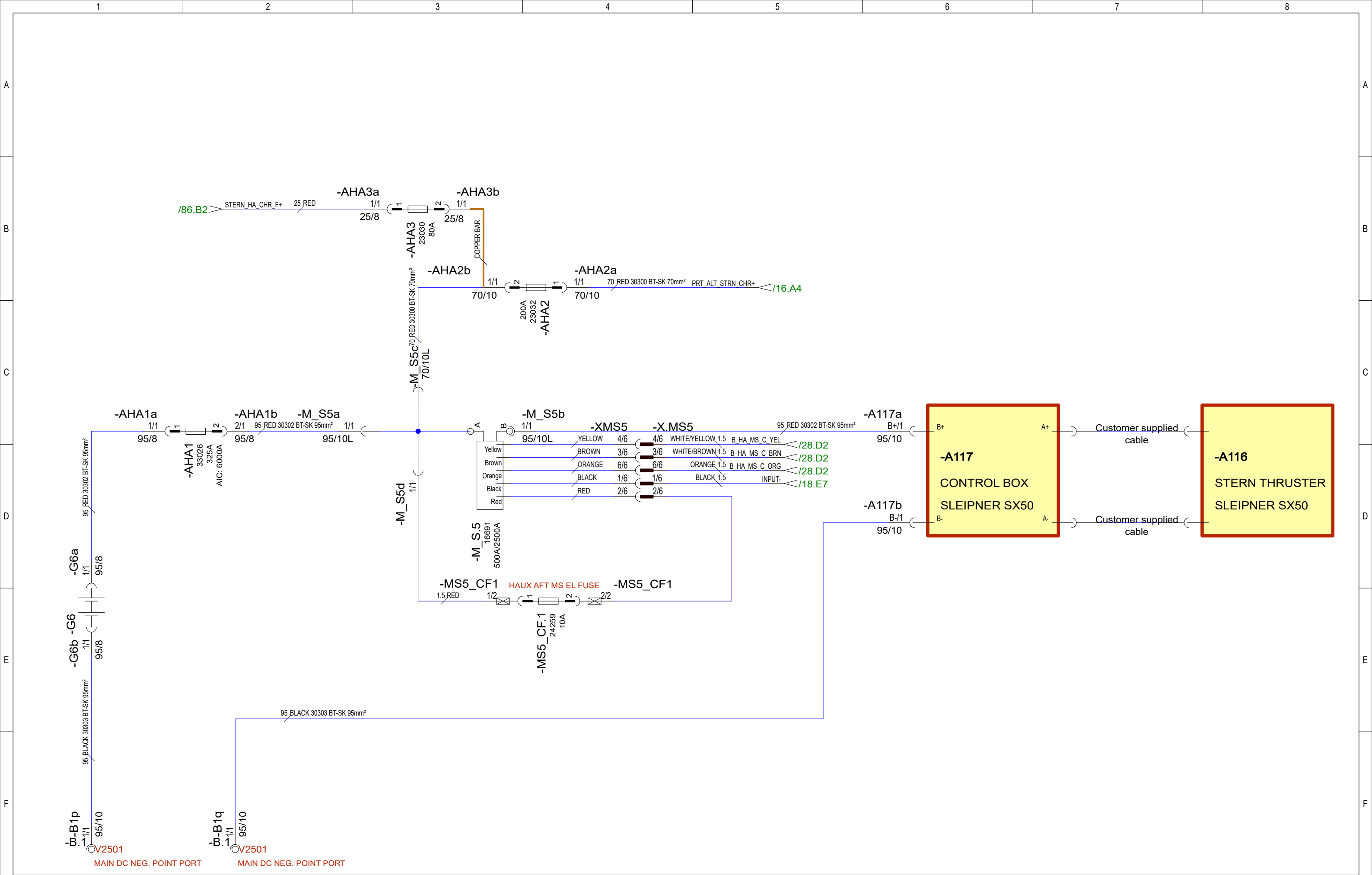
1	2	3	4	5	6	7	8
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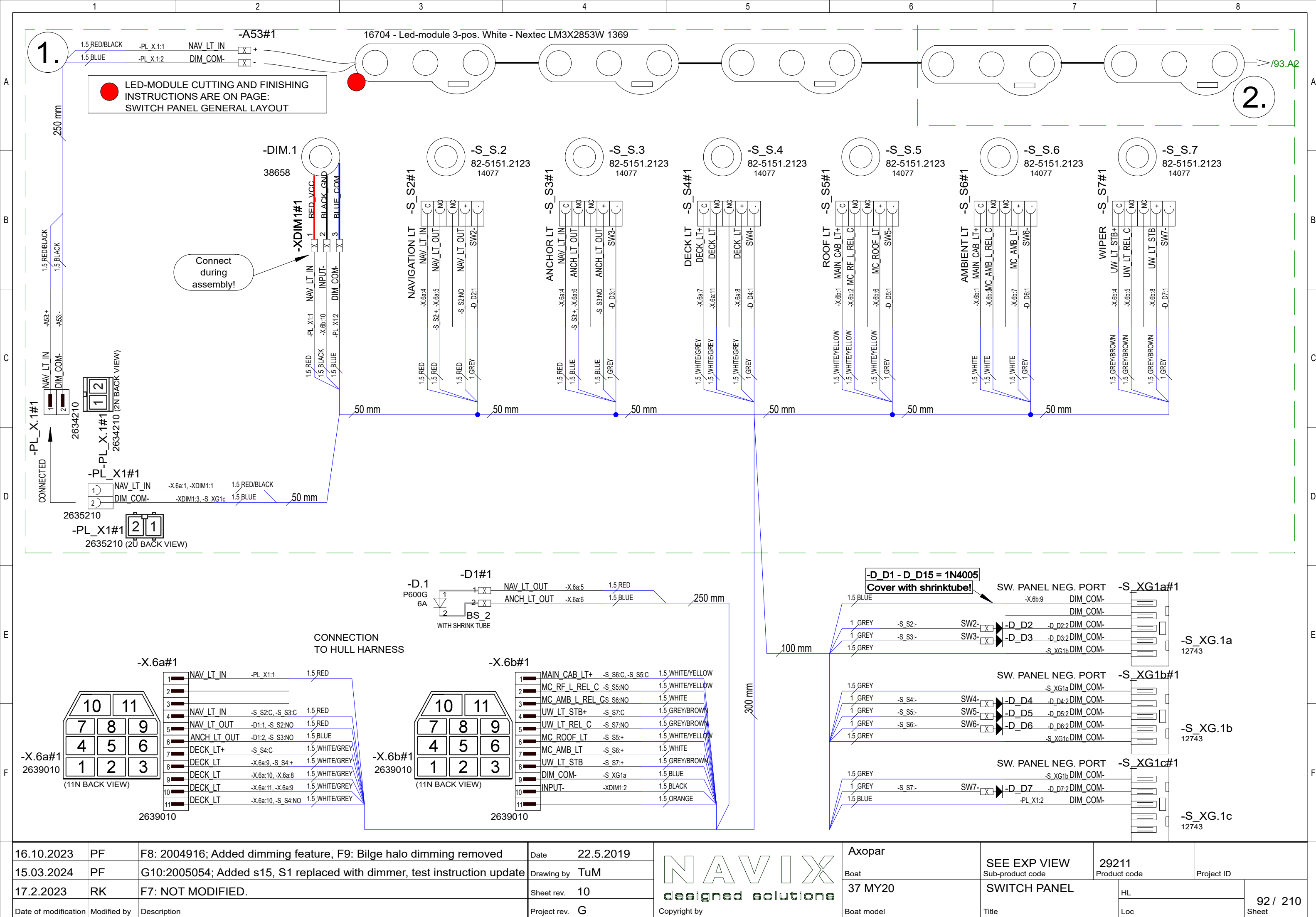
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18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	Copyright by		GAS GRILL - DIAGRAM		HL		88 / 210	
Date of modification	Modified by	Description	Project rev.	G			Boat model	Title	Loc		Sheet	



10.10.2023	PF	F22: 2004916; Not modified	Date	9.2.2023	 Copyright by	Axopar									
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TT		Boat				Sub-product code	Product code	Project ID			
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20 SHADOW	OCTO POWER ZERO EMISSION PWR PACK	HL	90 / 210						
Date of modification	Modified by	Description	Project rev.	G		Boat model		Title		Loc	Sheet				
1		2		3		4		5		6		7		8	



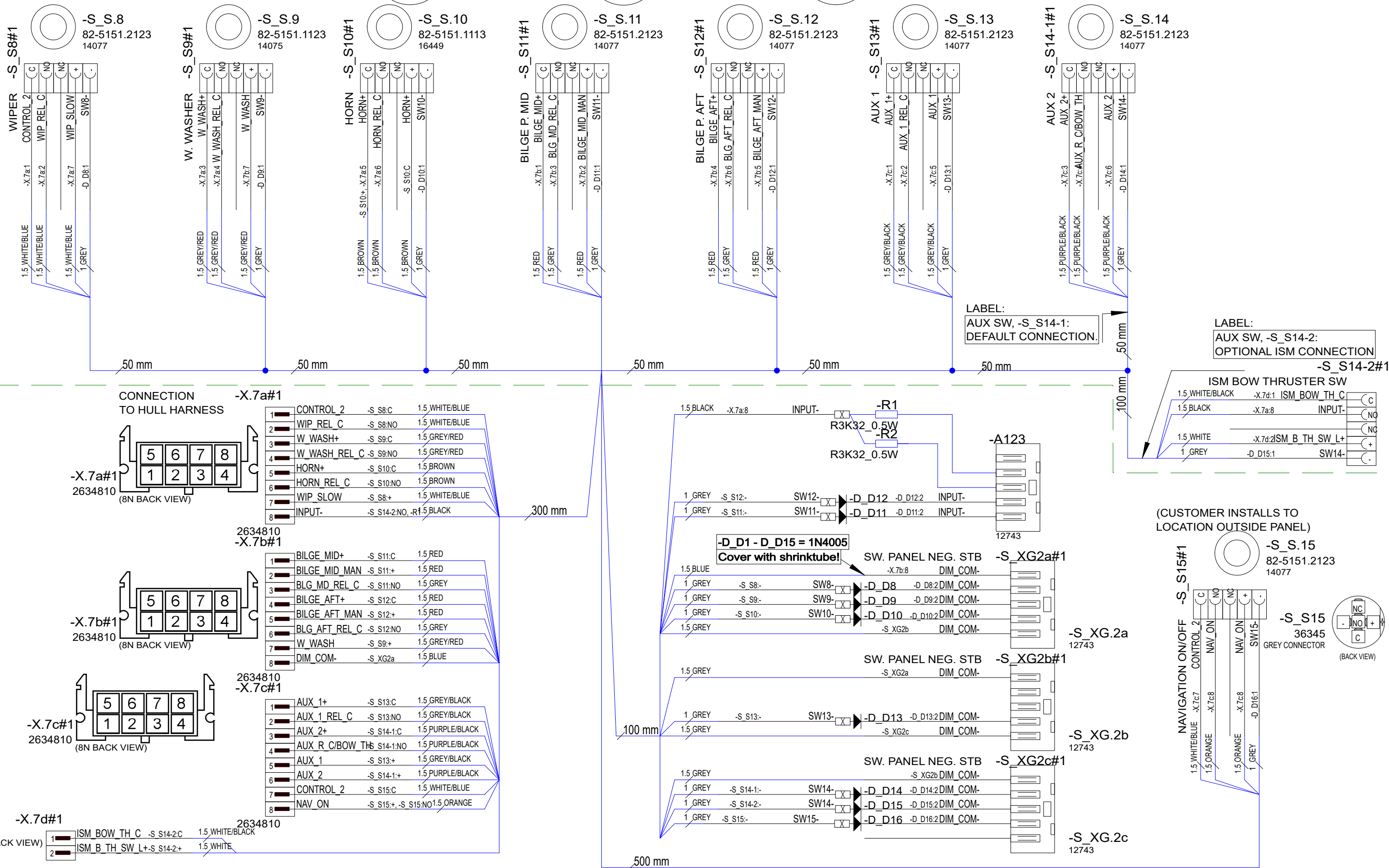
			Date	20.2.2024	Axopar				
8.4.2024	PF	G23; 2005054; Added stern thruster	Drawing by	PF	Boat	37 MY20 SHADOW		Sub-product code	Product code
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	Boat model	STERN THRUSTER - DIAGRAM		HL	91/ 210
Date of modification	Modified by	Description	Project rev.	G		Title		Loc	
1		2		4	5	6	7		8



3.

/92.A8

LED-MODULE CUTTING AND FINISHING
INSTRUCTIONS ARE ON PAGE:
SWITCH PANEL GENERAL LAYOUT



16.10.2023	PF	F8: 2004916; Added dimming feature, F9: Bilge halo dimming removed
15.03.2024	PF	G10:2005054; Added s15, S1 replaced with dimmer, test instruction update
17.2.2023	RK	F7: NOT MODIFIED.
Date of modification	Modified by	Description

Date	22.5.2019
Drawing by	TuM
Sheet rev.	10
Project rev.	G

NAVIX
designed solutions

Copyright by

Axopar

Boat

37 MY20

Boat model

SEE EXP VIEW

Sub-product code

SWITCH PANEL

Title

29211

Product code

HL

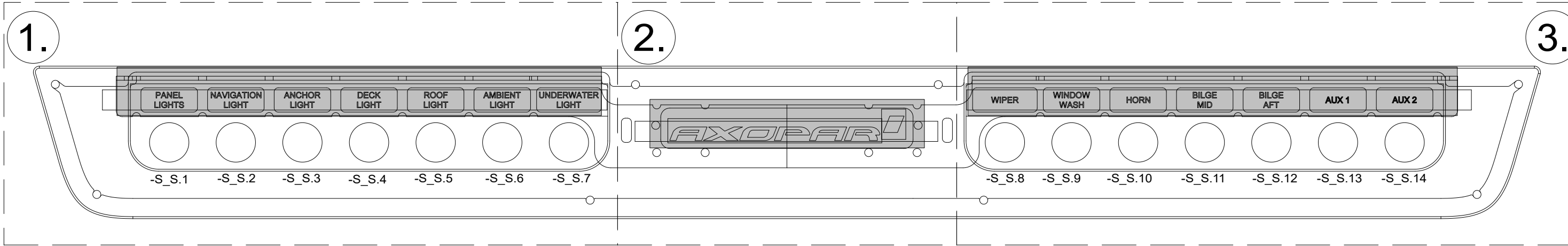
Loc

Project ID

93 / 210

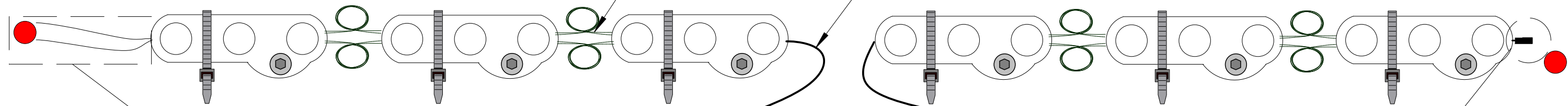
Sheet

SWITCH PANEL GENERAL LAYOUT / LED MODULE CUTTING & FINISHING



16704 - Led-module 3-pos. White - Nextec LM3X2853W 1369

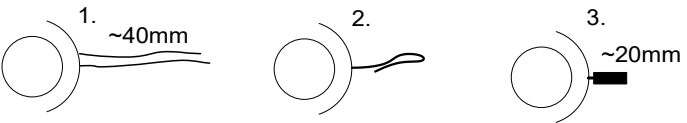
BUNDLE EXTRA WIRING BETWEEN MODULES TO THE LOOPS AND STRING WITH ZIP TIES



CUT LED MODULES INPUT SIDE OF THE WIRES APPROX. 60mm LENGTH (SHOULD BE ABOUT THE CENTER POS. BETWEEN 2 MODULES)

STRIP WIRE ENDS APPROX. 7mm AND CRIMP WIRES TO THE BUTT SPLICE CONNECTORS -A53.

- 1. CUT THE WIRES APPROX. 40mm. (JUST CUT, DO NOT STRIP!)
- 2. BEND THE WIRES TO THE SHAPE OF "U".
- 3. ADD APPROX. 20mm OF HEAT SHRINK TUBE "17418" OVER THE BENDED WIRES.



ATTACH ALL LED MODULES TO THE BRACKET 36371 WITH M3X12 BH HEX BOLT A4, NUT M3 AND 2-SIDED TAPE. ADD CABLE TIE. SEE ALSO EXP. VIEW

TURN THE ENDS OF CABLE TIES TOWARDS TO THE PANEL!

NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS SHOWN IN EXAMPLE BELOW.

EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.

R2 ISO 6722 100V AWG16 +100 C

EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

MARKING

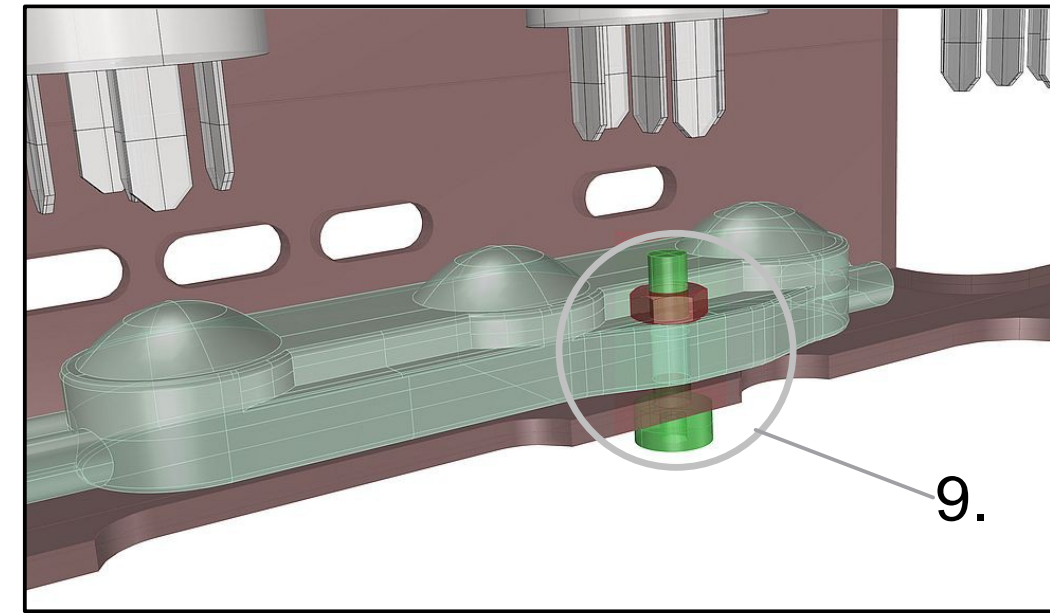
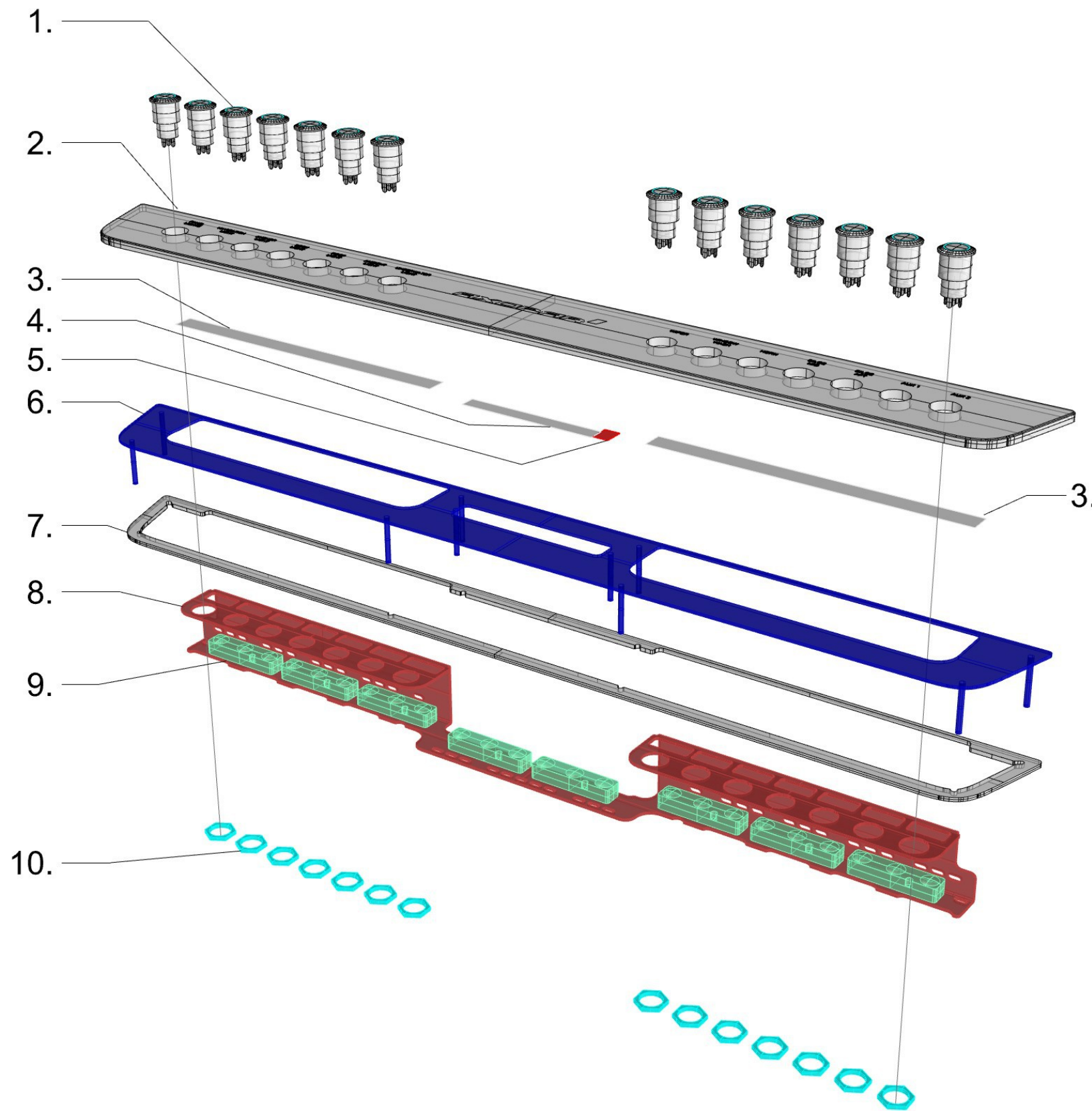
CABLE

HOW TO BUNDLE EXTRA WIRING BETWEEN MODULES TO THE LOOPS AND STRING WITH ZIP TIES



16.10.2023	PF	F8: 2004916; Added dimming feature, F9: Bilge halo dimming removed	Date	22.5.2019	NAVIX designed solutions	Axopar	SEE EXP VIEW Sub-product code	29211 Product code	Project ID
15.03.2024	PF	G10:2005054; Added s15, S1 replaced with dimmer, test instruction update	Drawing by	TuM					
17.2.2023	RK	F7: NOT MODIFIED.	Sheet rev.	10					
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	HL	94 / 210
1	2	3	4	5	6	7	8	9	10

29211_AXOPAR_37_MY20_SWITCH_PANEL



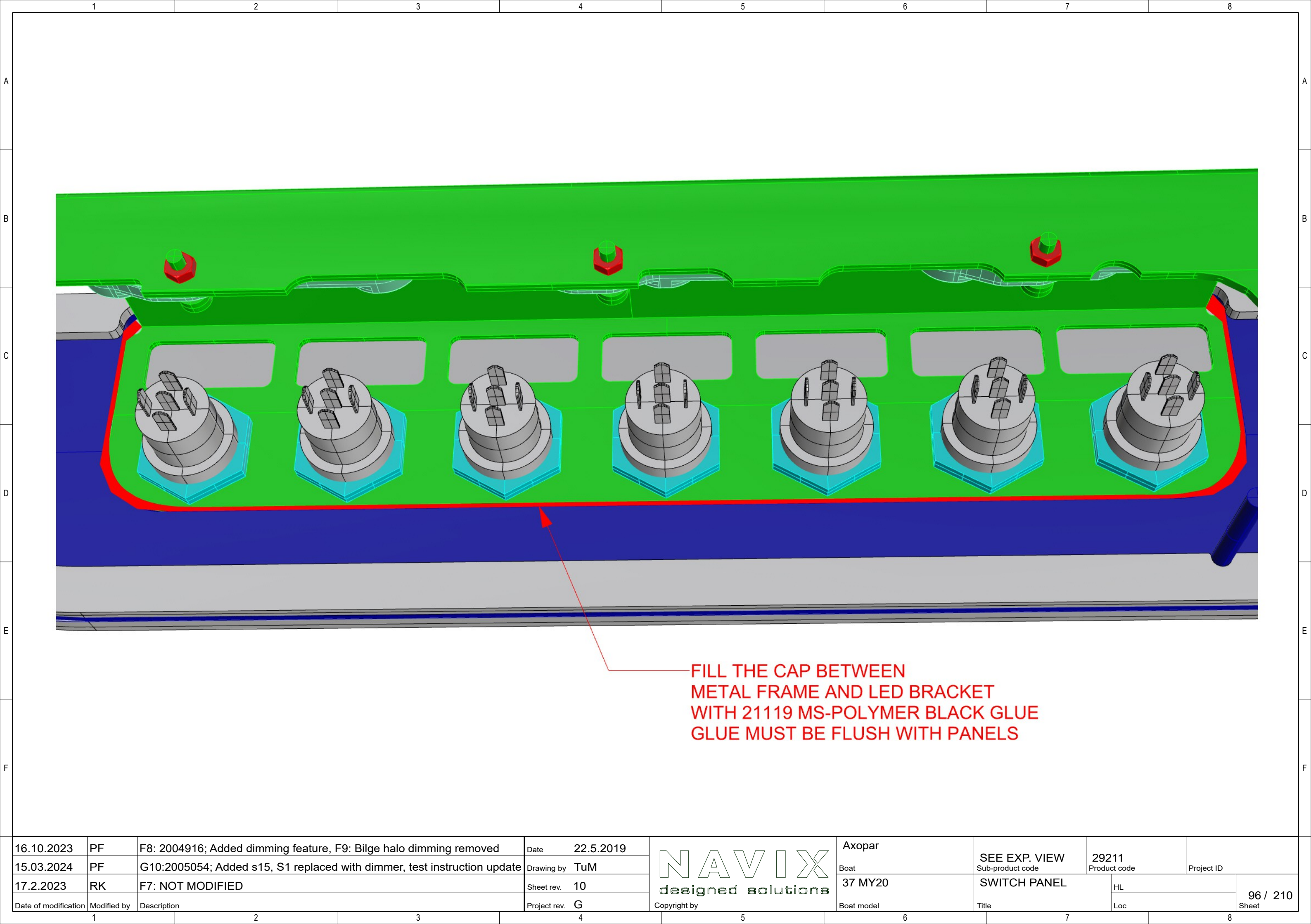
29211_AXOPAR_37_MY20_SWITCH_PANEL

1. 14PCS HALO SWITCH (AS IN DIAGRAM)
2. 1PCS 29767_AXOPAR_37_MY20_ACRYL_SWITCH_PANEL_(WOC)
3. 2PCS 29771_AXOPAR_37_MY20_SWITCH_PANEL_TEXT_STICKER (PLACE BEHIND THE TEXT AREA IN 29767)
4. 1PC 23722_AXOPAR_28_SWITCH_PANEL_LOGO_WHITE_STICKER (PLACE BEHIND THE TEXT AREA IN 29767)
5. 1PC 23723_AXOPAR_28_SWITCH_PANEL_LOGO_RED_STICKER (PLACE BEHIND THE TEXT AREA IN 29767)
6. 1PC 29768_AXOPAR_37_MY20_SWITCH_PANEL_METAL_BACK_FRAME ATTACH TO 29767 WITH BLACK MS-POLYMER GLUE
7. 1PC 29769_AXOPAR_37_MY20_SWITCH_PANEL_GASKET_(WOC) GLUE WITH 2-SIDED TAPE TO THE BACKSIDE OF 29768
8. 1PC 36371_AXOPAR_SWITCH_PANEL_LED_MODULE_BRACKET_(WOC)
9. 8PCS 16704 LED MODULE WHITE ATTATCH TO 36371 WITH M3X12 BH HEX BOLT A4 AND NUT ATTACH TO BRACKET WITH CABLE TIES AND 2-SIDED TAPE
10. 14PCS HALO SWITCH NUT

TE 20.05.2019
TE 11.09.2019
JSC 18.10.2019
MN 18.11.2019
TE 11.01.2022
HL 11.03.2022

EXP VIEW

16.10.2023	PF	F8: 2004916; Added dimming feature, F9: Bilge halo dimming removed	Date	22.5.2019	NAVIX designed solutions	Axopar	SEE EXP VIEW	29211	Project ID
15.03.2024	PF	G10:2005054; Added s15, S1 replaced with dimmer, test instruction update	Drawing by	TuM		Boat	Sub-product code	Product code	
17.2.2023	RK	F7: NOT MODIFIED.	Sheet rev.	10		37 MY20	SWITCH PANEL	HL	
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc	
1	2	3	4	5	6	7	8	95 / 210	Sheet



FILL THE GAP BETWEEN
METAL FRAME AND LED BRACKET
WITH 21119 MS-POLYMER BLACK GLUE
GLUE MUST BE FLUSH WITH PANELS

16.10.2023	PF	F8: 2004916; Added dimming feature, F9: Bilge halo dimming removed	Date	22.5.2019	NAVIX designed solutions	Axopar	SEE EXP. VIEW	29211	Project ID
15.03.2024	PF	G10:2005054; Added s15, S1 replaced with dimmer, test instruction update	Drawing by	TuM		Boat	Sub-product code	Product code	
17.2.2023	RK	F7: NOT MODIFIED	Sheet rev.	10		37 MY20	SWITCH PANEL	HL	
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	96 / 210 Sheet

Axopar 37 MY20 SWITCH PANEL 29211 INSPECTION SHEET

PRUDUCT LABEL

TEST

- 1) S2, S3, S4 should be pressed. No other buttons may be pressed during entire test. Power source off.
- 2) Connect -X.6b/9 and -X.7b/8 with a wire.
- 3) Connect positive (+12V) to connectors listed below
- 4) Connect negative (-) to -X.6b/10 and -X.7a/8. Turn power on.
- 5) Observe, change brightness and turn on/off by pressing DIM1. Panel lights and switch halos must illuminate. S11 and S12 should illuminate constantly with full brightness, all other lights should turn on/off/dim from DIM1.

Connect positive (+)
X.6a/1
X.6a/4
X.6a/7
X.6b/6
X.6b/7
X.6b/8
X.7a/7
X.7b/7
X.7a/5
X.7b/2
X.7b/5
X.7c/5
X.7c/6
X.7d/2

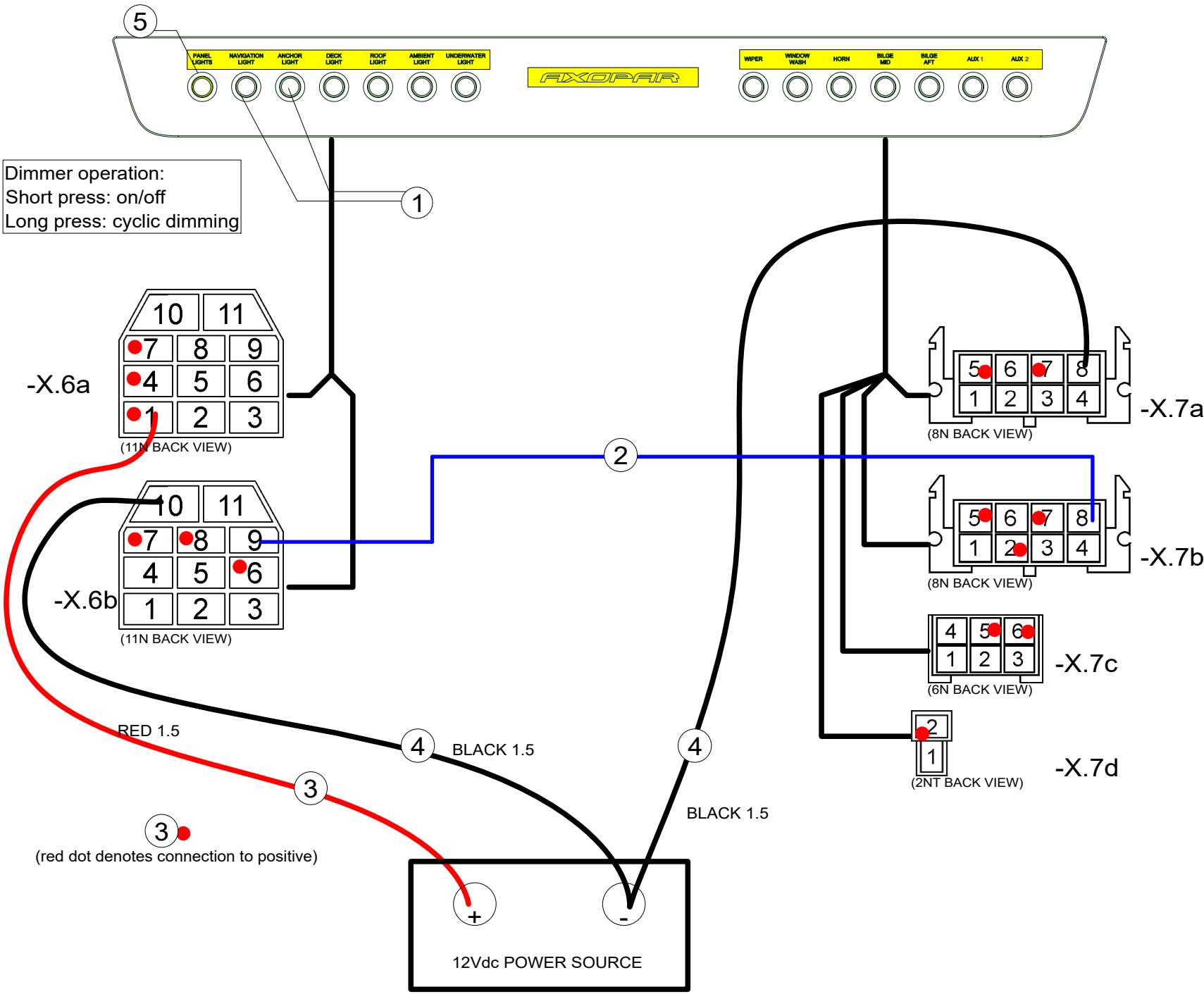
Connect negative (-)
X.6b/10
X.7a/8

PASS / FAIL

DATE

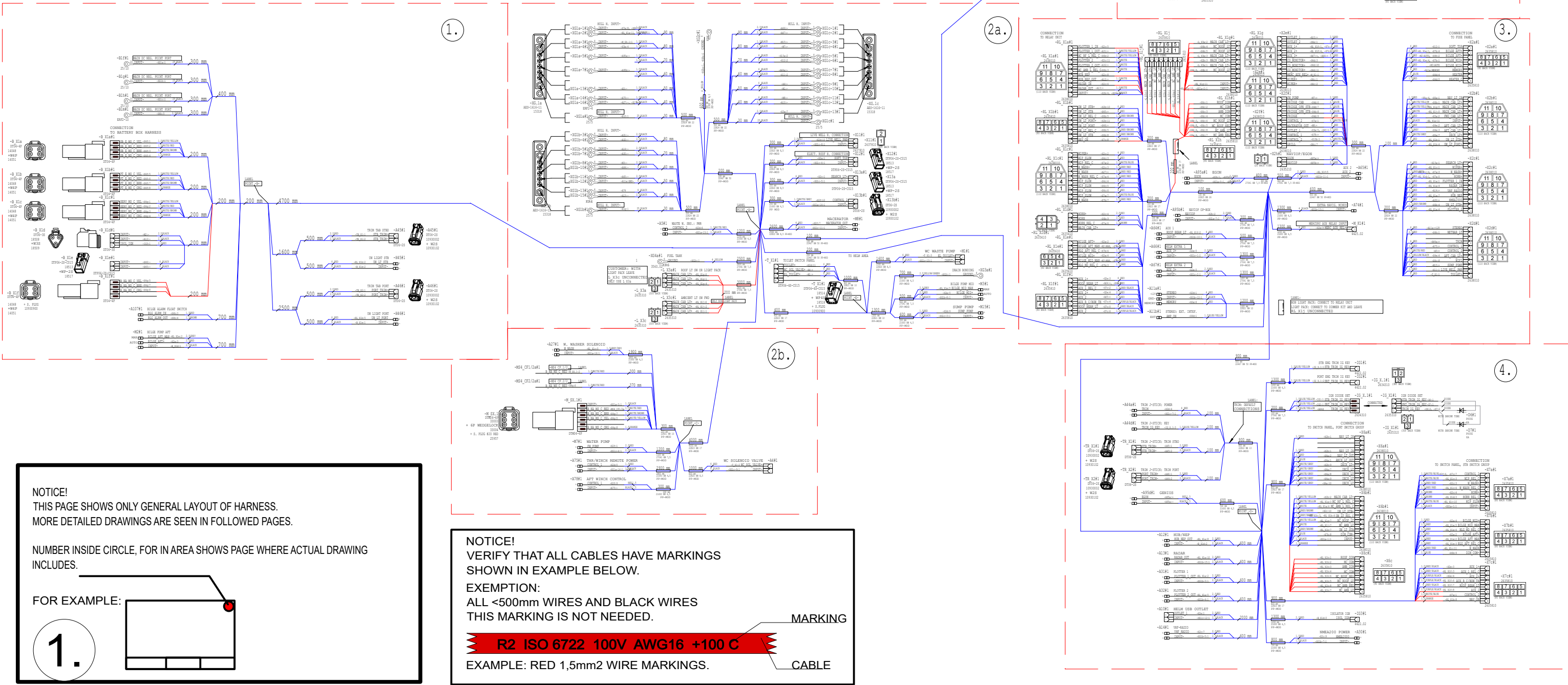
TESTED BY

TEST INSTRUCTIONS

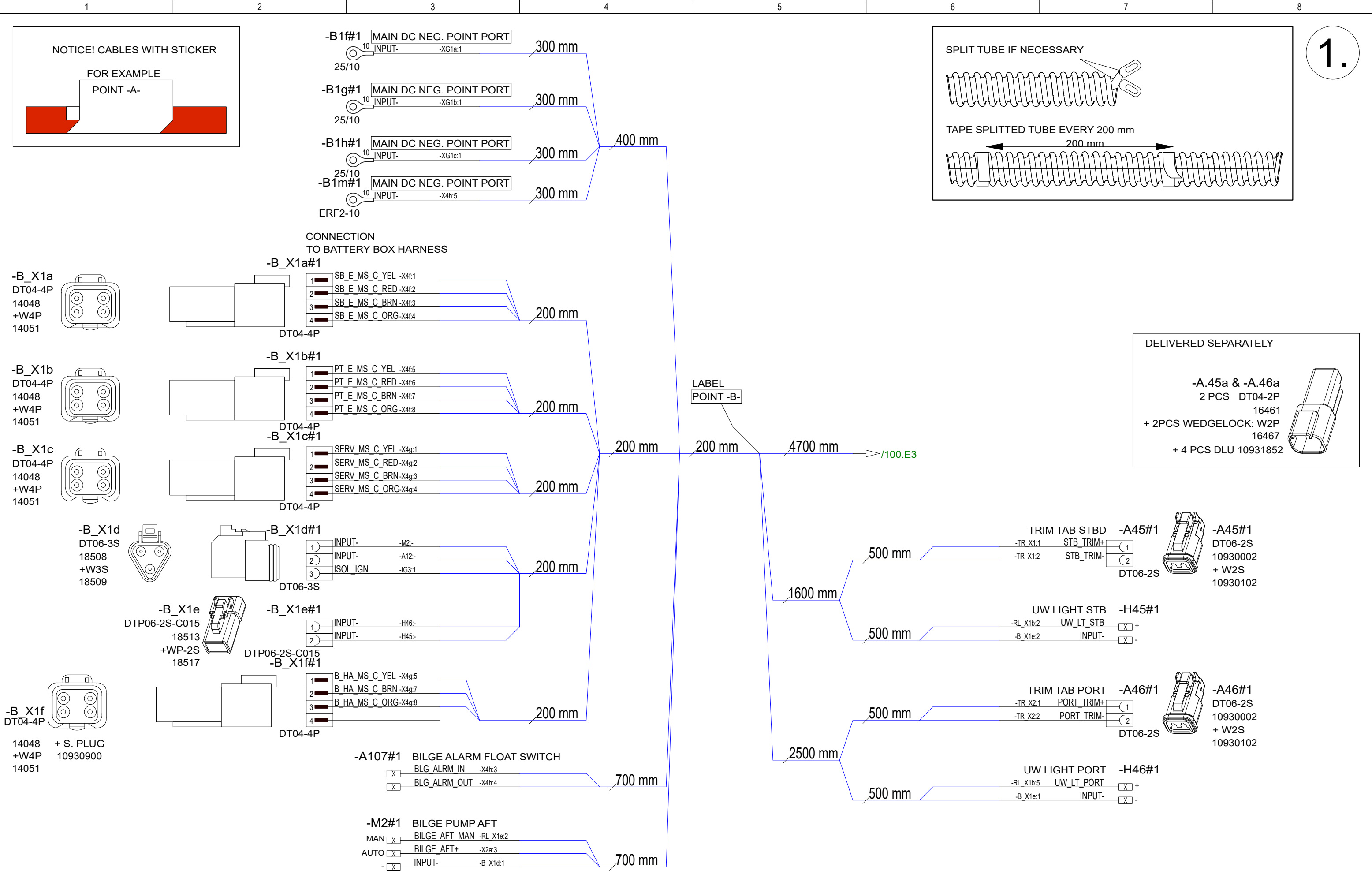


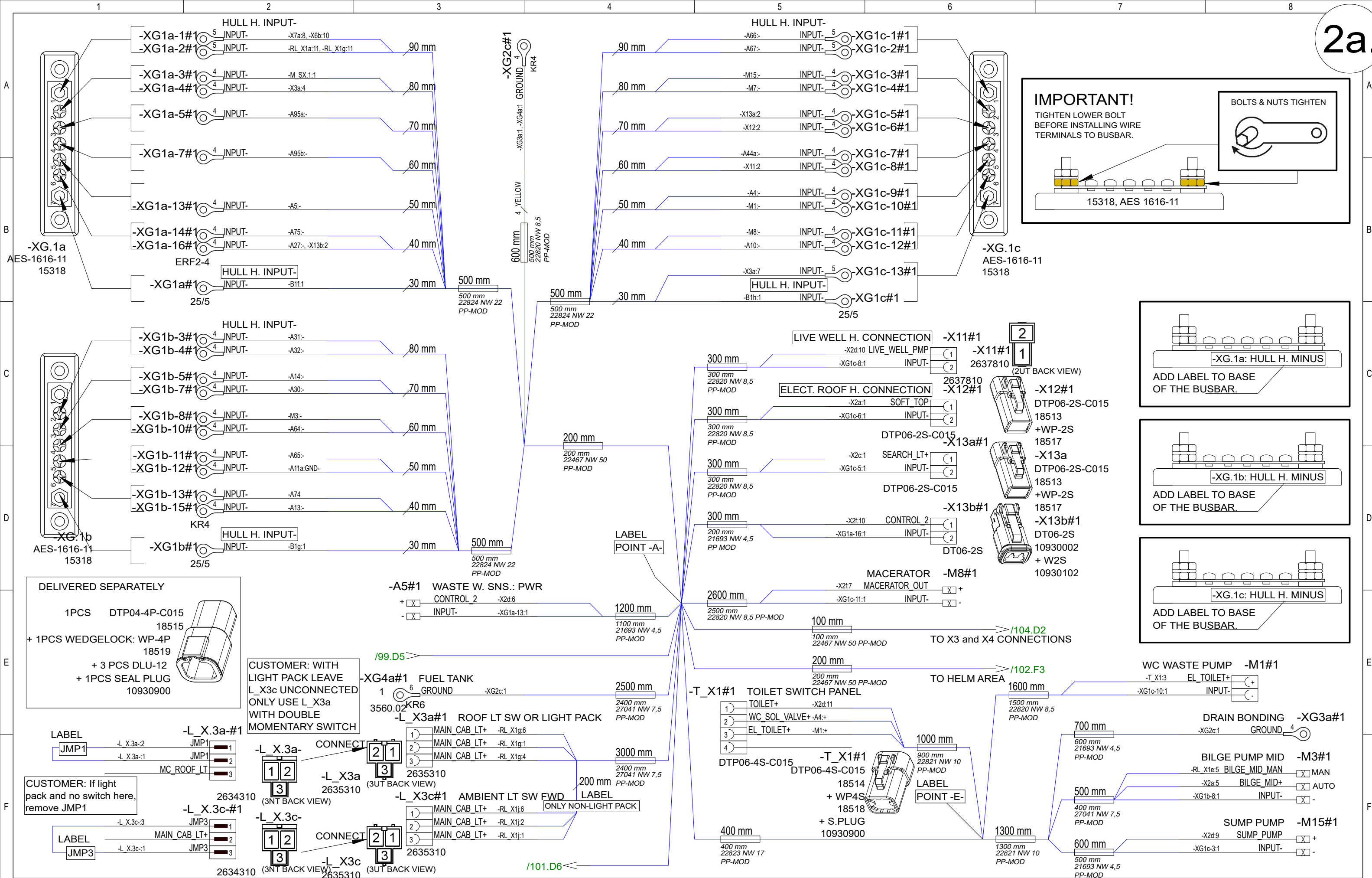
16.10.2023	PF	F8: 2004916; Added dimming feature, F9: Bilge halo dimming removed	Date	22.5.2019	NAVIX designed solutions Copyright by	Axopar	SEE EXP VIEW	29211	Project ID
15.03.2024	PF	G10:2005054; Added s15, S1 replaced with dimmer, test instruction update	Drawing by	TuM		Boat	Sub-product code	Product code	
17.2.2023	RK	F7: NOT MODIFIED.	Sheet rev.	10		37 MY20	SWITCH PANEL	HL	
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc	
1	2	3	4	5	6	7	8	9	97 / 210 Sheet

HARNESS GENERAL LAYOUT

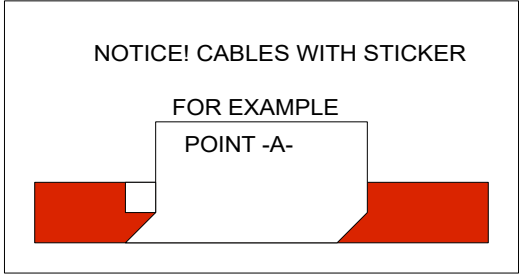
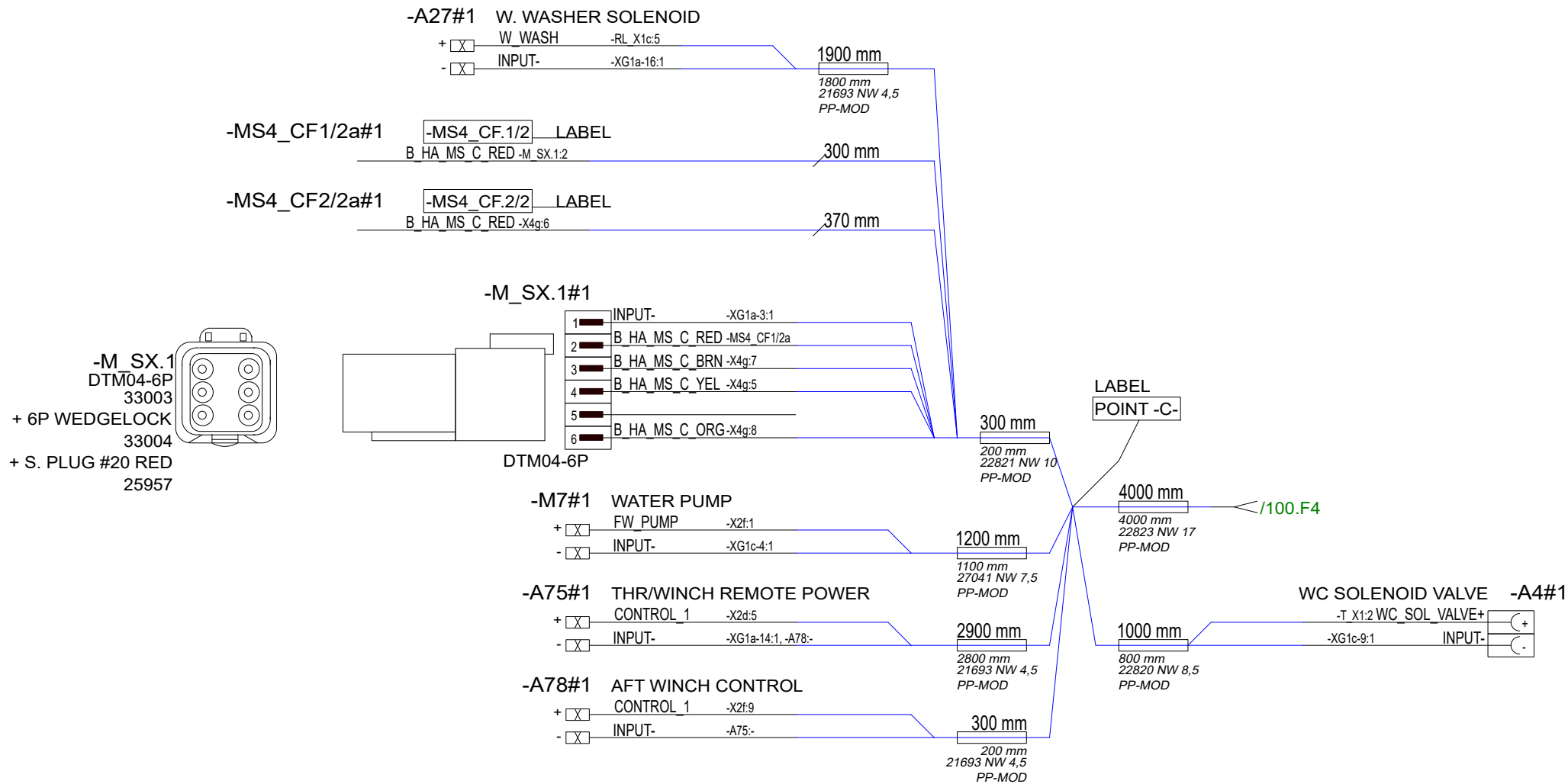
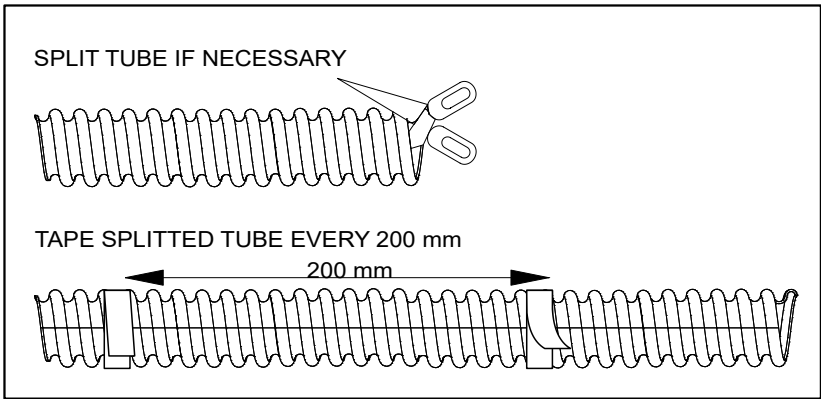


16.10.2023	PF	F11: 2004916; Added X4j & DIM_COM- wire	Date	20.5.2019	NAVIX designed solutions Copyright by	Axopar	Sub-product code HULL HARNESS	29585 Product code	Project ID	98 / 210 Sheet
11.3.2024	PF	G12: 2005054; Added/mod connections to deck h., rel. unit, lt switches, swp	Drawing by	TuM		Boat				
17.2.2023	RK	F10: SEVERAL MODIFICATIONS.	Sheet rev.	12		37 MY20				
Date of modification	Modified by	Description	Project rev.	G		Boat model				
1		2	3	4	5	6	7	8		





16.10.2023	PF	F11: 2004916; Added X4j & DIM_COM- wire	Date	20.5.2019	NAVIX designed solutions Copyright by	Axopar		29585	Project ID
11.3.2024	PF	G12: 2005054; Added/mod connections to deck h., rel. unit, lt switches, swp	Drawing by	TuM		Boat			
17.2.2023	RK	F10: SEVERAL MODIFICATIONS.	Sheet rev.	12		37 MY20	HULL HARNESS	HL	100 / 210 Sheet
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc	



16.10.2023	PF	F11: 2004916; Added X4j & DIM_COM- wire	Date	31.08.2020	Axopar					
11.3.2024	PF	G12: 2005054; Added/mod connections to deck h., rel. unit, lt switches, swp	Drawing by	TuM	Boat		Sub-product code		29585	
17.2.2023	RK	F10: SEVERAL MODIFICATIONS.	Sheet rev.	12	37 MY20		HULL HARNESS		HL	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc	
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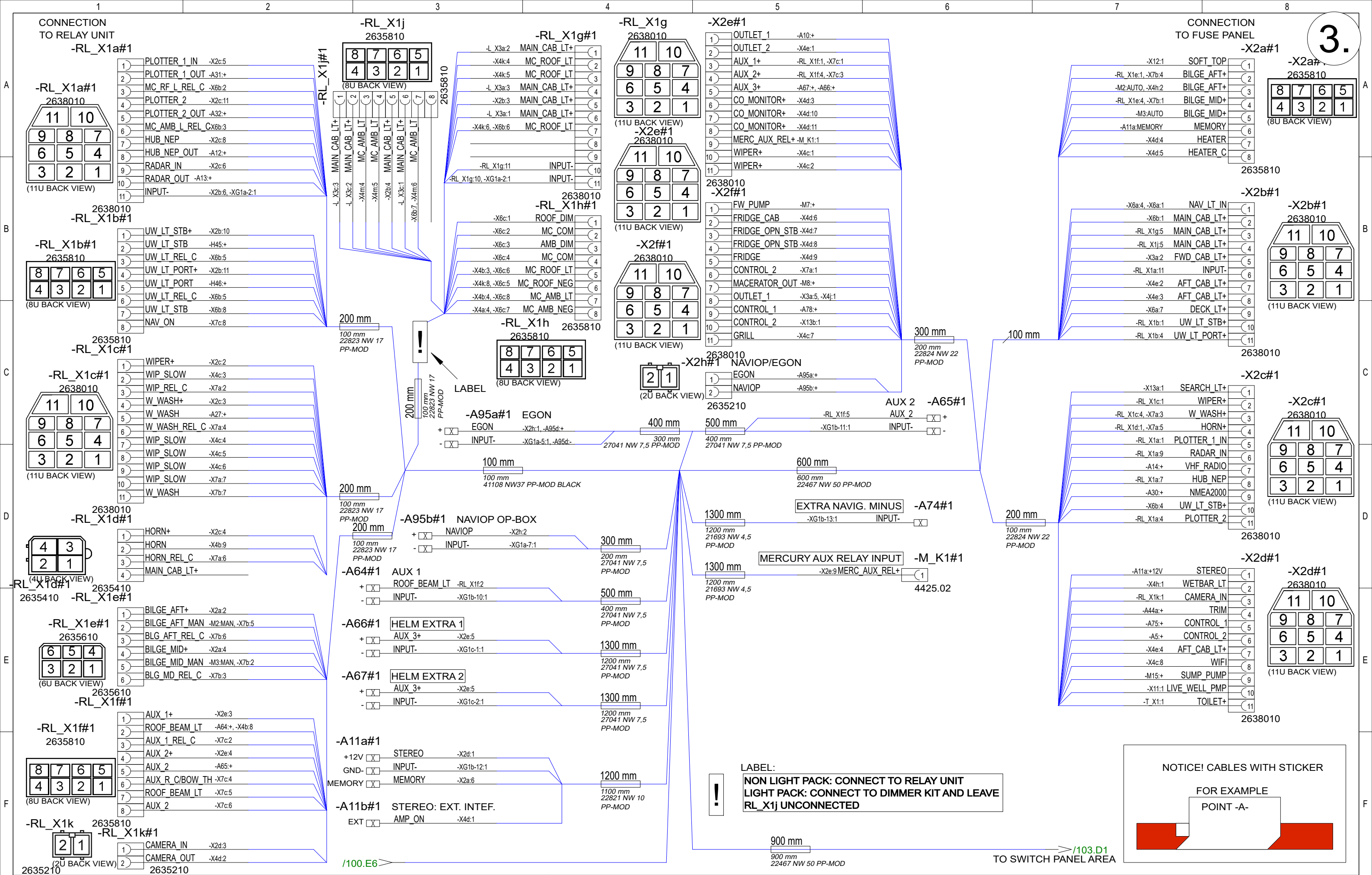
NAVIX

designed solutions

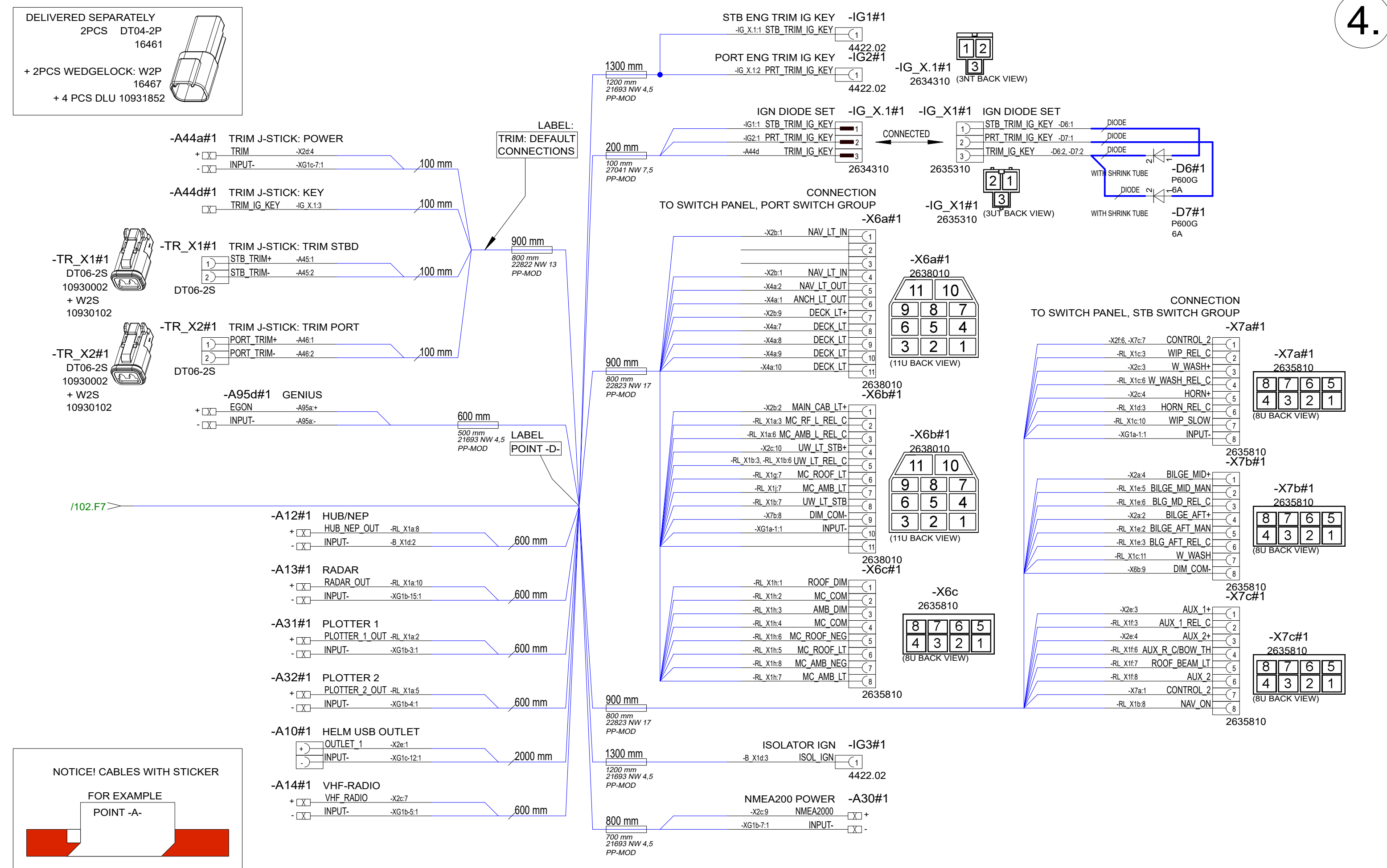
Copyright by

101/ 210

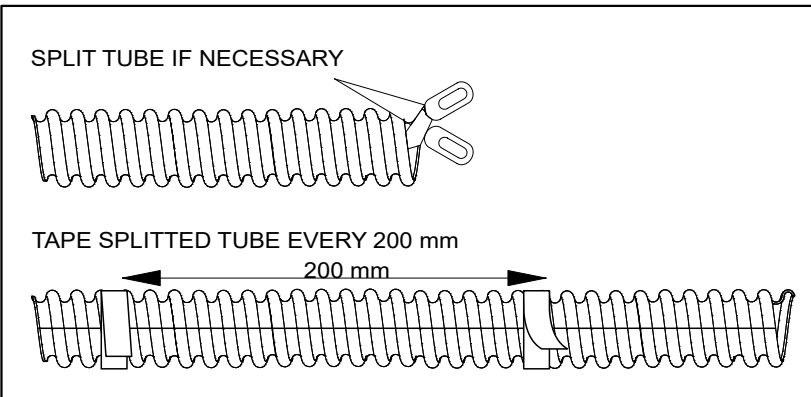
Sheet



16.10.2023	PF	F11: 2004916; Added X4j & DIM_COM- wire	Date	20.5.2019	Axopar		29585			
11.3.2024	PF	G12: 2005054; Added/mod connections to deck h., rel. unit, lt switches, swp	Drawing by	TuM	Boat		Sub-product code		Product code	
17.2.2023	RK	F10: SEVERAL MODIFICATIONS.	Sheet rev.	12	37 MY20		HULL HARNESS		HL	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc	
1	2	3	4	5	6		7		8	
					Copyright by				102 / 210	
					NAVIX				Sheet	
					designed solutions					

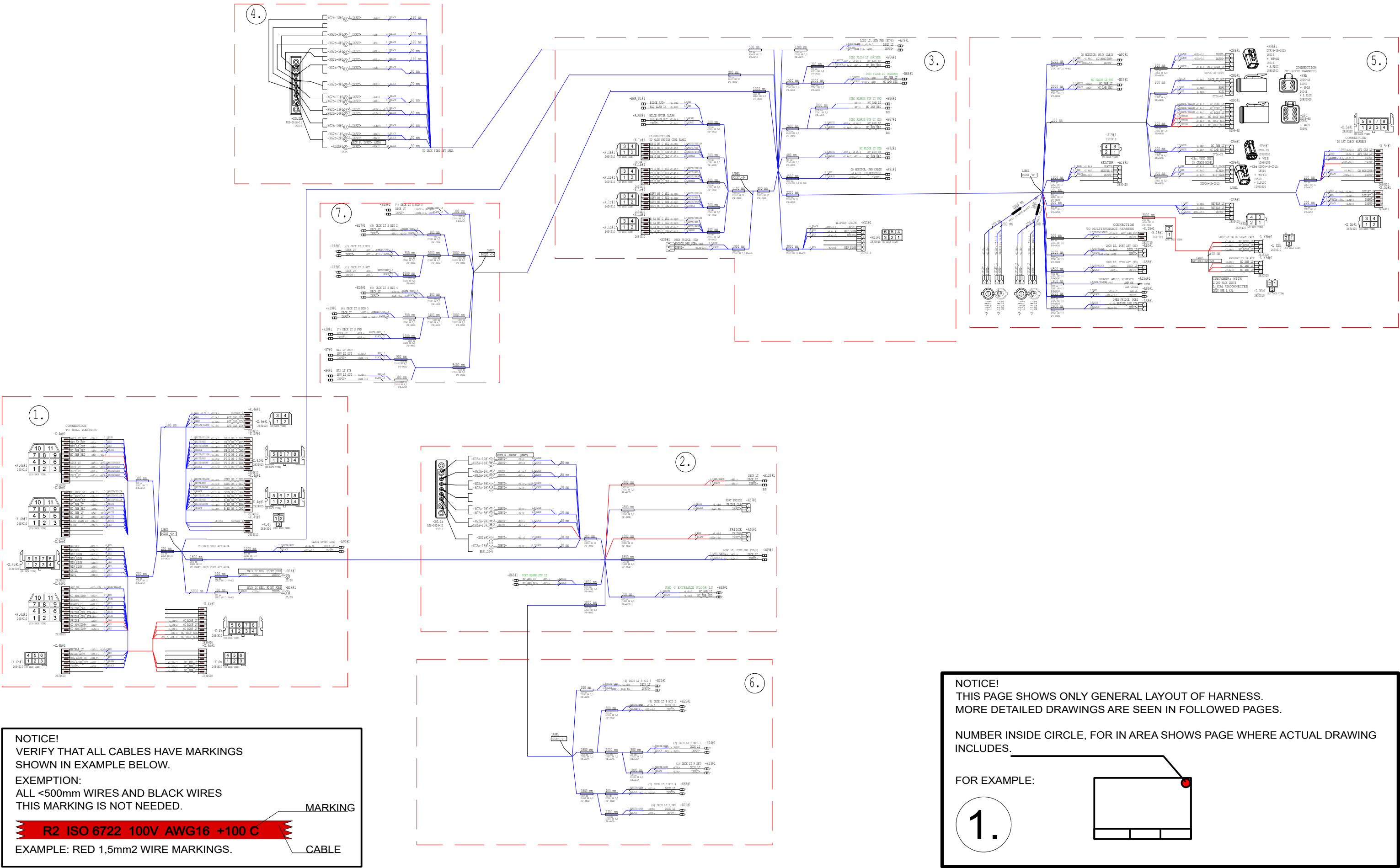


16.10.2023	PF	F11: 2004916; Added X4j & DIM_COM- wire	Date	20.5.2019	 Copyright by	Axopar							
11.3.2024	PF	G12: 2005054; Added/mod connections to deck h., rel. unit, lt switches, swp	Drawing by	TuM		Boat	Sub-product code		29585 Product code		Project ID		
17.2.2023	RK	F10: SEVERAL MODIFICATIONS.	Sheet rev.	12		37 MY20	HULL HARNESS		HL		103 / 210 Sheet		
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title		Loc				

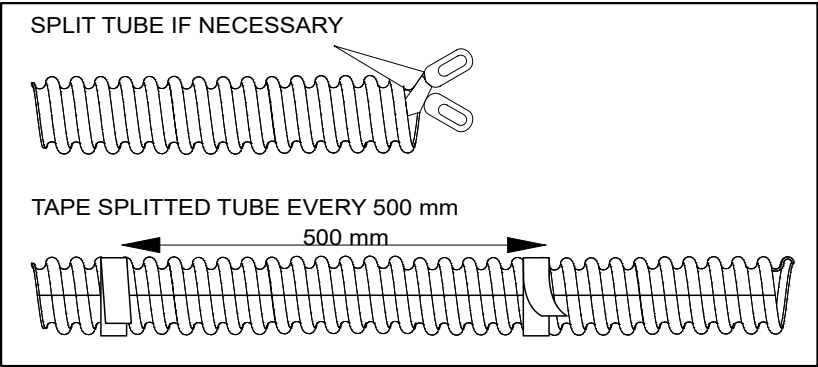
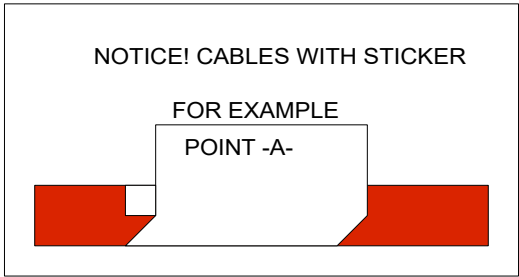
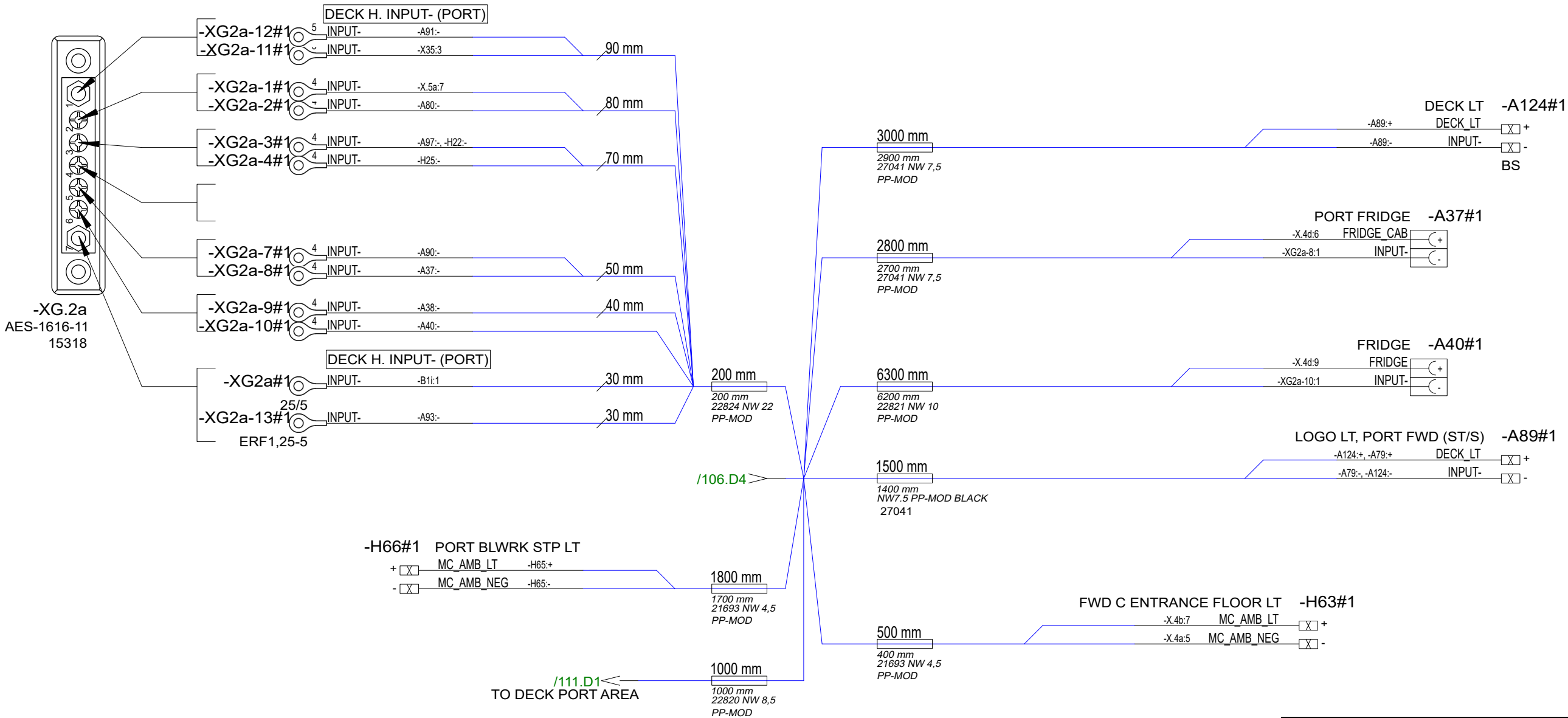
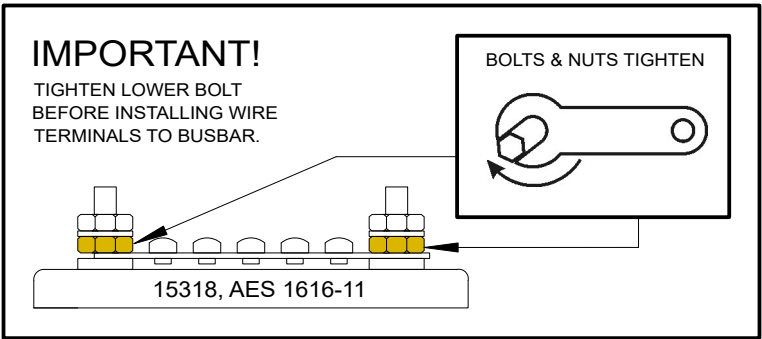
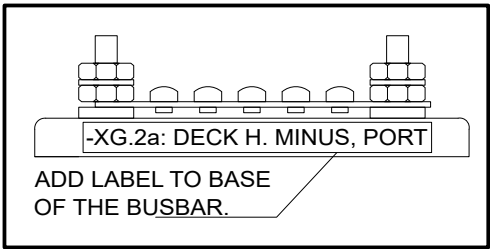


NAVIX
designed solutions
Copyright by

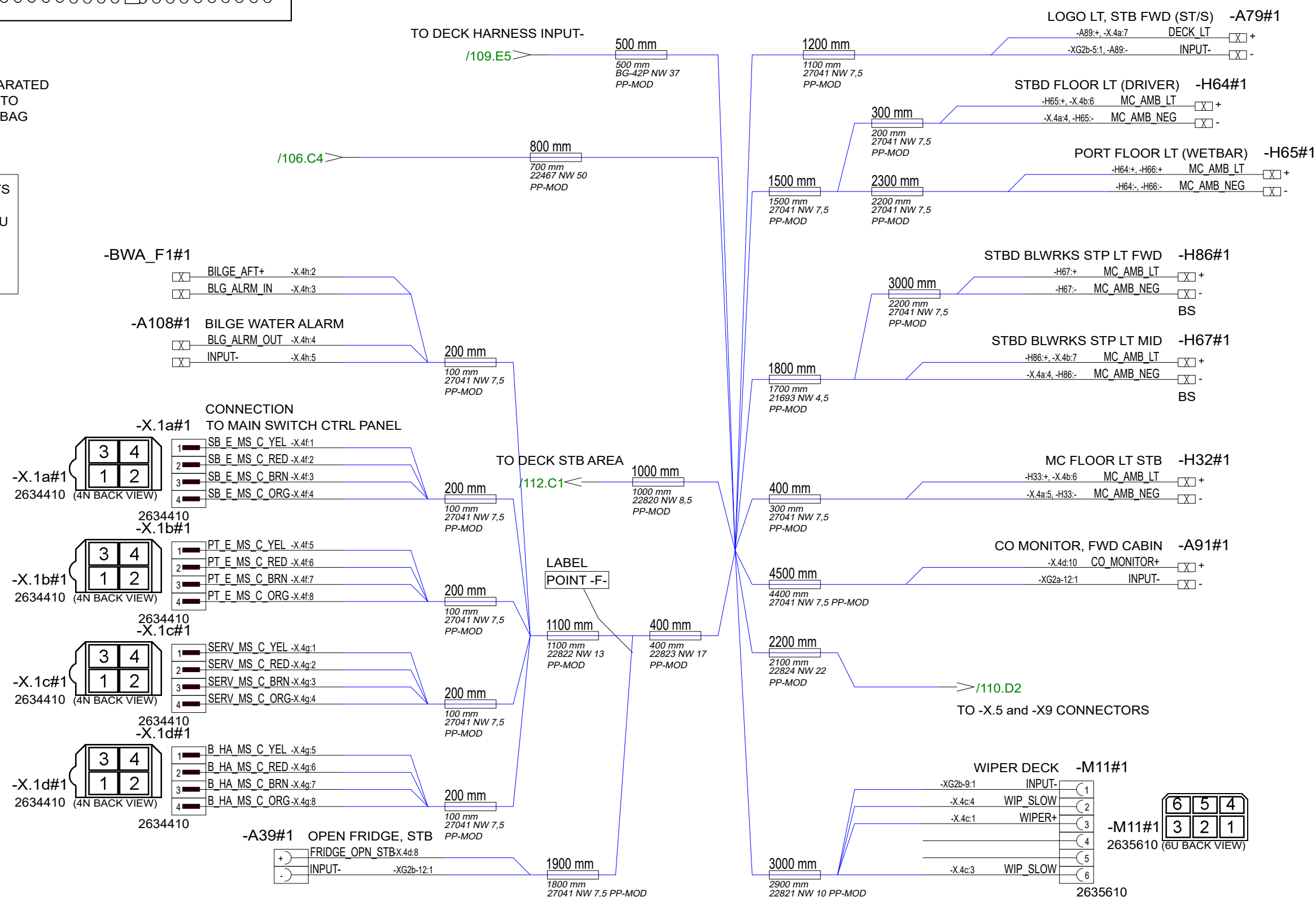
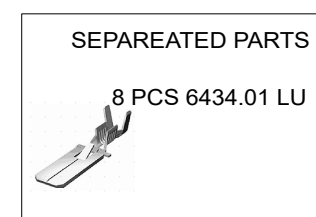
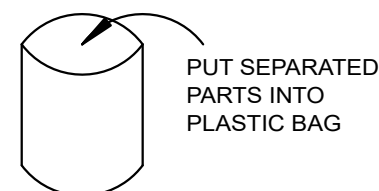
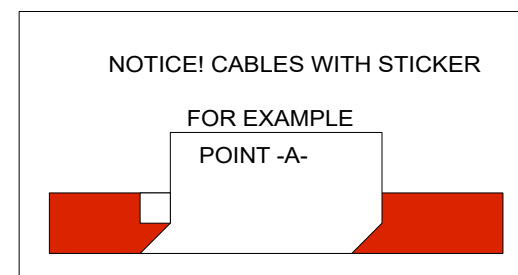
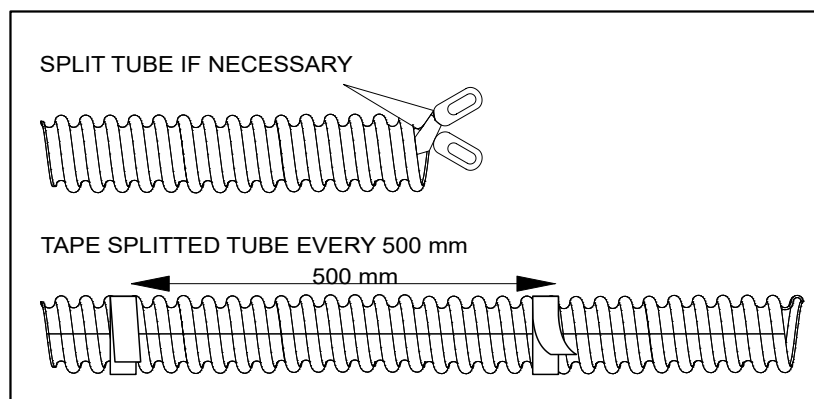
HARNESS GENERAL LAYOUT



16.10.2023	TT	F10: 2004916; Added outlets A111-A114 & X4j	Date	20.5.2019	NAVIX designed solutions Copyright by	Axopar		Sub-product code	29586		Project ID	
11.3.2024	PF	G11: 2005054; Logo It supply to deck It, flir, light pack	Drawing by	TuM		Boat	37 MY20		Product code	HL		
30.7.2024	PF	G12: 2005139; A114+1m, LS jumps, camera feed	Sheet rev.	12		Boat model	DECK HARNESS	105 / 210				
Date of modification	Modified by	Description	Project rev.	G				Title	Loc Sheet			



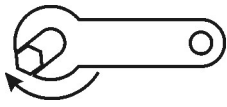
16.10.2023	TT	F10; 2004916; Added outlets A111-A114 & X4j	Date	17.5.2019	NAVIX designed solutions Copyright by	Axopar		29586		107 / 210
11.3.2024	PF	G11: 2005054; Logo It supply to deck It, flir, light pack	Drawing by	TuM		Boat				
30.7.2024	PF	G12: 2005139; A114+1m, LS jumps, camera feed	Sheet rev.	12		37 MY20	DECK HARNESS	HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc	Sheet	

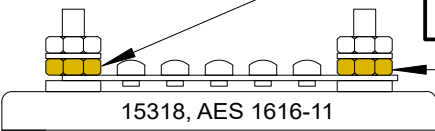


16.10.2023	TT	F10; 2004916; Added outlets A111-A114 & X4j	Date	17.5.2019	NAVIX designed solutions Copyright by	Axopar	Boat	Sub-product code	29586		Project ID
11.3.2024	PF	G11: 2005054; Logo It supply to deck It, flir, light pack	Drawing by	TuM		Product code					
30.7.2024	PF	G12: 2005139; A114+1m, LS jumps, camera feed	Sheet rev.	12		37 MY20	DECK HARNESS		HL		108 / 210
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc		Sheet	

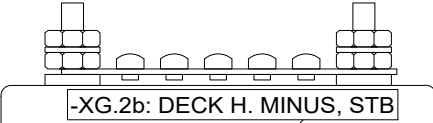
IMPORTANT!
TIGHTEN LOWER BOLT
BEFORE INSTALLING WIRE
TERMINALS TO BUSBAR.

BOLTS & NUTS TIGHTEN



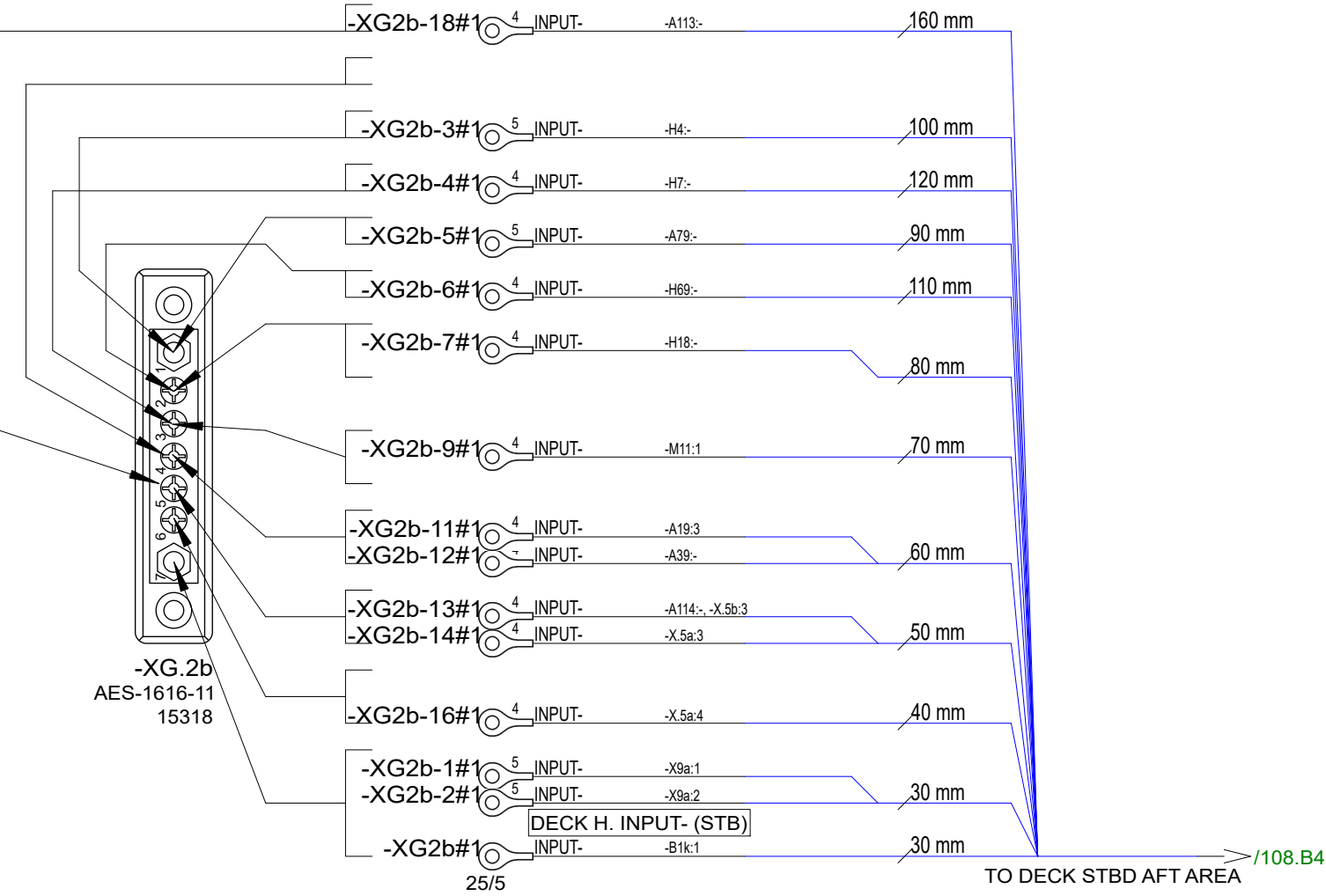


15318, AES 1616-11

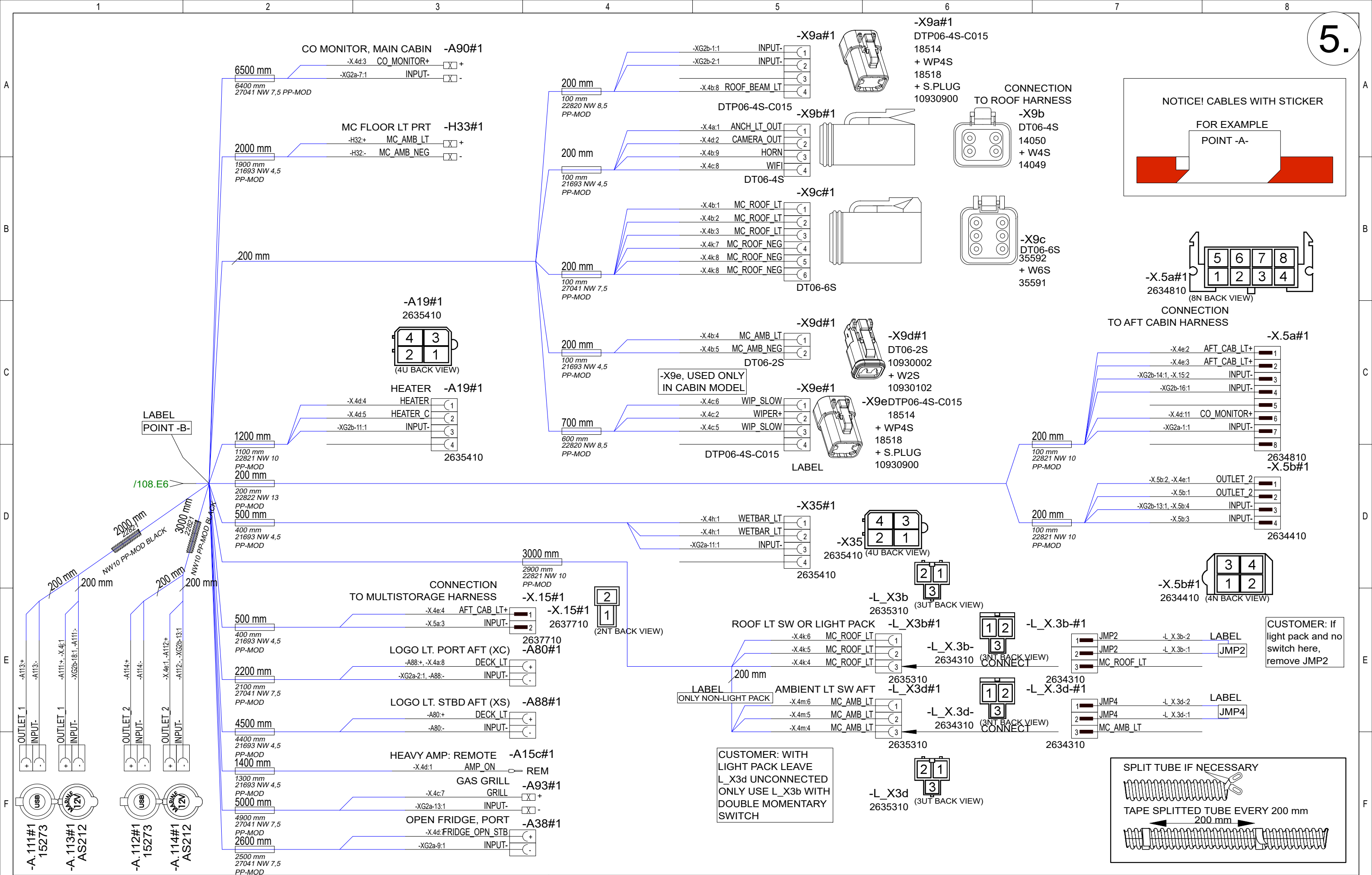


-XG.2b: DECK H. MINUS, STB

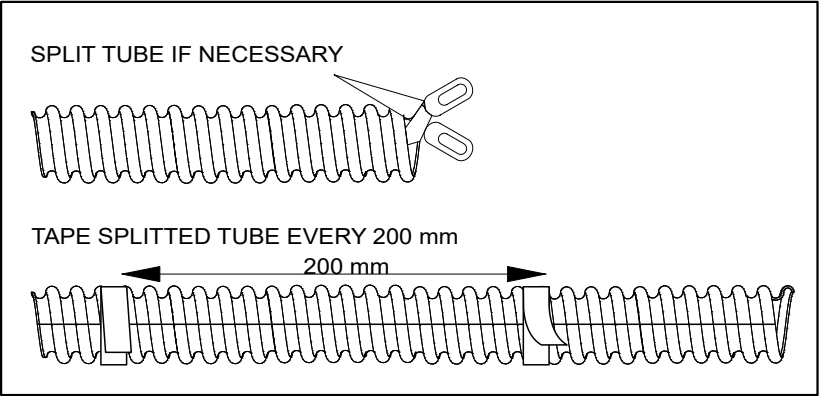
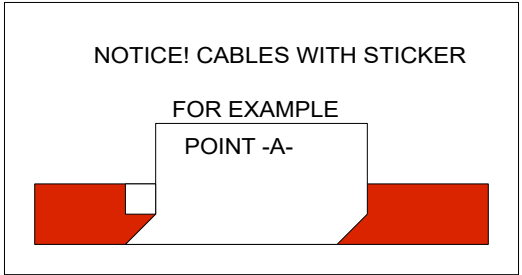
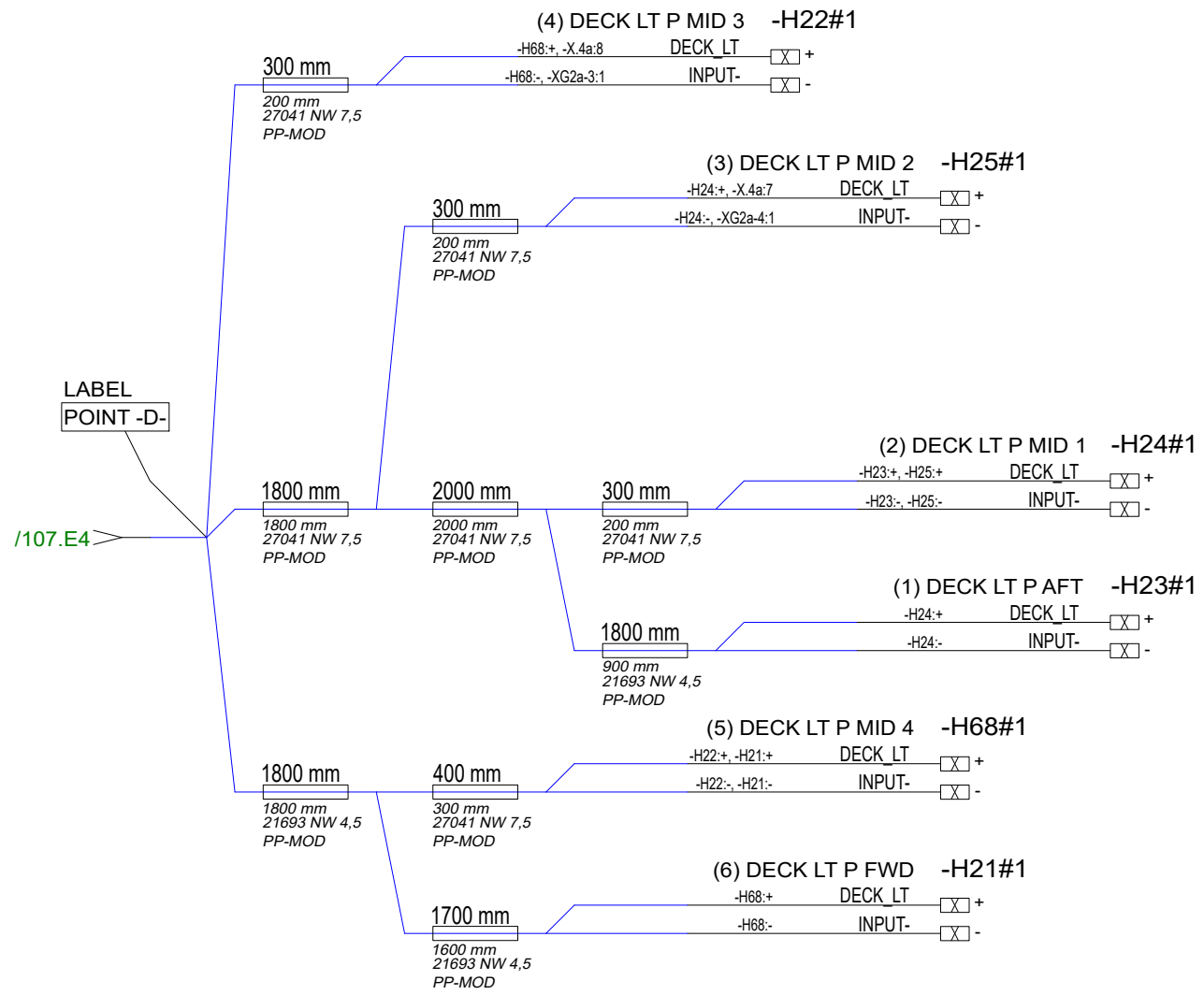
ADD LABEL TO BASE
OF THE BUSBAR.



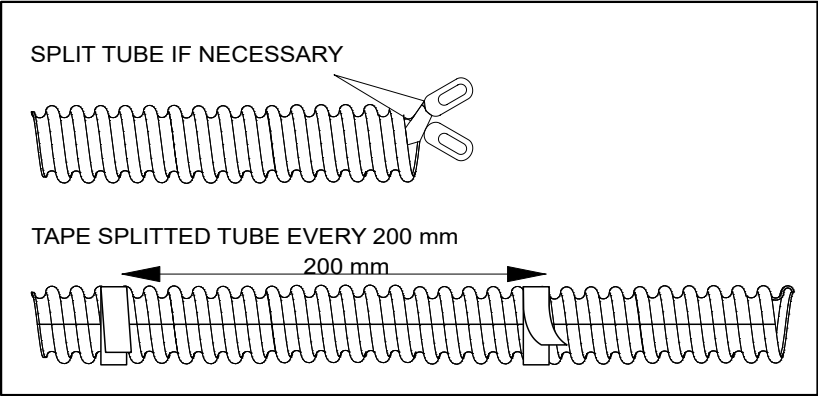
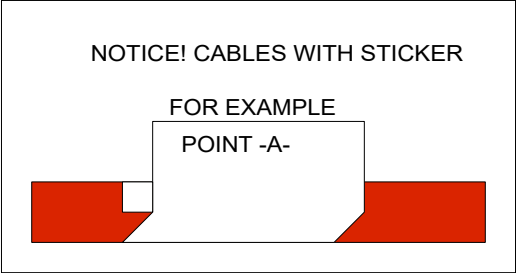
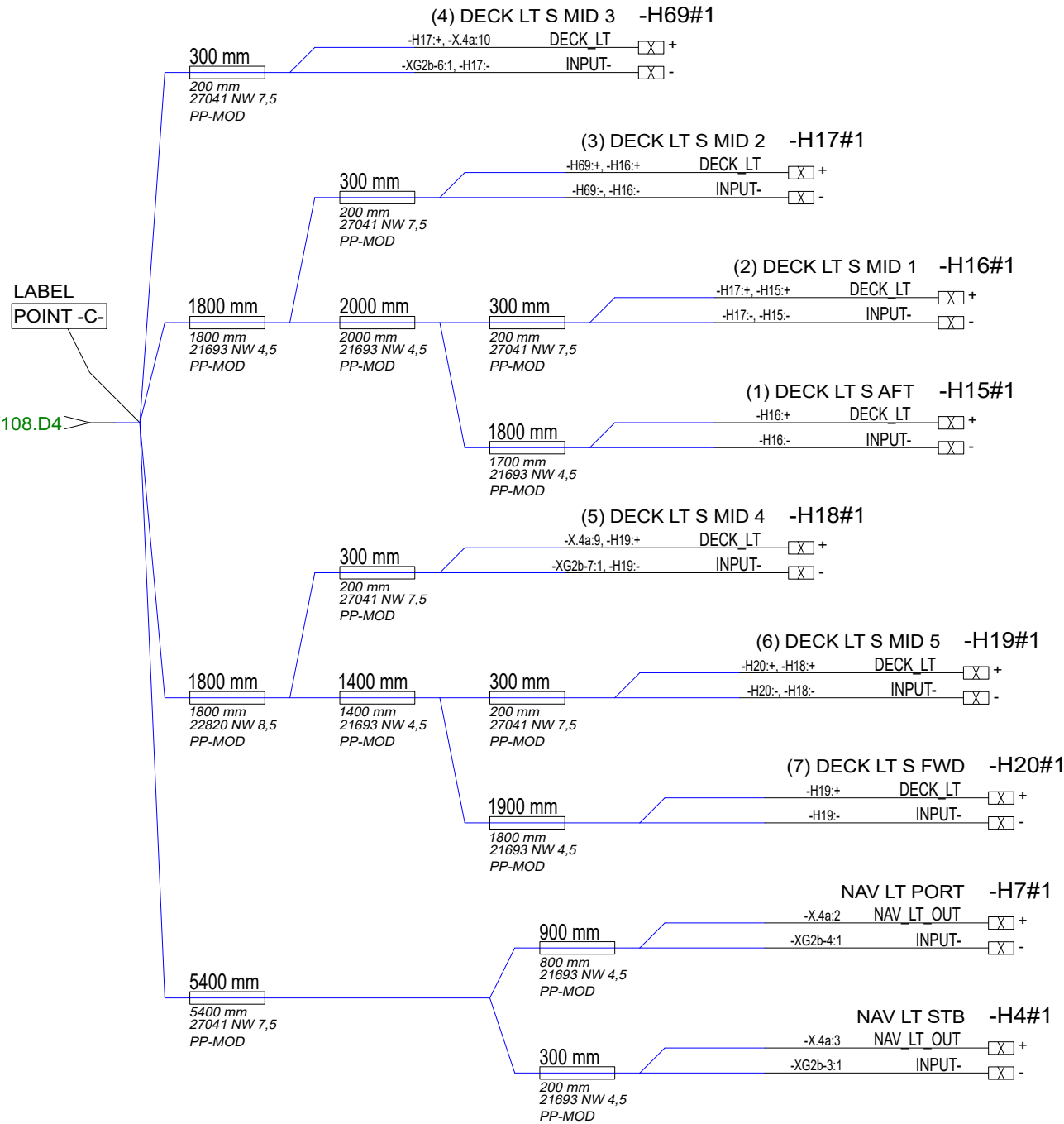
16.10.2023	TT	F10; 2004916; Added outlets A111-A114 & X4j	Date	17.5.2019	Axopar					
11.3.2024	PF	G11: 2005054; Logo It supply to deck It, flir, light pack	Drawing by	TuM	Boat		Sub-product code	29586	Product code	Project ID
30.7.2024	PF	G12: 2005139; A114+1m, LS jumps, camera feed	Sheet rev.	12	37 MY20		DECK HARNESS		HL	109 / 210
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc	
1		2		4		6		7		8



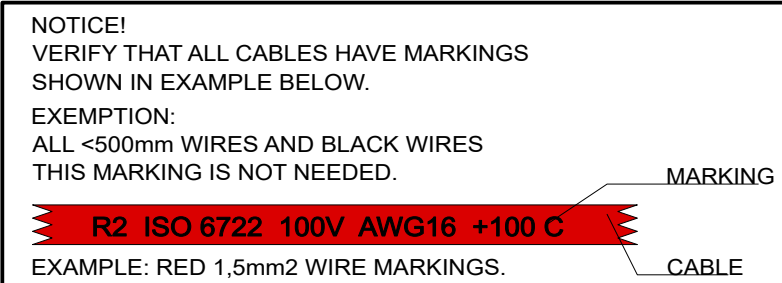
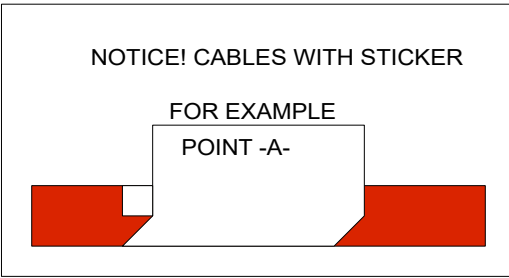
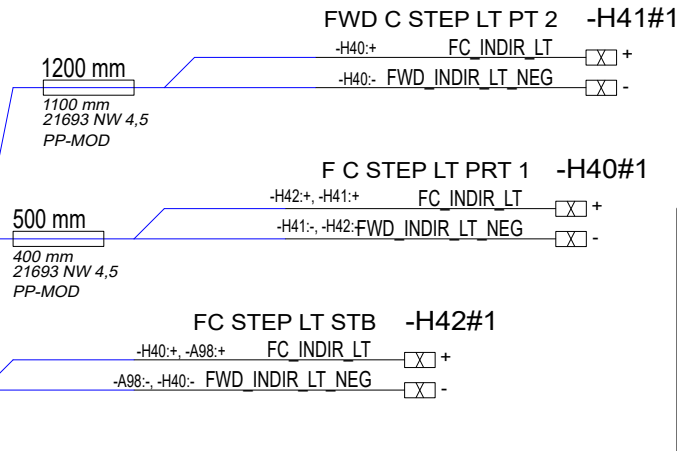
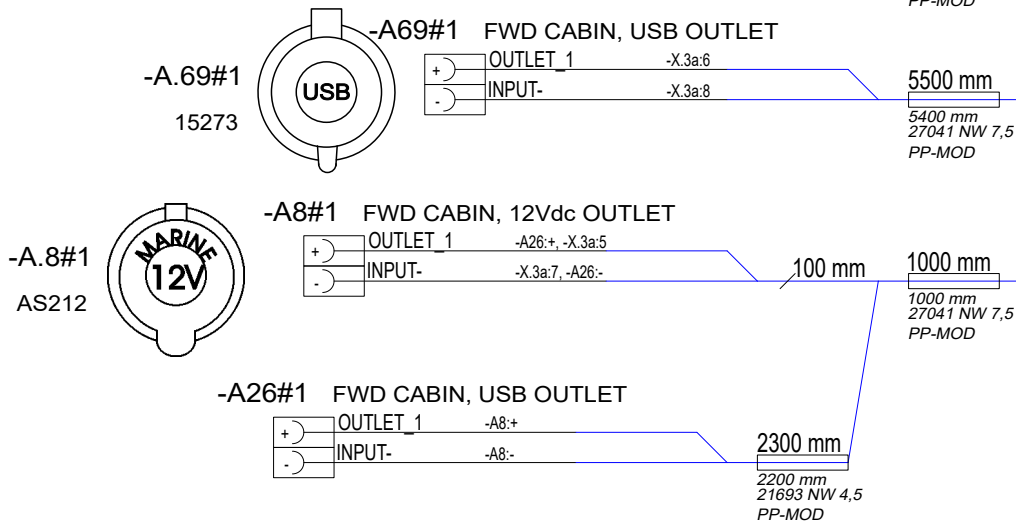
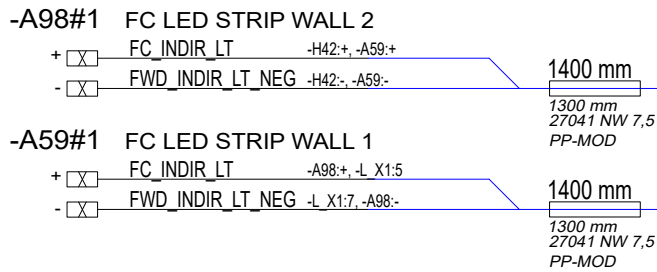
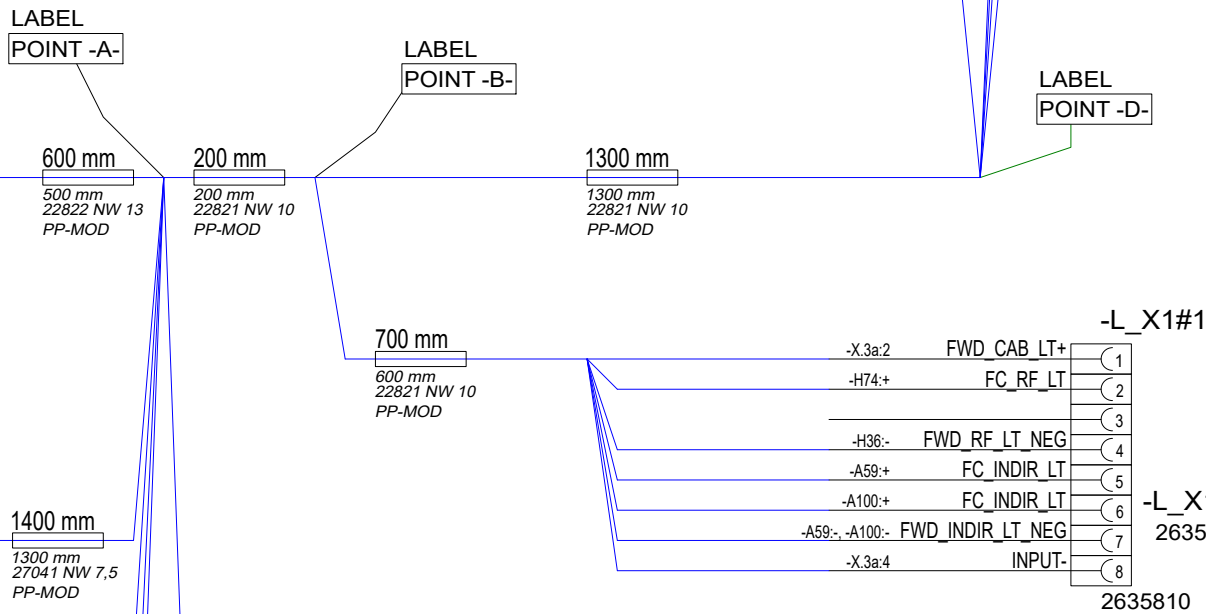
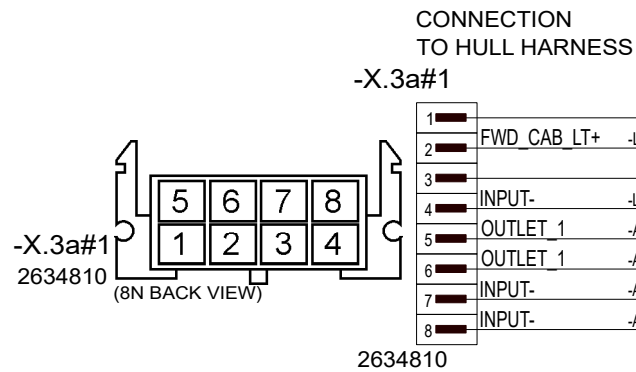
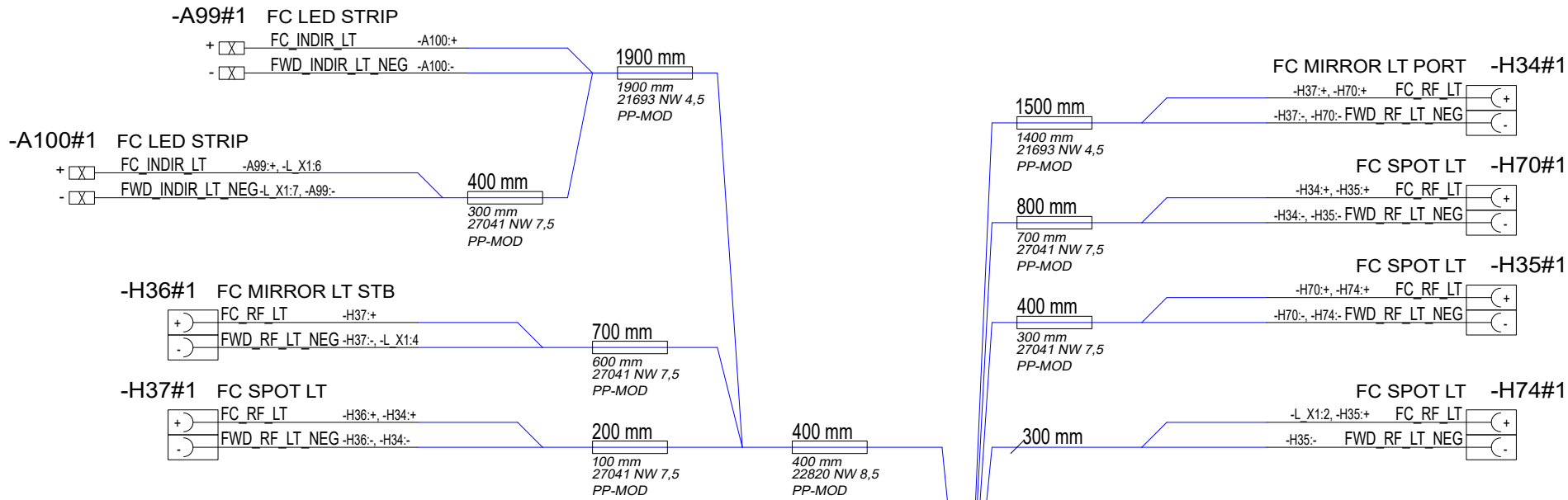
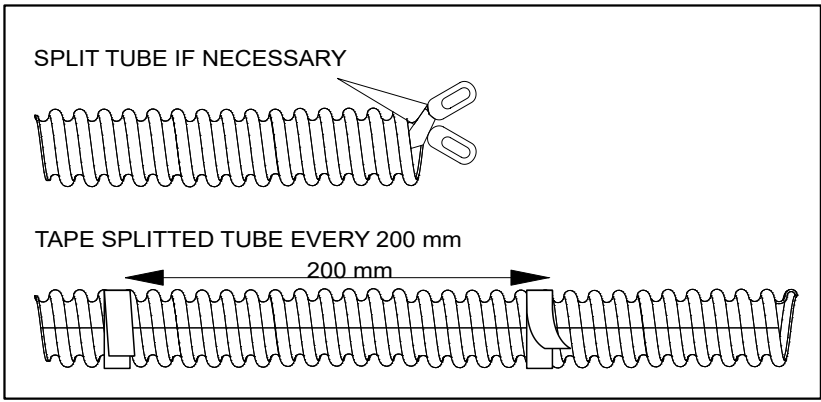
16.10.2023	TT	F10; 2004916; Added outlets A111-A114 & X4j	Date	17.5.2019	NAVIX designed solutions Copyright by	Axopar		29586	Project ID	110 / 210 Sheet
11.3.2024	PF	G11: 2005054; Logo It supply to deck It, flir, light pack	Drawing by	TuM		Boat				
30.7.2024	PF	G12: 2005139; A114+1m, LS jumps, camera feed	Sheet rev.	12		37 MY20	DECK HARNESS	HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc		



16.10.2023	TT	F10; 2004916; Added outlets A111-A114 & X4j	Date	31.3.2020	Axopar					
11.3.2024	PF	G11: 2005054; Logo It supply to deck lt, flir, light pack	Drawing by	TuM	Boat	37 MY20	Sub-product code	29586	Product code	Project ID
30.7.2024	PF	G12: 2005139; A114+1m, LS jumps, camera feed	Sheet rev.	12	DECK HARNESS		HL		111/ 210	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title	Loc	Sheet	

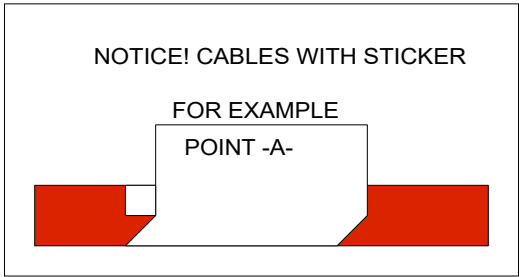
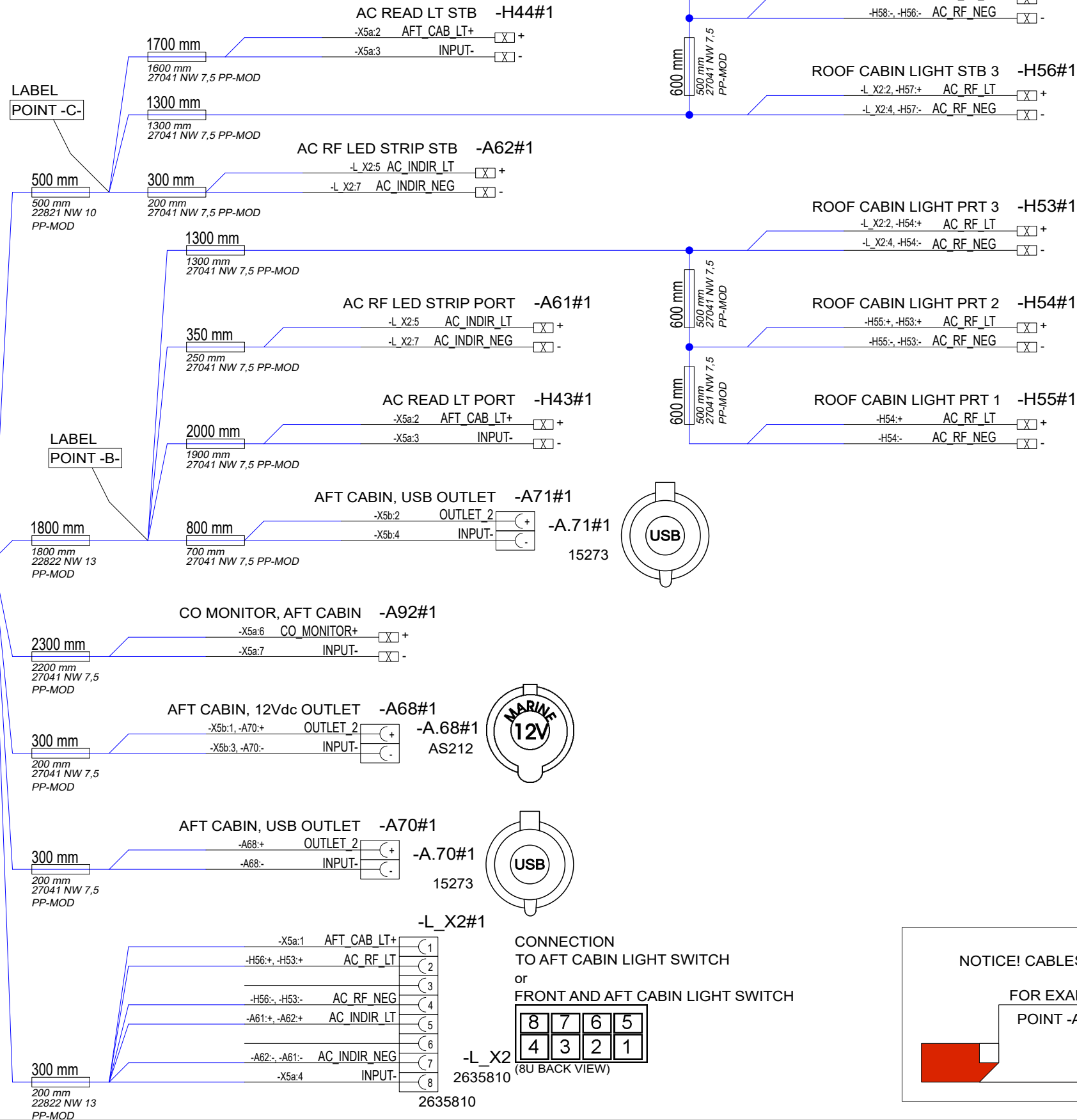
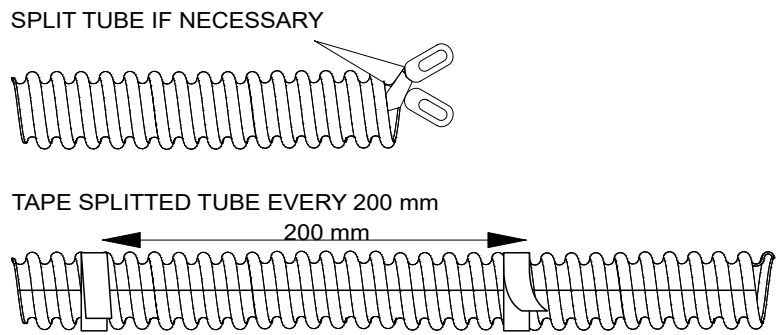
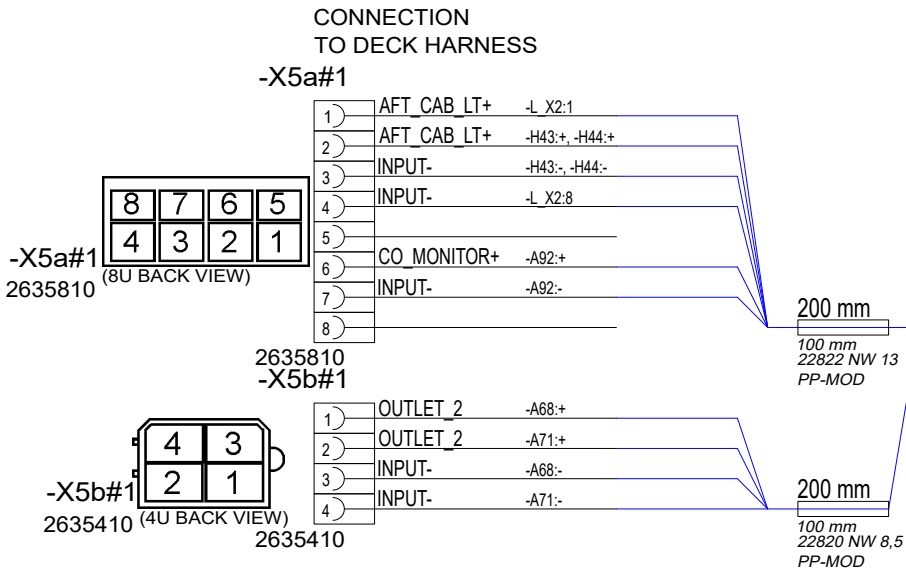
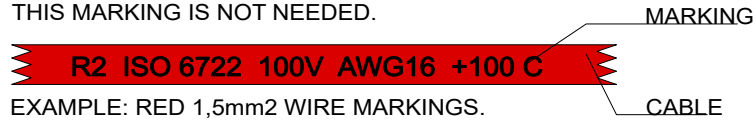


16.10.2023	TT	F10; 2004916; Added outlets A111-A114 & X4j	Date	2.4.2020	Axopar					
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30.7.2024	PF	G12: 2005139; A114+1m, LS jumps, camera feed	Sheet rev.	12	DECK HARNESS		HL		112 / 210	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title	Loc	Sheet	

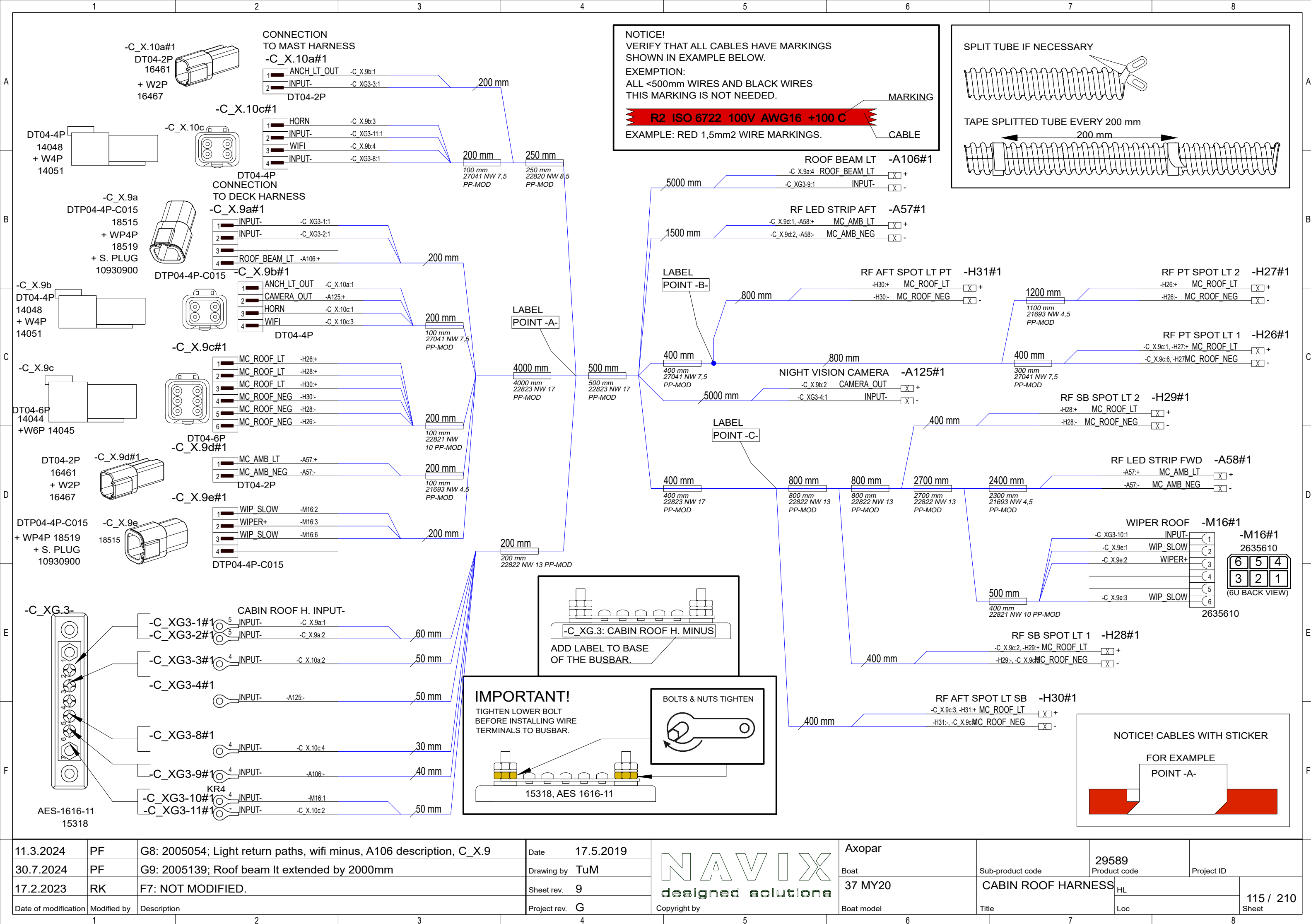


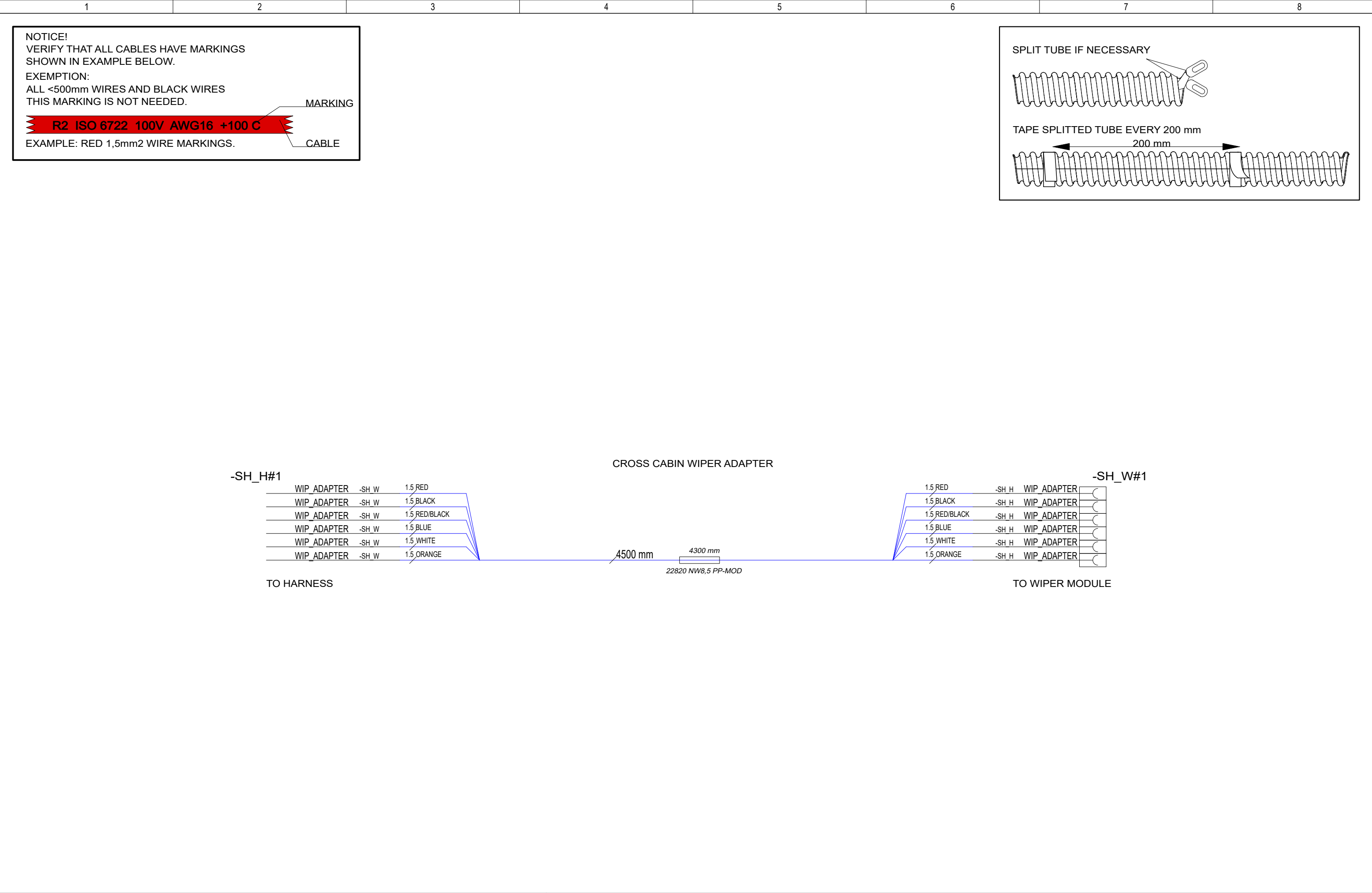
22.9.2021	VV	E6: NOT MODIFIED / REVISION RETURNED TO REV. E.	Date	16.5.2019	NAVIX	Axopar		29587	
17.2.2023	RK	F6: NOT MODIFIED	Drawing by	TuM	designed solutions	Boat		Product code	Project ID
4.4.2024	PF	G7: 2005054; Light pack changes	Sheet rev.	7	Copyright by	37 MY20	FORE CABIN HARNESS	HL	113 / 210
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc	Sheet
1	2	3	4	5	6	7	8		

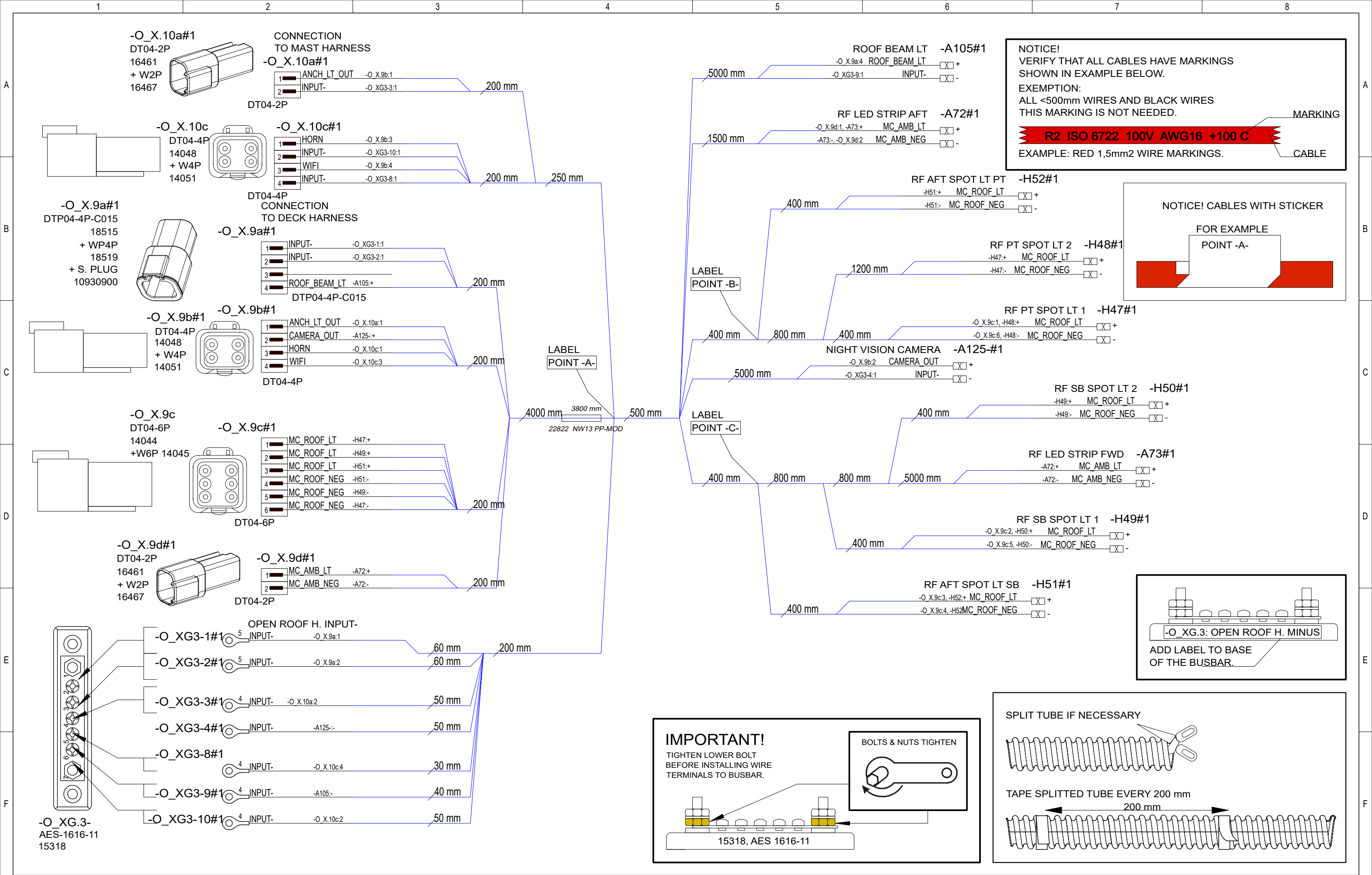
NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.



22.9.2021	VV	E5: NOT MODIFIED / REVISION RETURNED TO REV. E.	Date	16.5.2019	NAVIX	Axopar		29588	
17.2.2023	RK	F5: NOT MODIFIED.	Drawing by	TuM	designed solutions	Boat		Product code	Project ID
4.4.2024	PF	G6: 2005054; Light pack changes	Sheet rev.	6		37 MY20	AFT CABIN HARNESS	HL	114 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



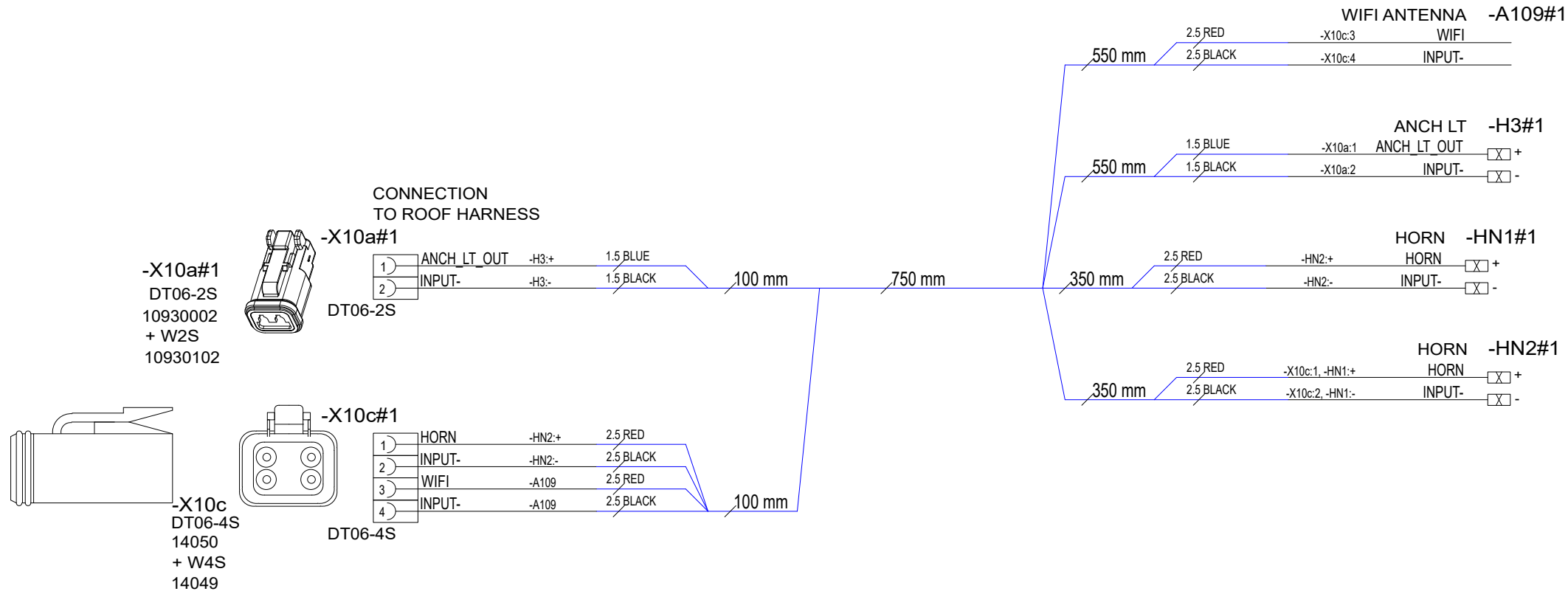




11.3.2024	PF	G8: 2005054; Light return paths, wifi minus, A105 description	Date	17.5.2019	NAVIX designed solutions Copyright by	Axopar			29590		Project ID	
30.7.2024	PF	G9: 2005139; Roof beam lt extended by 2000mm	Drawing by	TuM		Boat	Sub-product code	Product code				
17.2.2023	RK	F7: NOT MODIFIED.	Sheet rev.	9		37 MY20	OPEN ROOF HARNESS		HL		117 / 210 Sheet	
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title		Loc			

NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.

MARKING
R2 ISO 6722 100V AWG16 +100 C
CABLE
EXAMPLE: RED 1,5mm2 WIRE MARKINGS.



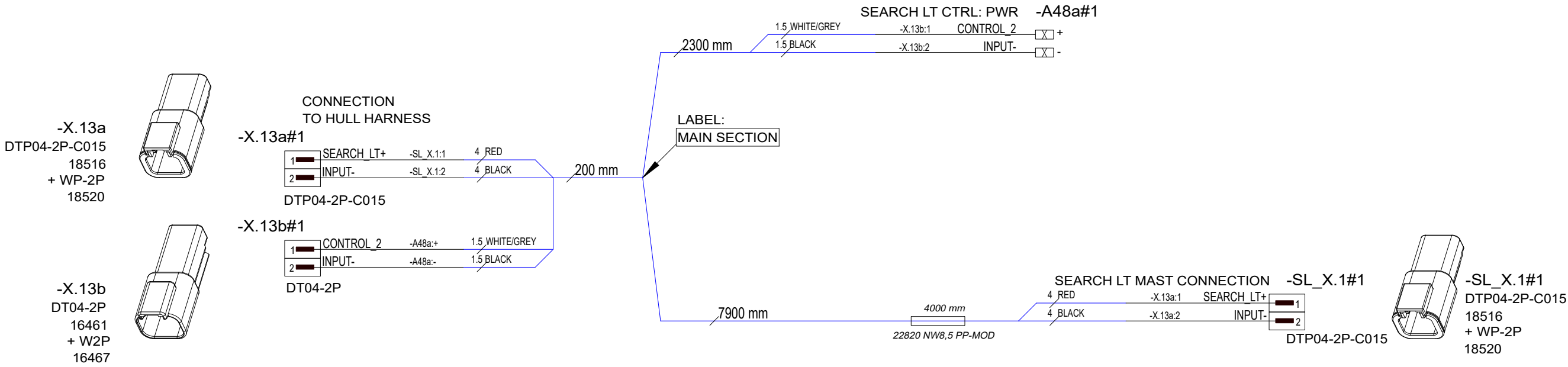
22.9.2021	VV	E5: NOT MODIFIED / REVISION RETURNED TO REV. E.	Date	16.5.2019	NAVIX designed solutions Copyright by	Axopar		29591		118 / 210
17.2.2023	RK	F5: NOT MODIFIED.	Drawing by	TuM		Boat				
15.06.2021	TT	G6: 2005054; Wifi minus 1,5mm2->2,5mm2	Sheet rev.	6		37 MY20	MAST HARNESS	HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc	Sheet	

NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.

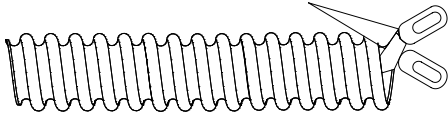
MARKING
R2 ISO 6722 100V AWG16 +100 C
CABLE
EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

NOTICE! CABLES WITH STICKER

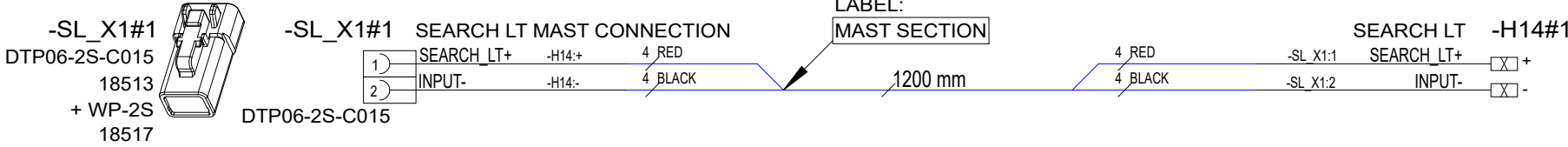
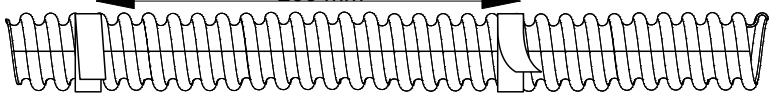
FOR EXAMPLE
POINT -A-



SPLIT TUBE IF NECESSARY

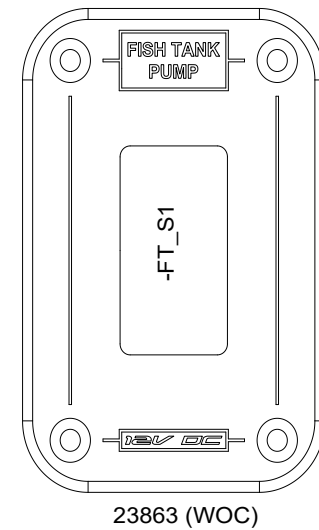
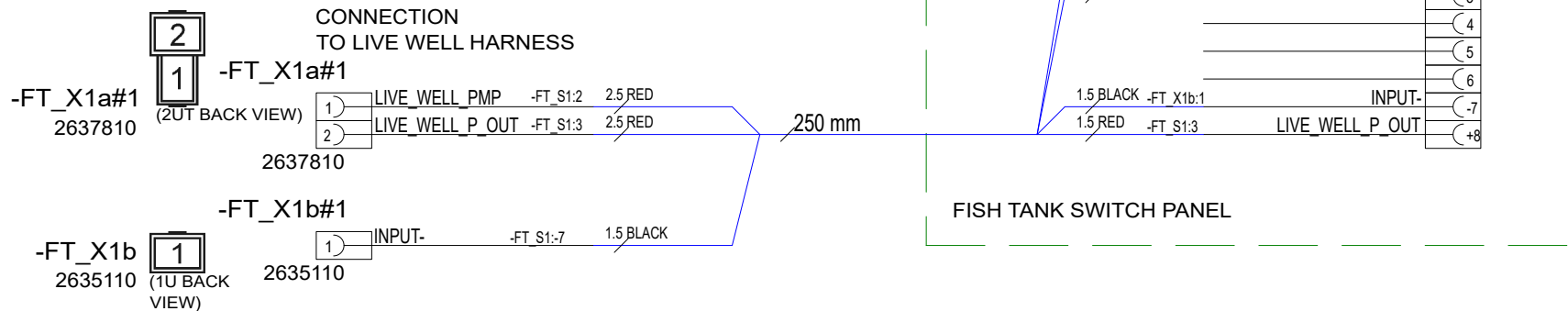
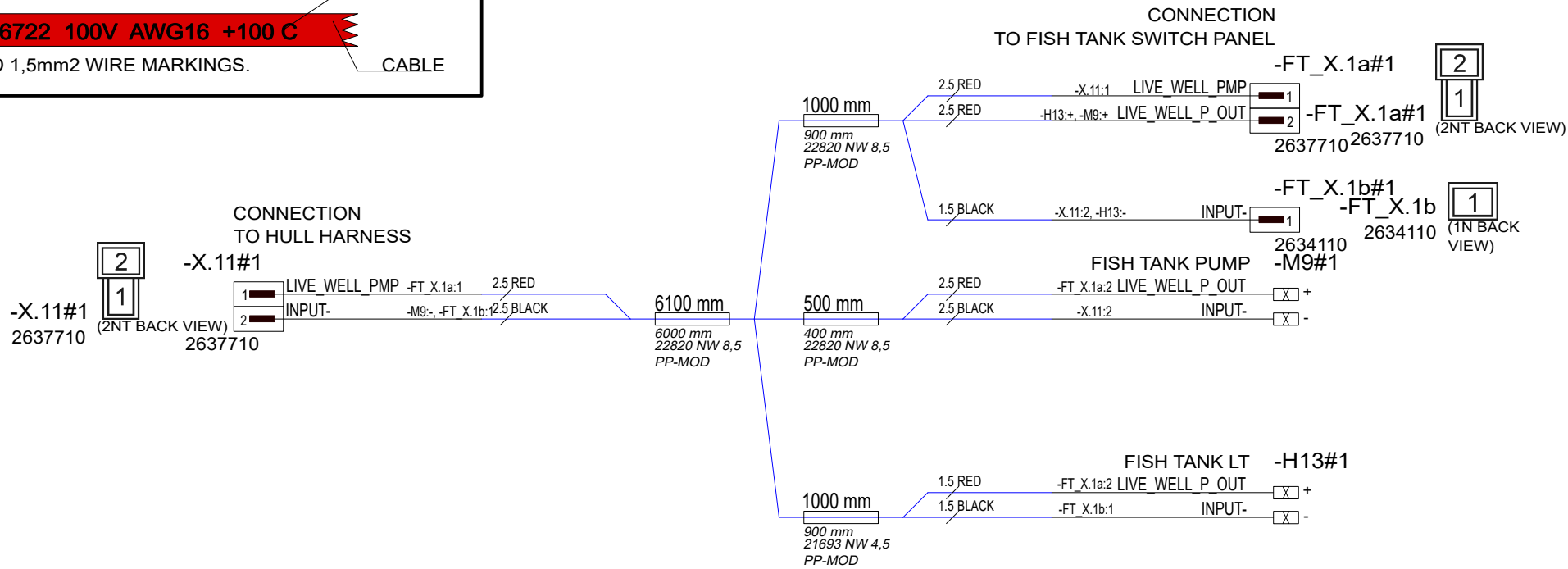
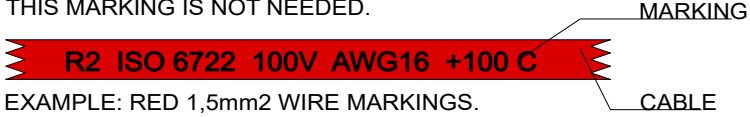


TAPE SPLITTED TUBE EVERY 200 mm
200 mm

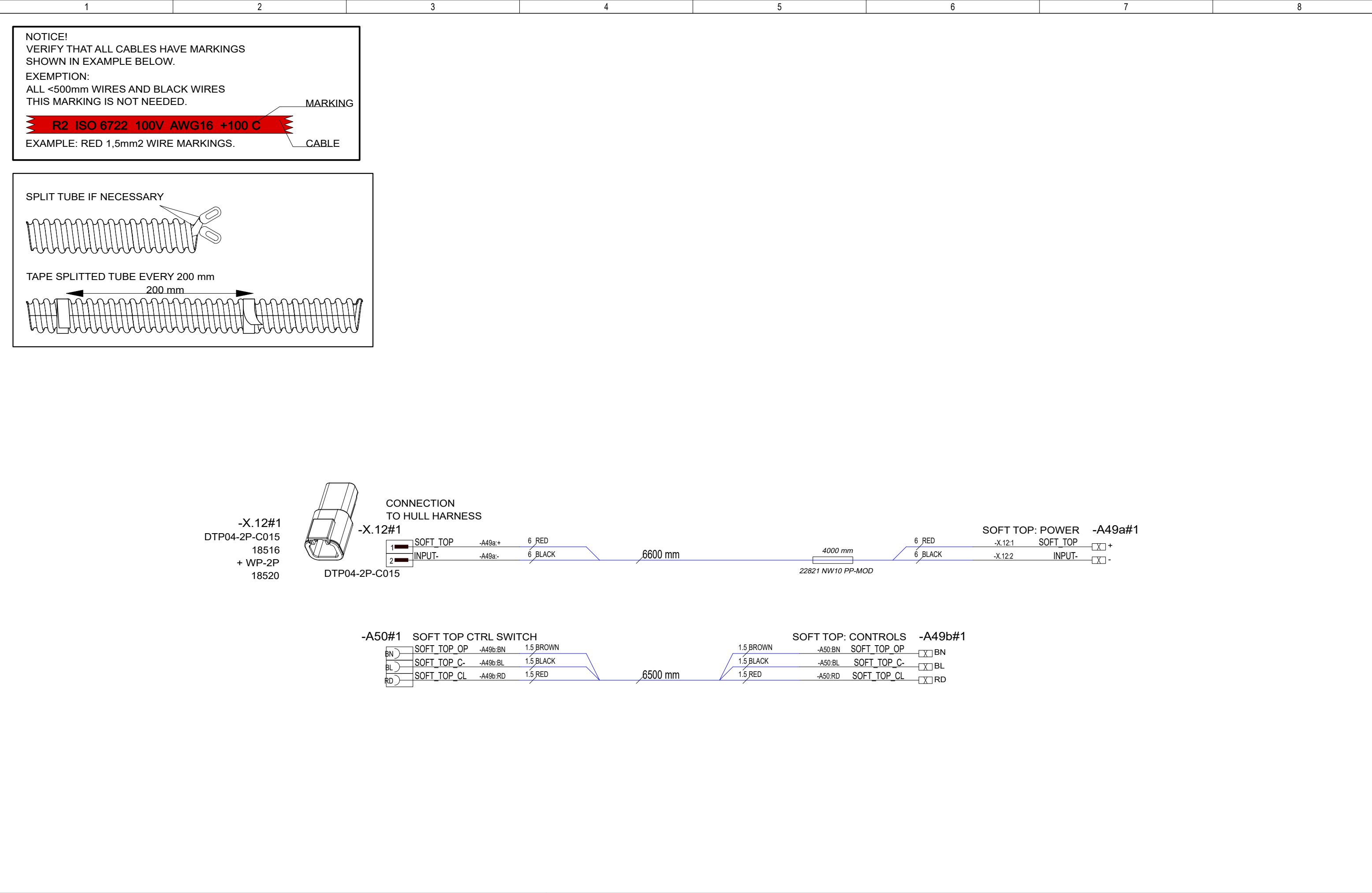


15.4.2024	PF	G5: 2005054; Not modified	Date	21.5.2019	NAVIX designed solutions Copyright by	Axopar			29592		Project ID	
22.9.2021	VV	E5: NOT MODIFIED / REVISION RETURNED TO REV. E.	Drawing by	TuM		Boat						
17.2.2023	RK	F5: NOT MODIFIED.	Sheet rev.	5		37 MY20	SEARCH LT HARNESS		HL		119 / 210	
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title		Loc			Sheet

NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.



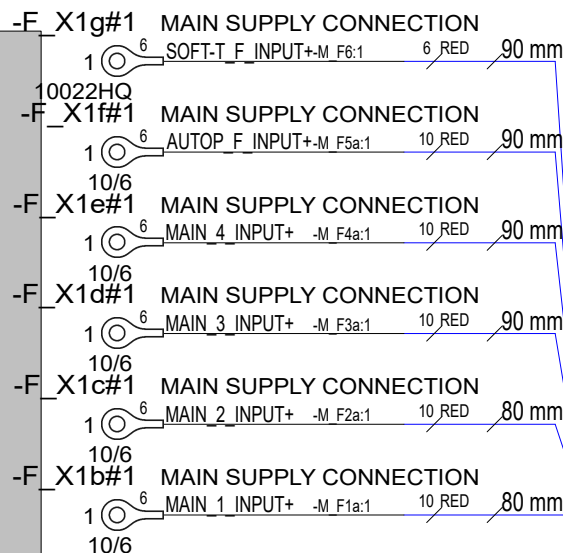
15.4.2024	PF	G4: 2005054; Not modified	Date	21.5.2019	Axopar		23863	29593		
17.2.2023	RK	F3: NOT MODIFIED.	Drawing by	TuM	Boat		Sub-product code	Product code	Project ID	
28.11.2023	PF	F4: 2004954/2004916; Switch changed to locking type, wiring modified	Sheet rev.	4	37 MY20		LIVE WELL HARNESS		HL	120 / 210
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc	Sheet



1.

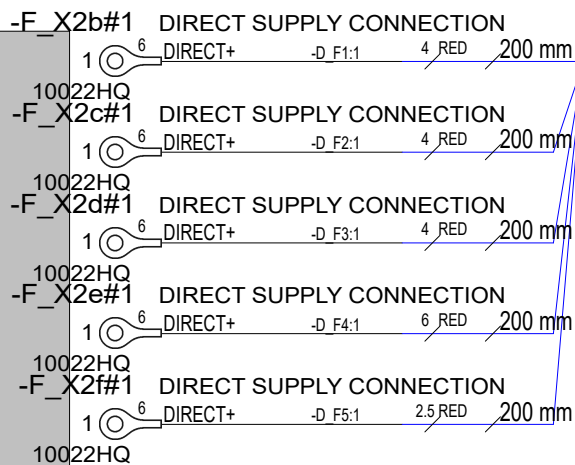
-F_X.1

MAIN SUPPLY CONNECTION
COPPER BAR

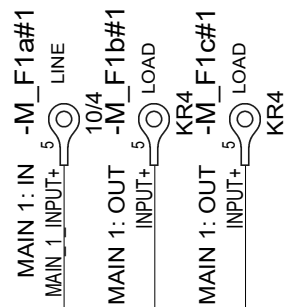


-F_X.2

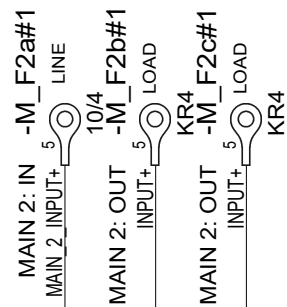
DIRECT SUPPLY CONNECTION
COPPER BAR



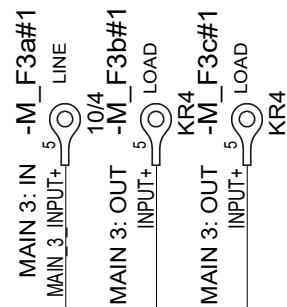
-M_F.1
31624
CLB-403-12CNN-W-F/40



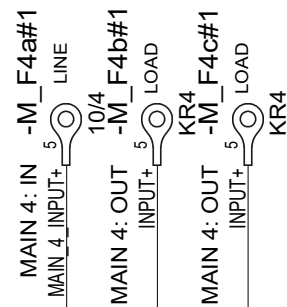
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31624
CLB-403-12CNN-W-F/40



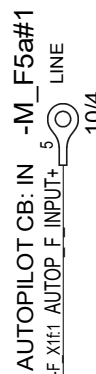
-M_F.3
31624
CLB-403-12CNN-W-F/40



-M_F.4
31624
CLB-403-12CNN-W-F/40



-M_F.5
31624
CLB-403-12CNN-W-F/40



-M_F.6
23809
CLB-253-12CNN-W-A/25

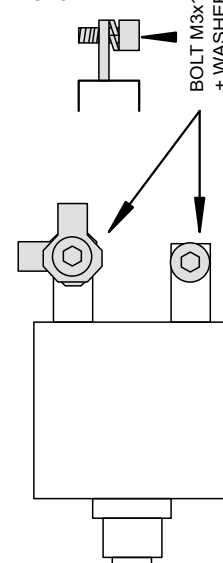


/124.A1<

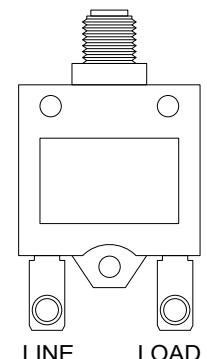
/123.D1>

NOTICE!

31624



CARLING
CLB-SERIES
BREAKERS
PINS.



LINE LOAD

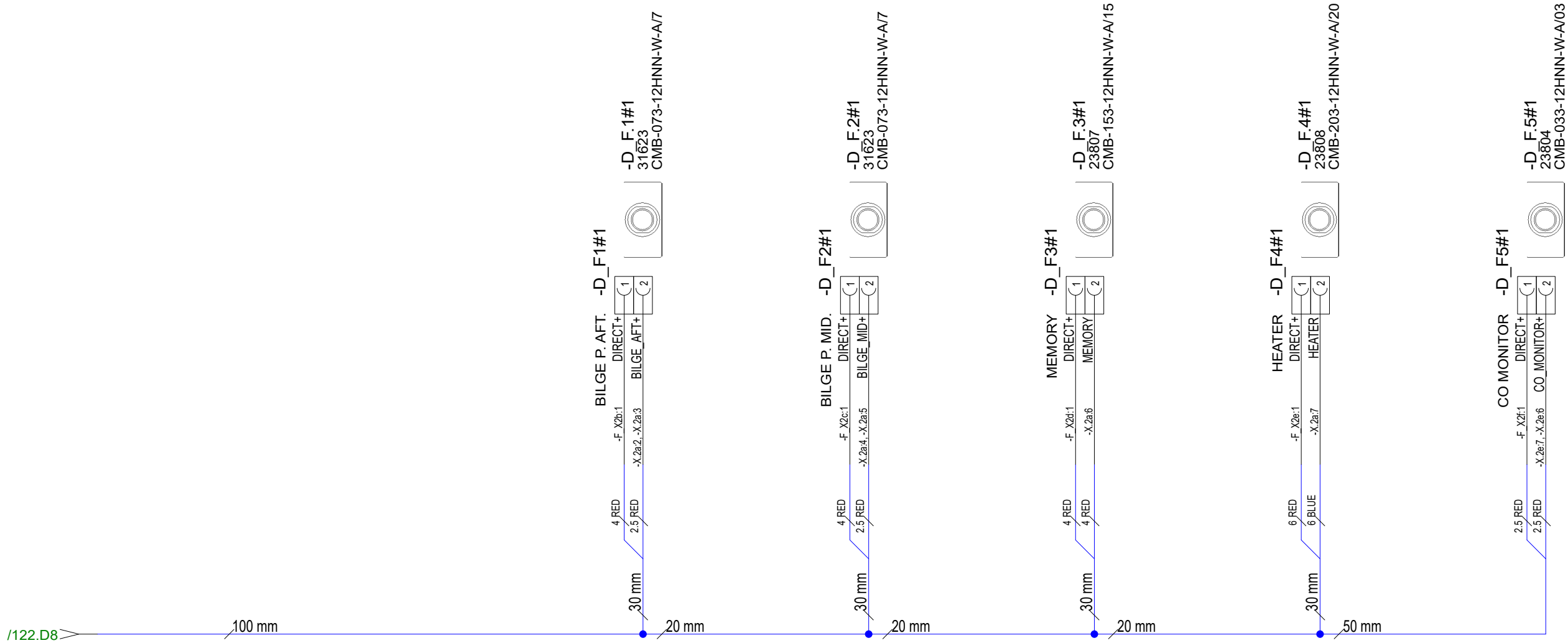
17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT
23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A
Date of modification	Modified by	Description

Date	11.6.2019
Drawing by	TuM
Sheet rev.	11
Project rev.	G



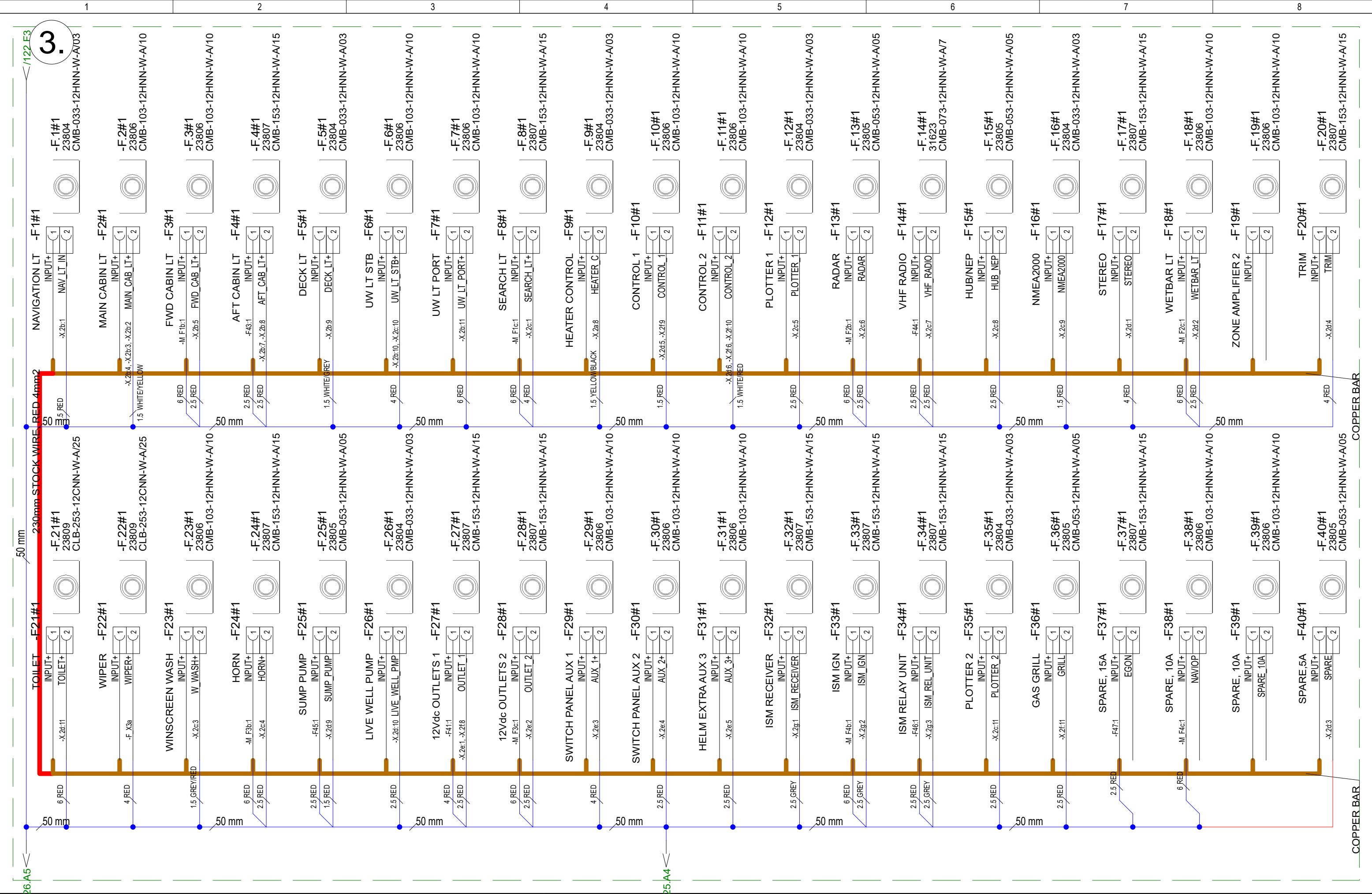
Axopar	SEE EXP. VIEW	29595	
Boat	Sub-product code	Product code	Project ID
37 MY20	FUSE UNIT	HL	122 / 210
Boat model	Title	Loc	Sheet

2.

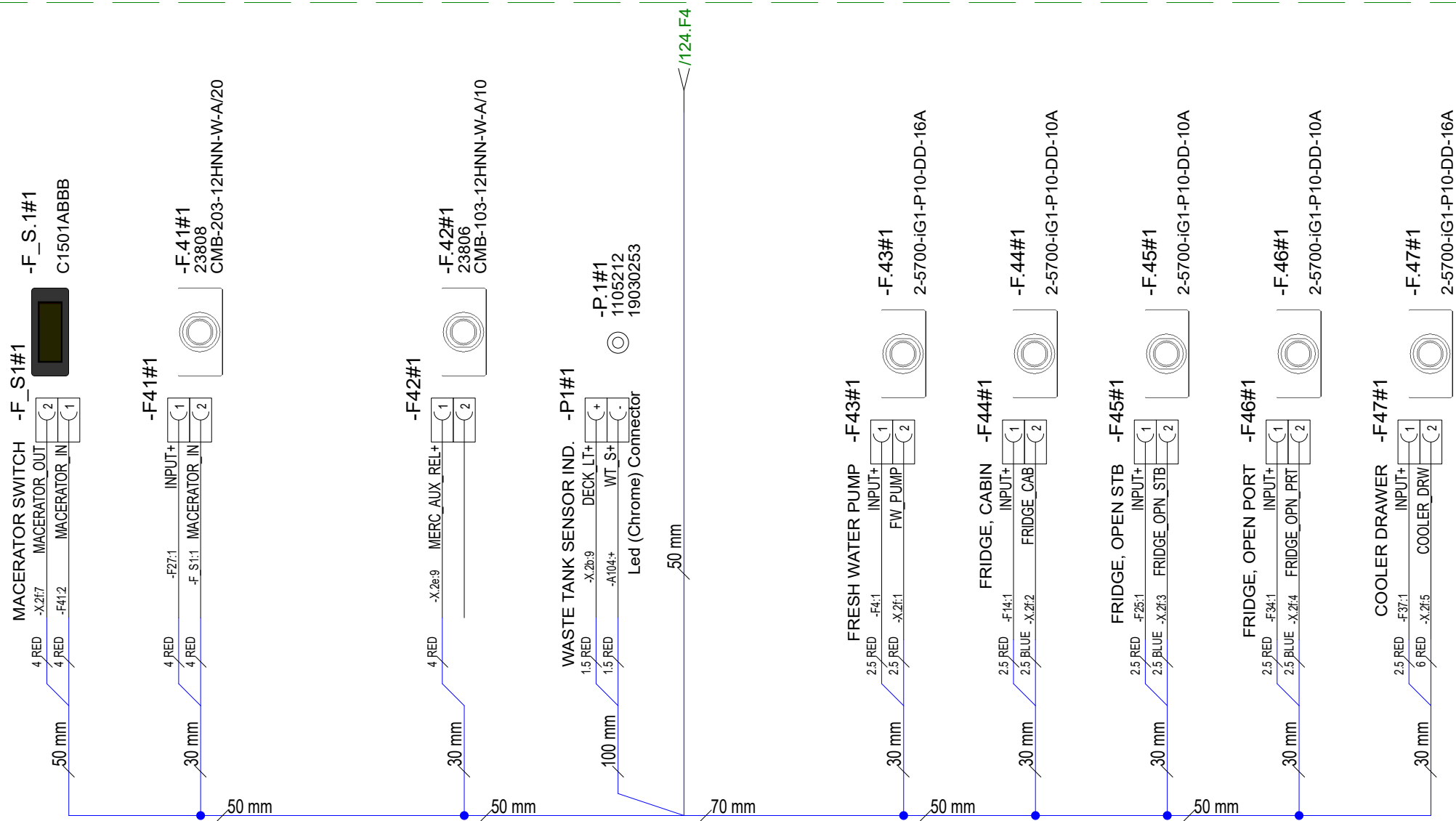


17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Date	11.6.2019	Axopar		SEE EXP. VIEW		29595			
23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Drawing by	TuM	Boat		Sub-product code		Product code		Project ID	
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Sheet rev.	11	37 MY20		FUSE UNIT		HL		123 / 210	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc		Sheet	

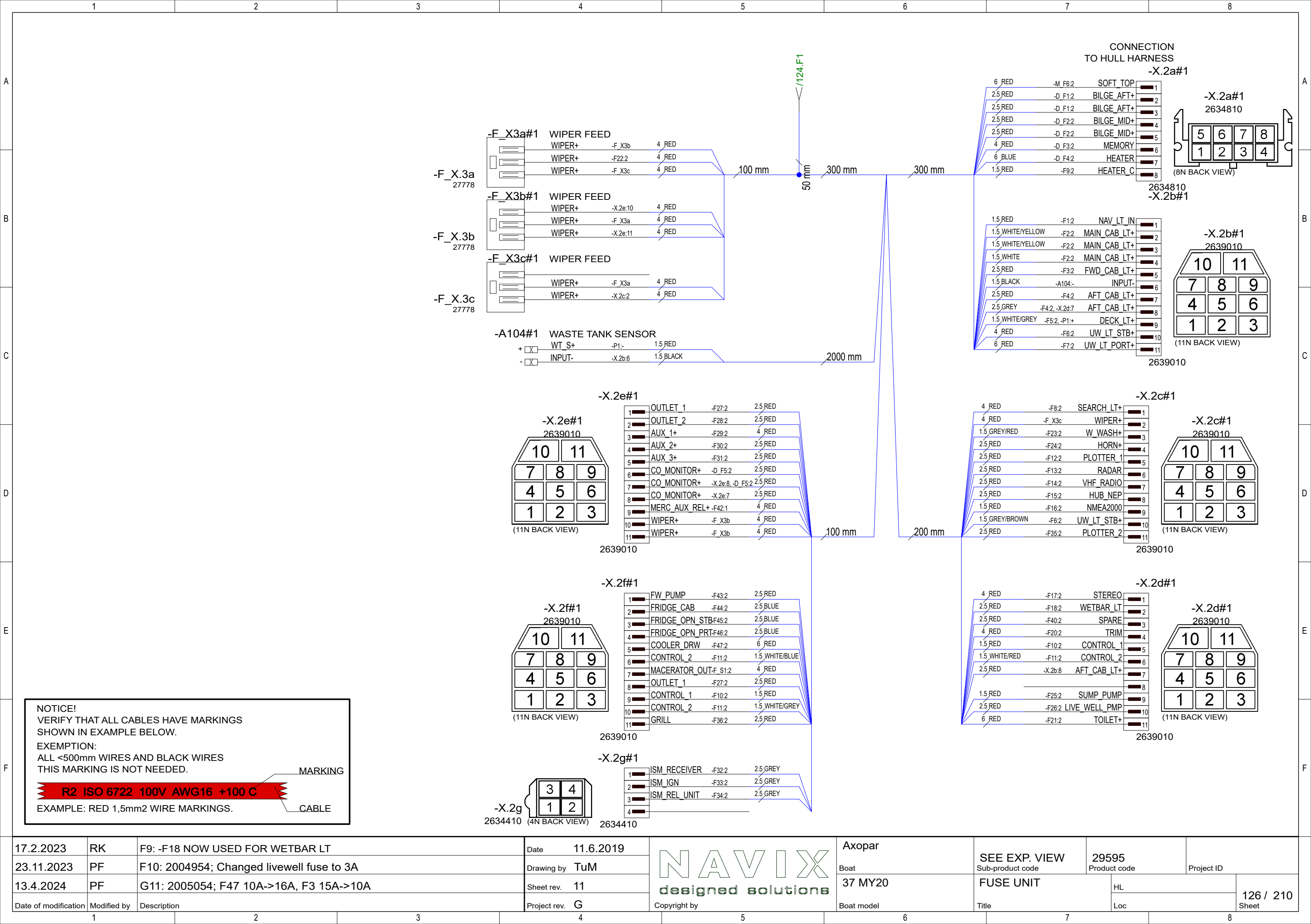
17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Date	11.6.2019	NAVIX designed solutions Copyright by	Axopar	SEE EXP. VIEW	29595	Project ID	124 / 210
23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Drawing by	TuM		Boat				
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Sheet rev.	11		37 MY20	FUSE UNIT	HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc		



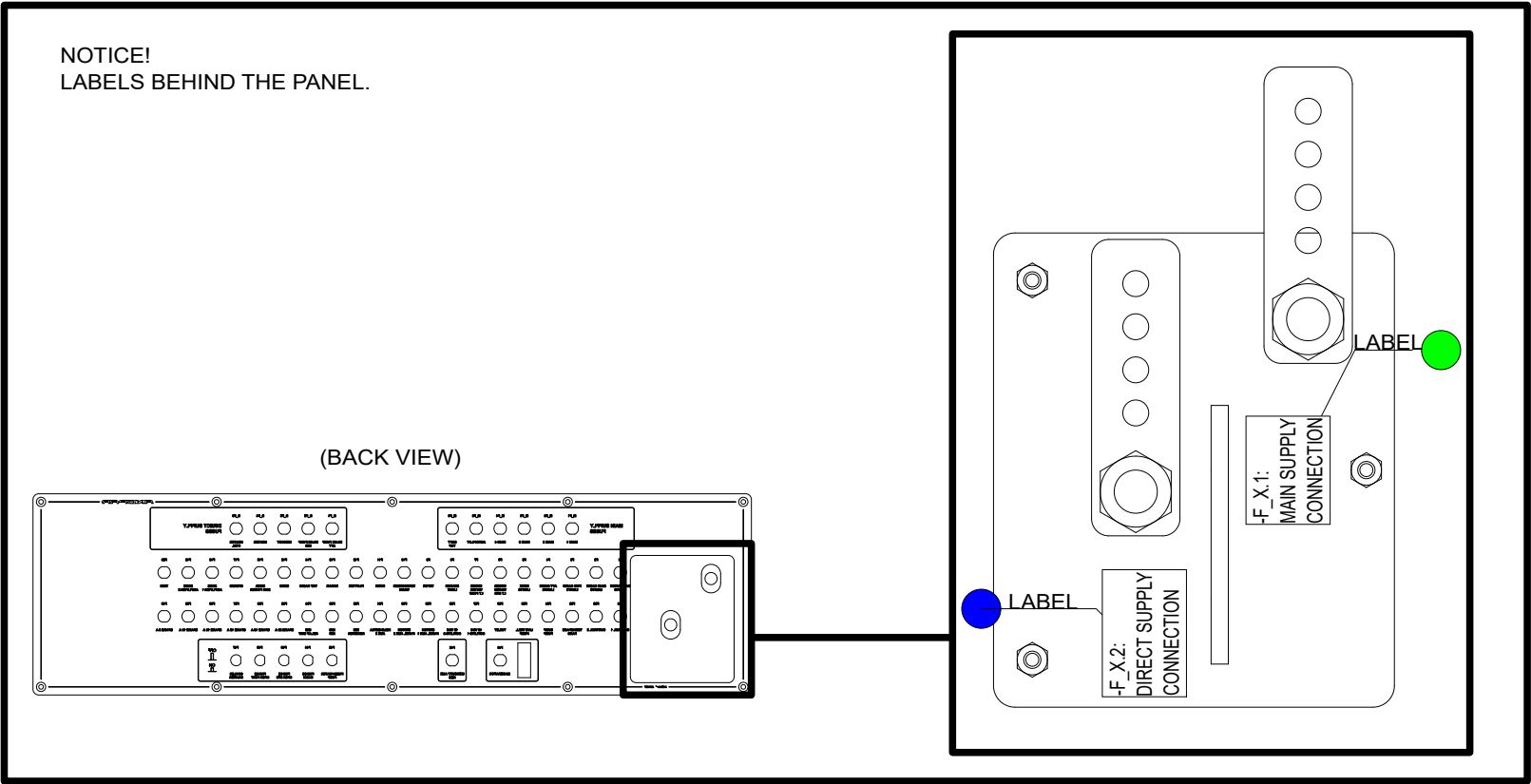
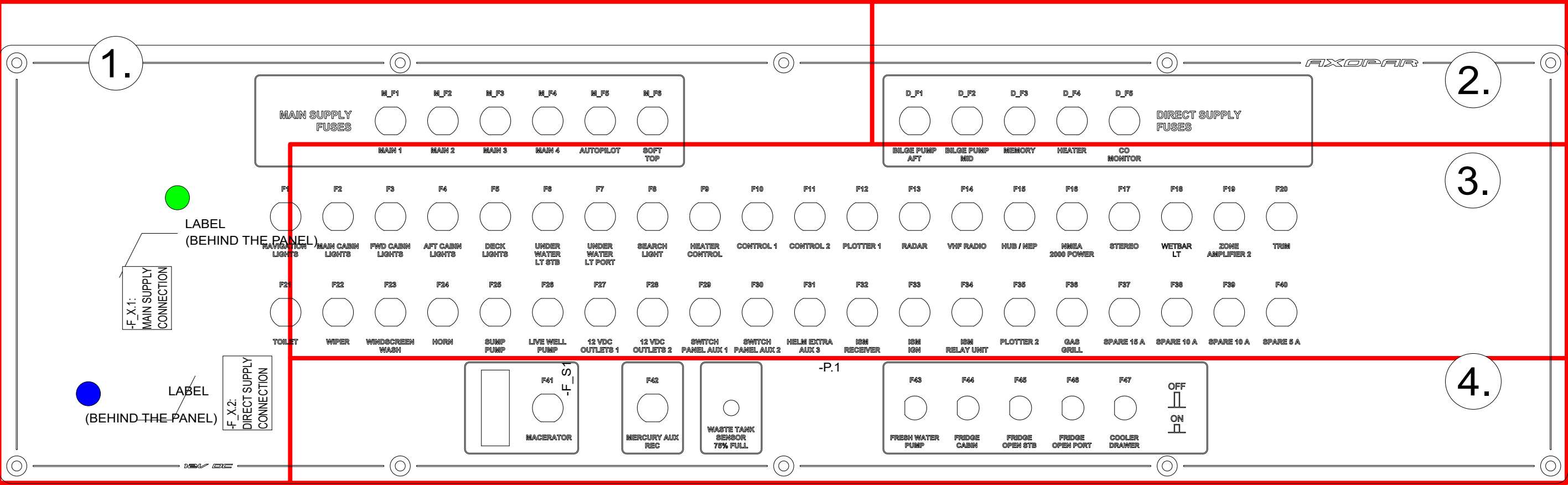
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17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Date	11.6.2019	NAVIX designed solutions Copyright by	Axopar	SEE EXP. VIEW	29595	Project ID	
23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Drawing by	TuM		Boat				
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Sheet rev.	11		37 MY20	FUSE UNIT	HL	125 / 210	
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc		Sheet



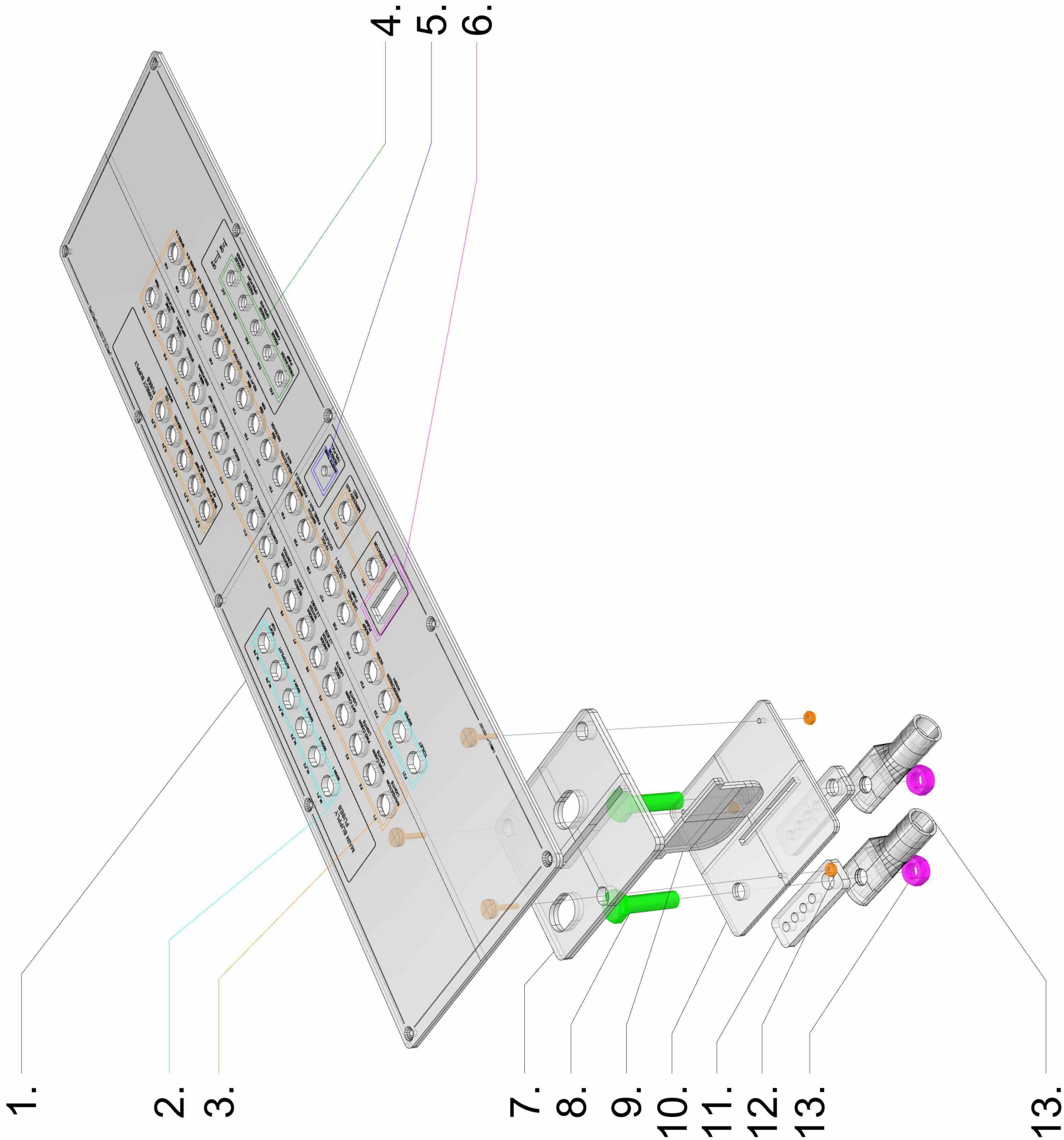
FUSE PANEL GENERAL LAYOUT/ LABELS



17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Date	2.7.2019	NAVIX designed solutions Copyright by	Axopar Boat 37 MY20 Boat model	SEE EXP VIEW Sub-product code FUSE UNIT Title	29595 Product code HL Loc	Project ID 127 / 210 Sheet
23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Drawing by	TuM					
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Sheet rev.	11					
Date of modification	Modified by	Description	Project rev.	G					

EXP VIEW

29595_AXOPAR_37_MY20_FUSE_UNIT_PANEL

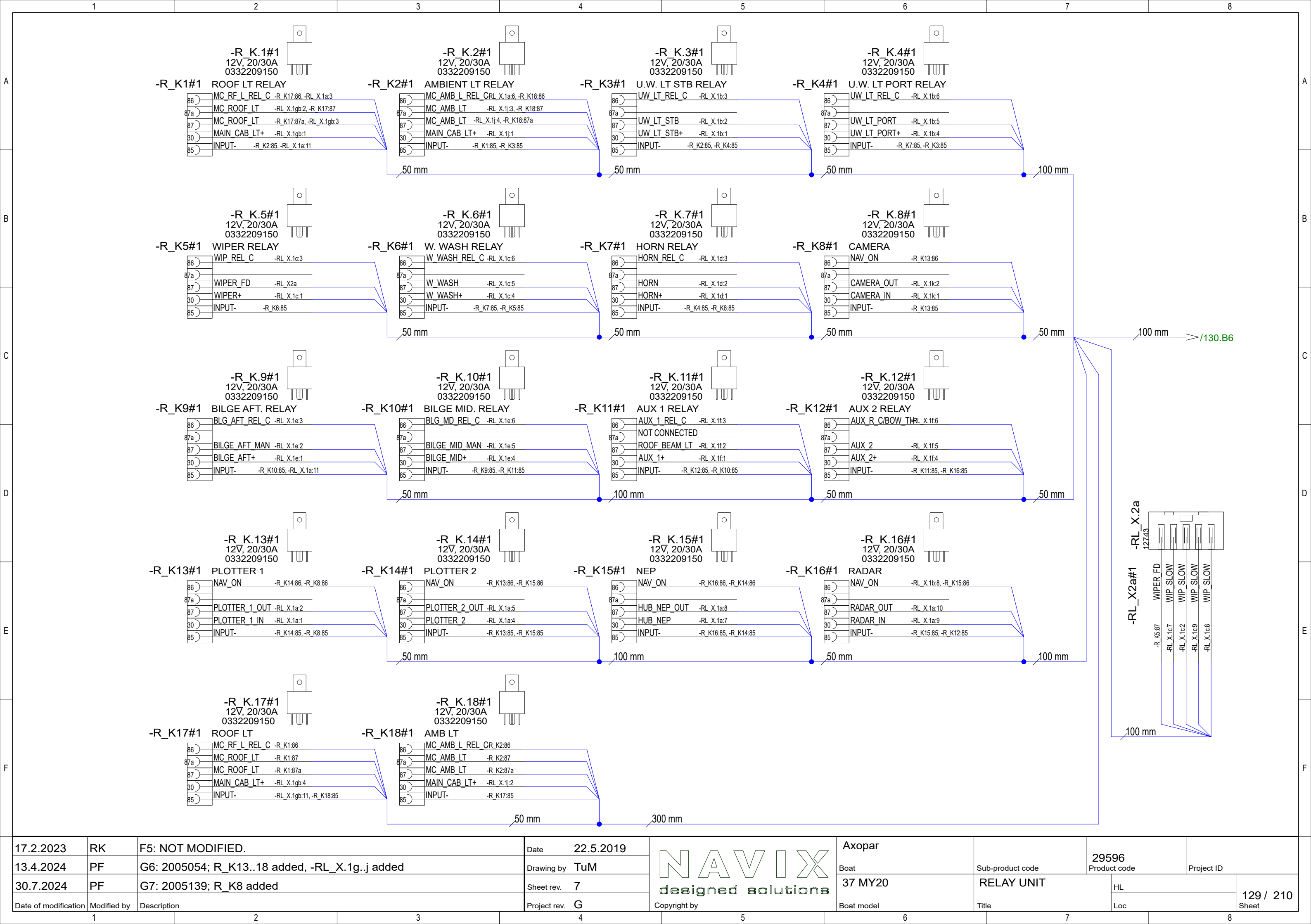


29595_AXOPAR_37_MY20_FUSE_UNIT_PANEL

- 1. 1 PCS 29916_AXOPAR_37_MY20_FUSE_UNIT_PANEL_(WOC)
- 2. 8 PCS CARLING CLB SERIES (AS IN DIAGRAM)
- 3. 45 PCS CARLING CMB SERIES (AS IN DIAGRAM)
- 4. 5 PCS ETA 1140 FUSE
- 5. 1 PC 19030253 LED PANEL MOUNT INDICATOR, SATIN CHROME BEZEL. RED. 12 VDC, 6mm 20mA, 13MCD, IP40
- 6. 1 PC ARCOLECTRIC_15...B_33.4X14.0
- 7. 1 PC 29918_AXOPAR_37_MY20_FUSE_UNIT_MS_DC_BTМ_PANEL_(WOC)
- 8. 2 PCS M10 L40
- 9. 1 PC 29920_AXOPAR_37_MY20_FUSE_UNIT_MS_DC_SPACER_PANEL_(WOC)
- 10. 1 PC 29919_AXOPAR_37_MY20_FUSE_UNIT_MS_DC_TOP_PANEL_(WOC)
- 11. 2 PCS 30167_NAVIX_LINE_VIRTAKISKO_FOUR_SPOT_SMALL
- 12. 3 PCS M4 NUT A4
- 13. 2 PCS M10 SPRING WASHER
- 2 PCS M10 NUT A4
- 14. 2 PCS CABLE SHOES (AS IN DIAGRAM)

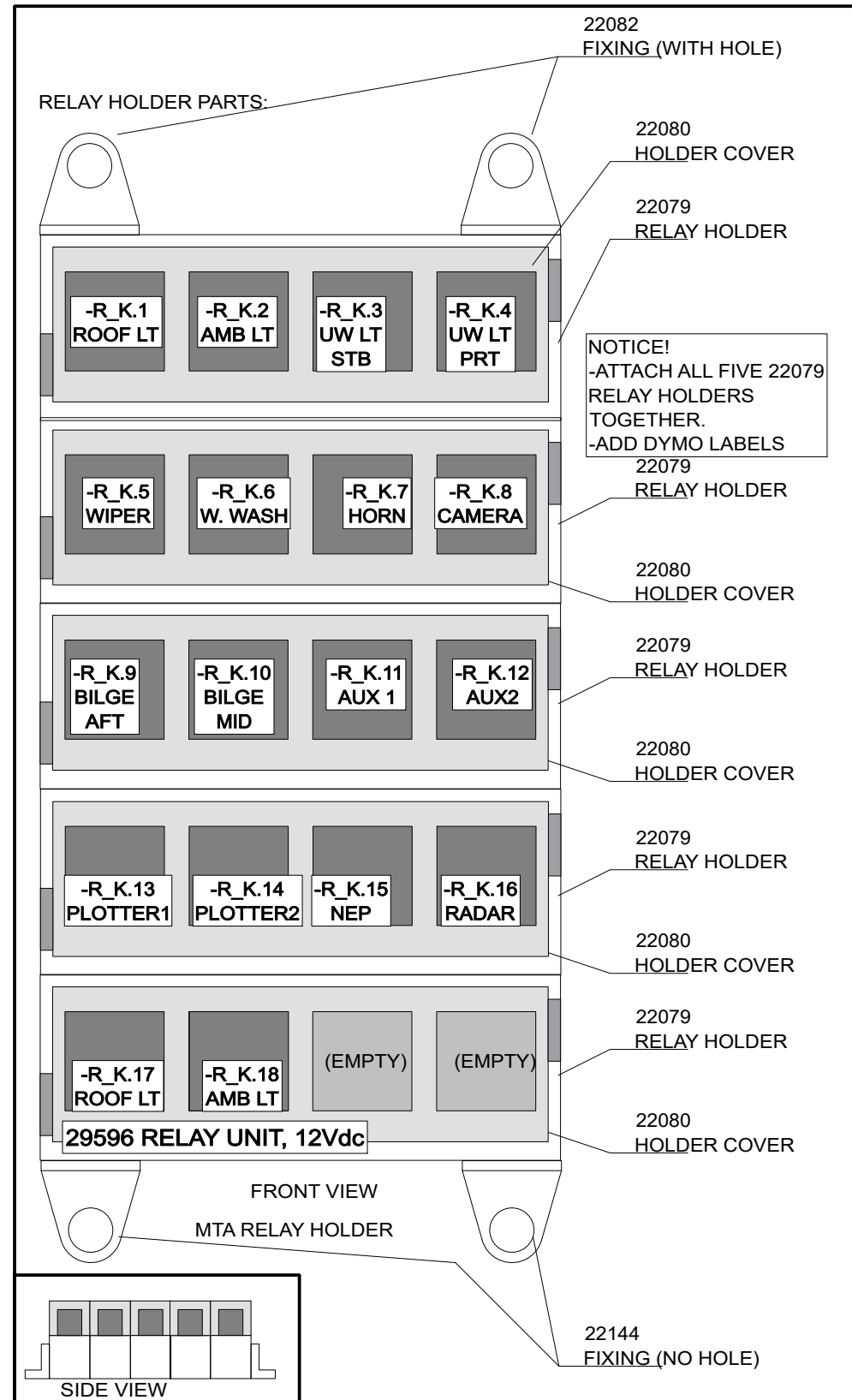
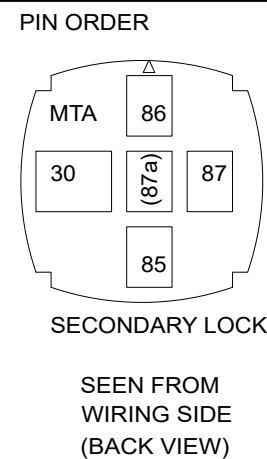
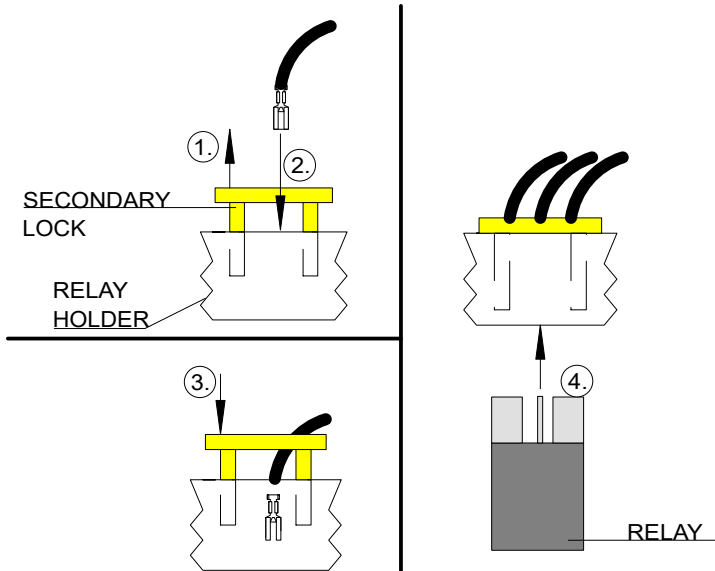
TE 01.07.2019
TE 11.09.2019
MN 23.01.2020
TE 17.02.2021

17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Date	11.6.2019	Axopar		SEE EXP. VIEW		29595			
23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Drawing by	TuM	Boat		Sub-product code		Product code		Project ID	
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Sheet rev.	11	37 MY20		FUSE UNIT		HL		128 / 210	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc		Sheet	



17.2.2023	RK	F5: NOT MODIFIED.	Date	22.5.2019	NAVIX designed solutions Copyright by	Axopar		29596		129 / 210
13.4.2024	PF	G6: 2005054; R_K13..18 added, -RL_X.1g..j added	Drawing by	TuM		Boat				
30.7.2024	PF	G7: 2005139; R_K8 added	Sheet rev.	7		37 MY20	RELAY UNIT	HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc	Sheet	

1. PULL SECONDARY LOCK OUT OF RELAY HOLDER
APPROX 1cm WITH TOOL IF NEEDED
(DO NOT PULL COMPLETELY OUT)
2. MOUNT WIRES
3. PUSH SECONDARY LOCK BACK IN
4. MOUNT RELAY TO RELAY HOLDER



R2 ISO 6722 100V AWG16 +100 C

EXAMPLE: RED 1,5mm2 WIRE MARKINGS. CABLE

			Date	15.3.2024	NAVIX designed solutions Copyright by	Axopar				
13.4.2024	PF	G6: 2005054; R_K13..18 added, -RL_X.1g..j added	Drawing by	TuM		Boat	Sub-product code	29596	Product code	Project ID
30.7.2024	PF	G7: 2005139; R_K8 added	Sheet rev.	7		37 MY20	RELAY UNIT	HL		131/ 210
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc	Sheet	

R2 ISO 6722 100V AWG16 +100 C

EXAMPLE: RED 1,5mm² WIRE MARKINGS. CABLE

EQUIVALENCY:		
mm2	=	AWG
25 mm2	=	AWG3
35 mm2	=	AWG2
50 mm2	=	AWG0
70 mm2	=	AWG2/0
95 mm2	=	AWG3/0
120 mm2	=	250 kcmil

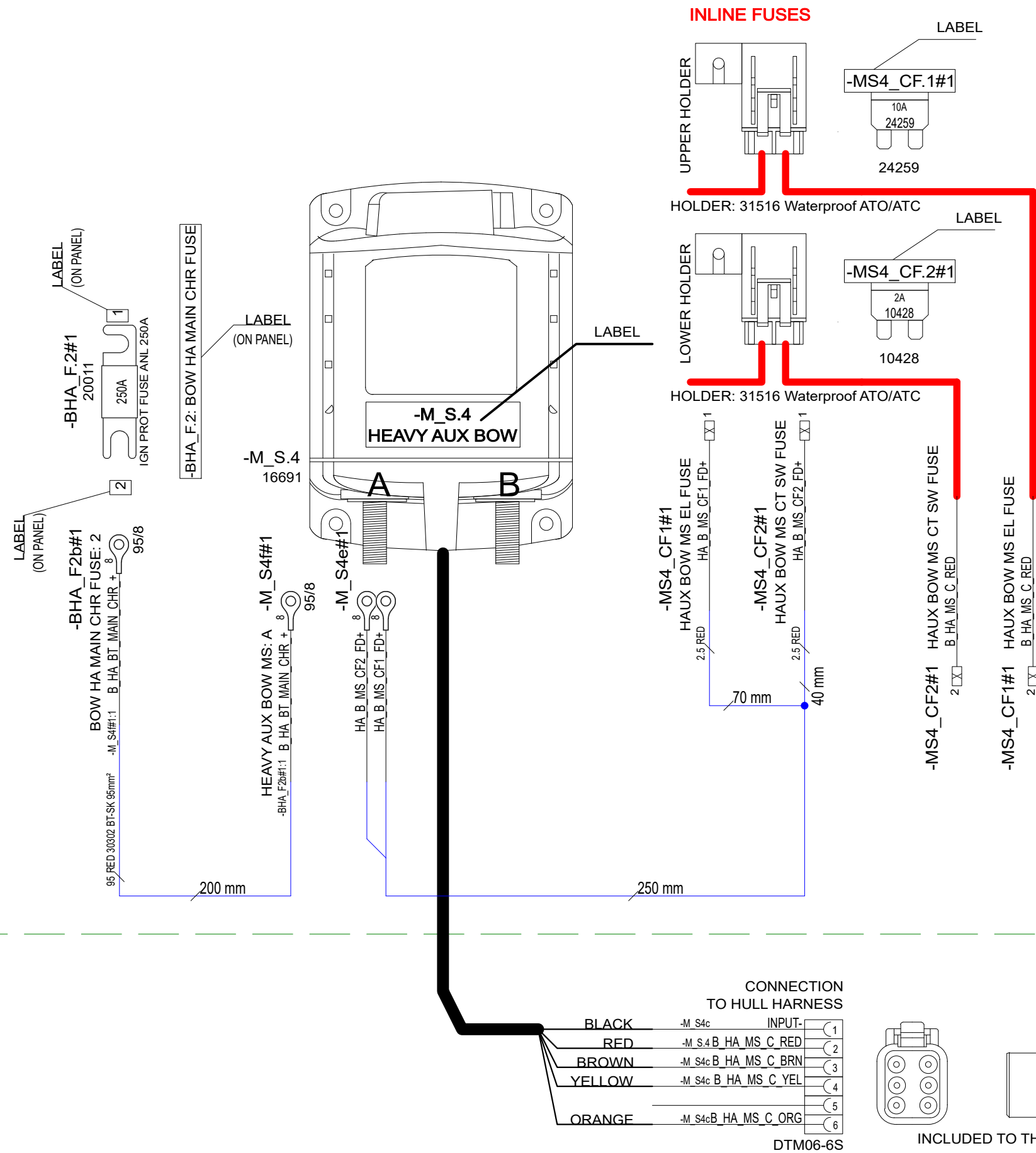
PR8 RING TERMINAL

25/8 CABLE LUG

35/8 CABLE LUG

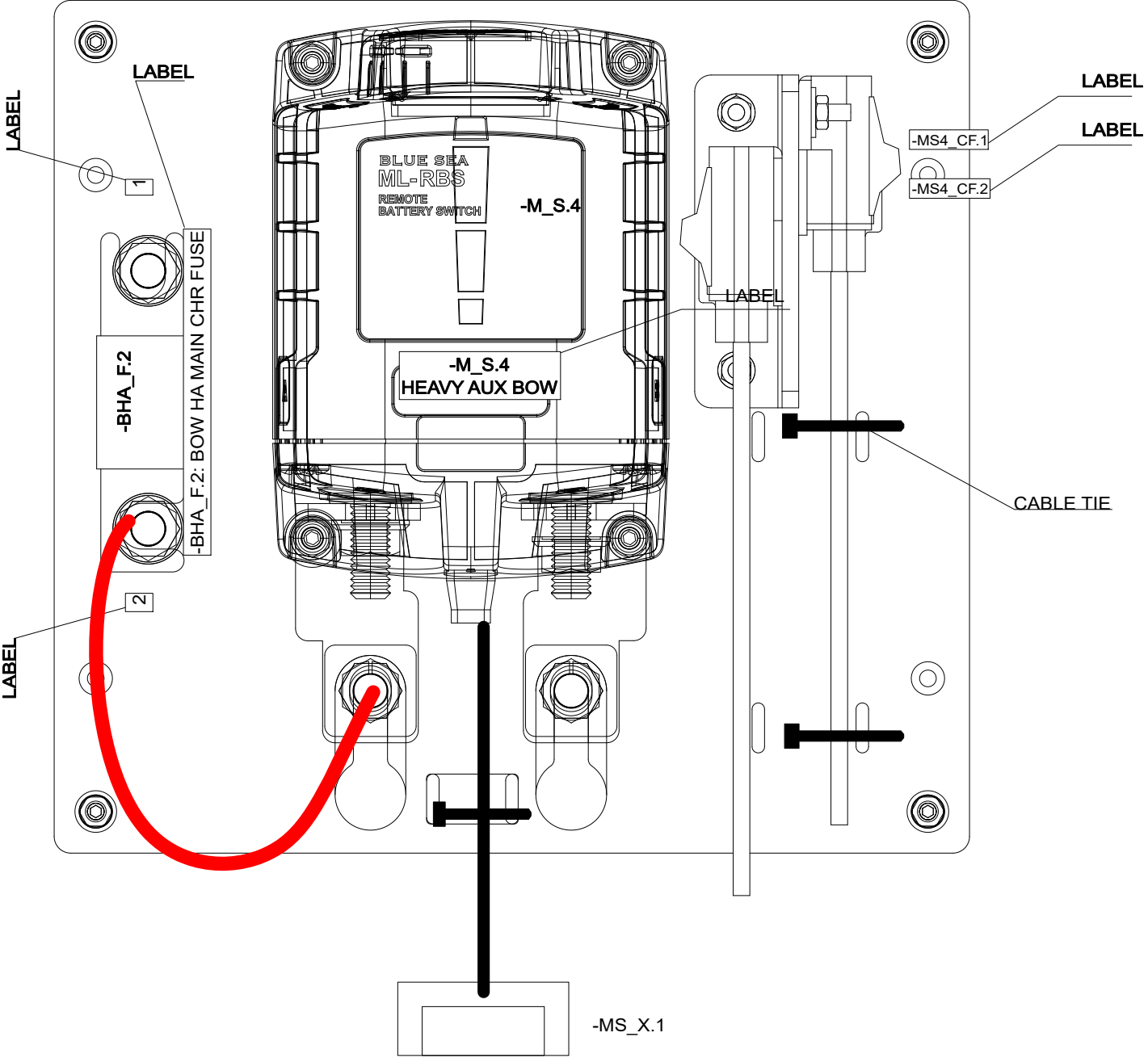
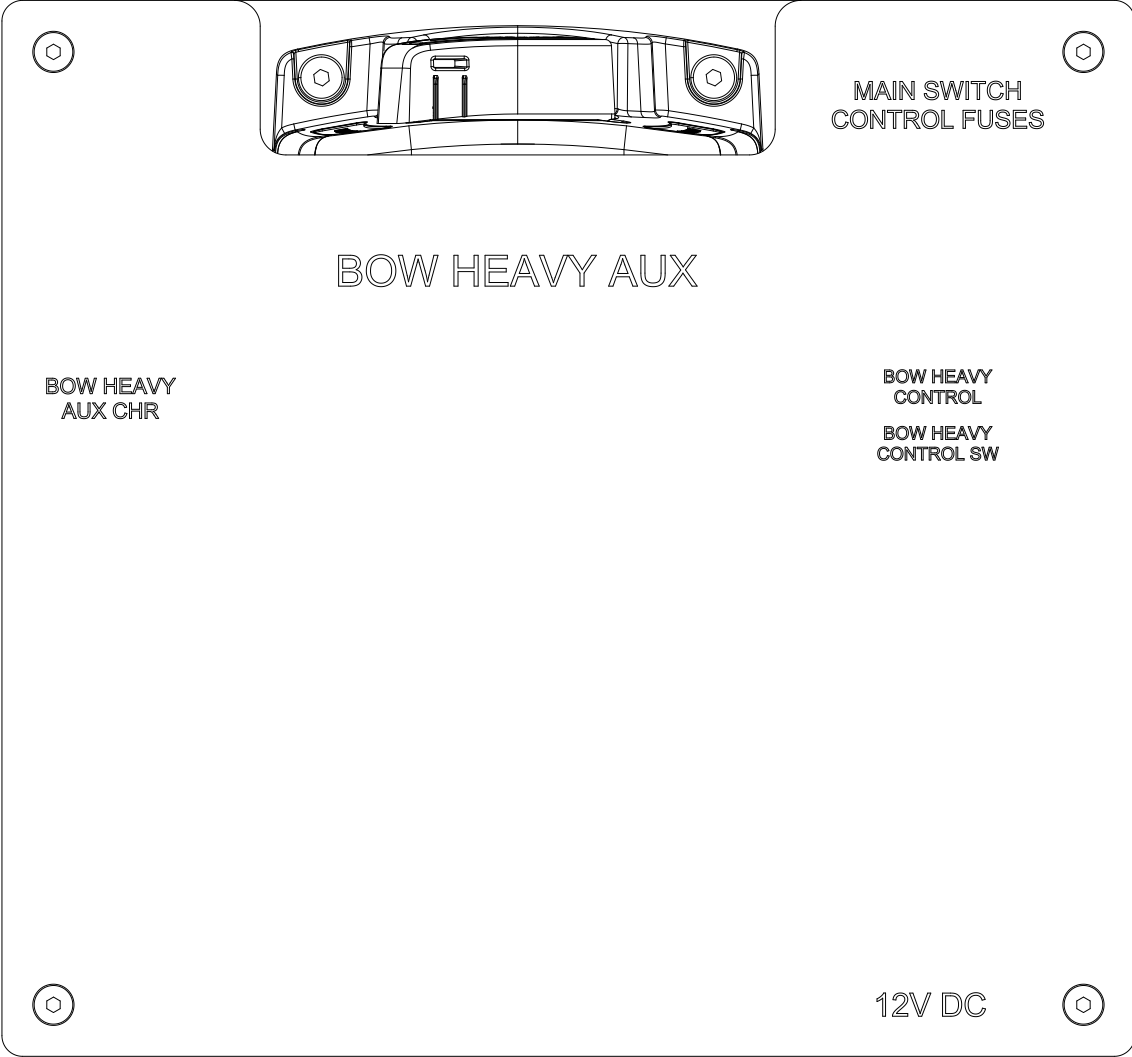
DEVICE / BUSBAR CONDUCTIVE AREA

EXAMPLE



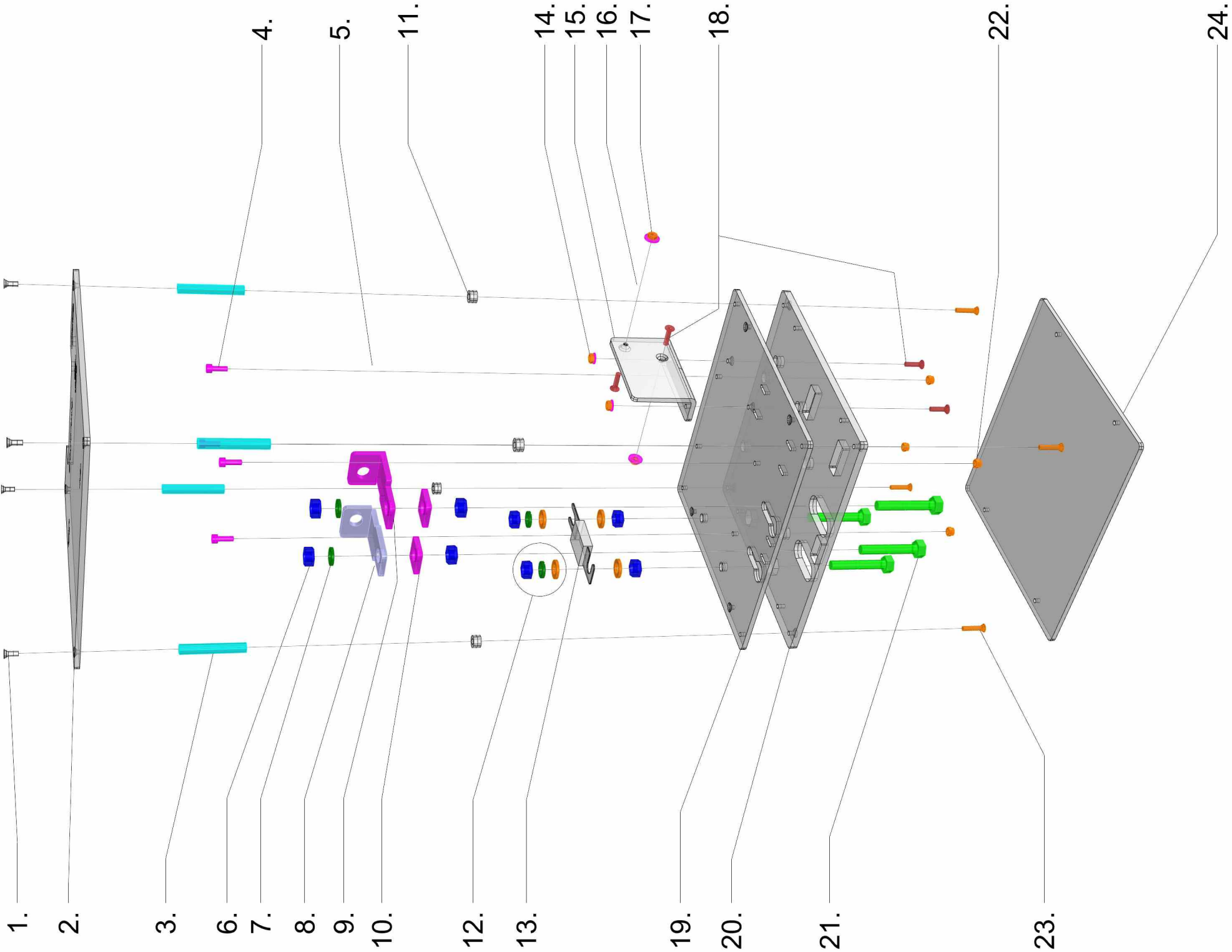
15.4.2024	PF	G6: 2005054; Not modified	Date	NAVIX designed solutions Copyright by	Axopar	SEE EXP VIEW Sub-product code	29597 Product code	Project ID	
22.9.2021	VV	E5: NOT MODIFIED / REVISION RETURNED TO REV. E.	Drawing by TuM		Boat				
17.2.2023	RK	F6: FUSE HOLDERS CHANGED TO 31516.	Sheet rev. 6		37 MY20	BOW HEAVY AUX MAIN SWITCH UNIT	HL	132 / 210 Sheet	
Date of modification	Modified by	Description	Project rev. G		Boat model	Title	Loc		

GENERAL LAYOUT / LABLES / CABLE ROUTES



15.4.2024	PF	G6: 2005054; Not modified	Date	NAVIX designed solutions Copyright by	Axopar	SEE EXP VIEW	29597	Project ID	
22.9.2021	VV	E5: NOT MODIFIED / REVISION RETURNED TO REV. E.	Drawing by TuM		Boat				
17.2.2023	RK	F6: FUSE HOLDERS CHANGED TO 31516.	Sheet rev. 6		37 MY20	BOW HEAVY AUX	HL	133 / 210	
Date of modification	Modified by	Description	Project rev. G		Boat model	MAIN SWITCH UNIT	Loc		Sheet

EXP VIEW



29597_AXOPAR_37_MY20_BOW_HEAVY_AUX_MAIN_SWITCH_UNIT

29597_AXOPAR_37_MY20_BOW_HEAVY_AUX_MAIN_SWITCH_UNIT

1. 4PCS VMI30914 Countersunk Head Screw M4x10 DIN7991

2. 1PC 29868_AXOPAR_37_MY20_BOW_HEAVY_AUX_MSU_COVER_(WOC)

3. 4PCS VMI32041 Extension Bolt M4-L50mm

4. 4PCS VMI30944 HEX SOCKET HEAD CAP SCREW M4X12 DIN912

5. 1PC BLUE SEA ML-RBS

6. 4PCS VMI32012 HEX NUT M8 DIN934

7. 2PCS VMI32011 SPRING LOCK WASHER M8 DIN127

8. 1PC 20329_VIRTAKISKO_BLUE_SEA_ML_SHORT_LEFT

9. 1PC 20330_VIRTAKISKO_BLUE_SEA_ML_SHORT_RIGHT

10. 2PCS 3667

11. 4PCS 18455_NAVIX_LINE_6mm_ABS_SPACER_FOR_M5

12. 4PCS VMI32012 HEX NUT M8 DIN934

2PCS VMI32011 SPRING LOCK WASHER M8 DIN127

4PCS VMI32013 Flat Washer for HEX bolts and nuts M8 DIN125A

13. 1PC ANL (as in diagram)

14. 2PCS VMI30904 SPRING LOCK WASHER M4 DIN127

2PCS VMI30905 HEX NUT M4 DIN934
15. 1PC 38604_NAVIX_LINE_BRACKET_FOR_31516_FUSEHOLDER_(WOC)

16. 2PCS 31516_Fuseholder waterproof ATO ATC 5065B-BSS

17. 2PCS VMI30906 Flat Washer for HEX bolts and nuts M4 DIN125A

2PCS VMI30905 HEX NUT M4 DIN934

18. 4PCS VMI30917 COUNTERSUNK HEAD SCREW HEX SOCKET M4X16 DIN7991

19. 1PC 29869_AXOPAR_37_MY20_BOW_HEAVY_AUX_MSU_TOP_(WOC)

20. 1PC 29870_AXOPAR_37_MY20_BOW_HEAVY_AUX_MSU_MID_(WOC)

21. 4PCS VMI32021 HEX BOLT FULL THREAD M8X50 DIN933

22. 4PCS VMI30818 Self-locking Hexagon Nut M4 DIN985

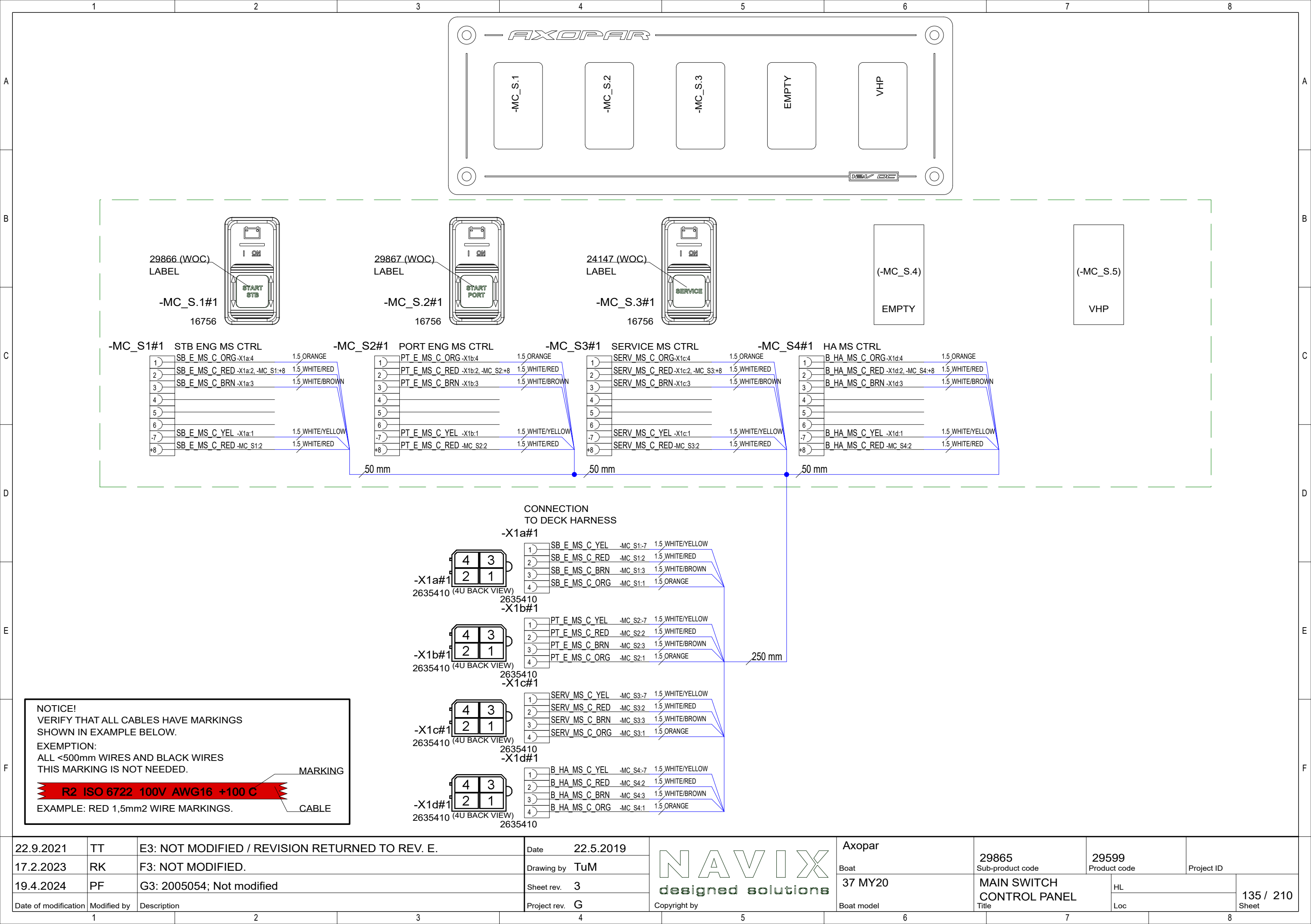
23. 4PCS VMI30918 Countersunk Head Screw M4x20 DIN7991

24. 1PC 29871_AXOPAR_37_MY20_BOW_HEAVY_AUX_MSU_BOTTOM_(WOC)

4PCS CONNECT 29871 WITH CABLE TIE DURING TRANSPORTATION

TE 10.06.2019
TE 15.03.2023

15.4.2024	PF	G6: 2005054; Not modified	Date	NAVIX designed solutions Copyright by	Axopar	SEE EXP VIEW	29597		Project ID	134 / 210
22.9.2021	VV	E5: NOT MODIFIED / REVISION RETURNED TO REV. E.	Drawing by TuM		Boat		Sub-product code	Product code		
17.2.2023	RK	F6: FUSE HOLDERS CHANGED TO 31516.	Sheet rev. 6		37 MY20	BOW HEAVY AUX	HL			
Date of modification	Modified by	Description	Project rev. G		Boat model	MAIN SWITCH UNIT	Loc			



22.9.2021	TT	E3: NOT MODIFIED / REVISION RETURNED TO REV. E.	Date	22.5.2019	NAVIX designed solutions Copyright by	Axopar		29865		29599		Project ID	
17.2.2023	RK	F3: NOT MODIFIED.	Drawing by	TuM		Boat	Sub-product code		Product code		Project ID		
19.4.2024	PF	G3: 2005054; Not modified	Sheet rev.	3		37 MY20		MAIN SWITCH CONTROL PANEL		HL		135 / 210	
Date of modification	Modified by	Description	Project rev.	G		Boat model		Title		Loc		Sheet	

NOTICE!
BATTERY CABLES NEED TO ADD MARKINGS
SHOWN IN EXAMPLE BELOW.
EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.

MARKING

R2 ISO 6722 100V AWG6 +100 C

CABLE

EXAMPLE: RED 16mm2 WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

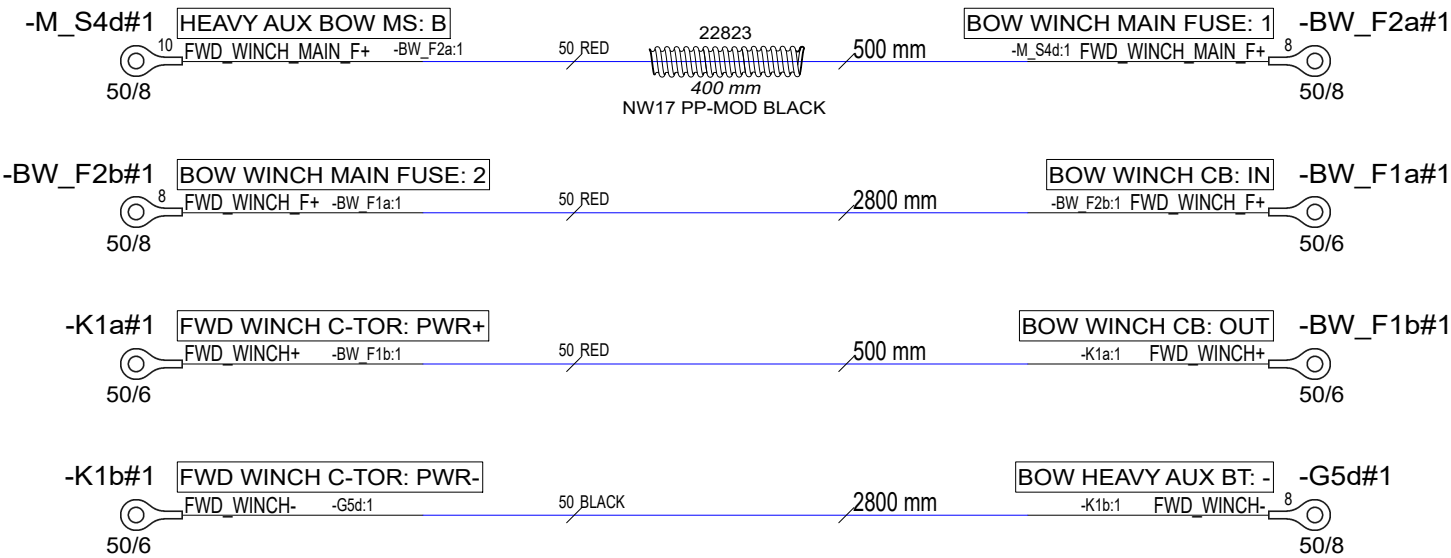
	EQUIVALENCY:	
	mm2	AWG
LOOK FOR EQUIVALENT AWG SIZE FOR mm2 AND ADD THIS TO CABLE MARKINGS.	10 mm2	= AWG8
	16 mm2	= AWG6
	25 mm2	= AWG3
	35 mm2	= AWG2

FOR EXAMPLE:
CABLE SIZE IS 25mm2 --> MARKING AWG3.

NOTICE! CABLES WITH STICKER

FOR EXAMPLE

HEAVY AMP: POWER+



INCLUDED

LABEL

-BW_F.2#1

IGN PROT FUSE ANL 125A 23031

14978 ANL FUSE HOLDER

125A

LABEL

-BW_F.2: BOW WINCH MAIN FUSE

LABEL INSTRUCTIONS

NOTICE! PUT LABELS TO FUSE HOLDER
BASE - NOT TO COVER.

1 LABEL

(TOP VIEW)

2 LABEL

LABEL

(SIDE VIEW)
(with cover)

COVER

BASE

19.4.2024	PF	G4: 2005054; Not modified	Date	22.5.2019	Axopar		29603	
30.7.2024	PF	G5: 2005139; G5d cable lug change	Drawing by	TuM	Boat	Sub-product code	Product code	Project ID
17.10.2023	PF	F4: 2004916; Cable and fuse sizes increased	Sheet rev.	5	37 MY20	BOW WINCH CABLE SET	HL	137 / 210
Date of modification	Modified by	Description	Project rev.	G	Boat model	Title	Loc	Sheet

NOTICE!
BATTERY CABLES NEED TO ADD MARKINGS
SHOWN IN EXAMPLE BELOW.
EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.

MARKING

R2 ISO 6722 100V AWG6 +100 C

CABLE

EXAMPLE: RED 16mm2 WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

	EQUIVALENCY:	
	mm2	AWG
LOOK FOR EQUIVALENT AWG SIZE FOR mm2 AND ADD THIS TO CABLE MARKINGS.	10 mm2	= AWG8
	16 mm2	= AWG6
	25 mm2	= AWG3
FOR EXAMPLE: CABLE SIZE IS 25mm2 --> MARKING AWG3.	35 mm2	= AWG2

DOCUMENTS INCLUDED:

29604 BATTERY BOX
ANCH WINCH CABLE SET

NOTICE! CABLES WITH STICKER

FOR EXAMPLE
HEAVY AMP: POWER+

-AW_F1b#1

50/8

AFT ANCH W FUSE

AFT_WINCH+ -K2a:1

50 RED

22823

4500 mm

NW17 PP-MOD BLACK

4700 mm

AFT WINCH C-TOR: PWR+

-AW_F1b:1 AFT_WINCH+

-K2a#1

50/6

-B2c#1

50/10

MAIN DC NEG. POINT STB

AFT_WINCH- -K2b:1

50 BLACK

22823

3900 mm

NW17 PP-MOD BLACK

4100 mm

AFT WINCH C-TOR: PWR-

-B2c:1 AFT_WINCH-

-K2b#1

50/6

-M19a#1

50/6

AFT WINCH: 1

FWD_W_F2 -K2c:1

50 RED

1000 mm

AFT WINCH C-TOR: F2

-M19a:1 FWD_W_F2

-K2c#1

50/6

-M19b#1

50/6

AFT WINCH: 2

FWD_W_F1 -K2d:1

50 RED

1000 mm

AFT WINCH C-TOR: F1

-M19b:1 FWD_W_F1

-K2d#1

50/6

19.4.2024	PF	G4: 2005054; Not modified	Date	22.5.2019	NAVIX designed solutions Copyright by	Axopar	AFT WINCH CABLE SET	29604	Project ID	138 / 210 Sheet
17.2.2023	RK	F3: NOT MODIFIED.	Drawing by	TuM		Boat				
17.10.2023	PF	F4: 2004916; Cable sizes increased	Sheet rev.	4		37 MY20				
Date of modification	Modified by	Description	Project rev.	G		Boat model				
1	2	3	4	5	6	7	8			

NOTICE!
BATTERY CABLES NEED TO ADD MARKINGS
SHOWN IN EXAMPLE BELOW.

EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.

R2 ISO 6722 100V AWG6 +100 C

EXAMPLE: RED 16mm² WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

LOOK FOR EQUIVALENT AWG SIZE FOR mm2
AND ADD THIS TO CABLE MARKINGS.

FOR EXAMPLE:
CABLE SIZE IS 25mm² --> MARKING AWG3.

EQUIVALENCY:

mm2	AWG
-----	-----

10 mm² = AWG8

16 mm² = AWG6

25 mm² = AWG3

35 mm² = AWG2

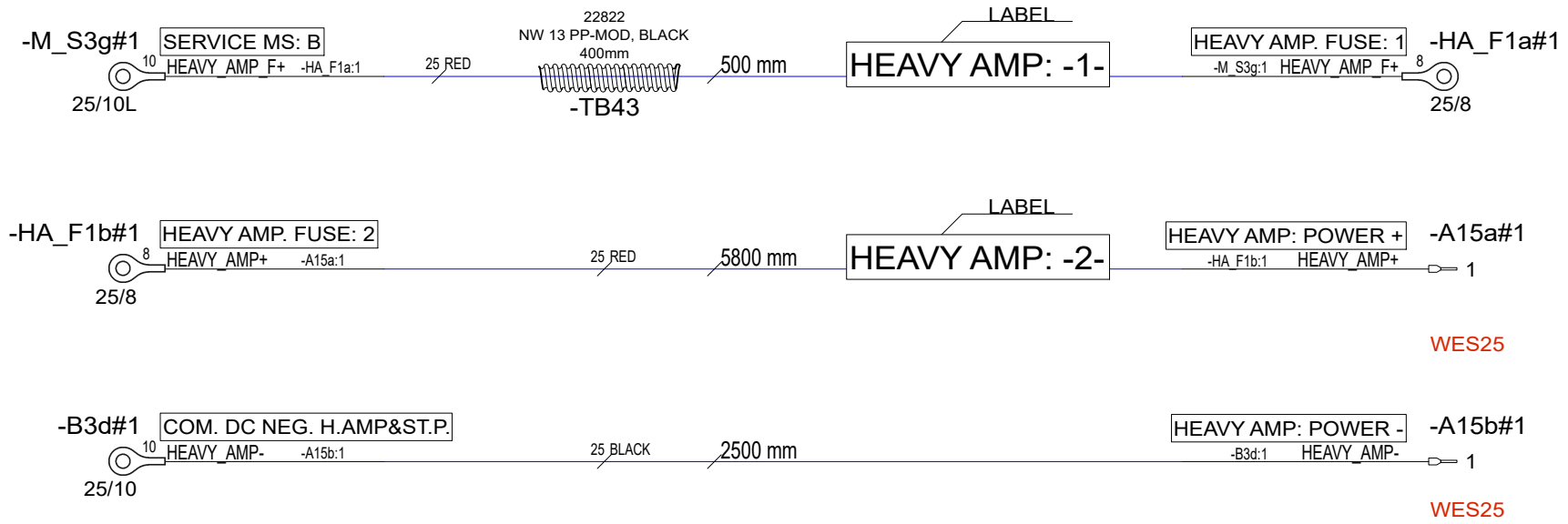
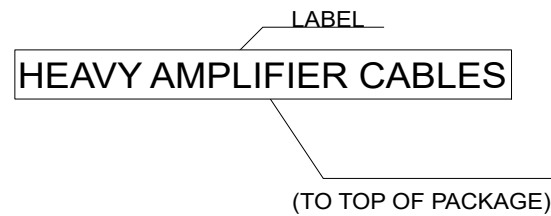
MARKING

CABLE

NOTICE! CABLES WITH STICKER

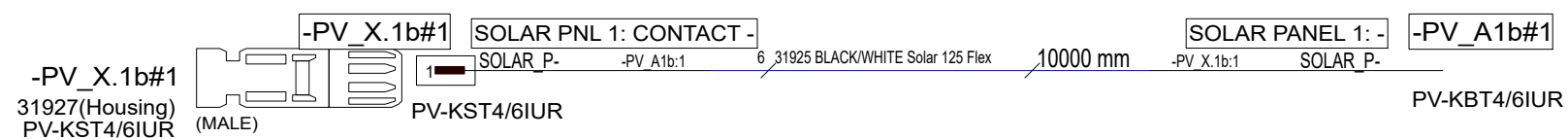
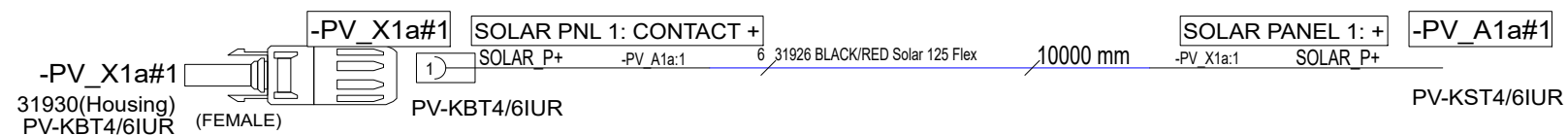
FOR EXAMPLE

HEAVY AMP: POWER+



PACKED TO OWN PACKAGE.

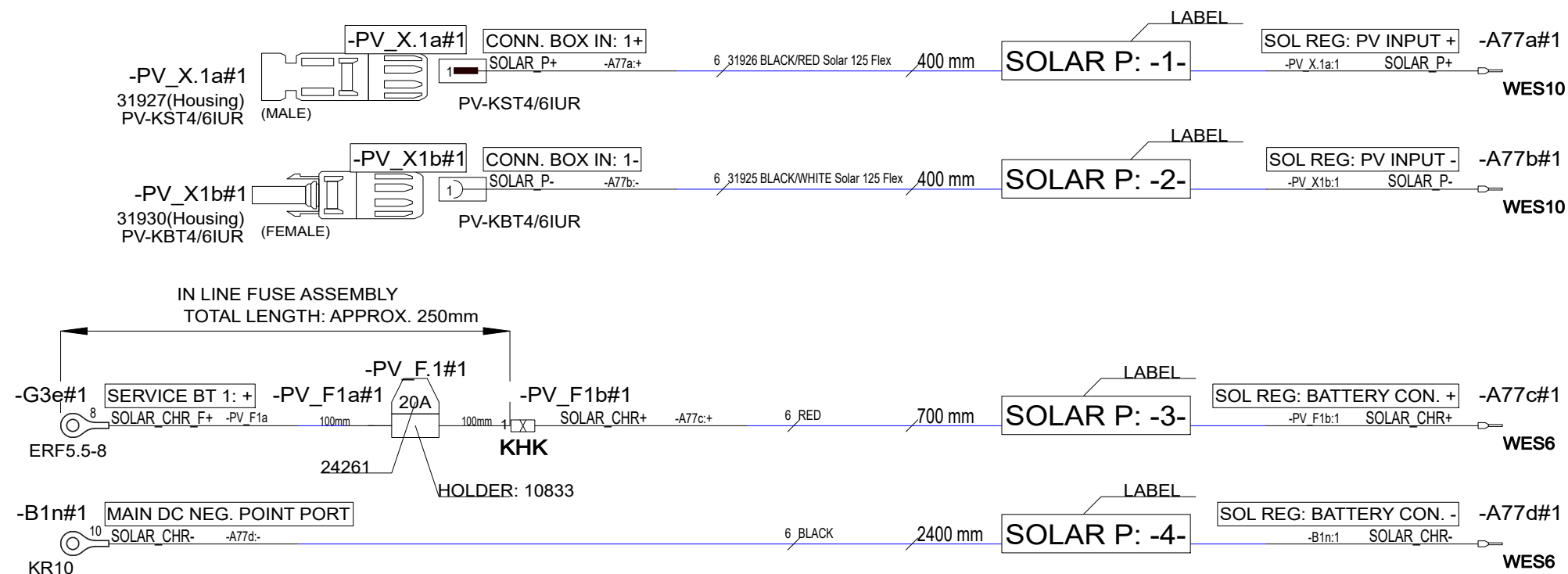
22.9.2021	VV	E4: NOT MODIFIED / REVISION RETURNED TO REV. E.	Date	21.5.2019	NAVIX designed solutions Copyright by	Axopar		29605		139 / 210
17.2.2023	RK	F5: LENGTH MODIFICATIONS.	Drawing by	TuM		Boat				
19.4.2024	PF	G5: 2005054; Not modified	Sheet rev.	5		37 MY20	HEAVY AMPLIFIER	HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	CABLES	Loc	Sheet	



LABEL

SOLAR PANEL CABLES

(TO TOP OF PACKAGE)

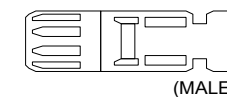


PACKED TO OWN PACKAGE.

DELIVERED SEPARATELY

SOLAR CABLE CONNECTORS

31927 Solar Connector MC4 Pin inc. housing



(PIN)

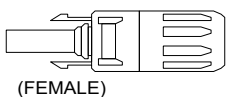
-PV_A1a#1
31927(Housing)
PV-KST4/6IUR

31927(Connector)

SOLAR PANEL CONNECTORS

31930 Solar Connector MC4 Socket inc. housing

-PV_A,1a
31930(Housing)
PV-KBT4/6IUR

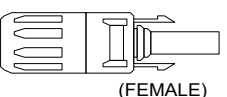


31927(Connector



(SOCKET

31930 Solar Connector MC4 Socket inc. housing

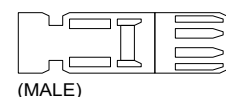
 (SOCKET)

-PV_A1b#1
31930(Housing
PV-KBT4/6IUF

31930(Connector)

31927 Solar Connector MC4 Pin inc. housing

-PV_A.1b
31927(Housing)
PV-KST4/6IUR



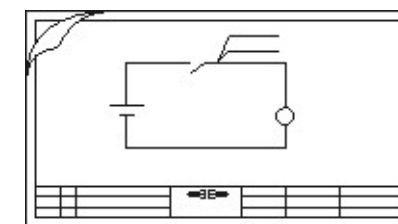
31930(Connector



(PIN)

NOTICE! CABLES WITH STICKER

FOR EXAMPLE
POINT -A-

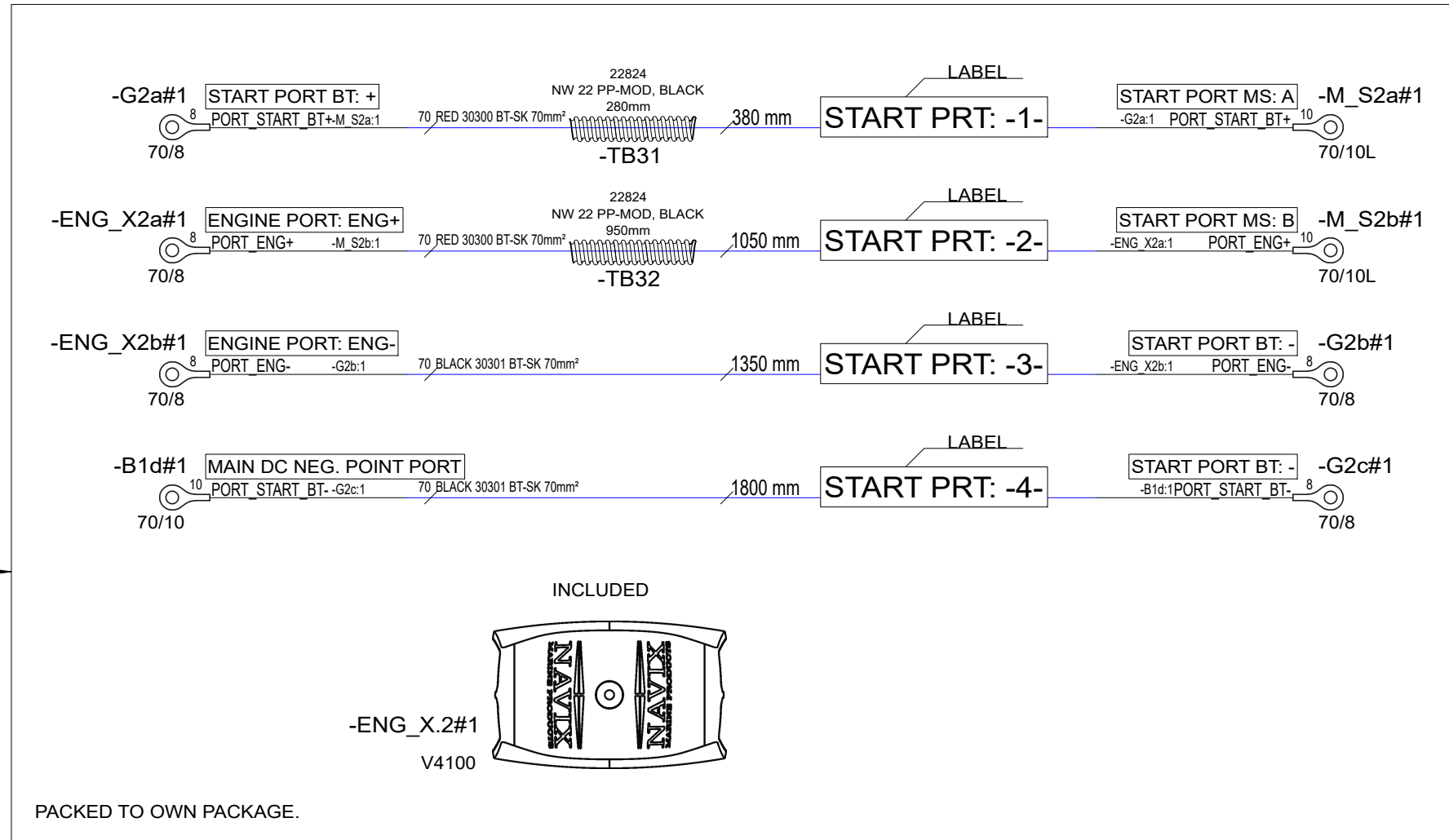


DOCUMENTS INCLUDED:

29606 BATTERY BOX
SOLAR PANEL CABLES

30.7.2024	PF	G5: 2005139; G3e terminal changed	Date	21.5.2019	NAVIX designed solutions Copyright by	Axopar		29606		140 / 210
17.2.2023	RK	F4: NOT MODIFIED.	Drawing by	TuM		Boat				
19.4.2024	PF	G4: 2005054; Not modified	Sheet rev.	5		37 MY20	SOLAR PANEL CABLES	HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc	Sheet	

A diagram illustrating the decomposition of a rectangle. A large rectangle is divided into a square on the left and a smaller rectangle on the right. The square is shaded red, and the smaller rectangle is shaded blue.



	EQUIVALENCY:
	mm ² AWG
	25 mm ² = AWG3
LOOK FOR EQUIVALENT AWG SIZE FOR mm ²	35 mm ² = AWG2
AND ADD THIS TO CABLE MARKINGS.	50 mm ² = AWG0
	70 mm ² = AWG2/0
FOR EXAMPLE:	95 mm ² = AWG3/0
CABLE SIZE IS 70mm ² --> MARKING AWG2/0.	120 mm ² = 250 kcmil

19.4.2024	PF	G5: 2005054; Not modified	Date	5.7.2019	NAVIX designed solutions Copyright by	Axopar	Sub-product code	29607	Project ID	
30.7.2024	PF	G6: 2005139; Cable lugs changed	Drawing by	TuM		Boat				37 MY20
17.2.2023	RK	F5: NOT MODIFIED.	Sheet rev.	6		Boat model	CABLES STANDARD	Title	Loc	Sheet
Date of modification	Modified by	Description	Project rev.	G						

HEAVY AMP: POWER+



POWER STEER CABLES

(TO TOP OF PACKAGE)

MARKING

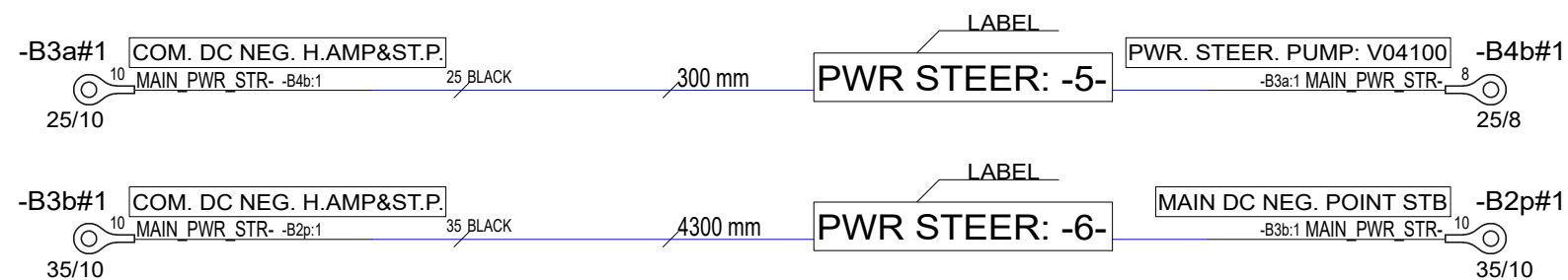
R2 ISO 6722 100V AWG6 +100 C

EXAMPLE: RED 16mm² WIRE MARKINGS.

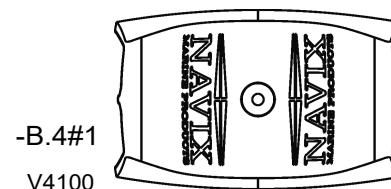
CABLE

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

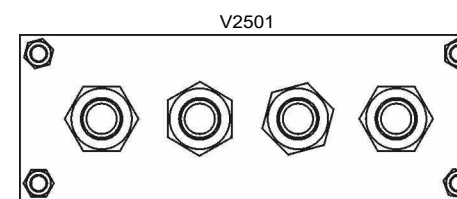
	EQUIVALENCY:
	mm2 AWG
LOOK FOR EQUIVALENT AWG SIZE FOR mm2 AND ADD THIS TO CABLE MARKINGS.	10 mm2 = AWG8 16 mm2 = AWG6 25 mm2 = AWG3 35 mm2 = AWG2
FOR EXAMPLE: CABLE SIZE IS 25mm2 --> MARKING AWG3.	



INCLUDED



PACKED TO OWN PACKAGE.



-B.3

LABEL

COM. DC NEG. H.AMP&ST.P

NAVIX

designed solutions

Copyright by

	Axopar
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Boat

37 MY20

Boat model

Sub-product code

BATTERY BOX
CABLES STANDARD

CA
Title

29607

Product code

HL

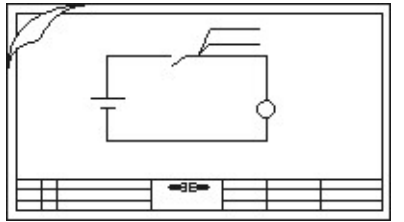
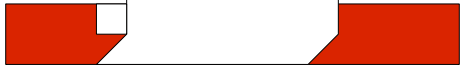
Loc

Project ID

143 / 210
Sheet

19.4.2024	PF	G5: 2005054; Not modified	Date	5.7.2019	NAVIX designed solutions Copyright by	Axopar		29607		143 / 210
30.7.2024	PF	G6: 2005139; Cable lugs changed	Drawing by	TuM		Boat				
17.2.2023	RK	F5: NOT MODIFIED.	Sheet rev.	6		37 MY20	BATTERY BOX	HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	CABLES STANDARD	Loc	Sheet	

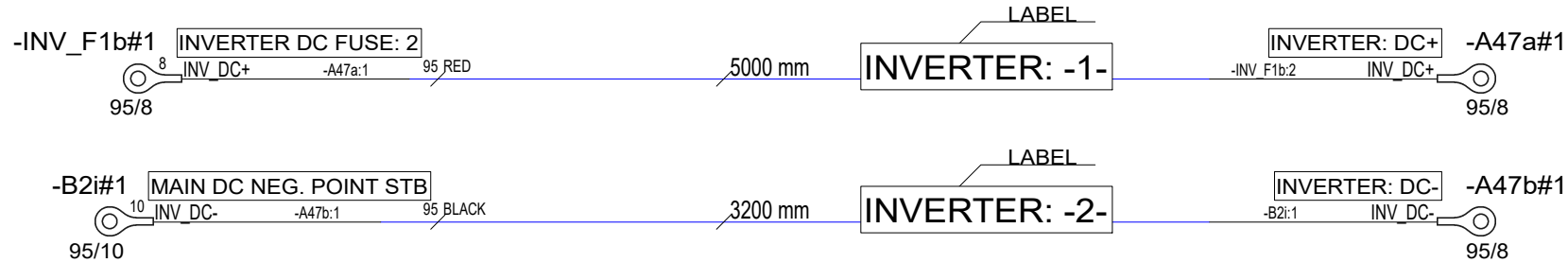
HEAVY AMP: POWER+



29611 BATTERY BOX
INVERTER CABLE SET

INVERTER CABLES

(TO TOP OF PACKAGE)



PACKED TO OWN PACKAGE.

MARKING

R2 ISO 6722 100V AWG6 +100 C

EXAMPLE: RED 16mm² WIRE MARKINGS.

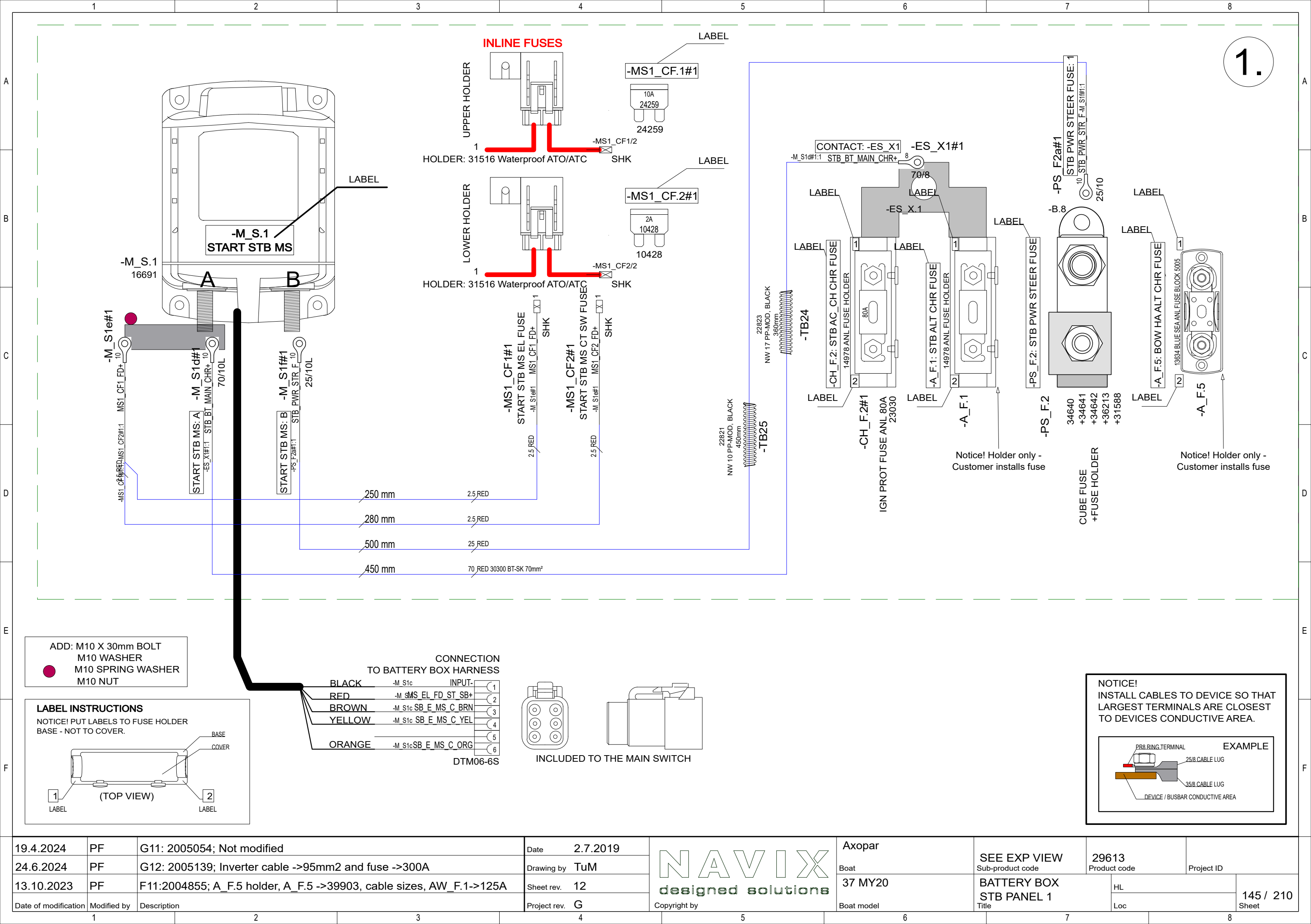
CABLE

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

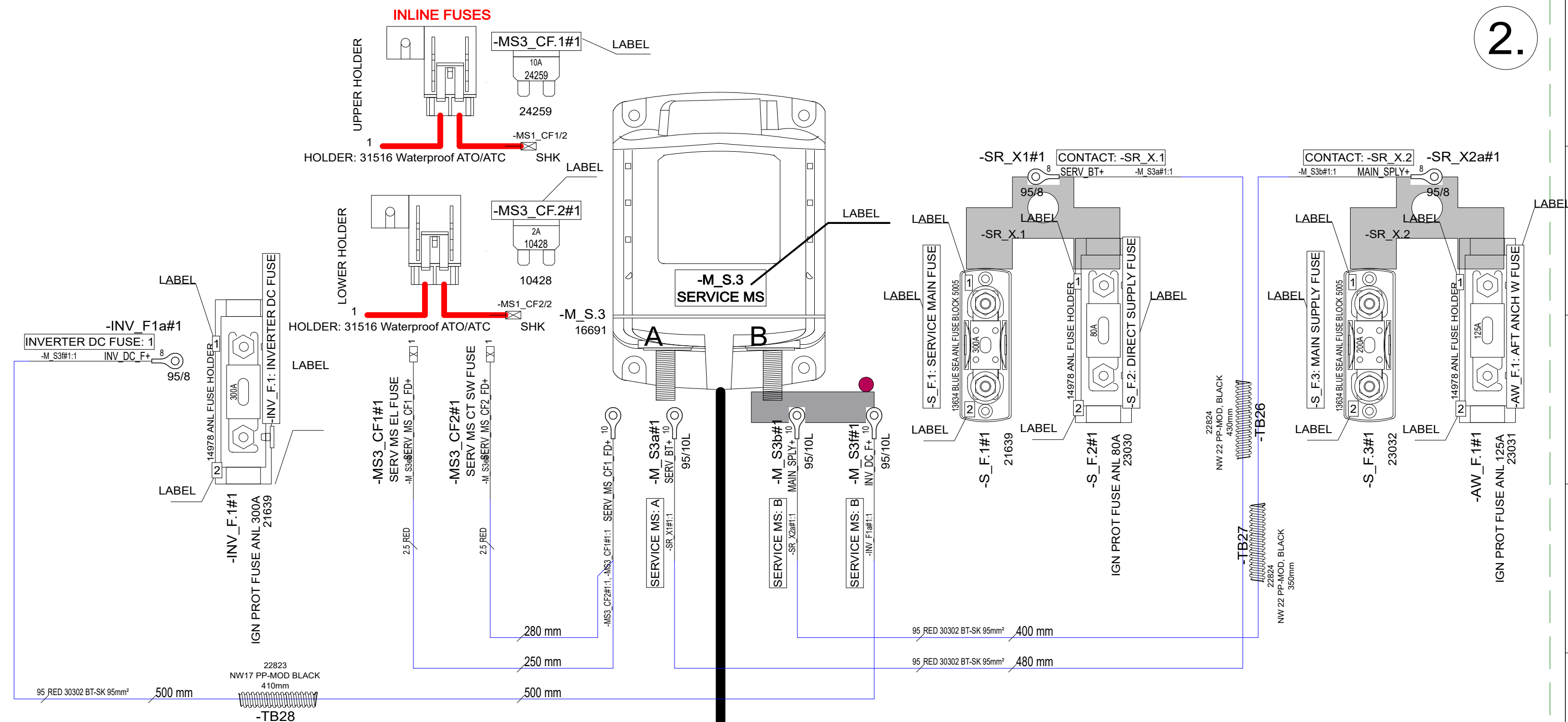
	EQUIVALENCY:
	mm2 AWG
LOOK FOR EQUIVALENT AWG SIZE FOR mm2	10 mm2 = AWG8
AND ADD THIS TO CABLE MARKINGS.	16 mm2 = AWG6
	25 mm2 = AWG3
FOR EXAMPLE:	35 mm2 = AWG2
CABLE SIZE IS 25mm2 --> MARKING AWG3.	

19.4.2024	PF	G3: 2005054; Not modified	Date	6.7.2019	NAVIX designed solutions Copyright by	Axopar	Sub-product code	29611	Product code	Project ID
24.6.2024	PF	G4: 2005139; Cables 25mm2->95mm2, lengths changed	Drawing by	TuM		Boat				
17.2.2023	RK	F3: NOT MODIFIED.	Sheet rev.	4		37 MY20	BATTERY BOX	HL	144 / 210	
Date of modification	Modified by	Description	Project rev.	G		Boat model	INVERTER CABLE SET	Loc		Sheet

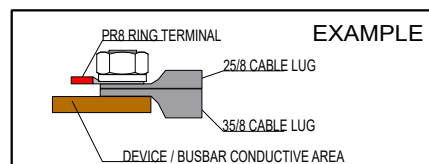
NAVIX
designed solutions
Copyright by



19.4.2024	PF	G11: 2005054; Not modified	Date	2.7.2019	NAVIX designed solutions Copyright by	Axopar	SEE EXP VIEW	29613	Project ID
24.6.2024	PF	G12: 2005139; Inverter cable ->95mm2 and fuse ->300A	Drawing by	TuM		Boat	Sub-product code	Product code	
13.10.2023	PF	F11:2004855; A_F.5 holder, A_F.5 ->39903, cable sizes, AW_F.1->125A	Sheet rev.	12		37 MY20	BATTERY BOX	HL	
Date of modification	Modified by	Description	Project rev.	G		Boat model	STB PANEL 1	Loc	
1	2	3	4	5	6	7	8	9	10

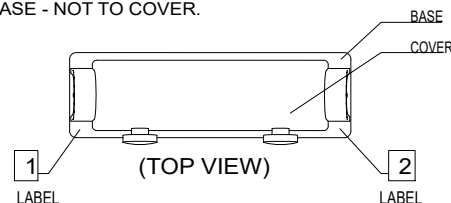


NOTICE!
INSTALL CABLES TO DEVICE SO THAT
LARGEST TERMINALS ARE CLOSEST
TO DEVICES CONDUCTIVE AREA.



LABEL INSTRUCTIONS

NOTICE! PUT LABELS TO FUSE HOLDER
BASE - NOT TO COVER.

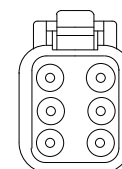


ADD: M10 X 30mm BOLT
M10 WASHER
M10 SPRING WASHER
M10 NUT

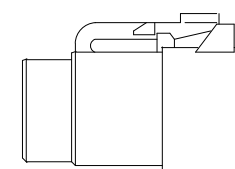
CONNECTION TO BATTERY BOX HARNESS

BLACK	-M S3c	INPUT-	1
RED	-M S3SERV_MS_C_RED		2
BROWN	-M S3cSERV_MS_C_BRN		3
YELLOW	-M S3cSERV_MS_C_YEL		4
			5
ORANGE	-M S3cSERV_MS_C_ORG		6

DTM06-6S

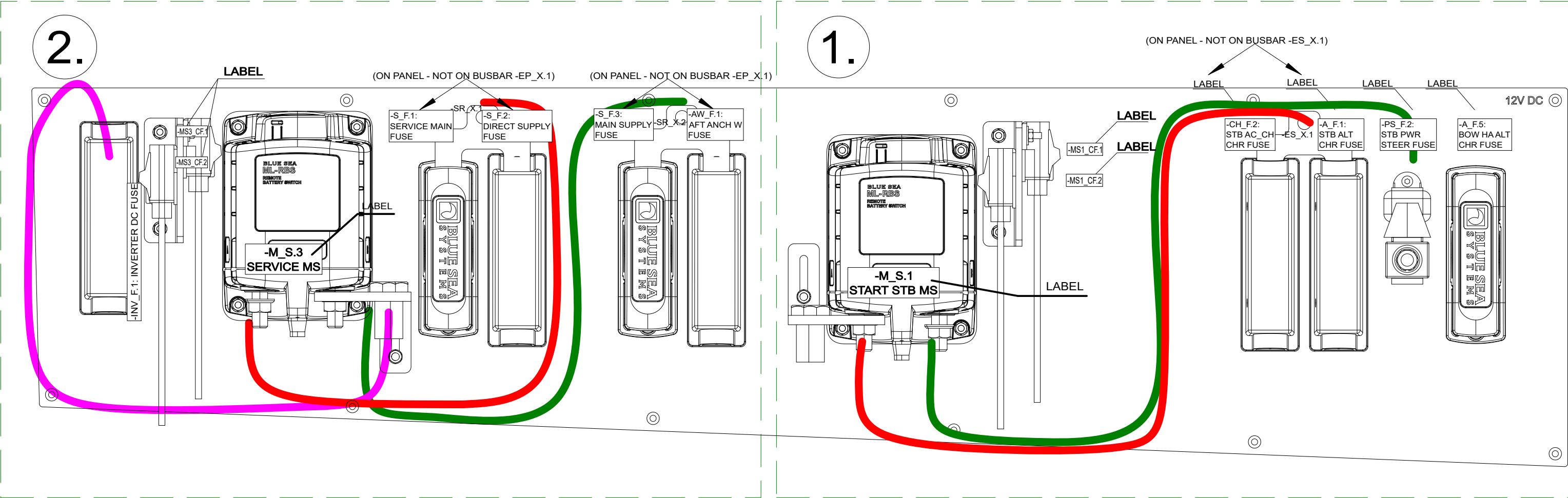


INCLUDED TO THE MAIN SWITCH



19.4.2024	PF	G11: 2005054; Not modified	Date	3.7.2019	 designed solutions Copyright by	Axopar	SEE EXP VIEW Sub-product code	29613 Product code	Project ID
24.6.2024	PF	G12: 2005139; Inverter cable ->95mm2 and fuse ->300A	Drawing by	TuM		Boat			
13.10.2023	PF	F11:2004855; A_F.5 holder, A_F.5 ->39903, cable sizes, AW_F.1->125A	Sheet rev.	12		37 MY20	BATTERY BOX STB PANEL 1	HL	146 / 210 Sheet
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc	

GENERAL LAYOUT/ LABELS / CABLE ROUTING



NOTICE!
BATTERY CABLES NEED TO ADD MARKINGS
SHOWN IN EXAMPLE BELOW.

EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.

MARKING

BT-SK 750V AWG2 +100 C

CABLE

EXAMPLE: RED 50mm2 WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

	EQUIVALENCY:	
	mm2	AWG
LOOK FOR EQUIVALENT AWG SIZE FOR mm2 AND ADD THIS TO CABLE MARKINGS.	25 mm2	= AWG3
	35 mm2	= AWG2
	50 mm2	= AWG0
	70 mm2	= AWG2/0
	95 mm2	= AWG3/0
FOR EXAMPLE: CABLE SIZE IS 70mm2 --> MARKING AWG2/0.	120 mm2	= 250 kcmil

NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.

EXEMPTION:
ALL <500mm WIRES, BLACK WIRES AND HI-FLEX CABLES
THIS MARKING IS NOT NEEDED.

MARKING

R2 ISO 6722 100V AWG16 +100 C

CABLE

EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

NOTICE! CABLES WITH STICKER

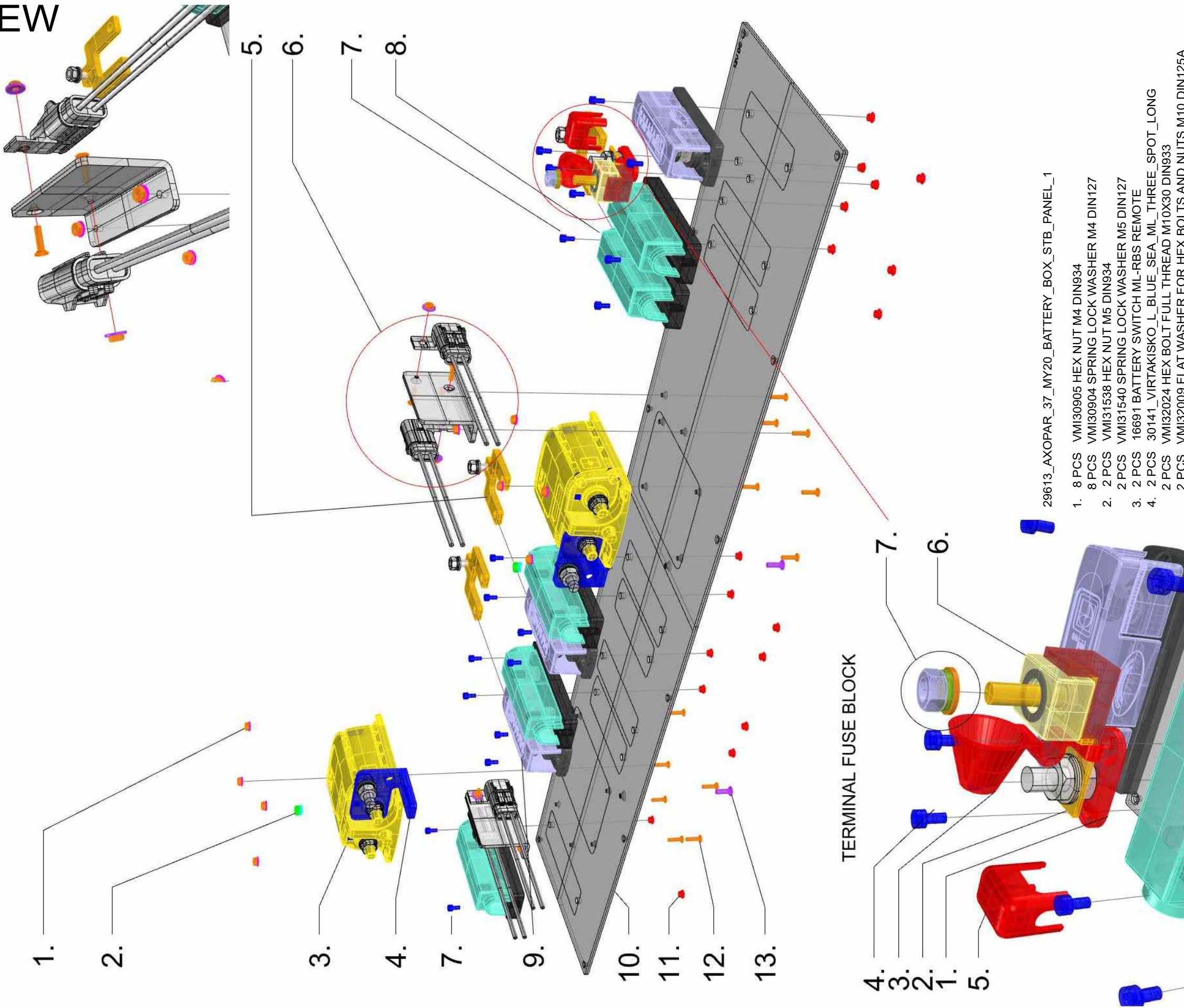
FOR EXAMPLE
HEAVY AMP: POWER+

19.4.2024	PF	G11: 2005054; Not modified	Date	3.7.2019	NAVIX designed solutions	Axopar	SEE EXP VIEW	29613	Project ID	147 / 210
24.6.2024	PF	G12: 2005139; Inverter cable ->95mm2 and fuse ->300A	Drawing by	TuM		Boat	Sub-product code	Product code		
13.10.2023	PF	F11:2004855; A_F.5 holder, A_F.5 ->39903, cable sizes, AW_F.1->125A	Sheet rev.	12	Copyright by	37 MY20	BATTERY BOX	HL	Loc	Sheet
Date of modification	Modified by	Description	Project rev.	G		Boat model	STB PANEL 1	Loc		

29613_AXOPAR_37_MY20_BATTERY_BOX_STB_PANEL_1

EXP VIEW

BRACKET FOR 31516 FUSEHOLDER



29613_AXOPAR_37_MY20_BATTERY_BOX_STB_PANEL_1

- 1. 8 PCS VMI30905 HEX NUT M4 DIN934
- 8 PCS VMI30904 SPRING LOCK WASHER M4 DIN127
- 2. 2 PCS VMI31538 HEX NUT M5 DIN934
- 2 PCS VMI31540 SPRING LOCK WASHER M5 DIN127
- 3. 2 PCS 16691 BATTERY SWITCH ML-RBS REMOTE
- 4. 2 PCS 30141_VIRTAKISKO_L_BLUE_SEA_ML_THREE_SPOT_LONG
- 2 PCS VMI32024 HEX BOLT FULL THREAD M10X30 DIN933
- 2 PCS VMI32009 FLAT WASHER FOR HEX BOLTS AND NUTS M10 DIN125A
- 2 PCS VMI32008 SPRING LOCK WASHER M10 DIN127
- 2 PCS VMI32010 HEX NUT M10 DIN934
- 5. 3 PCS 30142_ANL_CONNECTION_BAR_DOUBLE
- 3 PCS VMI32018 HEX BOLT FULL THREAD M8X25 DIN933
- 3 PCS VMI32013 FLAT WASHER FOR HEX BOLTS AND NUTS M8 DIN125A
- 3 PCS VMI32011 SPRING LOCK WASHER M8 DIN127
- 3 PCS VMI32012 HEX NUT M8 DIN934
- 6. 4 PCS 31516_Fuseholder waterproof ATO ATC 5065B-BSS (as in diagram)
- 2 PC 38604_NAVIX_LINE_BRACKET_FOR_31516_FUSEHOLDER_(WOC)
- 8 PC VMI30906 Flat Washer for HEX bolts and nuts M4 DIN125A
- 8 PC VMI30905 HEX NUT M4 DIN934
- 4 PC VMI30917 COUNTERSUNK HEAD SCREW HEX SOCKET M4X16 DIN7991
- 7. 16 PCS VMI30942 HEX SOCKET HEAD CAP SCREW M4X8 DIN912
- 8. 5 PCS 14978_ANL_FUSE HOLDER
- 9. 3 PCS 13634 Blue Sea ANL FUSE BLOCK 5005 35A to 300A (as in diagram)
- 10. 1 PC 29896_AXOPAR_37_MY20_BATTERY_BOX_STB_PANEL_1_(WOC)_V7
- 11. 18 PCS 9872 PURISTEVÄLHOLKKI ETSOS M4X4
- 12. 12 PCS VMI30917 COUNTERSUNK HEAD SCREW HEX SOCKET M4X16 DIN7991
- 13. 2 PCS VMI31796 COUNTERSUNK HEAD SCREW HEX SOCKET M5X16 DIN7991

TERMINAL FUSE BLOCK - as in diagram

- 1. 1pc 36213 POWER DISTRIBUTION STUD (S-10mm-1R
- 2. 1pc 34642 CFBAR1-250SP SINGLE STUD
- 3. 1pc 34641-B.6 CFCOVER-1R SINGLE STUD/RED
- 4. 2pcs VMI30942 HEX SOCKET HEAD CAP SCREW M4X8 DIN912
- 5. 1pc 31588 INSULATED COVER POSITIVE RED ISC-10R
- 6. 1pc 34640-PS_F.6 CUBE FUSE MRFB-080 80A
- 7. 1pc VMI36860 HEX NUT 1/4" "UNC A4
- 1pc VMI31830 SPRING LOCK WASHER M6 DIN127
- 1pc VMI31831 FLAT WASHER FOR HEX BOLTS AND NUTS M6 DIN125A
- 1pc VMI36859 FLAT WIDE WASHER FOR HEX BOLTS AND NUTS M6

- TE 28.06.-19
- TE 30.09.-19
- MN 23.01.-20
- TE 17.04.-20
- TE 02.12.-21
- TE 14.03.-23
- MN 27.9.2023 (Project 2004855)

19.4.2024	PF	G11: 2005054; Not modified	Date	3.7.2019
24.6.2024	PF	G12: 2005139; Inverter cable ->95mm2 and fuse ->300A	Drawing by	TuM
13.10.2023	PF	F11:2004855; A_F.5 holder, A_F.5 ->39903, cable sizes, AW_F.1->125A	Sheet rev.	12
Date of modification	Modified by	Description	Project rev.	G

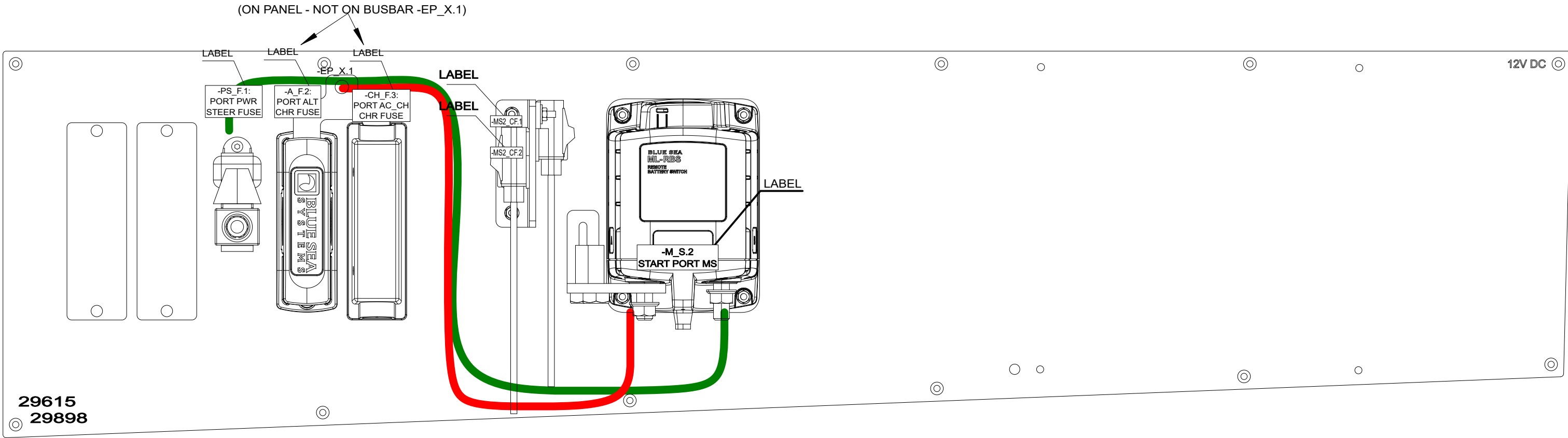
NAVIX

designed solutions

Copyright by

Axopar	SEE EXP VIEW	29613	Project ID
Boat	Sub-product code	Product code	
37 MY20	BATTERY BOX	HL	148 / 210
Boat model	STB PANEL 1	Loc	

GENERAL LAYOUT/ LABELS/ CABLE ROUTINGS



NOTICE!
BATTERY CABLES NEED TO ADD MARKINGS
SHOWN IN EXAMPLE BELOW.

EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.

MARKING

BT-SK 750V AWG2 +100 C

CABLE

EXAMPLE: RED 50mm2 WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

EQUIVALENCY:	
mm2	AWG
25 mm2	= AWG3
35 mm2	= AWG2
50 mm2	= AWG0
70 mm2	= AWG2/0
95 mm2	= AWG3/0
120 mm2	= 250 kcmil

LOOK FOR EQUIVALENT AWG SIZE FOR mm2
AND ADD THIS TO CABLE MARKINGS.

FOR EXAMPLE:
CABLE SIZE IS 70mm2 --> MARKING AWG2/0.

NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.

EXEMPTION:
ALL <500mm WIRES, BLACK WIRES AND HI-FLEX CABLES
THIS MARKING IS NOT NEEDED.

MARKING

R2 ISO 6722 100V AWG16 +100 C

CABLE

EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

NOTICE! CABLES WITH STICKER

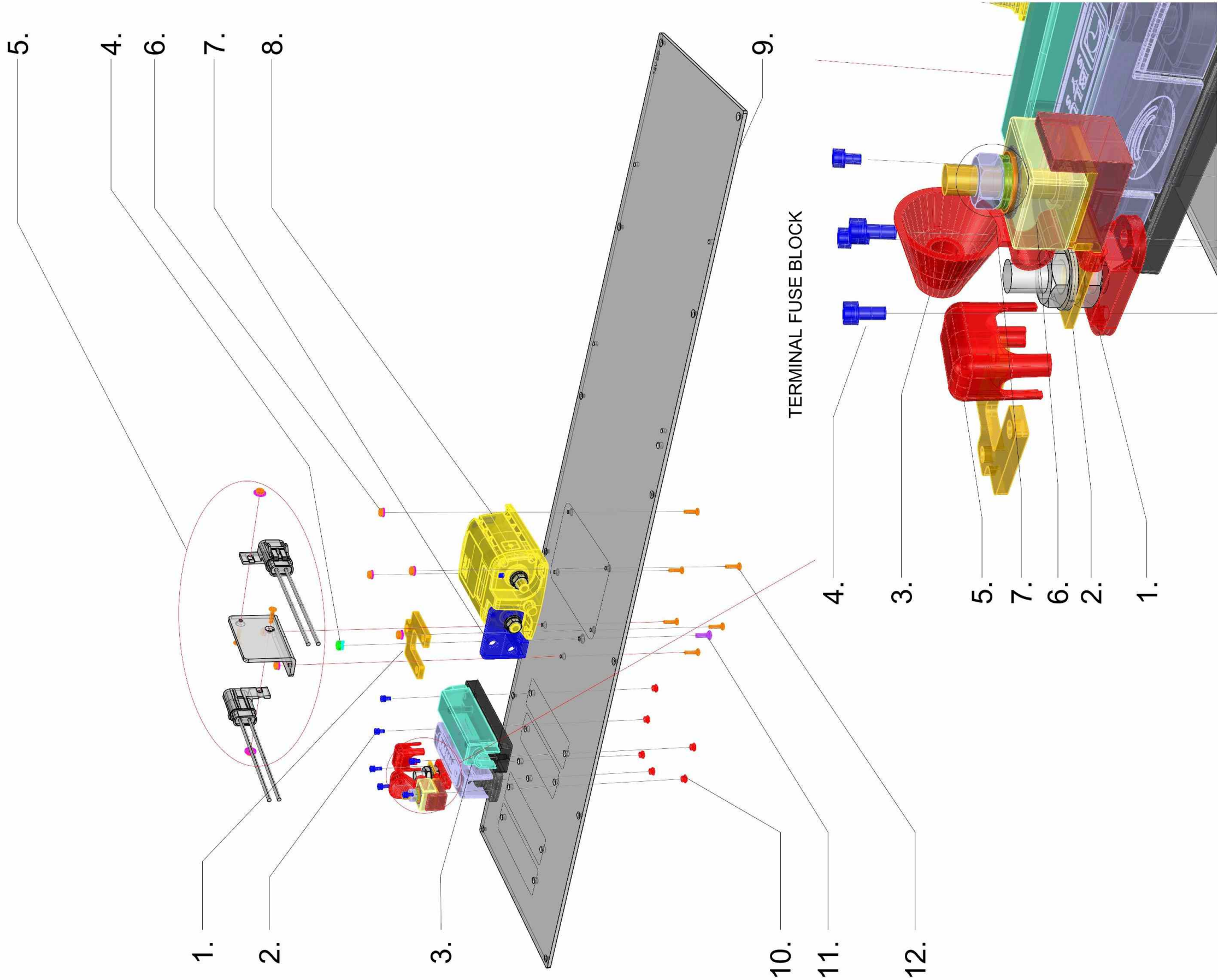
FOR EXAMPLE

HEAVY AMP: POWER+

17.2.2023	RK	F8: FUSE HOLDERS CHANGED TO 31516.	Date	1.7.2019	Axopar		SEE EXP VIEW		29615		Project ID	
13.10.2023	PF	F9: 2004855; A_F.2 holder -> Bluesea, fuse moved to 39902, cable sizes	Drawing by	TuM	Boat		Sub-product code		Product code			
11.4.2024	PF	G10: 2005054/2005139; Bow ch fuse removed	Sheet rev.	10	37 MY20		BATTERY BOX		PORT PANEL 1		HL	150 / 210
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc		Sheet	

29615_AXOPAR_37_MY20_BATTERY_BOX_PORT_PANEL_1

EXP VIEW



29615_AXOPAR_37_MY20_BATTERY_BOX_PORT_PANEL_1

- 1. 1 PC 30142_ANL_CONNECTION_BAR_DOUBLE
- 2. 4 PCS VMI30942 HEX SOCKET HEAD CAP SCREW M4X8 DIN912
- 3. 1 PC 14978_ANL_FUSE HOLDER
- 1 PC 13634 Blue Sea ANL FUSE BLOCK 5005 35A to 300A
- 4. 1 PC VMI31538 HEX NUT M5 DIN934
- 1 PC VMI31540 SPRING LOCK WASHER M5 DIN127
- 2 PCS 31516_Fuseholder waterproof ATO ATC 5065B-BSS (as in diagram)
- 1 PC 38604_NAVIX_LINE_BRACKET_FOR_31516_FUSEHOLDER_(WOC)
- 2 PC VMI30906 Flat Washer for HEX bolts and nuts M4 DIN125A
- 2 PC VMI30904 SPRING LOCK WASHER M4 DIN127
- 4 PC VMI30905 HEX NUT M4 DIN934
- 2 PC VMI30917 COUNTERSUNK HEAD SCREW HEX SOCKET M4X16 DIN7991
- 6. 4 PCS VMI30905 HEX NUT M4 DIN934
- 4 PCS VMI30904 SPRING LOCK WASHER M4 DIN127
- 7. 1 PC 30141_VIRTAKISKO_L_BLUE_SEA_ML_THREE_SPOT_LONG
- 8. 1 PC 16691 BATTERY SWITCH ML-RBS REMOTE
- 9. 1 PC 29898_AXOPAR_37_MY20_BATTERY_BOX_PORT_PANEL_1_(WOC_V7
- 10. 6 PCS 9872 PURISTEVÄLHOLKKI ETSOS M4X4
- 11. 1 PC VMI31796 COUNTERSUNK HEAD SCREW HEX SOCKET M5X16 DIN7991
- 12. 6 PCS VMI30917 COUNTERSUNK HEAD SCREW HEX SOCKET M4X16 DIN7991

- TERMINAL FUSE BLOCK - as in diagram
- 1. 1pc 36213 POWER DISTRIBUTION STUD IS-10mm-1R
 - 2. 1pc 34642 CFBAR1-250SP SINGLE STUD
 - 3. 1pc 34641 -B.6 CFCOVER-1R SINGLE STUD/RED
 - 4. 2pcs VMI30942 HEX SOCKET HEAD CAP SCREW M4X8 DIN912
 - 5. 1pc 31588 INSULATED COVER POSITIVE RED ISC-10R
 - 6. 1pc 34640 -PS_F.6 CUBE FUSE MRFB-080 80A
 - 7. 1pc VMI36860 HEX NUT 1/4" UNF A4
 - 1pc VMI31830 SPRING LOCK WASHER M6 DIN127
 - 1pc VMI31831 FLAT WASHER FOR HEX BOLTS AND NUTS M6 DIN125A
 - 1pc VMI36859 FLAT WIDE WASHER FOR HEX BOLTS AND NUTS M6

- TE 28.06.-19
- TE 11.10.-19
- TE 17.04.-20
- MN 09.09.-20
- TE 02.12.-21
- TE 14.03.-23
- MN 27.09.2023 (Project 2004855)
- HH 01.08.2024 (PROJECT 2005139)

17.2.2023	RK	F8: FUSE HOLDERS CHANGED TO 31516.	Date	1.7.2019
13.10.2023	PF	F9: 2004855; A_F.2 holder -> Bluesea, fuse moved to 39902, cable sizes	Drawing by	TuM
11.4.2024	PF	G10: 2005054/2005139; Bow ch fuse removed	Sheet rev.	10
Date of modification	Modified by	Description	Project rev.	G

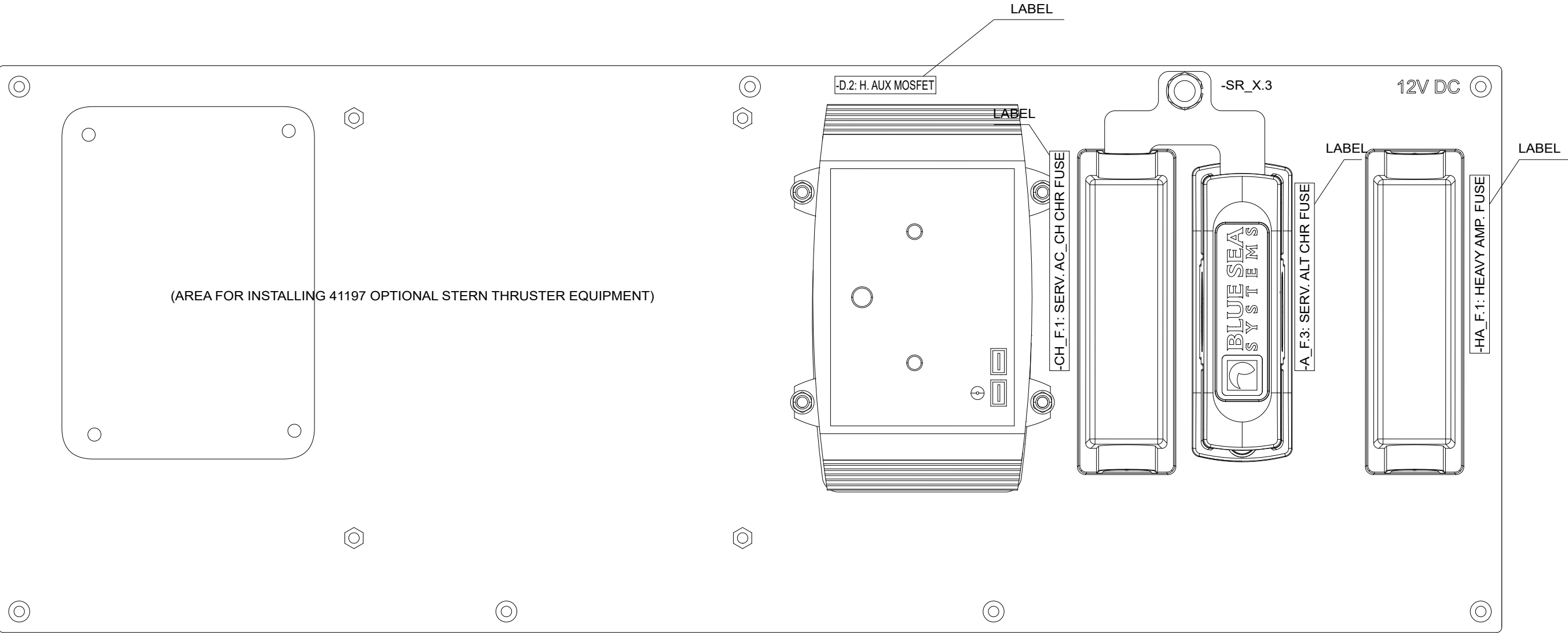
NAVIX

designed solutions

Copyright by

Axopar	SEE EXP VIEW	29615		
Boat	Sub-product code	Product code	Project ID	
37 MY20	BATTERY BOX	HL	151/ 210	
Boat model	PORT PANEL 1	Loc		
	Title		Sheet	

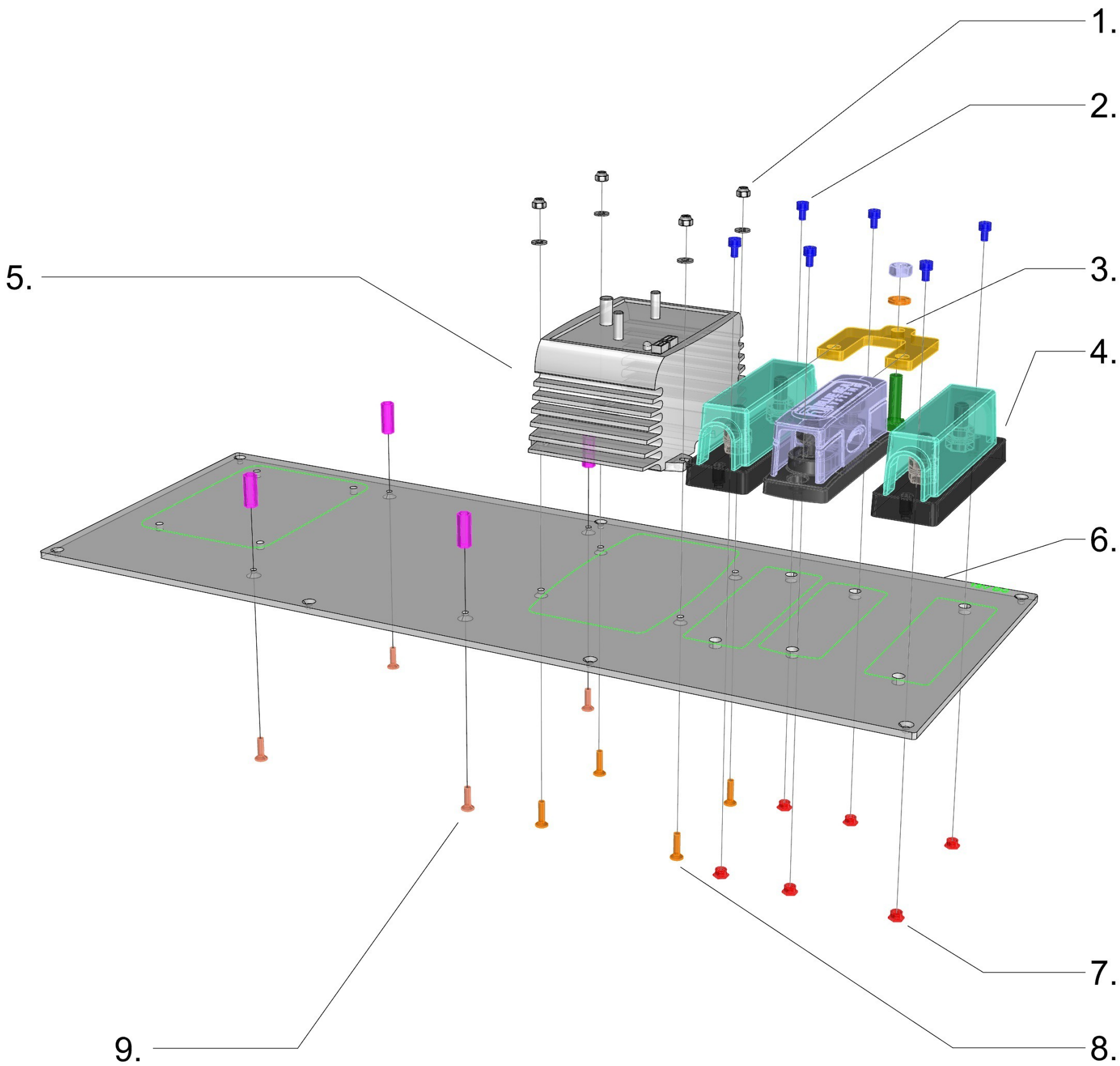
GENERAL LAYOUT/ LABELS



13.10.2023	PF	F5: 2004855; A_F.3 holder -> Bluesea, fuse moved to 39902, D.2	Date	1.7.2019	NAVIX designed solutions Copyright by	Axopar	SEE EXP VIEW		29617	Project ID	
15.4.2024	PF	G6: 2005054; Updated panel, attachment for stern thruster equipment	Drawing by	TuM		Boat	Sub-product code		Product code		
17.2.2023	RK	F4: NOT MODIFIED.	Sheet rev.	6		37 MY20	BATTERY BOX		HL		153 / 210
Date of modification	Modified by	Description	Project rev.	G		Boat model	FWD WALL PANEL		Loc		

29617_AXOPAR_37_MY20_BATTERY_BOX_FWD_WALL_PANEL

EXP VIEW

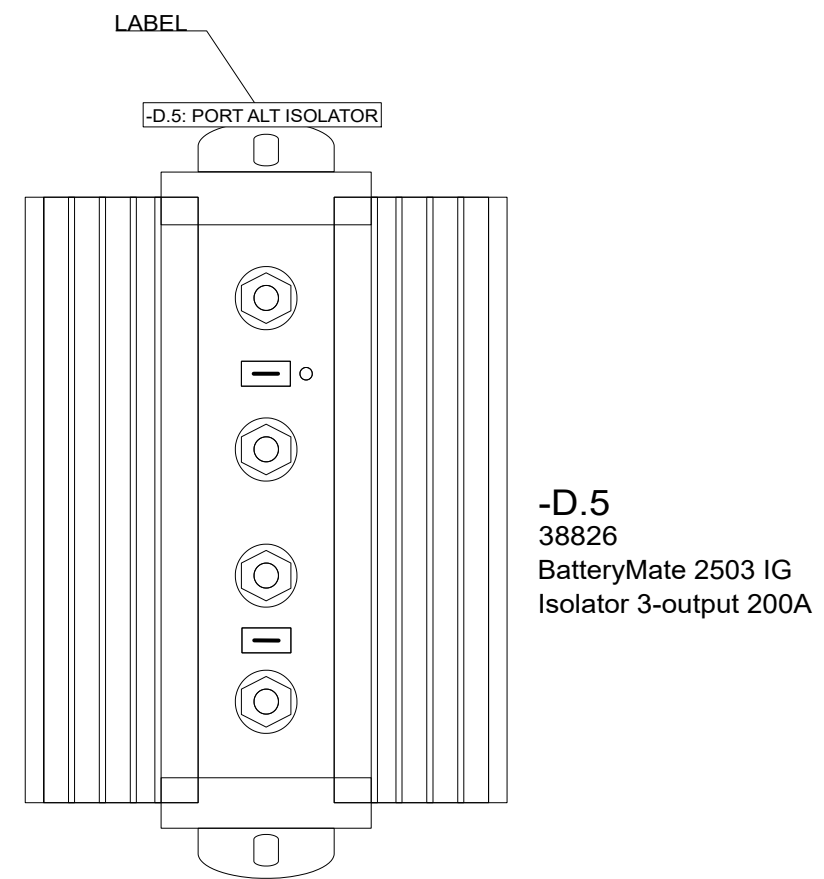
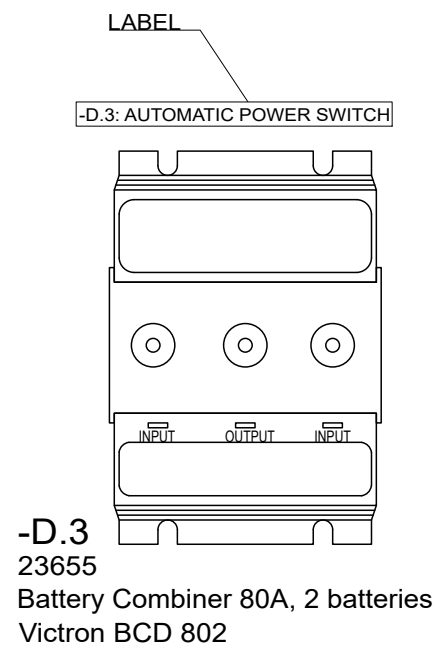
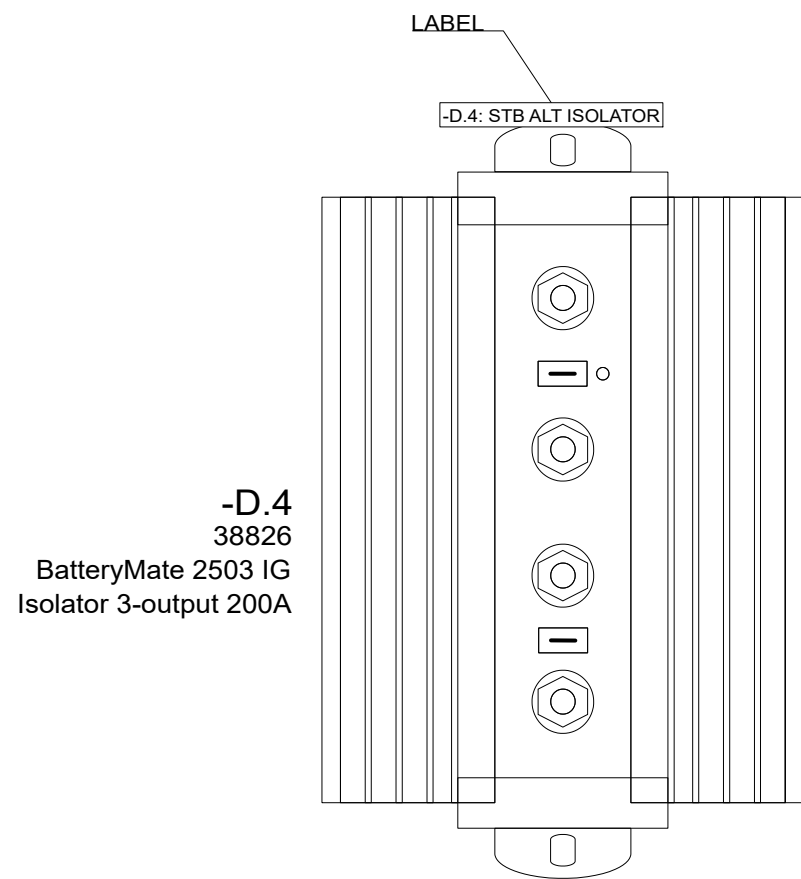


29617_AXOPAR_37_MY20_BATTERY_BOX_FWD_WALL_PANE
L

- 1. 4 PCS VMI30818 SELF-LOCKING HEXAGON NUT M4 DIN985
4 PCS VMI30906 FLAT WASHER FOR HEX BOLTS AND NUTS M4 DIN125A
- 2. 6 PCS VMI30942 - HEX socket Head Cap Screw M4X8 DIN912 C4
- 3. 1 PC 30142_ANL_CONNECTION_BAR_DOUBLE
1 PC VMI32019 - HEX Bolt Full thread M8X30 DIN933 C4
1 PC VMI32011 - Spring Lock washer M8 DIN127 C4
1 PC VMI32012 - HEX Nut M8 DIN934 C4
- 4. 2 PCS 14978_ANL_FUSE HOLDER (AS IN DIAGRAM)
1 PC 13634 Blue Sea ANL FUSE BLOCK 5005 35A to 300A (AS IN DIAGRAM)
- 5. 1 PC 38906 BATTERY ISOLATOR (AS IN DIAGRAM)
- 6. 1 PC
29900_AXOPAR_37_MY20_BATTERY_BOX_FWD_WALL_PANE L_(WOC)_V6
- 7. 6 PCS 9872 - PURISTEVÄLIHOLKKI ETSOS-M4x4 - 50072
- 8. 4 PCS VMI30917 - Countersunk head Screw HEX socket M4X16 DIN7991 C4
- 9. 4 PCS VMI32036 - Extension Bolt M4 L-20
4 PCS VMI30916 - Countersunk head Screw HEX socket M4X14 DIN7991 C4

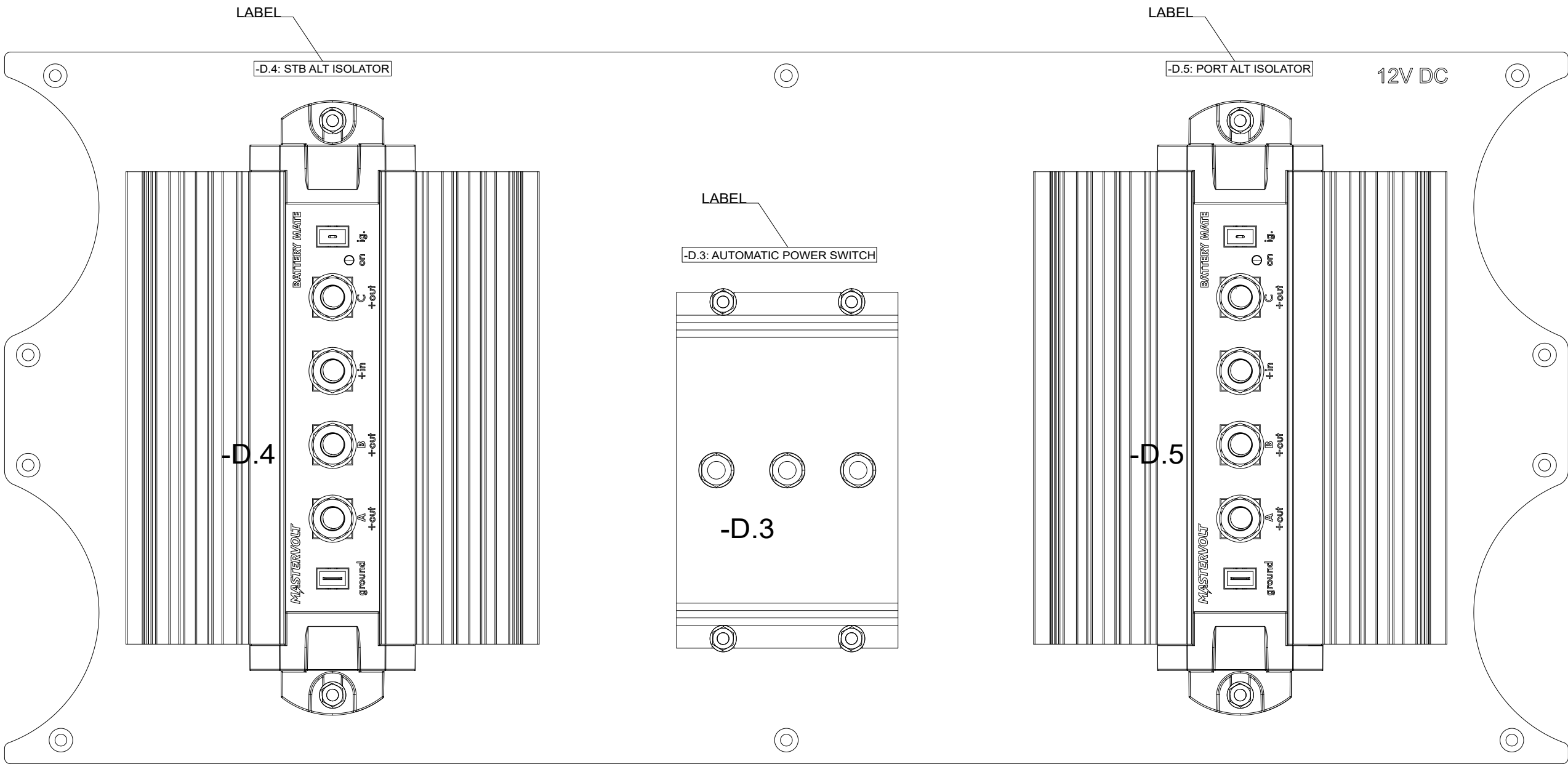
TE 28.06.2019
MN 23.01.2020
TE 16.04.2020
MN 27.9.2023 (Project 2004855)
TS 18.4.2024 (Project 2005054)

13.10.2023	PF	F5: 2004855; A_F.3 holder -> Bluesea, fuse moved to 39902, D.2			Date	1.7.2019	NAVIX designed solutions Copyright by	Axopar		SEE EXP VIEW		29617		Project ID	
15.4.2024	PF	G6: 2005054; Updated panel, attachment for stern thruster equipment			Drawing by	TuM		Boat	Sub-product code		Product code				
17.2.2023	RK	F4: NOT MODIFIED.			Sheet rev.	6		37 MY20		BATTERY BOX		HL		154 / 210	
Date of modification	Modified by	Description			Project rev.	G		Boat model		FWD WALL PANEL		Loc			
1		2		3		4		5		6		7		8	



19.4.2024	PF	G5: 2005054; Not modified			Date	27.6.2019	NAVIX designed solutions Copyright by	Axopar	SEE EXP. VIEW	29618	Project ID				
17.2.2023	RK	F4: NOT MODIFIED.			Drawing by	TuM		Boat	Sub-product code	Product code					
13.10.2023	PF	F5: 2004855; V10 update - isolators changed to Mastervolt			Sheet rev.	5		37 MY20	BATTERY BOX		HL	155 / 210			
Date of modification	Modified by	Description			Project rev.	G		Boat model	AFT WALL PANEL		Loc				
1		2		3		4		5		6		7		8	

GENERAL LAYOUT/ LABELS



19.4.2024	PF	G5: 2005054; Not modified	Date	27.6.2019	Axopar		SEE EXP. VIEW	29618		
17.2.2023	RK	F4: NOT MODIFIED.	Drawing by	TuM	Boat		Sub-product code	Product code	Project ID	
13.10.2023	PF	F5: 2004855; V10 update - isolators changed to Mastervolt	Sheet rev.	5	37 MY20		BATTERY BOX	HL	156 / 210	
Date of modification	Modified by	Description	Project rev.	G	Boat model		AFT WALL PANEL	Loc	Sheet	

29618_AXOPAR_37_MY20_BATTERY_BOX_AFT_WALL_PANEL



1. 4 PCS M4 NUT A4
4 PCS M4 SPRING WASHER
4 PCS M4 WASHER
1.1 4 PCS M4 NUT A4
4 PCS M4 SPRING WASHER
4 PCS M4 WIDE WASHER
2. 2 PCS 38826 BATTERYMATE 2503 IG ISOLATOR 3-OUTPUT 200A
3. 1 PC 23655 VICTOR BCD 802 SOURCE COMBINER
4. 1 PC 29901_AXOPAR_37_MY20_BATTERY_BOX_AFT_WALL_PANEL_(WOC)_V4
5. 8 PCS M4 L16 CS HEX BOLTS A4

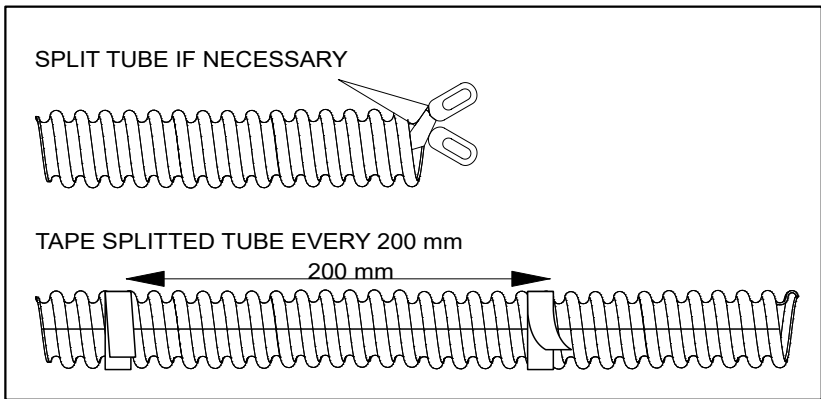
TE 28.06.-19
TE 07.10.-19
MN 27.9.2023

19.4.2024	PF	G5: 2005054; Not modified	Date	27.6.2019	NAVIX designed solutions Copyright by	Axopar	SEE EXP. VIEW	29618	Project ID	157 / 210
17.2.2023	RK	F4: NOT MODIFIED.	Drawing by	TuM		Boat				
13.10.2023	PF	F5: 2004855; V10 update - isolators changed to Mastervolt	Sheet rev.	5		37 MY20	BATTERY BOX	HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	AFT WALL PANEL	Loc	Sheet	

R2 ISO 6722 100V AWG16 +100 C

EXAMPLE: RED 1,5mm² WIRE MARKINGS.

CABLE



12.4.2024	PF	G8: 2005054; B_X1f & -X.MS5 added	Date	8.7.2019	NAVIX designed solutions Copyright by	Axopar		29620		158 / 210
22.9.2021	VV	E6: NOT MODIFIED / REVISION RETURNED TO REV. E.	Drawing by	TuM		Boat				
17.2.2023	RK	F7: LENGTH MODIFICATIONS.	Sheet rev.	8		37 MY20	BATTERY BOX	HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	HARNES	Loc		

NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.

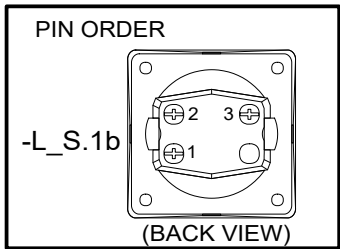
R2 ISO 6722 100V AWG16 +100 C

EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

MARKING

CABLE

-A81
BE0918272505



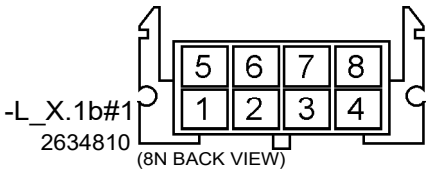
-L_S.1b
BE0936552505

-L_S1b#1 FWD CABIN LT SW

1	FWD_CAB_LT+	-L_X1b:1	2.5 RED
2	FC_RF_LT	-L_X1b:2	2.5 YELLOW/BLACK
3	FC_INDIR_LT	-L_X1b:5	2.5 YELLOW/RED

CONNECTION
TO FWD CABIN HARNESS

-L_X.1b#1

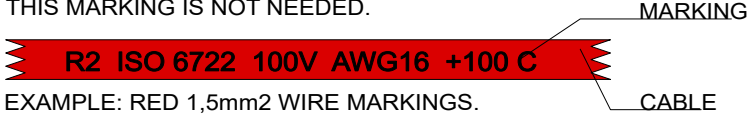


1	FWD_CAB_LT+	-L_S1b:1	2.5 RED
2	FC_RF_LT	-L_S1b:2, -L_X1b:3	2.5 YELLOW/BLACK
3	FC_RF_LT	-L_X1b:2	2.5 YELLOW/BLACK
4	INPUT-	-L_X1b:7	2.5 BLACK
5	FC_INDIR_LT	-L_S1b:3, -L_X1b:6	2.5 YELLOW/RED
6	FC_INDIR_LT	-L_X1b:5	2.5 YELLOW/RED
7	INPUT-	-L_X1b:4, -L_X1b:8	2.5 BLACK
8	INPUT-	-L_X1b:7	2.5 BLACK

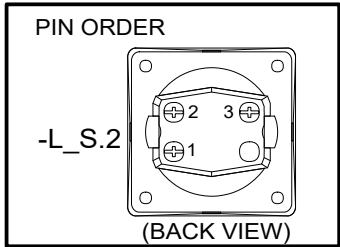
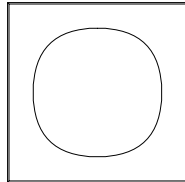
250 mm

4.4.2024	PF	G6: 2005054; Modified as option for light pack switch	Date	22.5.2019	Axopar					
22.9.2021	VV	E5: NOT MODIFIED / REVISION RETURNED TO REV. E.	Drawing by	TuM	Boat		Sub-product code	29635	Product code	Project ID
17.2.2023	RK	F5: NOT MODIFIED.	Sheet rev.	6	37 MY20		FWD CABIN		HL	159 / 210
Date of modification	Modified by	Description	Project rev.	G	Boat model		LIGHT SWITCH		Loc	

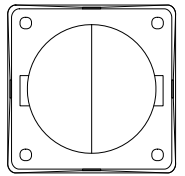
NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.



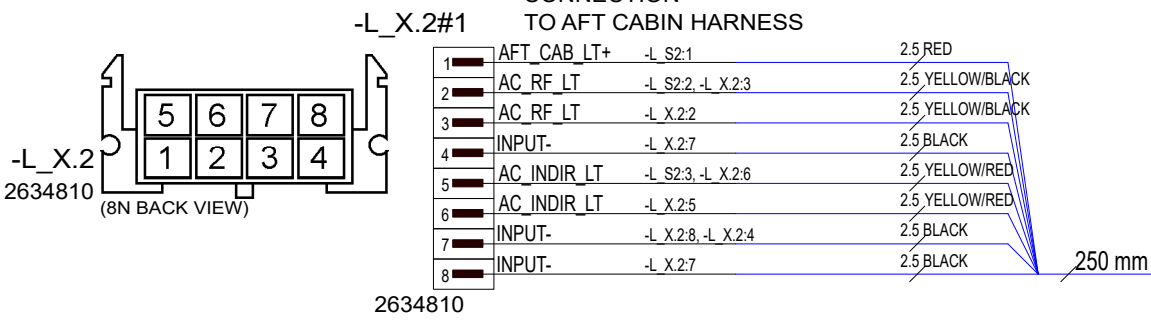
-A82
BE0918272505



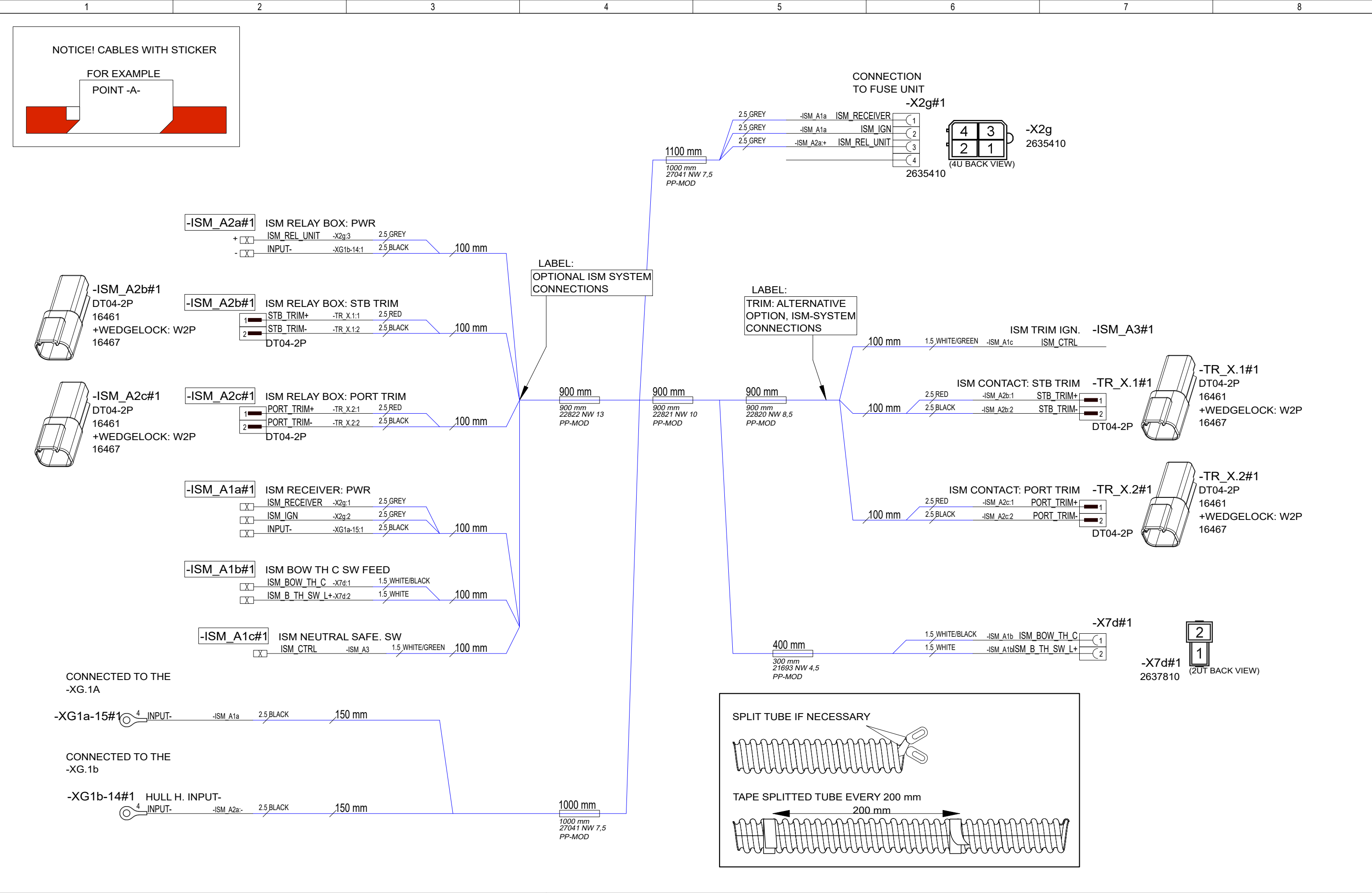
-L_S.2
BE0936552505



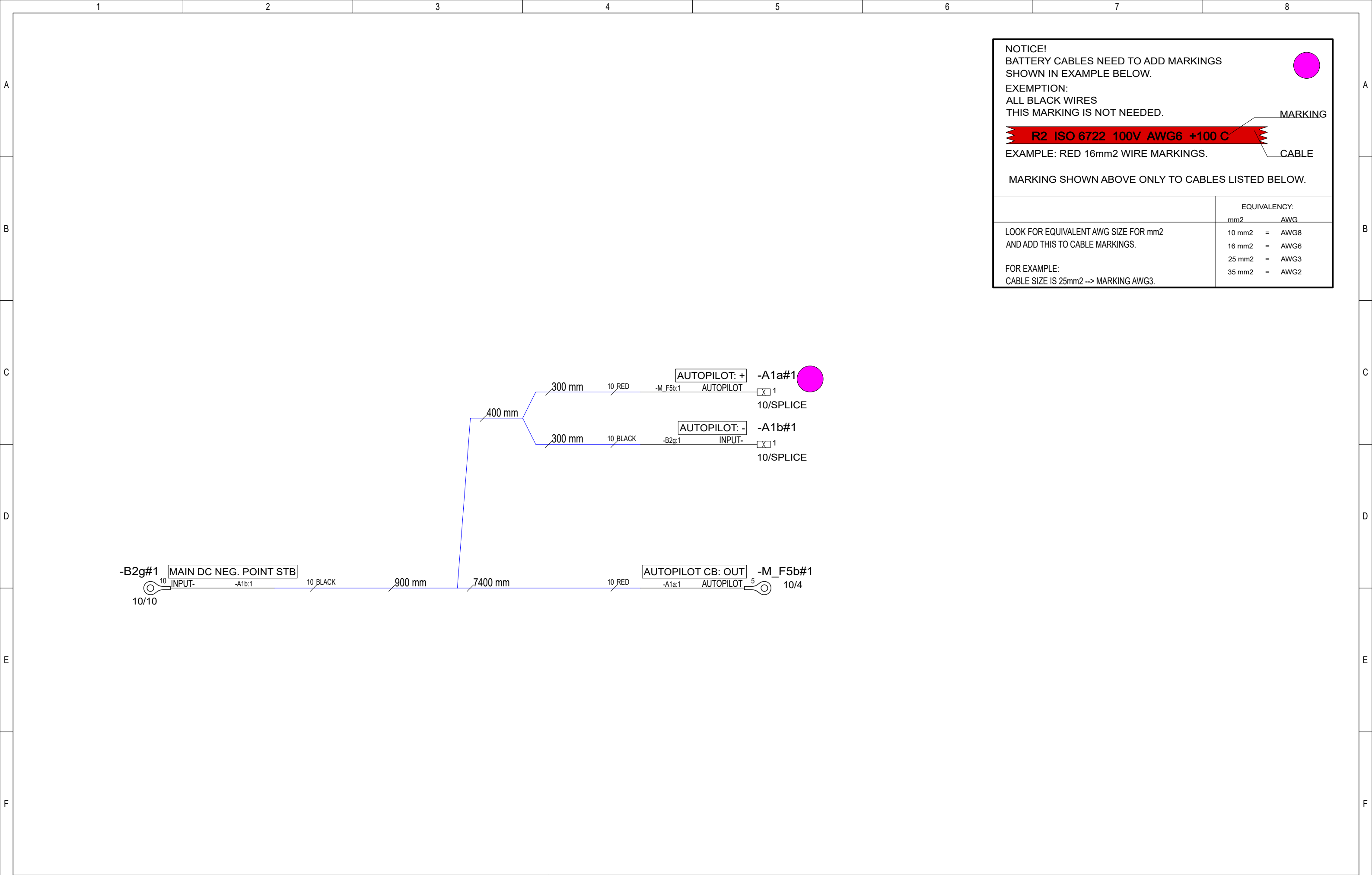
-L_S2#1 AFT CABIN LT SW				
1	AFT CAB LT+	-L X2:1	2.5	RED
2	AC RF LT	-L X2:2	2.5	YELLOW/BLACK
3	AC INDIR LT	-L X2:5	2.5	YELLOW/RED



22.9.2021	VV	E3: NOT MODIFIED / REVISION RETURNED TO REV. E.	Date	22.5.2019	Axopar					
17.2.2023	RK	F3: NOT MODIFIED.	Drawing by	TuM	Boat	37 MY20	Sub-product code	29636	Product code	Project ID
4.4.2024	PF	G4: 2005054; Modified as option for light pack switch	Sheet rev.	4	AFT CABIN LIGHT SWITCH		HL	160 / 210		
Date of modification	Modified by	Description	Project rev.	G	Boat model		Loc	Sheet		



17.2.2023	RK	F3: NOT MODIFIED.	Date	25.9.2019	NAVIX designed solutions Copyright by	Axopar			30735			
12.4.2024	PF	G3: 2005054; Not modified	Drawing by	TuM		Boat						
22.9.2021	VV	E3: NOT MODIFIED / REVISION RETURNED TO REV. E.	Sheet rev.	3		37 MY20	ISM HARNESS	HL		161/ 210		
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc				



NOTICE!
BATTERY CABLES NEED TO ADD MARKINGS
SHOWN IN EXAMPLE BELOW.
EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.

EXAMPLE: RED 16mm2 WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

EQUIVALENCY:	
mm2	AWG
10 mm2	= AWG8
16 mm2	= AWG6
25 mm2	= AWG3
35 mm2	= AWG2

LOOK FOR EQUIVALENT AWG SIZE FOR mm2
AND ADD THIS TO CABLE MARKINGS.

FOR EXAMPLE:
CABLE SIZE IS 25mm2 --> MARKING AWG3.

12.4.2024	PF	G3: 2005054; Not modified	Date	25.9.2019	Axopar		30736			
22.9.2021	VV	E3: NOT MODIFIED / REVISION RETURNED TO REV. E.	Drawing by	TuM	Boat		Sub-product code		Product code	
17.2.2023	RK	F3: NOT MODIFIED.	Sheet rev.	3	37 MY20		AUTOPILOT HARNESS		HL	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc	
1		2		3		4		5		6
										7
										8
					NAVIX designed solutions				162 / 210 Sheet	
					Copyright by					

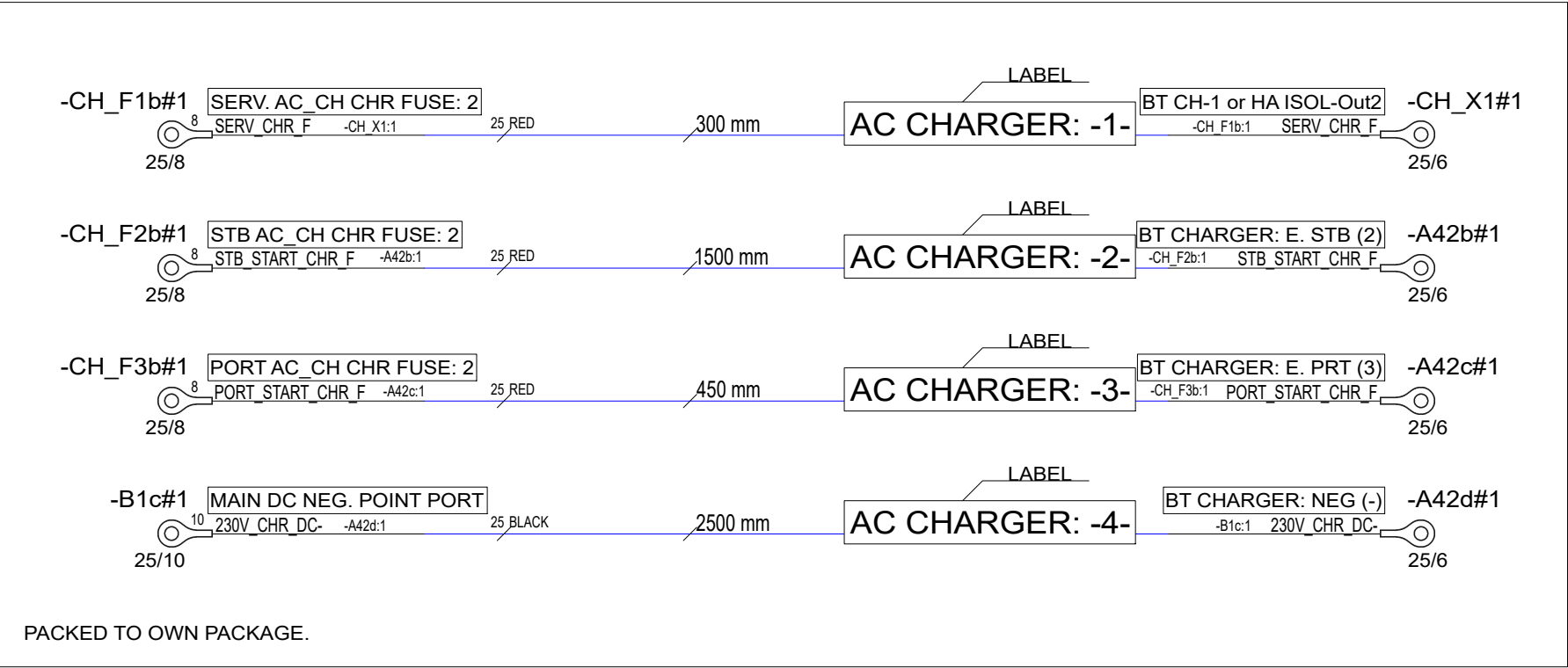
NOTICE! CABLES WITH STICKER

FOR EXAMPLE

HEAVY AMP: POWER+

AC CHARGER CABLES

(TO TOP OF PACKAGE)



NOTICE!
BATTERY CABLES NEED TO ADD MARKINGS
SHOWN IN EXAMPLE BELOW.

EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.

R2 ISO 6722 100V AWG6 +100 C

EXAMPLE: RED 16mm2 WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

EQUIVALENCY:	
mm2	AWG
10 mm2	= AWG8
16 mm2	= AWG6
25 mm2	= AWG3
35 mm2	= AWG2

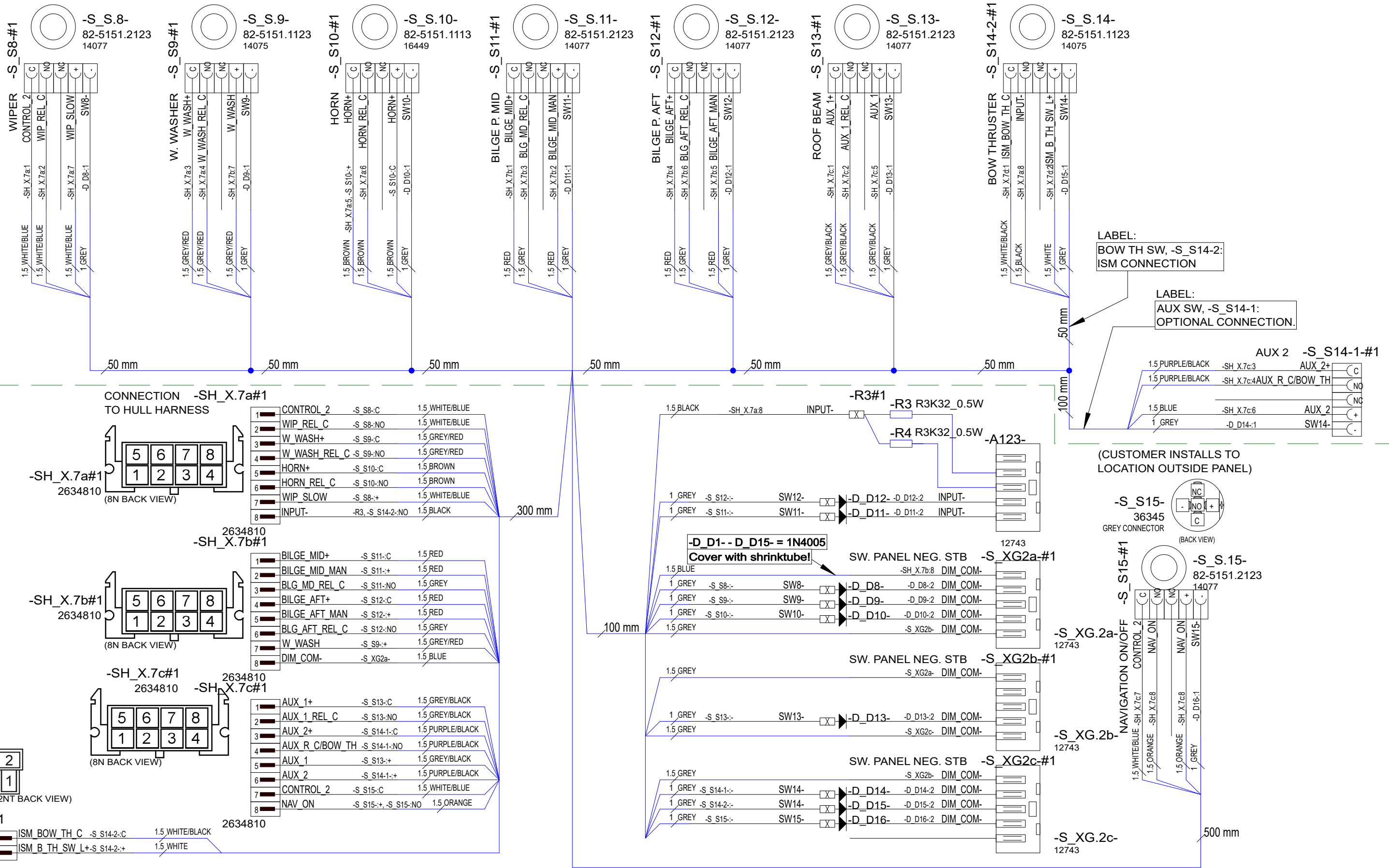
LOOK FOR EQUIVALENT AWG SIZE FOR mm2
AND ADD THIS TO CABLE MARKINGS.

FOR EXAMPLE:
CABLE SIZE IS 25mm2 --> MARKING AWG3.

19.4.2024	PF	G4: 2005054; Not modified	Date	26.9.2019	NAVIX	Axopar		30737	
22.9.2021	VV	E4: NOT MODIFIED / REVISION RETURNED TO REV. E.	Drawing by	TuM	designed solutions	Boat	Sub-product code	Product code	Project ID
17.2.2023	RK	F4: NOT MODIFIED.	Sheet rev.	4	Copyright by	37 MY20	BATTERY BOX	HL	163 / 210
Date of modification	Modified by	Description	Project rev.	G		Boat model	CHARGER CABLES	Loc	Sheet

2.

LED-MODULE CUTTING AND FINISHING
INSTRUCTIONS ARE ON PAGE:
SWITCH PANEL GENERAL LAYOUT



17.2.2023	RK	F8: NOT MODIFIED
16.10.2023	PF	F9: 2004916; Added dimming feature, F10: Bilge halo dimming removed
15.03.2024	PF	G11:2005054; Added s15, S1 replaced with dimmer, test insruction update
Date of modification	Modified by	Description

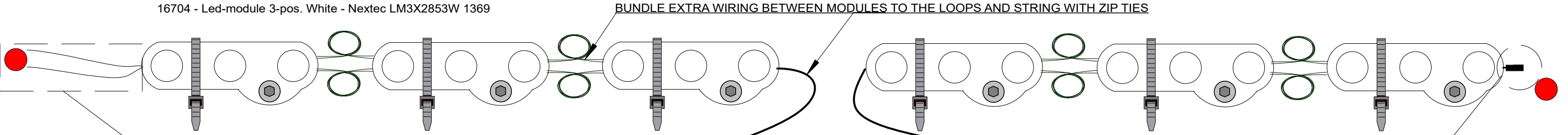
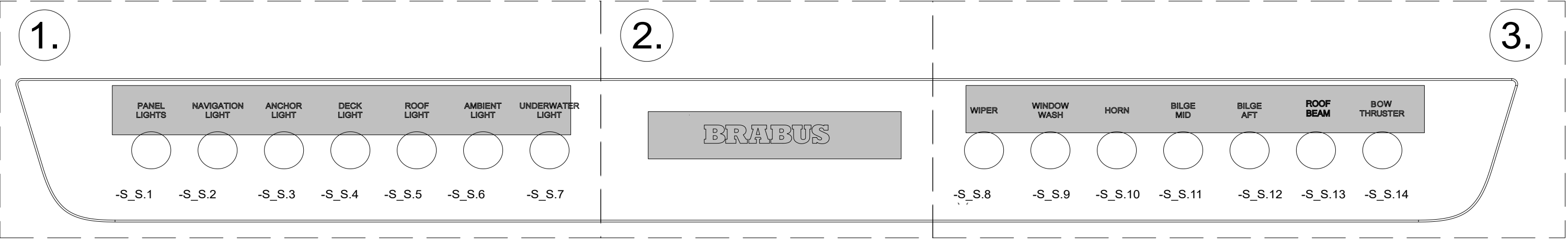
Date	6.11.2019
Drawing by	TuM
Sheet rev.	11
Project rev.	G

NAVIX
designed solutions
Copyright by

Axopar
Boat
37 MY20 SHADOW
Boat model

SEE EXP VIEW	30810	Project ID
Sub-product code	Product code	
SWITCH PANEL	HL	165 / 210
Title	Loc	Sheet

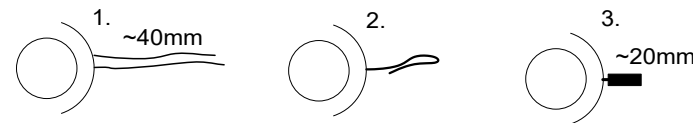
SWITCH PANEL GENERAL LAYOUT / LED MODULE CUTTING & FINISHING



CUT LED MODULES INPUT SIDE OF THE WIRES APPROX. 60mm LENGTH (SHOULD BE ABOUT THE CENTER POS. BETWEEN 2 MODULES)

STRIP WIRE ENDS APPROX. 7mm AND CRIMP WIRES TO THE BUTT SPLICE CONNECTORS -A53.

1. CUT THE WIRES APPROX. 40mm. (JUST CUT, DO NOT STRIP!)
2. BEND THE WIRES TO THE SHAPE OF "U".
3. ADD APPROX. 20mm OF HEAT SHRINK TUBE "17418" OVER THE BENDED WIRES.



ATTACH ALL LED MODULES TO THE BRACKET 36371 WITH M3X12 BH HEX BOLT A4, NUT M3 AND 2-SIDED TAPE. ADD CABLE TIE. SEE ALSO EXP. VIEW

TURN THE ENDS OF CABLE TIES TOWARDS TO THE PANEL!

HOW TO BUNDLE EXTRA WIRING BETWEEN MODULES TO THE LOOPS AND STRING WITH ZIP TIES



NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS SHOWN IN EXAMPLE BELOW.

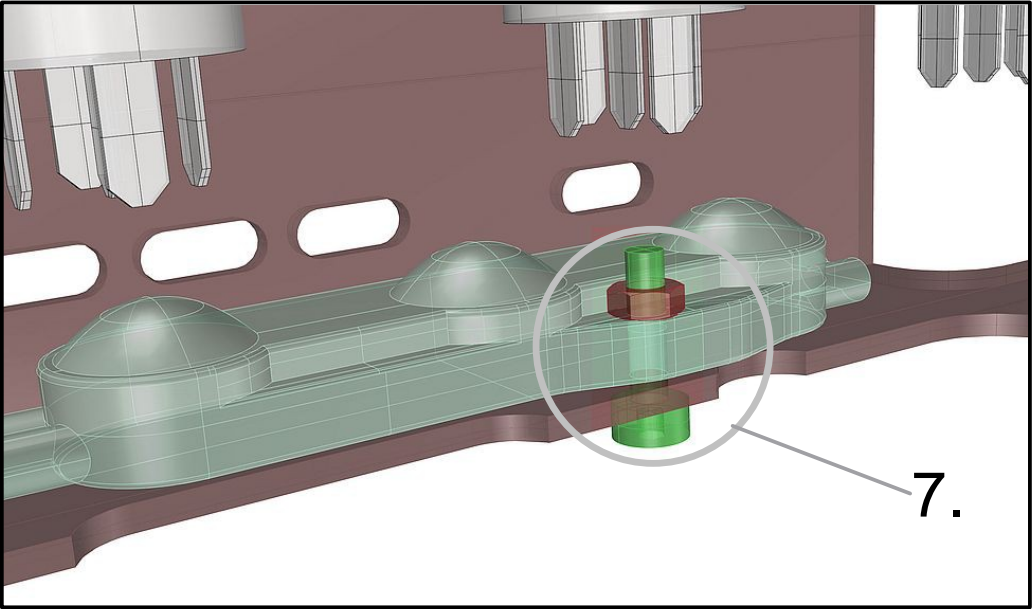
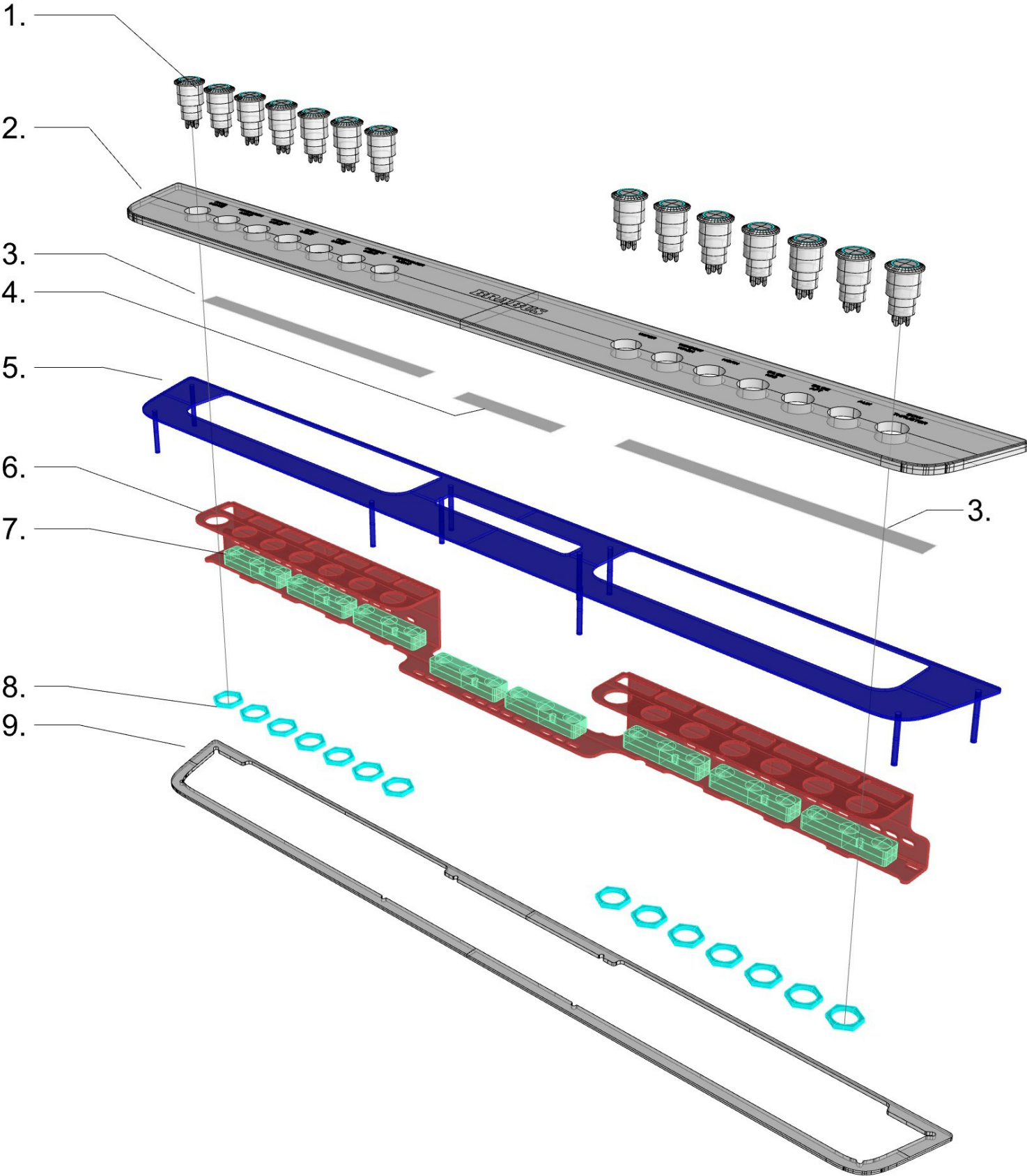
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.

R2 ISO 6722 100V AWG16 +100 C

EXAMPLE: RED 1,5mm² WIRE MARKINGS.

17.2.2023	RK	F8: NOT MODIFIED	Date	6.11.2019	Axopar		SEE EXP VIEW		30810			
16.10.2023	PF	F9: 2004916; Added dimming feature, F10: Bilge halo dimming removed	Drawing by	TuM	Boat		Sub-product code		Product code		Project ID	
15.03.2024	PF	G11:2005054; Added s15, S1 replaced with dimmer, test insruction update	Sheet rev.	11	37 MY20 SHADOW		SWITCH PANEL		HL		166 / 210	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc		Sheet	
1		2		4		6		7			8	

30810_AXOPAR_37_MY_20_SHADOW_SWITCH_PANEL

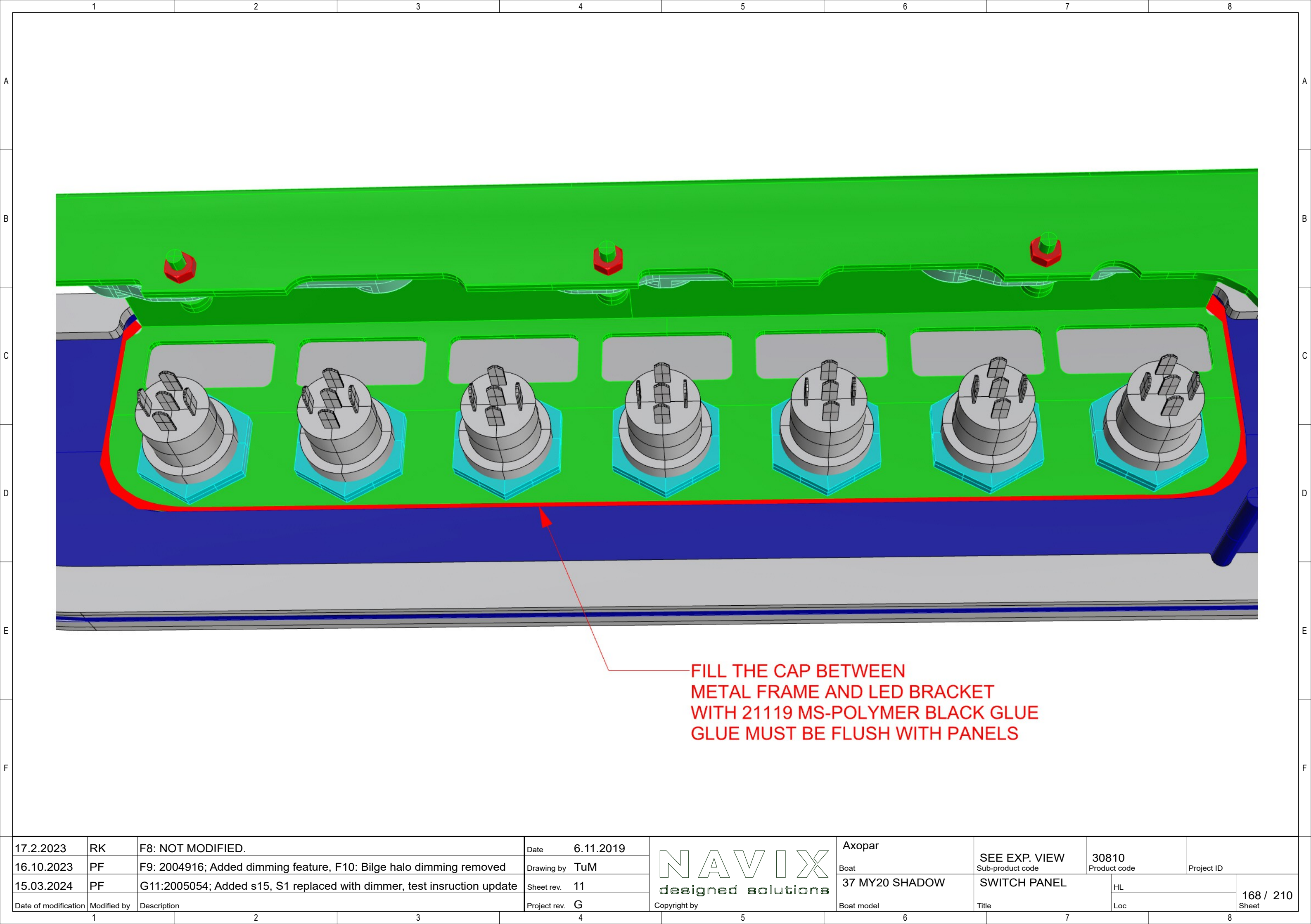


- 30810_AXOPAR_37_MY_20_SHADOW_SWITCH_PANEL
- 1. 14PCS HALO SWITCH (AS IN DIAGRAM)
 - 2. 1PC 31118_AXOPAR_37_MY_20__SHADOW_ACRYL_SWITCH_PANEL_(WOC)
 - 3. 2PCS 29771_AXOPAR_37_MY20_SWITCH_PANEL_TEXT_STICKER
(PLACE BEHIND THE TEXT AREA IN 31118)
 - 4. 1PC 28309_AXOPAR_37_SHADOW_SWITCH_PANEL_LOGO_STICKER
(PLACE BEHIND THE TEXT AREA IN 31118)
 - 5. 1PC 29768_AXOPAR_37_MY20_SWITCH_PANEL_METAL_BACK_FRAME
ATTACH TO 31118 WITH BLACK MS-POLYMER GLUE
 - 6. 1PC 36371_AXOPAR_SWITCH_PANEL_LED_MODULE_BRACKET_(WOC)
 - 7. 8PCS 16704 LED MODULE WHITE ATTATCH TO 36371 WITH M3X12 BH HEX BOLT A4 AND NUT
ATTACH TO BRACKET WITH CABLE TIES AND 2-SIDED TAPE
 - 8. 14PCS HALO SWITCH NUT
 - 9. 1PCS 29769_AXOPAR_37_MY20_SWITCH_PANEL_GASKET_(WOC)
GLUE WITH 2-SIDED TAPE TO THE BACKSIDE OF 29768

TE 30.10.2019
MN 18.11.2019
TE 11.01.2021
HL 11.03.2022

EXP VIEW

17.2.2023	RK	F8: NOT MODIFIED	Date	6.11.2019	Axopar		SEE EXP VIEW		30810			
16.10.2023	PF	F9: 2004916; Added dimming feature, F10: Bilge halo dimming removed	Drawing by	TuM	Boat		Sub-product code		Product code		Project ID	
15.03.2024	PF	G11:2005054; Added s15, S1 replaced with dimmer, test insruction update	Sheet rev.	11	37 MY20 SHADOW		SWITCH PANEL		HL		167 / 210	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc		Sheet	



FILL THE GAP BETWEEN
METAL FRAME AND LED BRACKET
WITH 21119 MS-POLYMER BLACK GLUE
GLUE MUST BE FLUSH WITH PANELS

17.2.2023	RK	F8: NOT MODIFIED.	Date	6.11.2019	Axopar		SEE EXP. VIEW		30810			
16.10.2023	PF	F9: 2004916; Added dimming feature, F10: Bilge halo dimming removed	Drawing by	TuM	Boat		Sub-product code		Product code		Project ID	
15.03.2024	PF	G11:2005054; Added s15, S1 replaced with dimmer, test insruction update	Sheet rev.	11	37 MY20 SHADOW		SWITCH PANEL		HL		168 / 210	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc		Sheet	
1	2	3	4	5	6	7	8					

Axopar 37 MY20 SWITCH PANEL 30810 INSPECTION SHEET

PRUDUCT LABEL

TEST

- 1) S2, S3, S4 should be pressed. No other buttons may be pressed during entire test. Power source off.
- 2) Connect -X.6b/9 and -X.7b/8 with a wire.
- 3) Connect positive (+12V) to connectors listed below
- 4) Connect negative (-) to -X.6b/10 and -X.7a/8. Turn power on.
- 5) Observe, change brightness and turn on/off by pressing DIM1. Panel lights and switch halos must illuminate. S11 and S12 should illuminate constantly with full brightness, S5 and S6 should not illuminate at all. All other lights should turn on/off/dim from DIM1.

Connect positive (+)
SH_X.6a/1
SH_X.6a/4
SH_X.6a/7
SH_X.6b/8
SH_X.7a/7
SH_X.7b/7
SH_X.7a/5
SH_X.7b/2
SH_X.7b/5
SH_X.7c/5
SH_X.7c/6
SH_X.7d/2

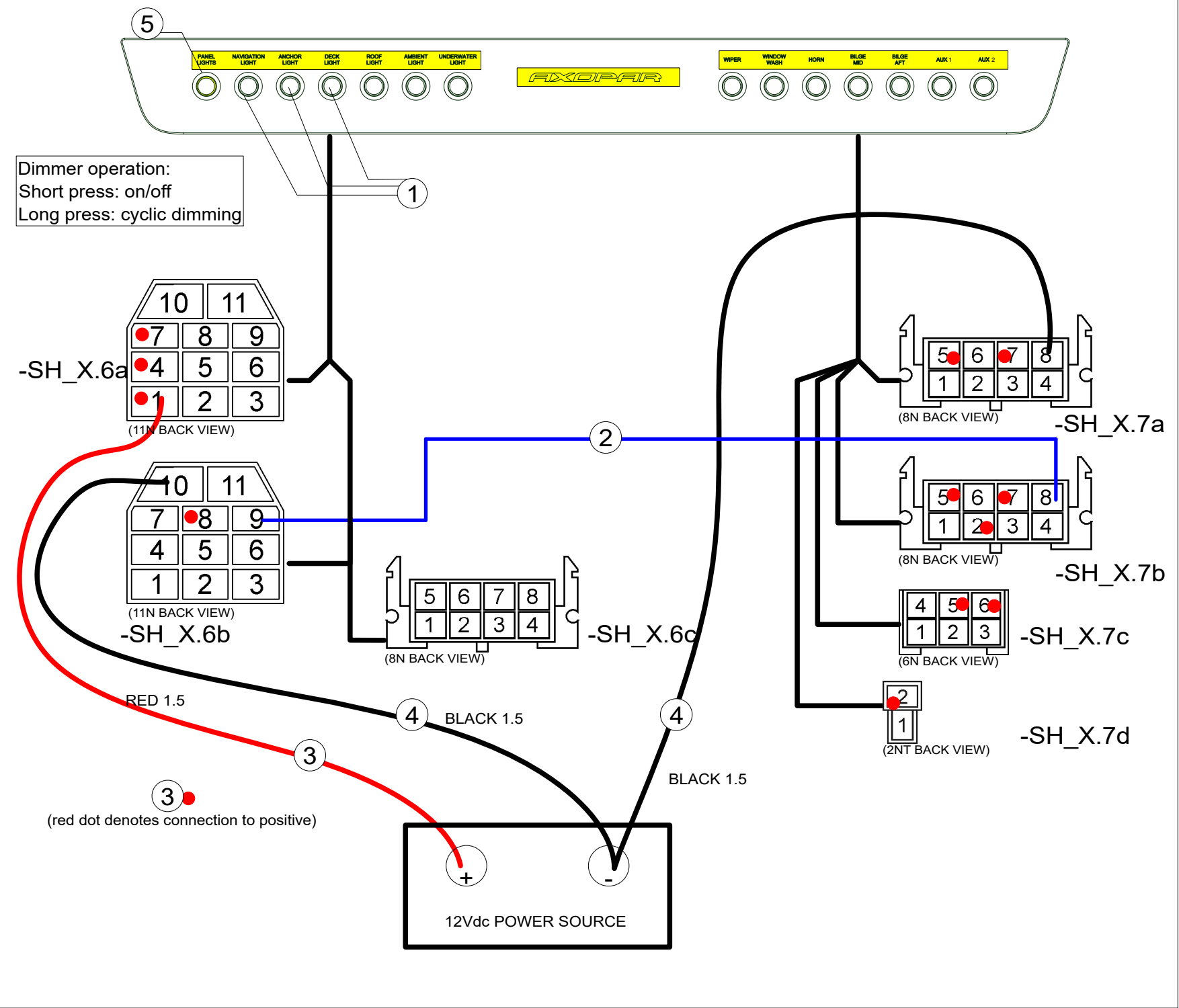
Connect negative (-)
SH_X.6b/10
SH_X.7a/8

PASS / FAIL

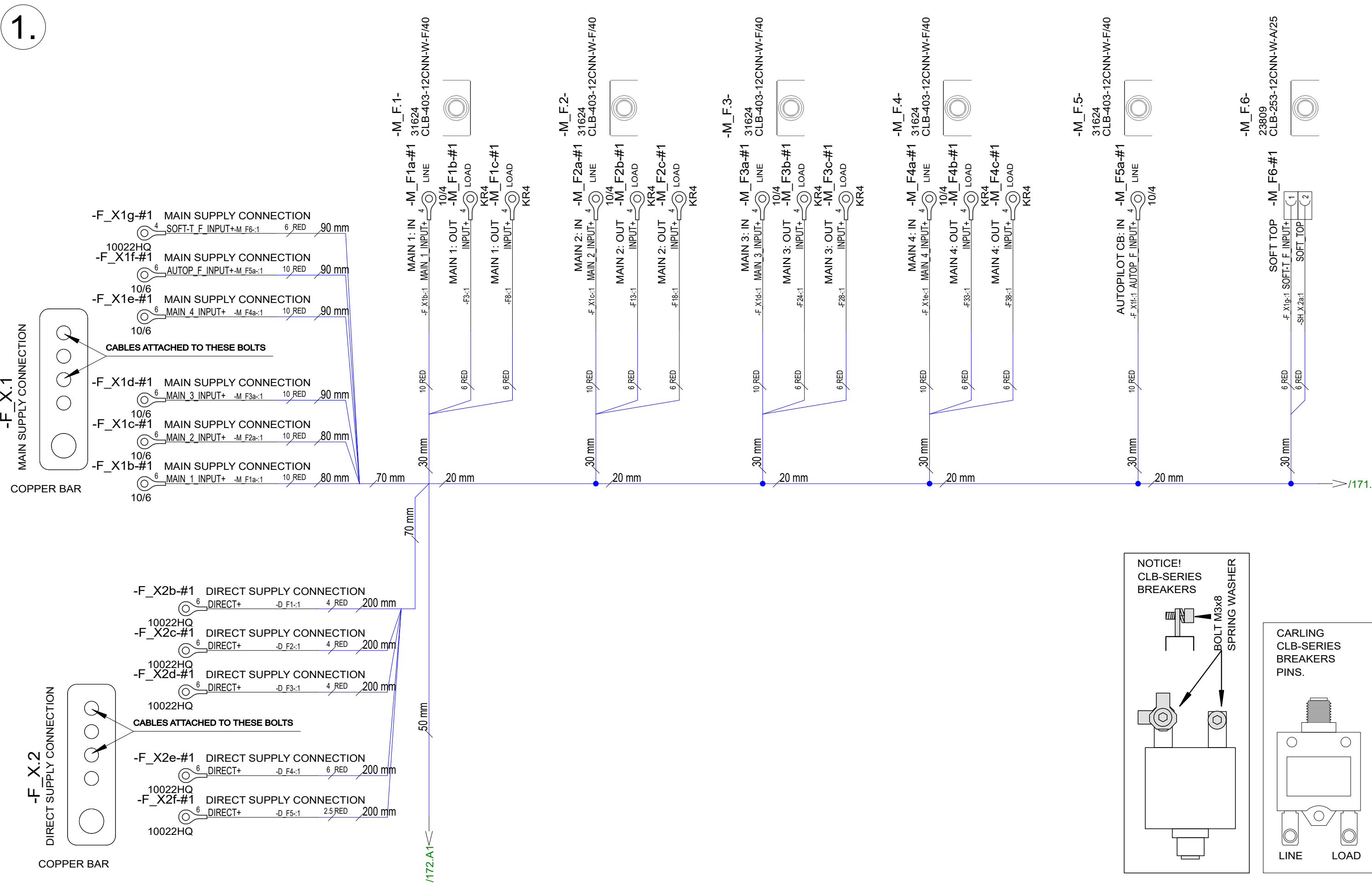
DATE

TESTED BY

TEST INSTRUCTIONS

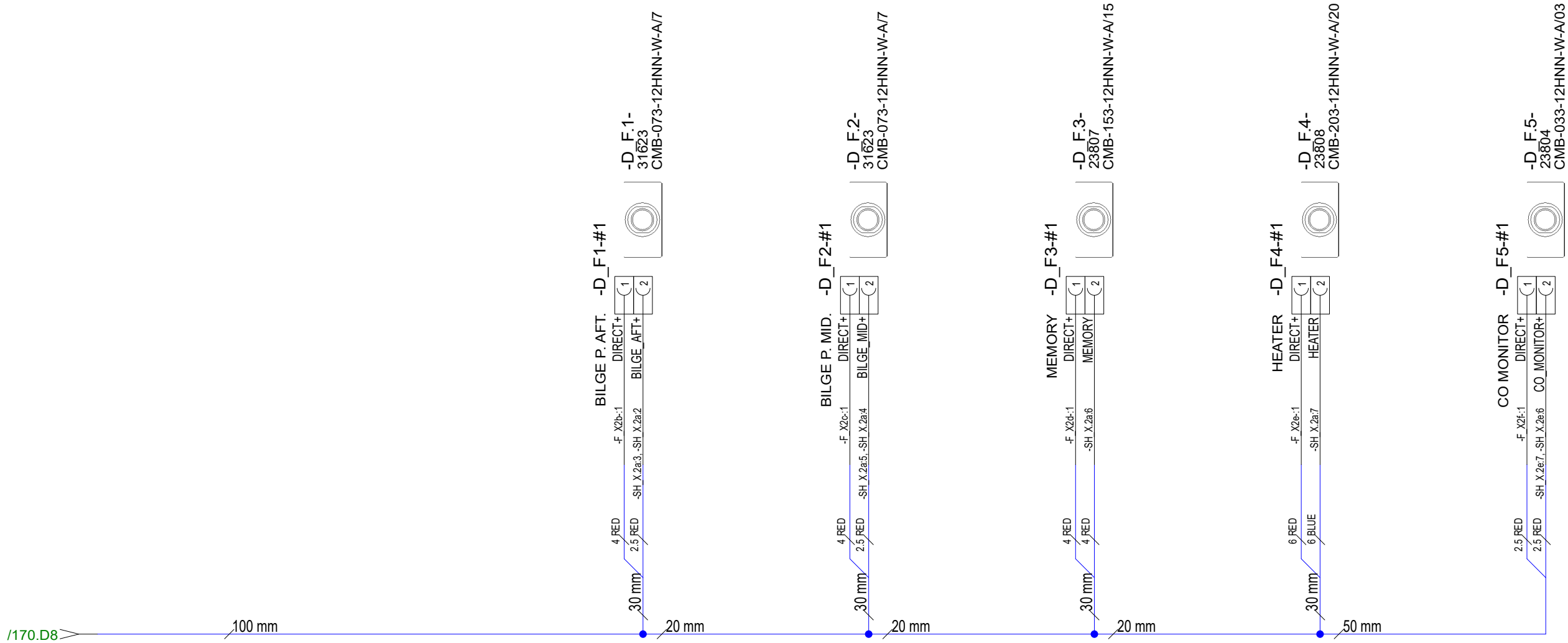


17.2.2023	RK	F8: NOT MODIFIED	Date	6.11.2019	NAVIX designed solutions Copyright by	Axopar	SEE EXP VIEW	30810	Project ID
16.10.2023	PF	F9: 2004916; Added dimming feature, F10: Bilge halo dimming removed	Drawing by	TuM		Boat	Sub-product code	Product code	
15.03.2024	PF	G11:2005054; Added s15, S1 replaced with dimmer, test insruction update	Sheet rev.	11		37 MY20 SHADOW	SWITCH PANEL	HL	
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc	169 / 210 Sheet



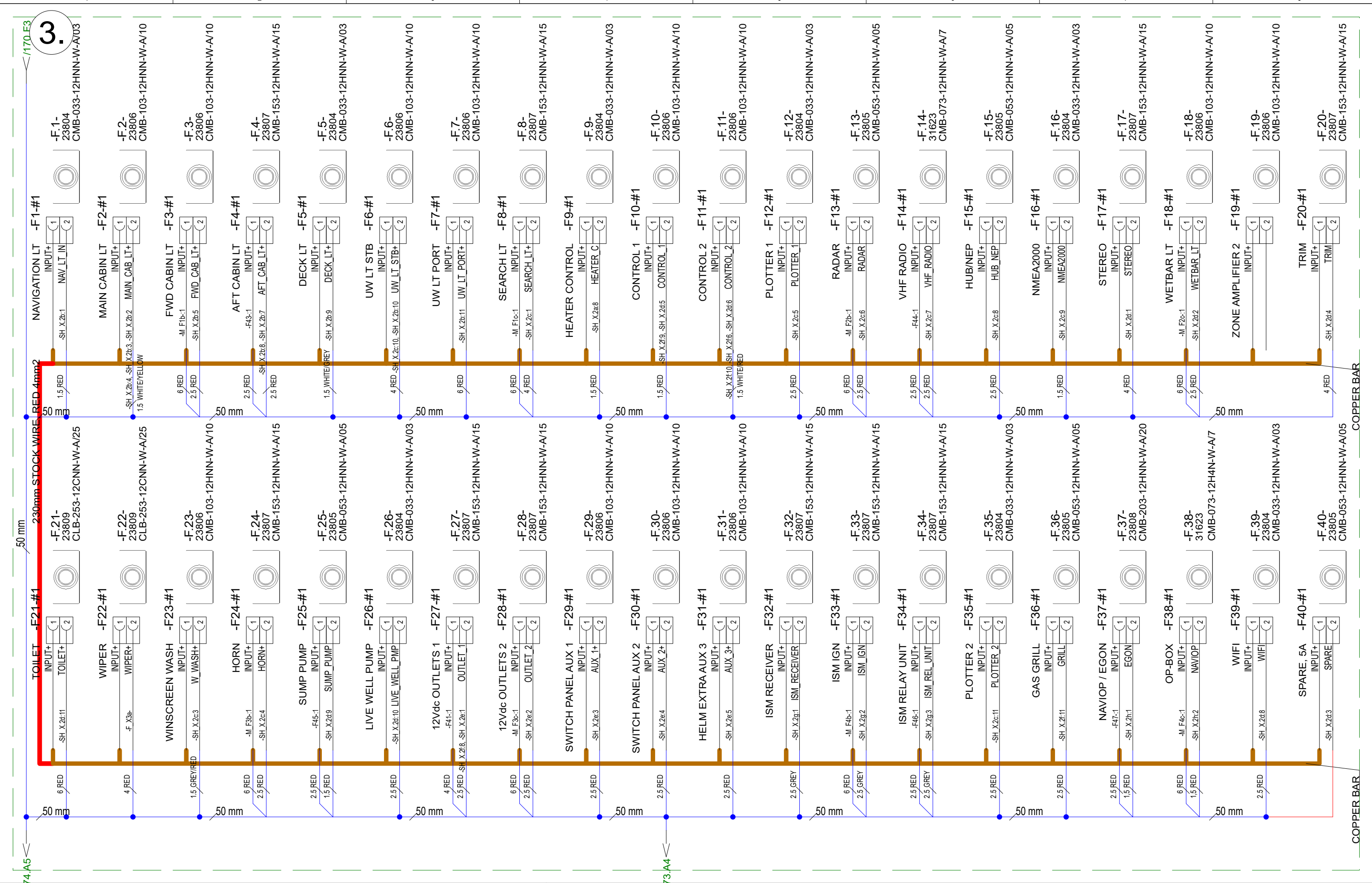
23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Date	24.4.2020	NAVIX designed solutions Copyright by	Axopar Boat 37 MY20 SHADOW Boat model	SEE EXP VIEW Sub-product code FUSE UNIT Title	30811 Product code HL Loc	Project ID 170 / 210 Sheet
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Drawing by	TuM					
17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Sheet rev.	11					
Date of modification	Modified by	Description	Project rev.	G					

2.

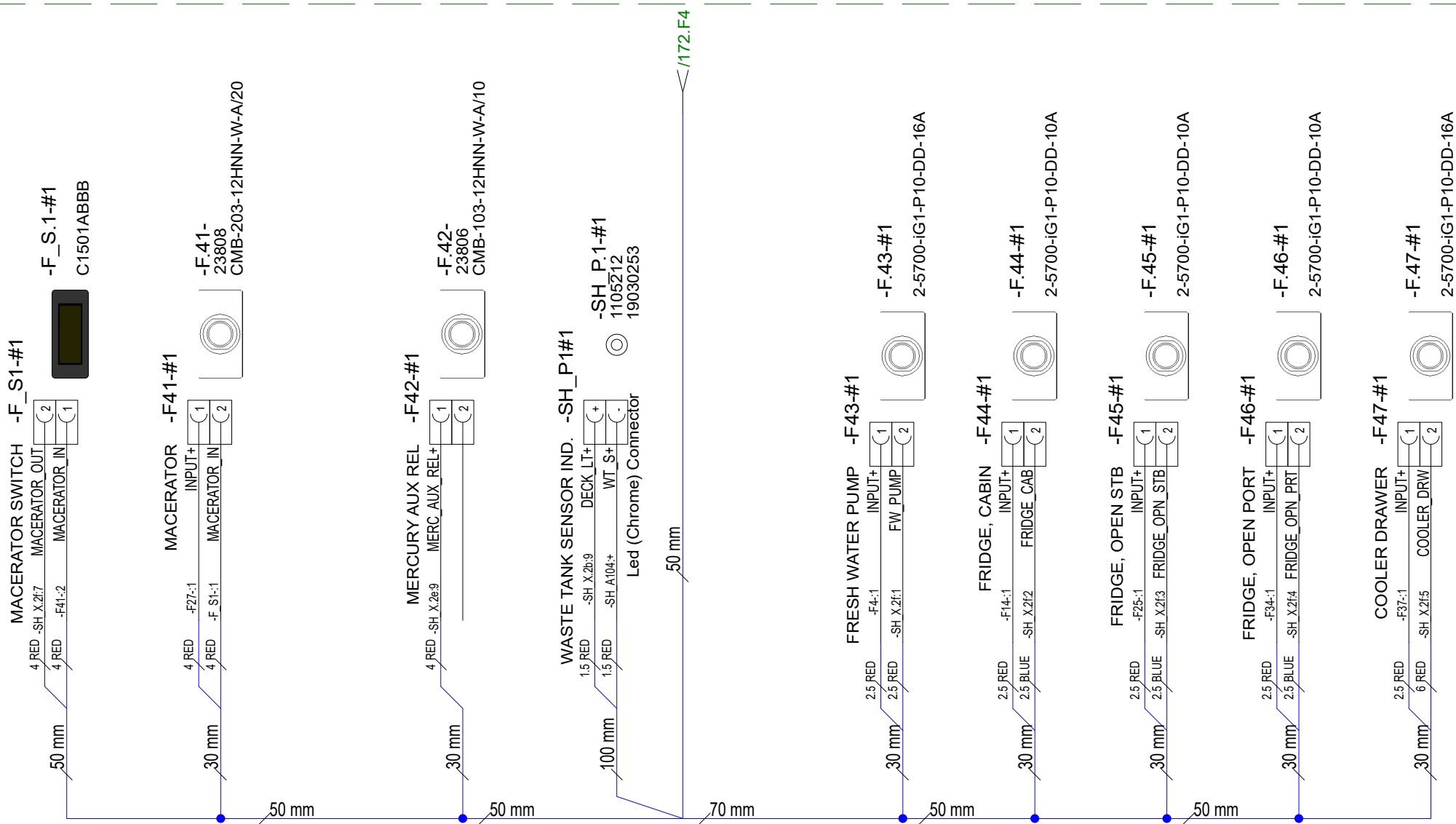


23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Date	24.4.2020	NAVIX designed solutions Copyright by	Axopar	SEE EXP VIEW	30811	Project ID	171/ 210
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Drawing by	TuM		Boat				
17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Sheet rev.	11		37 MY20 SHADOW	FUSE UNIT	HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc		

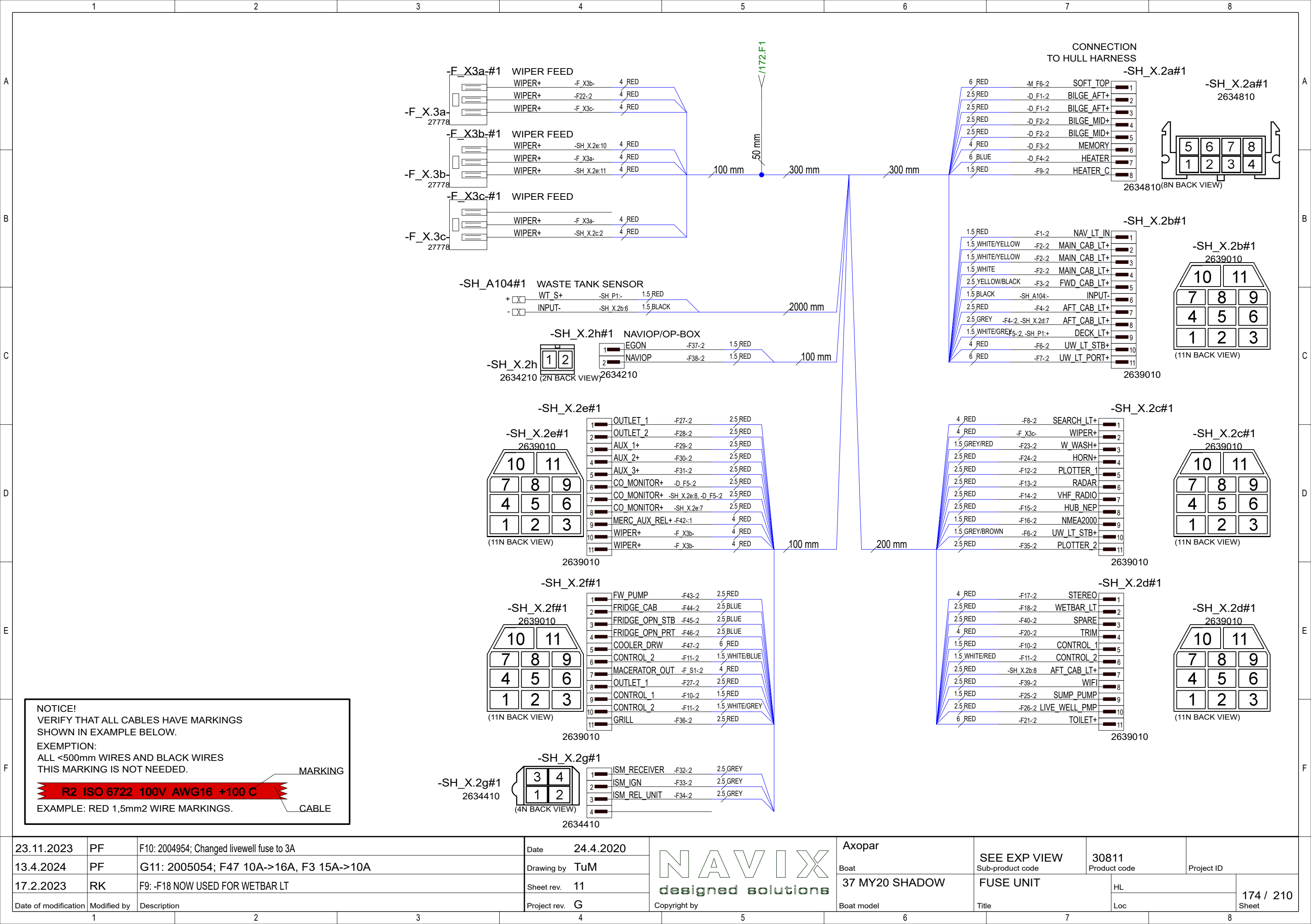
23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Date	24.4.2020	NAVIX designed solutions Copyright by	Axopar	SEE EXP VIEW		30811		Project ID	
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Drawing by	TuM		Boat	Sub-product code		Product code			
17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Sheet rev.	11		37 MY20 SHADOW	FUSE UNIT		HL		172 / 210	
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title		Loc			Sheet



4.

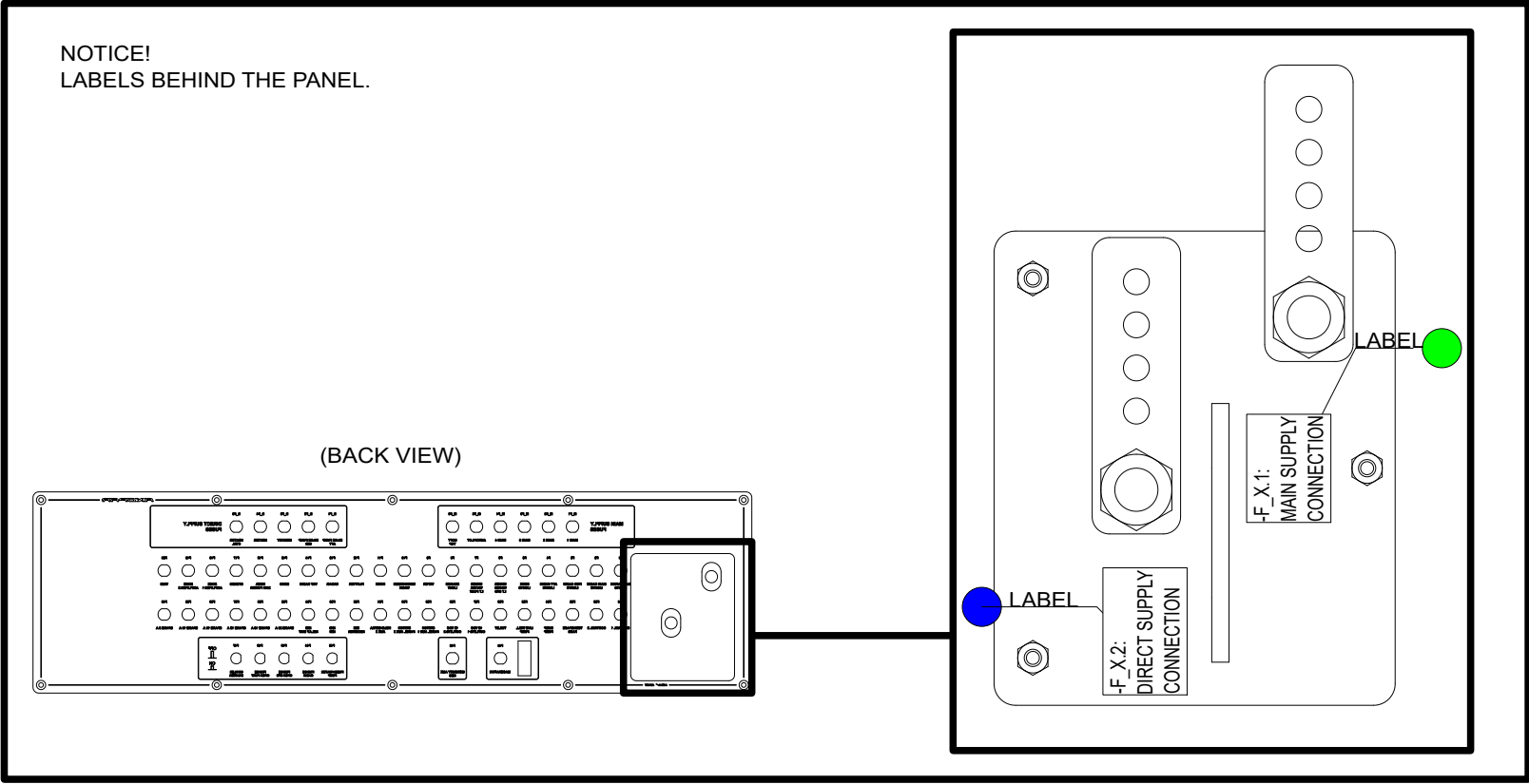
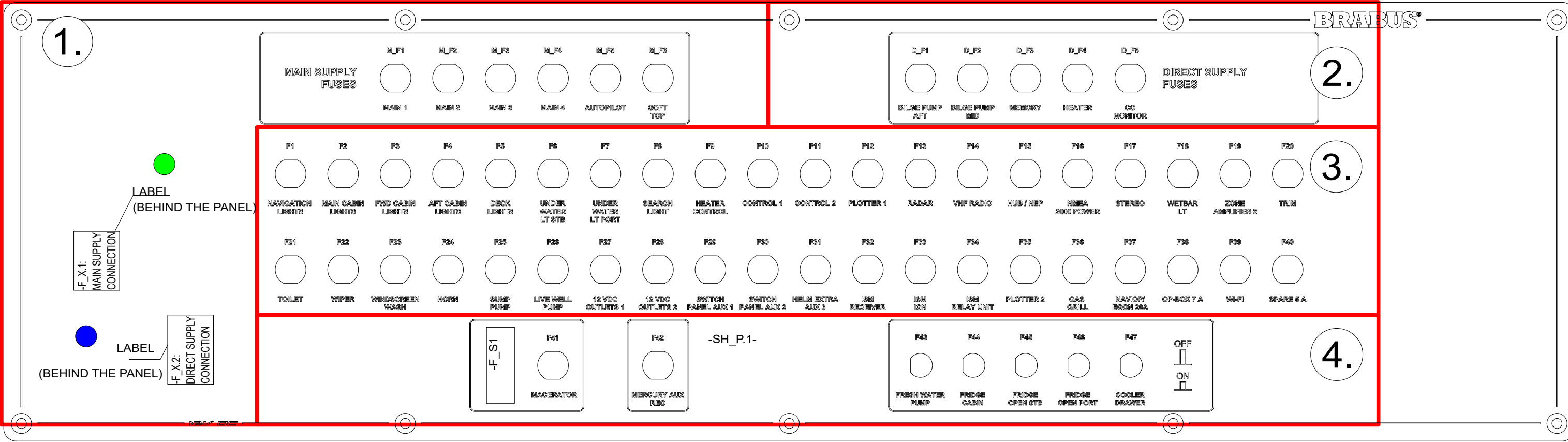


23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Date	24.4.2020	NAVIX designed solutions Copyright by	Axopar		SEE EXP VIEW		30811		Project ID	
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Drawing by	TuM		Boat		Sub-product code		Product code			
17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Sheet rev.	11		37 MY20 SHADOW		FUSE UNIT		HL			
Date of modification	Modified by	Description	Project rev.	G		Boat model		Title		Loc		173 / 210	
1		2		3		4		5		6		7	8



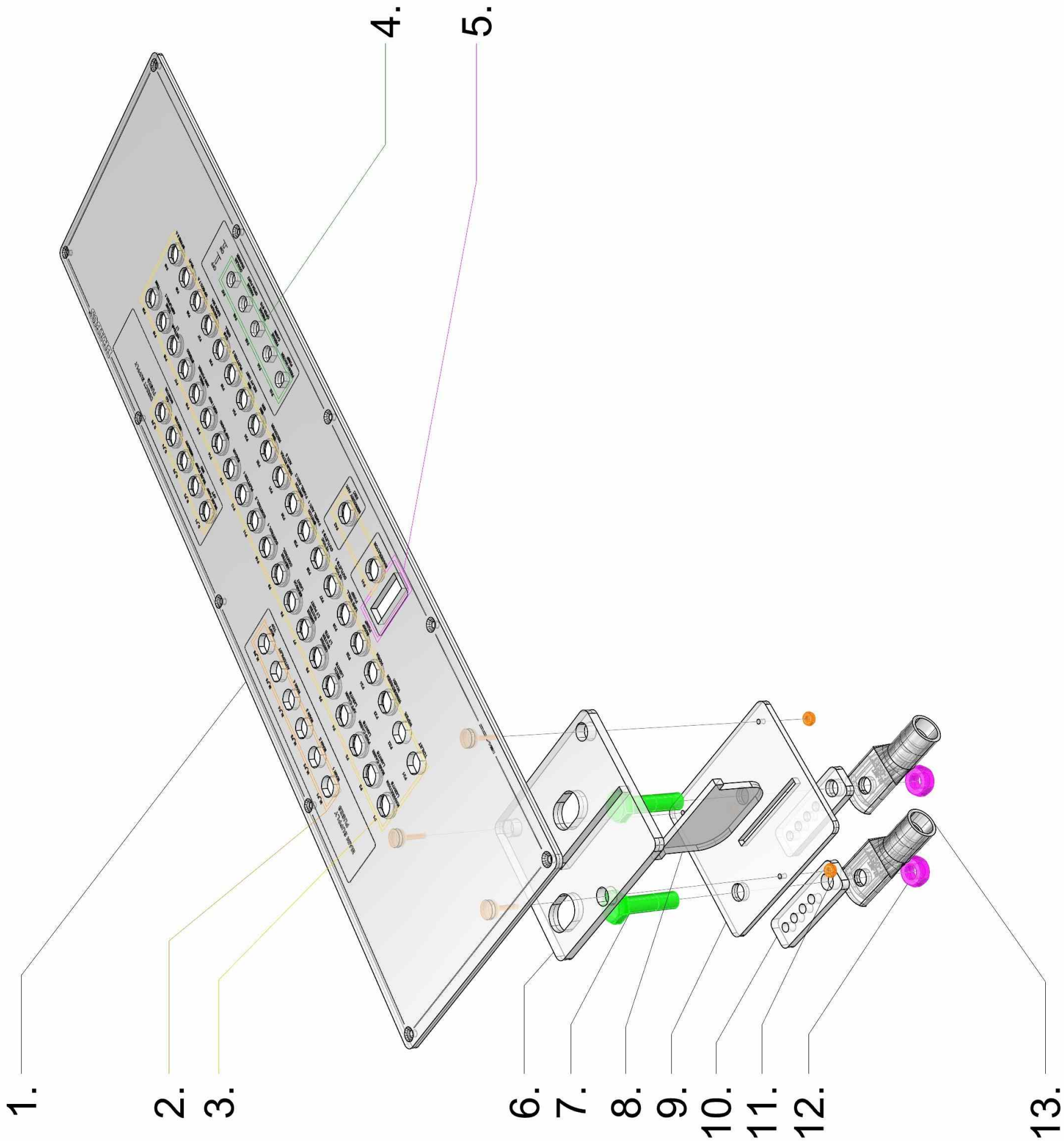
23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Date	24.4.2020	NAVIX designed solutions Copyright by	Axopar Boat 37 MY20 SHADOW Boat model	SEE EXP VIEW Sub-product code FUSE UNIT Title	30811 Product code HL Loc	Project ID 174 / 210 Sheet
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Drawing by	TuM					
17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Sheet rev.	11					
Date of modification	Modified by	Description	Project rev.	G					

FUSE PANEL GENERAL LAYOUT/ LABELS



23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Date	24.4.2020	NAVIX designed solutions Copyright by	Axopar	SEE EXP VIEW		30811			
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Drawing by	TuM		Boat	Sub-product code		Product code		Project ID	
17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Sheet rev.	11		37 MY20 SHADOW	FUSE UNIT		HL		175 / 210	
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title		Loc		Sheet	

30811_AXOPAR_37_MY_20_SHADOW_FUSE_UNIT



30811_AXOPAR_37_MY_20_SHADOW_FUSE_UNIT

- 1. 1PC 31116_AXOPAR_37_MY_20_SHADOW_FUSE_UNIT_PANEL_(WOC)_V6
- 2. 6PCs KUOYUH_98H_SERIES
- 3. 47PCS KUOYUH_98_SERIES
- 4. 5PCS ETA 1140 FUSE
- 5. 1PC ARCOLECTRIC_15..B_33.4X14.0
- 6. 1PC 29918_AXOPAR_37_MY20_FUSE_UNIT_MS_DC_BTМ_PANEL_(WOC)
- 7. 2PCS M10 L40
- 8. 1PC 29920_AXOPAR_37_MY20_FUSE_UNIT_MS_DC_SPACER_PANEL_(WOC)
- 9. 1PC 29919_AXOPAR_37_MY20_FUSE_UNIT_MS_DC_TOP_PANEL_(WOC)
- 10. 2PCS 30167_NAVIX_LINE_VIRTAKISKO_FOUR_SPOT_SMALL
- 11. 3PCS M4 NUT A4
- 12. 2PCS M10 SPRING WASHER
2PCS M10 NUT A4
- 13. 2PCS CABLE SHOES (AS IN DIAGRAM)

TE 30.10.2019
TS 21.06.2021

EXP VIEW

23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Date	24.4.2020	Axopar		SEE EXP VIEW		30811			
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Drawing by	TuM	Boat		Sub-product code		Product code		Project ID	
17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Sheet rev.	11	37 MY20 SHADOW		FUSE UNIT		HL		176 / 210	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc		Sheet	

NOTICE! CABLES WITH STICKER

FOR EXAMPLE
HEAVY AMP: POWER+

POWER STEER 1. CABLES

(TO TOP OF PACKAGE)

OPTION 1.
-TWIN ENGINE ONE STEERING PUMP

-PS_F2b#1

STB PWR STEER FUSE: 2

STB_PWR_STR+ -D3a:1

25 RED

720 mm

PWR STEER: -1-

MERCURY APS: STB

-PS_F2b:1 STB_PWR_STR+

-D3a#1

25/6

-PS_F1b#1

PORT PWR STEER FUSE: 2

PORT_PWR_STR+ -D3b:1

25 RED

680 mm

PWR STEER: -2-

MERCURY APS: PRT

-PS_F1b:1 PORT_PWR_STR+

-D3b#1

25/6

-PS_F6a#1

PWR.STEER. PUMP:CUBE FUSE

MAIN_PWR_STR_Fb3d:1

25 RED

300 mm

PWR STEER: -3-

MERCURY APS: OUT

-PS_F6aMAIN_PWR_STR_F

-D3d#1

25/6

-PS_F6b#1

PWR.STEER. PUMP CUBE FUSE

MAIN_PWR_STR_Fb4a:1

25 RED

4700 mm

PWR STEER: -4-

PWR. STEER. PUMP: V04100

-PS_F6bMAIN_PWR_STR_F

-B4a#1

25/8

PACKED TO OWN PACKAGE.

5

1.

2.

3.

3a.

4.

6.

8.

7.

-PS_F6a

-PS_F6b

300 AMP MAX

80A

58V

BUSS

-PS_F.6

-B.6

TERMINAL FUSE BLOCK

1. VMI36860 HEX NUT 1/4" "UNC A4

2. VMI31830 SPRING LOCK WASHER
M6 DIN127

3. VMI31831 FLAT WASHER FOR hex BOLTS
AND NUTS M6 DIN125A

3a. VMI36859 WIDE FLAT WASHER FOR HEX BOLT
AND NUTS M6 A4 DIN9021

4. 34640 -PS_F.6 CUBE FUSE MRFB-080 80A

5. 34641 -B.6 CFCOVER-1R SINGLE STUD/RED

6. 34642 CFBAR1-250SP SINGLE STUD

7. 36213 POWER DISTRIBUTION STUD
IS-10mm-1R

8. 31588 INSULATED COVER POSITIVE RED
ISC-10R

NOTICE!
BATTERY CABLES NEED TO ADD MARKINGS
SHOWN IN EXAMPLE BELOW.

EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.

MARKING

R2 ISO 6722 100V AWG6 +100 C

CABLE

EXAMPLE: RED 16mm2 WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

EQUIVALENCY:

mm2

AWG

10 mm2 = AWG8

16 mm2 = AWG6

25 mm2 = AWG3

35 mm2 = AWG2

LOOK FOR EQUIVALENT AWG SIZE FOR mm2
AND ADD THIS TO CABLE MARKINGS.

FOR EXAMPLE:
CABLE SIZE IS 25mm2 --> MARKING AWG3.

17.2.2023

RK

F3: NOT MODIFIED.

Date

5.7.2019

19.4.2024

PF

G3: 2005054; Not modified

Drawing by

TuM

1.12.2021

PN

E3: ADDED -PS_F.6, B.6, FUSE HOLDER & CABLE -PS_F6a_-D3d

Sheet rev.

3

Date of modification

Modified by

Description

Project rev.

G

NAVIX

designed solutions

Copyright by

Axopar

Boat

37 MY20

Boat model

30880

Sub-product code

POWER STEERING
CABLES 1xPUMP

Title

Product code

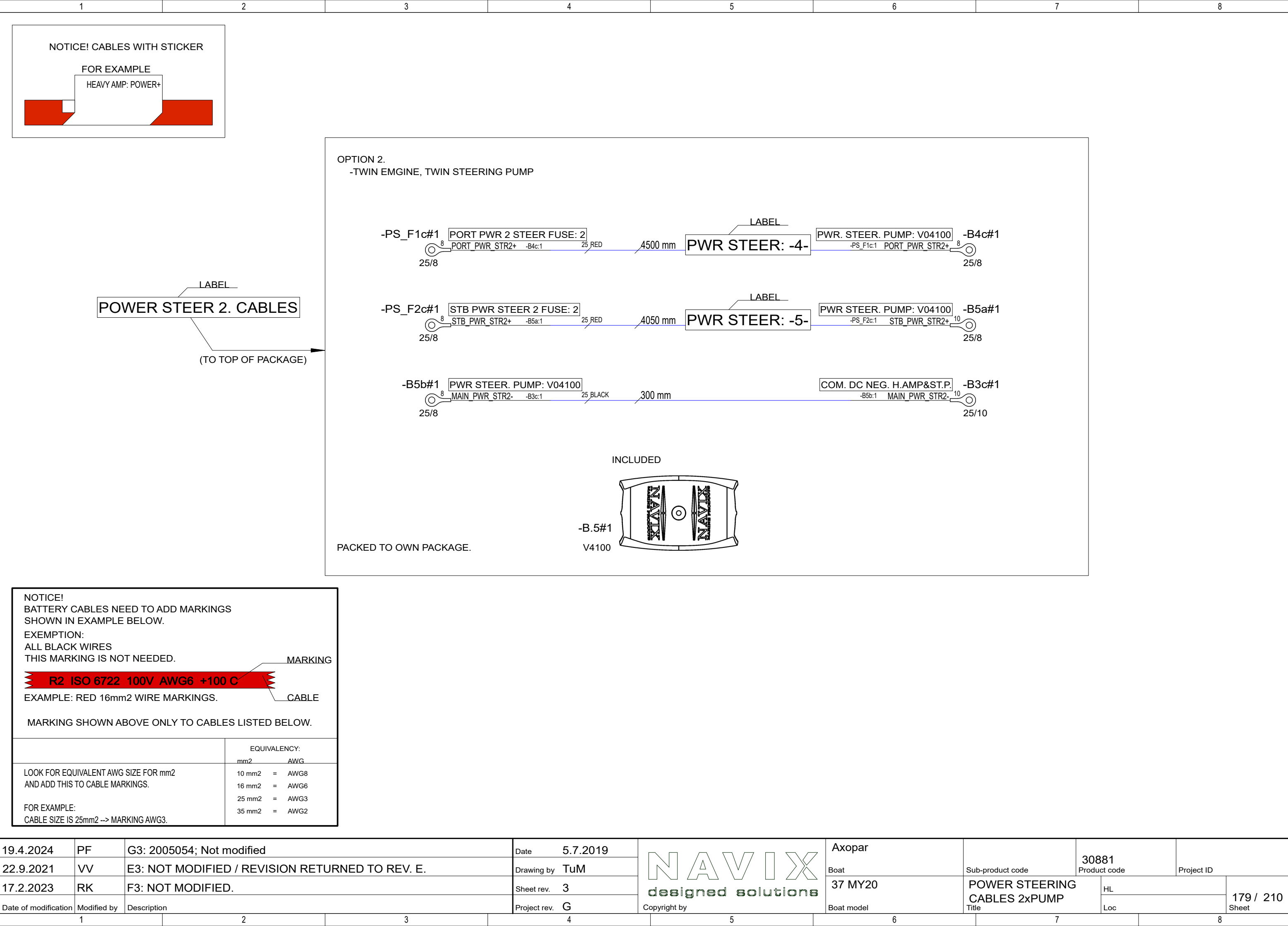
HL

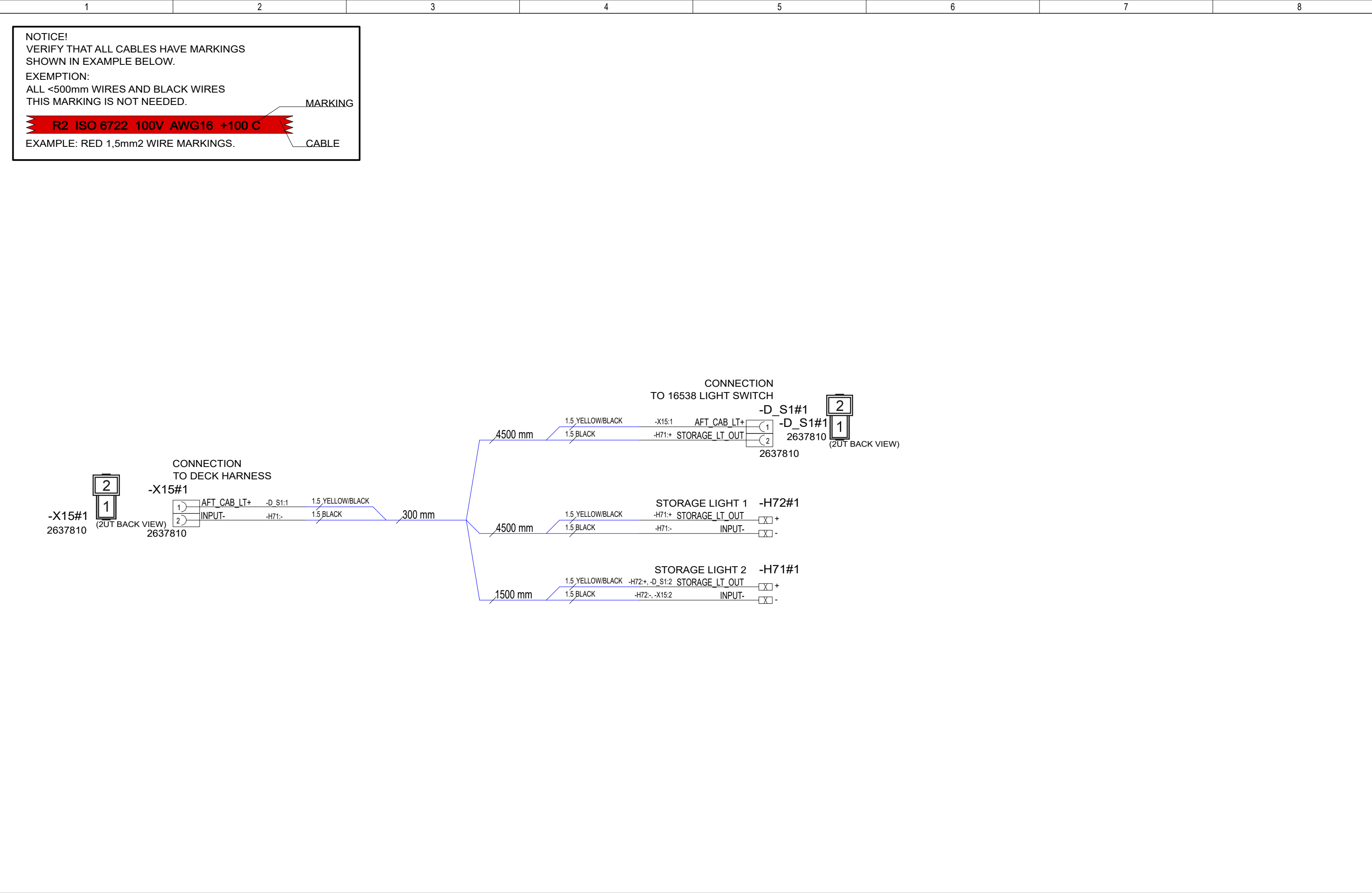
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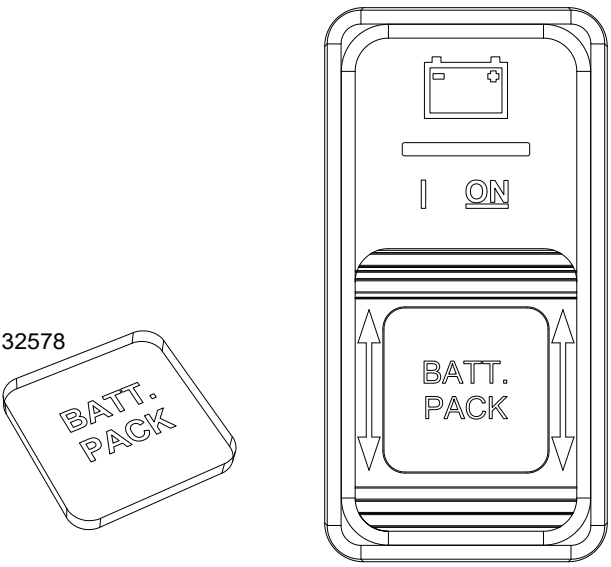
Project ID

178 / 210

Sheet





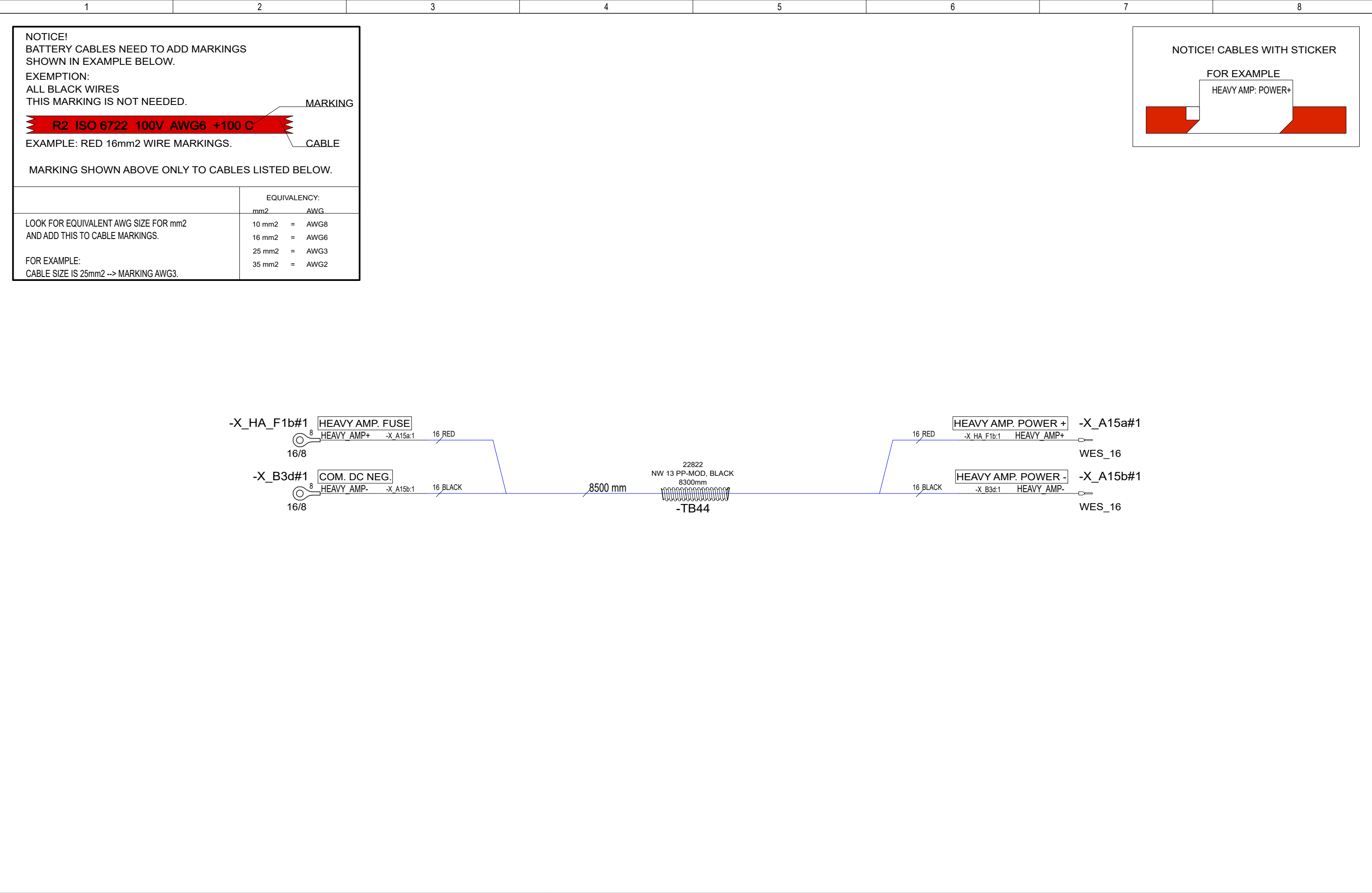


32578 NAVIX LINE BATT.BACK LABEL FOR 16756 SPDT V1
16756 Switch Contura SPDT (ON)OFF(ON) RG Blue Sea 2145B

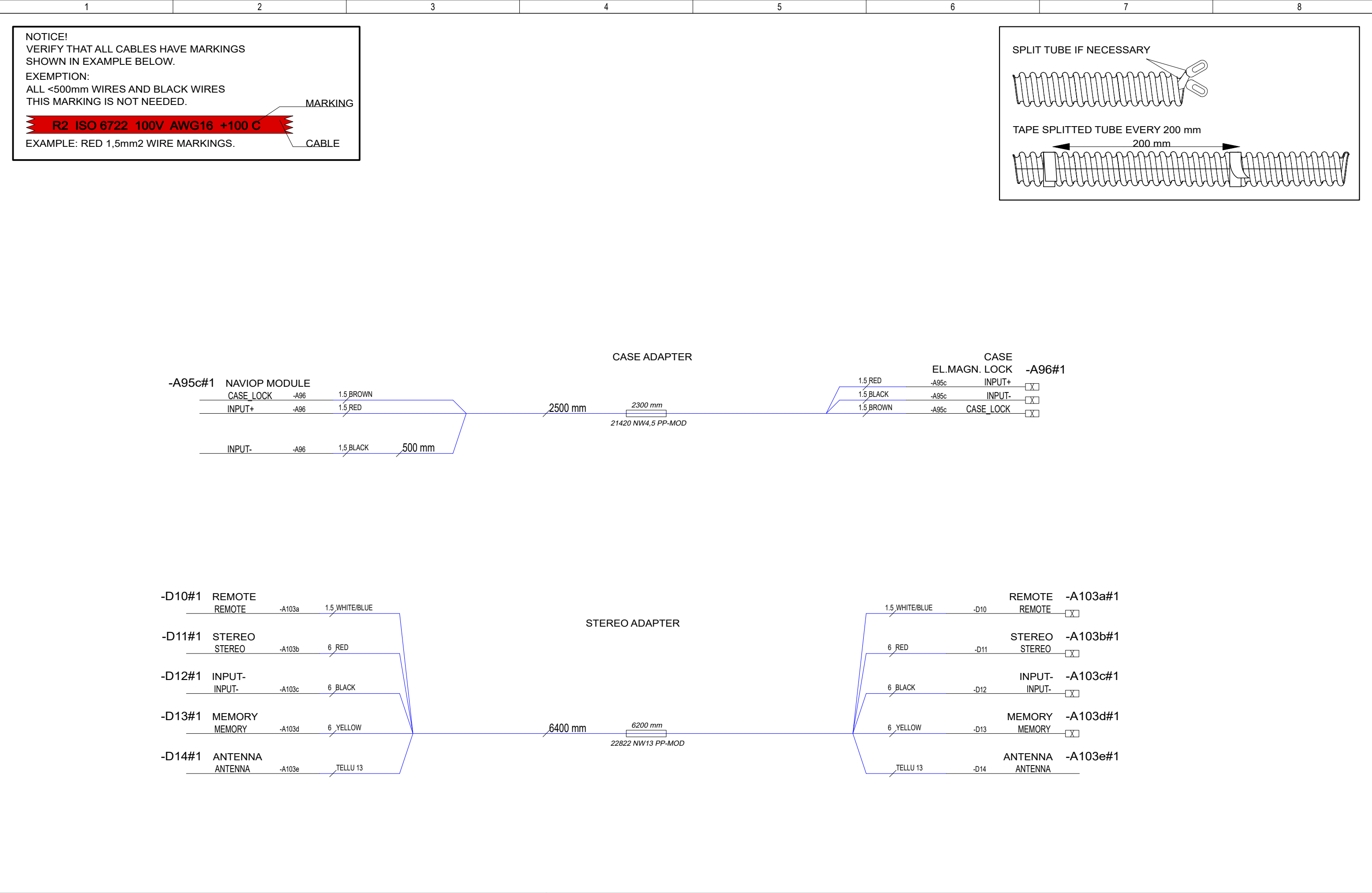
NOTICE! WITHOUT THE WIRING HARNESS!



22.9.2021	VV	E3: NOT MODIFIED / REVISION RETURNED TO REV. E.	Date	15.04.2021	NAVIX designed solutions Copyright by	Axopar	32578	32529	Project ID	
17.2.2023	RK	F3: NOT MODIFIED.	Drawing by	AR		Boat				
19.4.2024	PF	G3: 2005054; Not modified	Sheet rev.	3		37 MY20 SHADOW	BATT.PACK	HL	181/ 210	
Date of modification	Modified by	Description	Project rev.	G		Boat model	MAIN SWITCH PANEL	Loc		Sheet



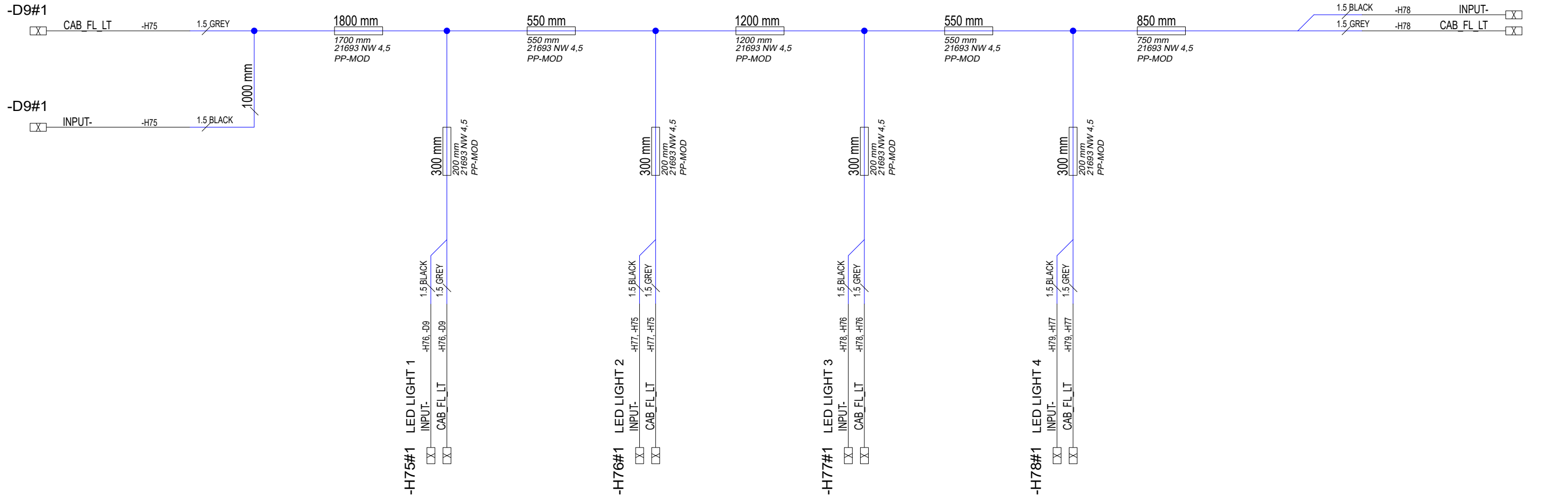
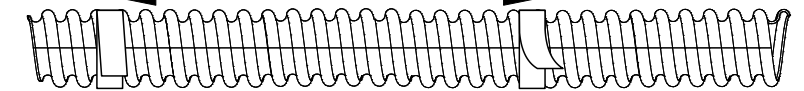
17.2.2023	RK	F2: NOT MODIFIED.	Date	5.11.2020	NAVIX designed solutions Copyright by	Axopar	Sub-product code	33378	Product code	Project ID					
19.4.2024	PF	G2: 2005054; Not modified	Drawing by	TT		Boat									
22.9.2021	VV	E2: NOT MODIFIED / REVISION RETURNED TO REV. E.	Sheet rev.	2		37 MY20					AMPLIFER POWER CABLE	HL			
Date of modification	Modified by	Description	Project rev.	G		Boat model					Title	Loc	182 / 210	Sheet	
1		2		3		4		5		6		7		8	



R2 ISO 6722 100V AWG16 +100 C

EXAMPLE: RED 1,5mm² WIRE MARKINGS. CABLE

CABLE

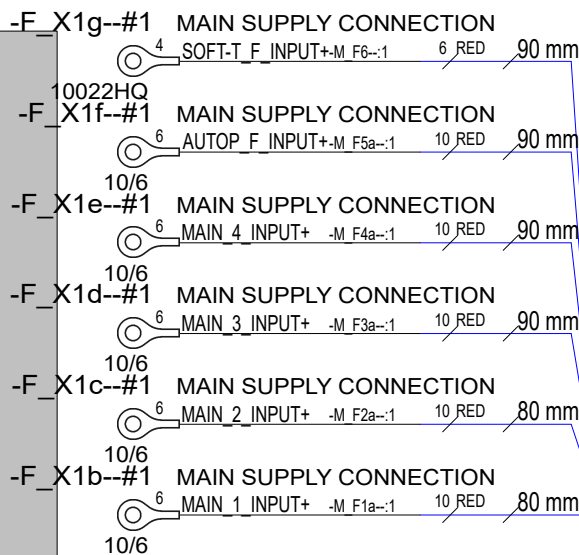


17.2.2023	RK	F2: NOT MODIFIED.	Date	5.11.2020	NAVIX designed solutions Copyright by	Axopar				33379			
19.4.2024	PF	G2: 2005054; Not modified	Drawing by	TT		Boat	Sub-product code						
22.9.2021	VV	E2: NOT MODIFIED / REVISION RETURNED TO REV. E.	Sheet rev.	2		37 MY20 SHADOW	CASE+STEREO+FR CAB. FL LT		HL		184 / 210		
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title		Loc				Sheet

1.

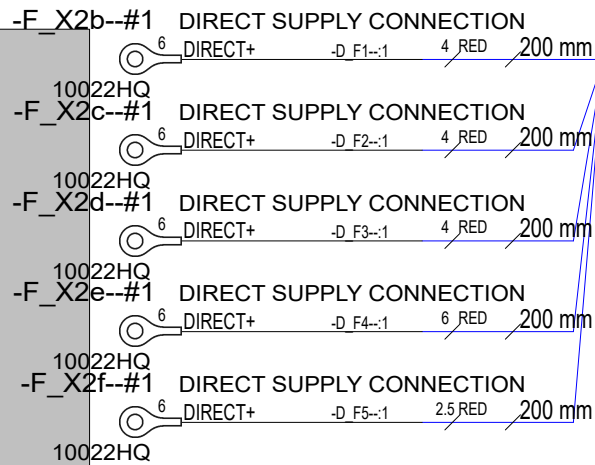
-F_X.1

MAIN SUPPLY CONNECTION
COPPER BAR

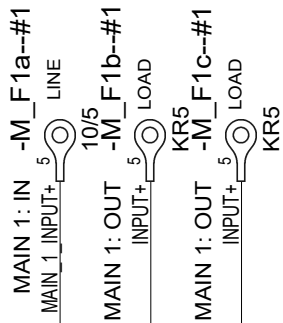


-F_X.2

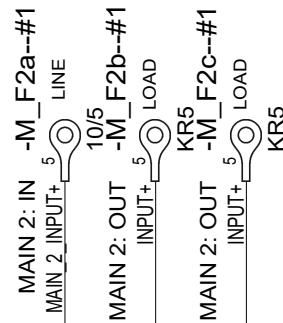
DIRECT SUPPLY CONNECTION
COPPER BAR



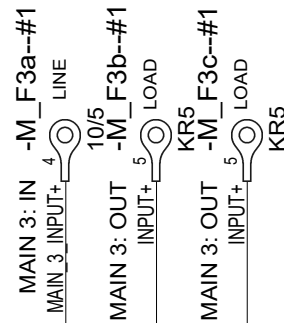
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98H-40-A1B10-A00SB



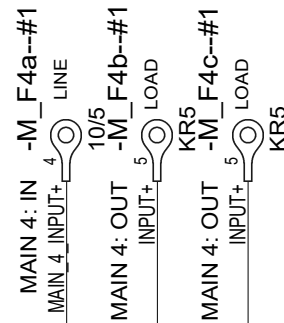
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98H-40-A1B10-A00SB



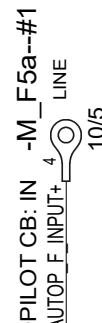
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98H-40-A1B10-A00SB



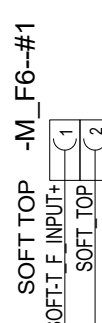
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98H-40-A1B10-A00SB



-M_F.5--#1
98H-40-A1B10-A00SB



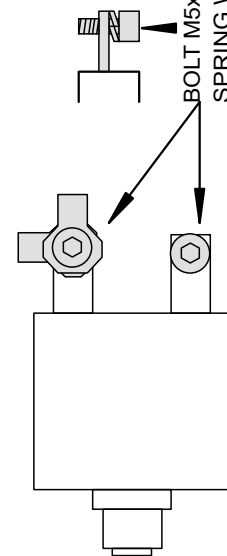
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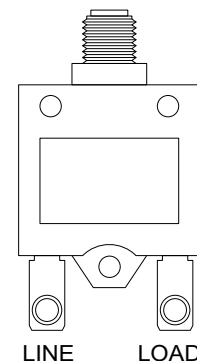
/187.A1<

/186.D1>

NOTICE!
98H-SERIES
BREAKERS



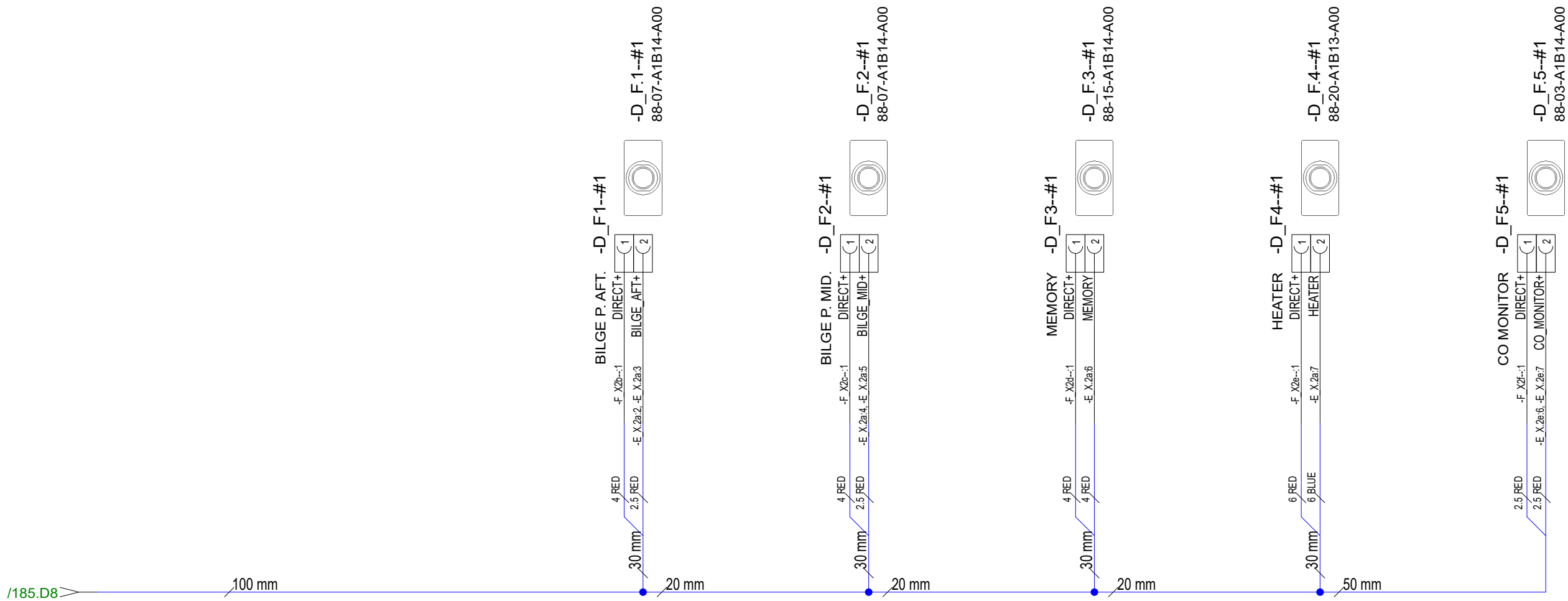
98H-SERIES
BREAKERS
PINS.



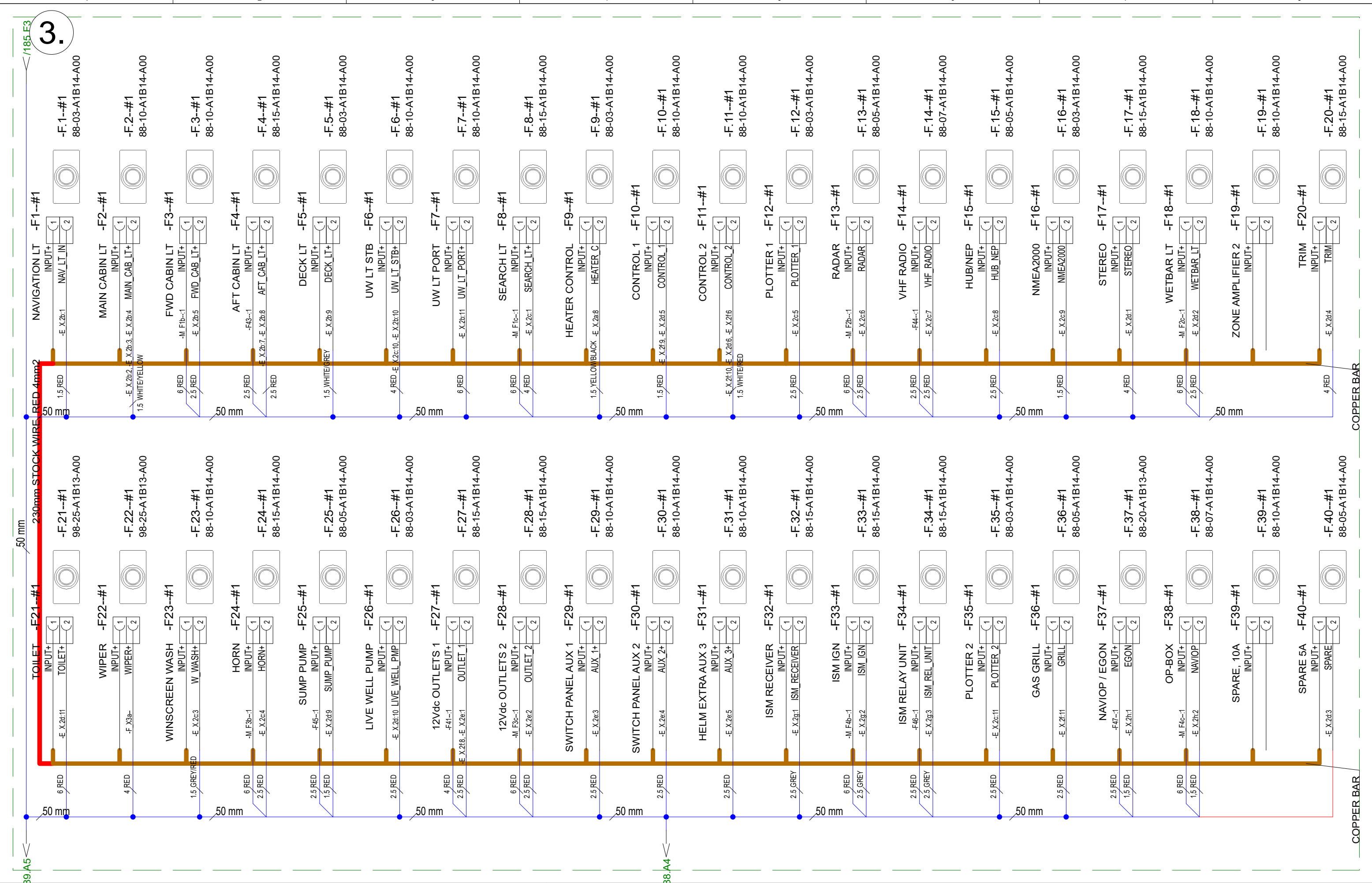
LINE LOAD

17.2.2023	RK	F3: -F18 IS NOW IN USE FOR WETBAR LT	Date	21.05.2021	Axopar		SEE EXP VIEW		34828		Project ID	
23.11.2023	PF	F4: 2004954; Changed livewell fuse to 3A	Drawing by	TT	Boat		Sub-product code		Product code		Project ID	
13.4.2024	PF	G5: 2005054; F47 10A->16A, F3 15A->10A	Sheet rev.	5	37 MY20 SHADOW		FUSE UNIT EU		HL		185 / 210	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc		Sheet	

2.

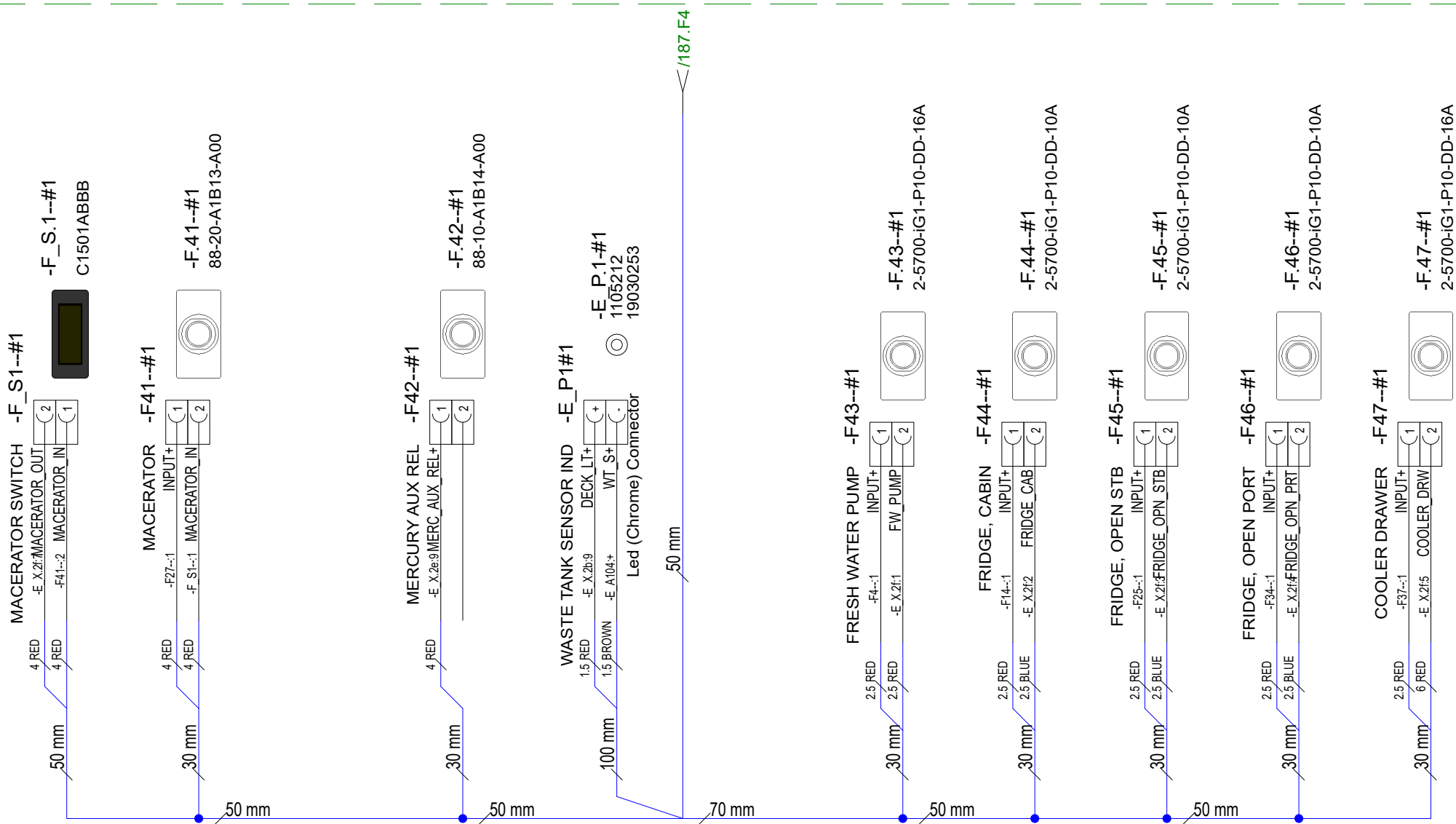


17.2.2023	RK	F3: -F18 IS NOW IN USE FOR WETBAR LT	Date	21.05.2021	Axopar		SEE EXP VIEW		34828			
23.11.2023	PF	F4: 2004954; Changed livewell fuse to 3A	Drawing by	TT	Boat		Sub-product code		Product code		Project ID	
13.4.2024	PF	G5: 2005054; F47 10A->16A, F3 15A->10A	Sheet rev.	5	37 MY20 SHADOW		FUSE UNIT EU		HL		186 / 210	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc		Sheet	

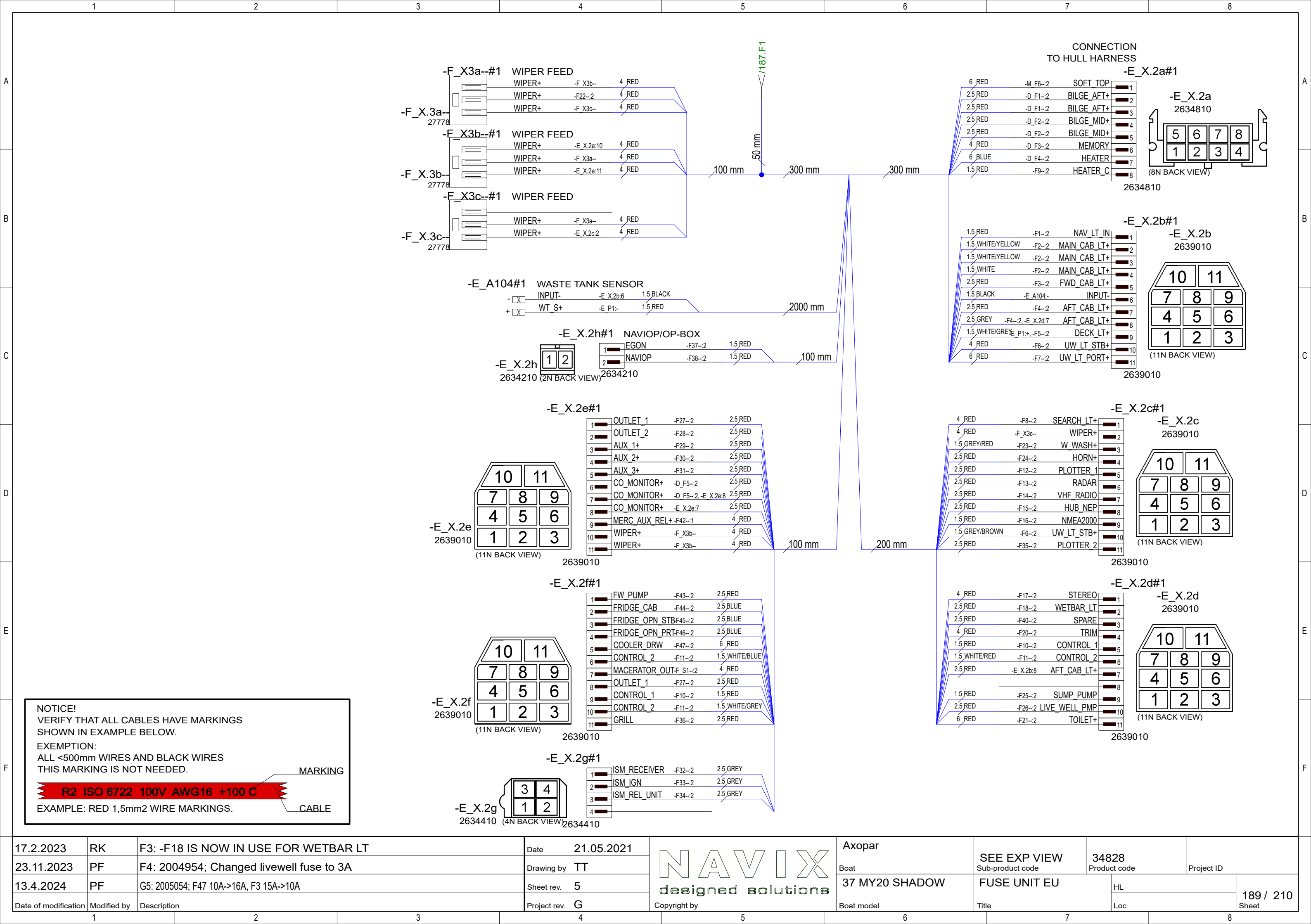


17.2.2023	RK	F3: -F18 IS NOW IN USE FOR WETBAR LT	Date	21.05.2021	NAVIX designed solutions Copyright by	Axopar	SEE EXP VIEW		34828	Project ID
23.11.2023	PF	F4: 2004954; Changed livewell fuse to 3A	Drawing by	TT		Boat	Sub-product code		Product code	
13.4.2024	PF	G5: 2005054; F47 10A->16A, F3 15A->10A	Sheet rev.	5		37 MY20 SHADOW	FUSE UNIT EU		HL	187 / 210
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title		Loc	

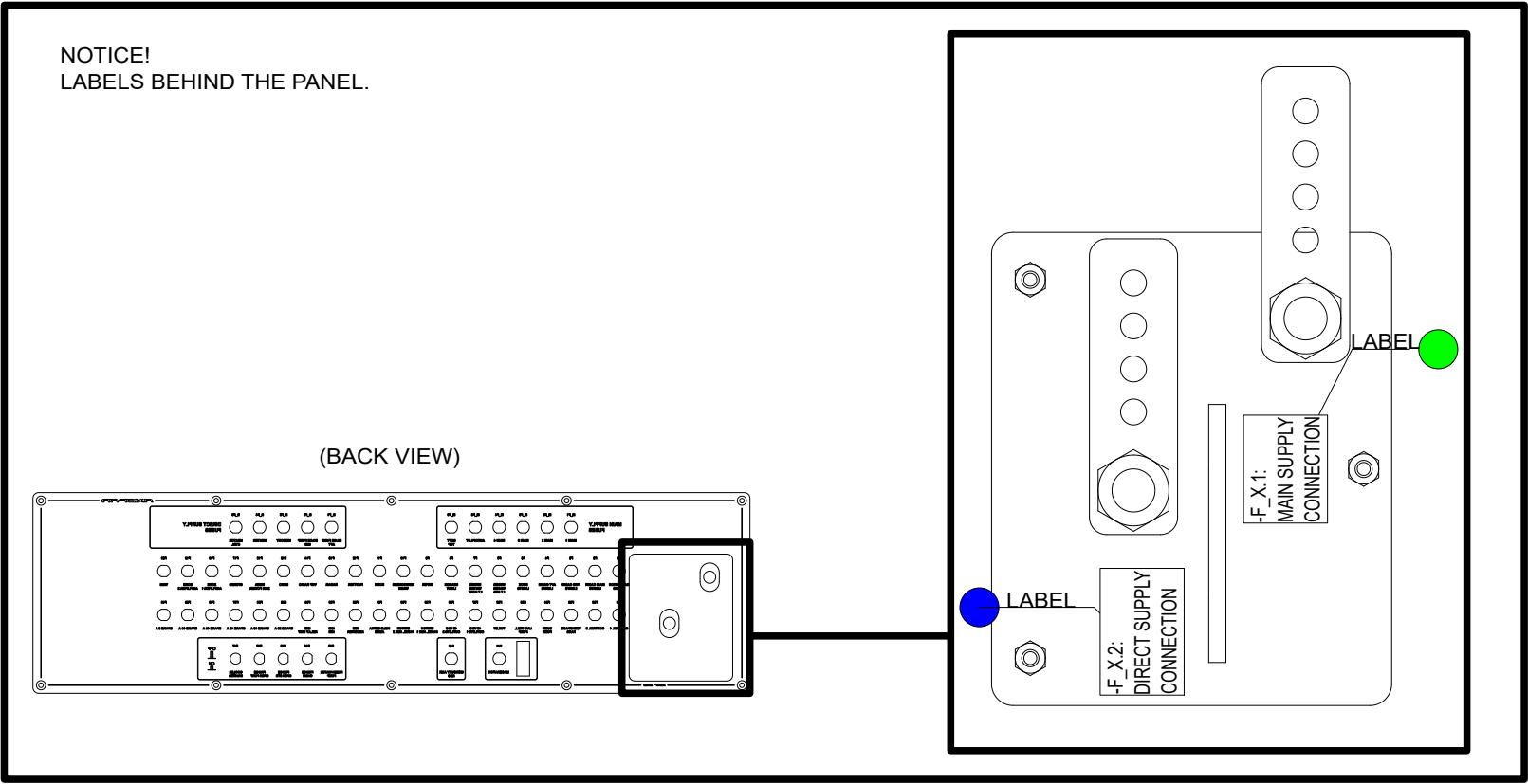
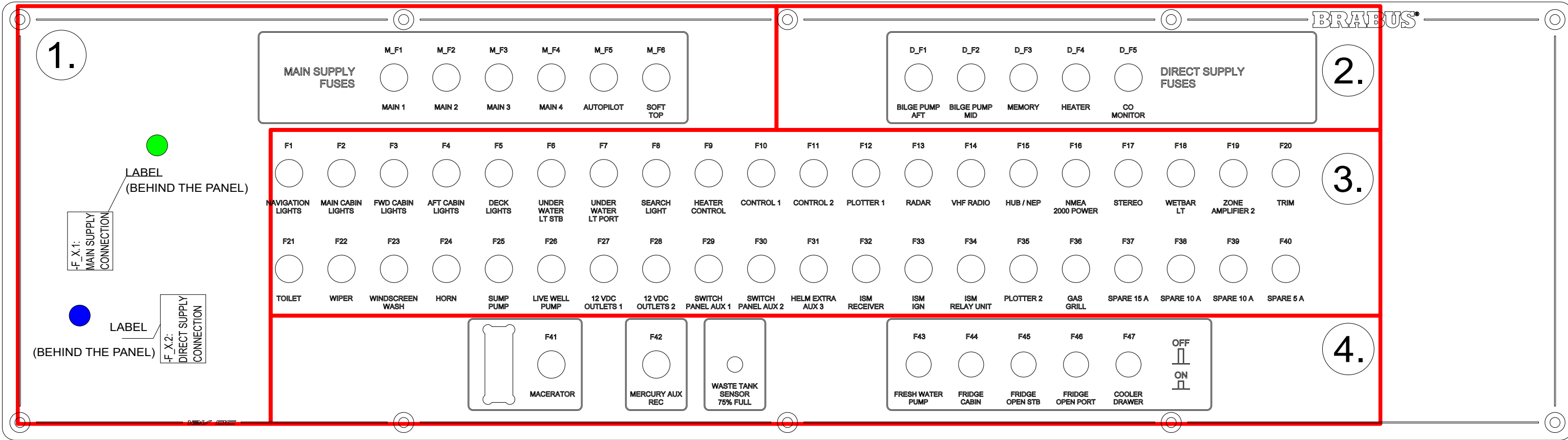
4.



17.2.2023	RK	F3: -F18 IS NOW IN USE FOR WETBAR LT	Date	21.05.2021	NAVIX designed solutions Copyright by	Axopar	SEE EXP VIEW	34828		
23.11.2023	PF	F4: 2004954; Changed livewell fuse to 3A	Drawing by	TT		Boat				
13.4.2024	PF	G5: 2005054; F47 10A->16A, F3 15A->10A	Sheet rev.	5		37 MY20 SHADOW	FUSE UNIT EU	HL	188 / 210	
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc		

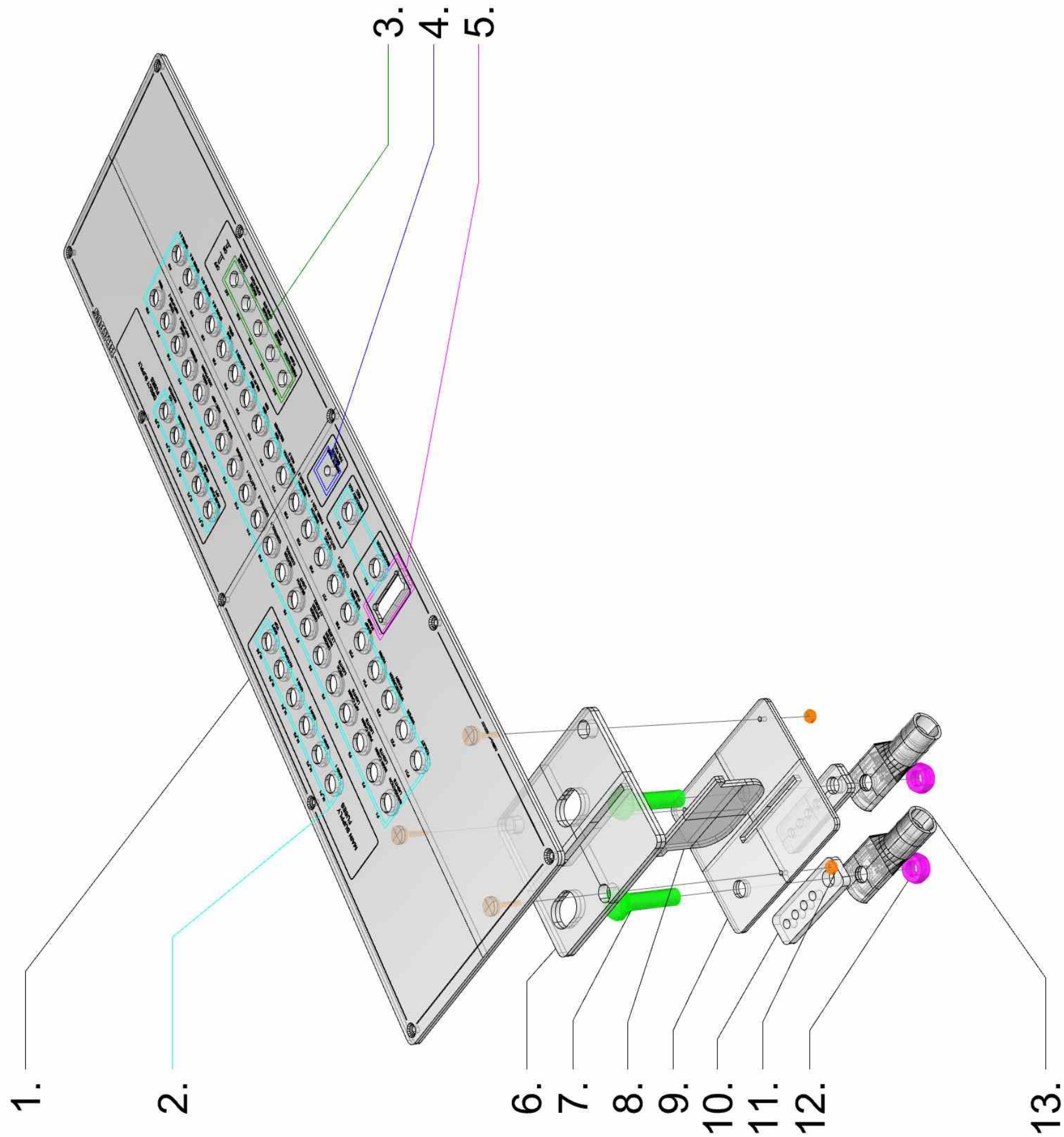


FUSE PANEL GENERAL LAYOUT/ LABELS



17.2.2023	RK	F3: -F18 IS NOW IN USE FOR WETBAR LT	Date	21.05.2021	NAVIX designed solutions Copyright by	Axopar	SEE EXP VIEW		34828	Project ID	190 / 210
23.11.2023	PF	F4: 2004954; Changed livewell fuse to 3A	Drawing by	TT		Boat	Sub-product code		Product code		
13.4.2024	PF	G5: 2005054; F47 10A->16A, F3 15A->10A	Sheet rev.	5		37 MY20 SHADOW	FUSE UNIT EU		HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title		Loc		

34828_AXOPAR_37_SHADOW_FUSE_UNIT_EU



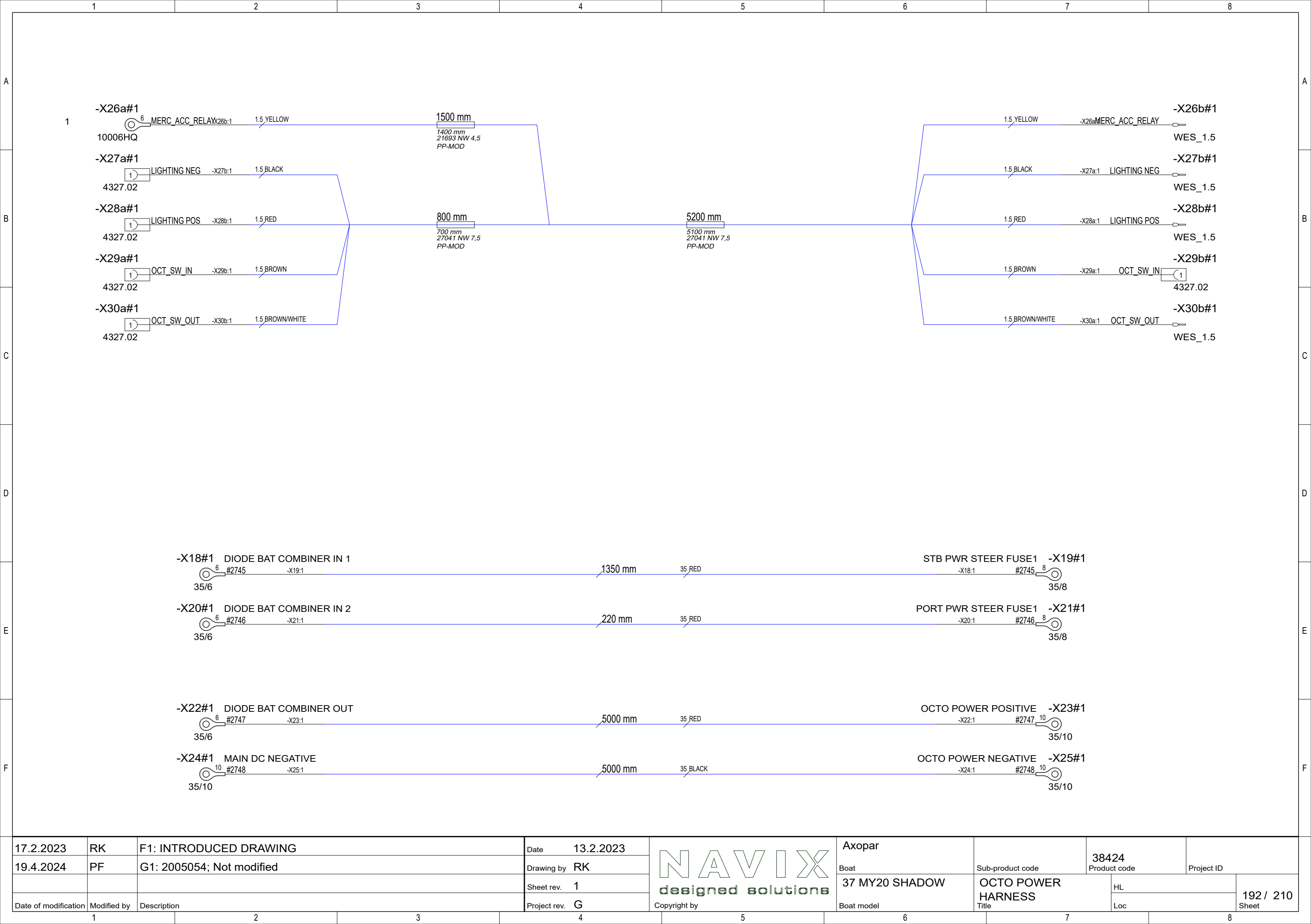
34828_AXOPAR_37_SHADOW_FUSE_UNIT_EU

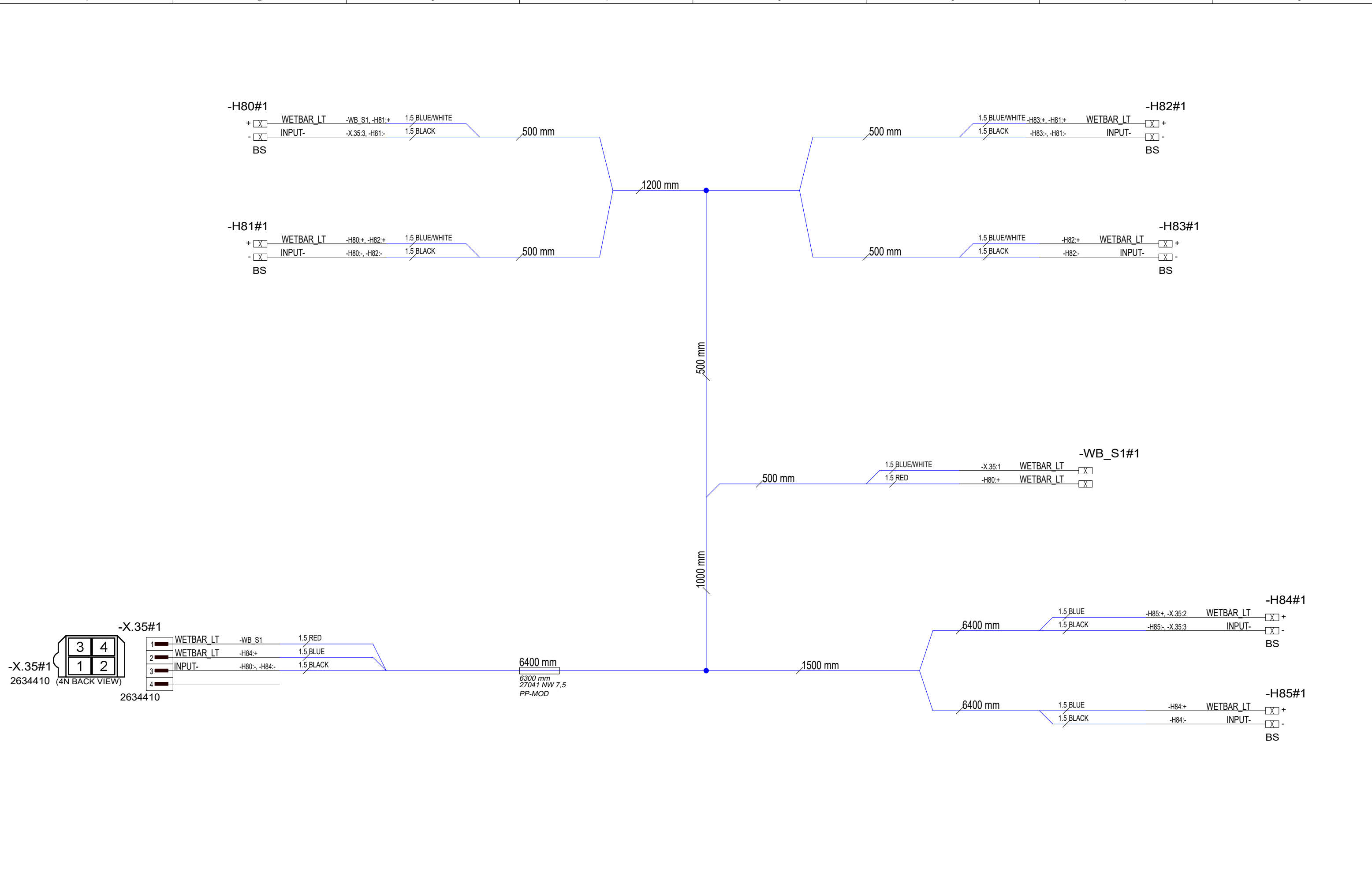
- 1. 1PC 35001_AXOPAR_37_SHADOW_FUSE_UNIT_EU_PANEL_(WOC)
- 2. 53PCS KUOYUH_98H_SERIES (as in diagram)
- 3. 5PCS ETA 1140 FUSE
- 4. 1PC 19030253 LED PANEL MOUNT INDICATOR, SATIN CHROME BEZEL. RED. 12 VDC, 6mm 20mA, 13MCD, IP40
- 5. 1PC ARCOLECTRIC_15..B_33.4X14.0
- 6. 1PC 29918_AXOPAR_37_MY20_FUSE_UNIT_MS_DC_BTМ_PANEL_(WOC)
- 7. 2PCS M10 L40
- 8. 1PC 29920_AXOPAR_37_MY20_FUSE_UNIT_MS_DC_SPACER_PANEL_(WOC)
- 9. 1PC 29919_AXOPAR_37_MY20_FUSE_UNIT_MS_DC_TOP_PANEL_(WOC)
- 10. 2PCS 30167_NAVIX_LINE_VIRTAKISKO_FOUR_SPOT_SMALL
- 11. 3PCS M4 NUT A4
- 12. 2PCS M10 SPRING WASHER
2PCS M10 NUT A4
- 13. 2PCS CABLE SHOES (AS IN DIAGRAM)

EXP VIEW

TE 19.05.2021

17.2.2023	RK	F3: -F18 IS NOW IN USE FOR WETBAR LT	Date	21.05.2021	Axopar		SEE EXP VIEW		34828			
23.11.2023	PF	F4: 2004954; Changed livewell fuse to 3A	Drawing by	TT	Boat		Sub-product code		Product code		Project ID	
13.4.2024	PF	G5: 2005054; F47 10A->16A, F3 15A->10A	Sheet rev.	5	37 MY20 SHADOW		FUSE UNIT EU		HL		191/ 210	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		Loc		Sheet	





17.2.2023	RK	F1: INTRODUCED DRAWING	Date	13.2.2023	NAVIX designed solutions Copyright by	Axopar		38425	Project ID	193 / 210
19.4.2024	PF	G1: 2005054; Not modified	Drawing by	RK		Boat				
			Sheet rev.	1		37 MY20 SHADOW	WETBAR LIGHTS	HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	HARNES	Loc		

NOTICE!
BATTERY CABLES NEED TO ADD MARKINGS
SHOWN IN EXAMPLE BELOW.
EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.

MARKING

BT-SK 750V AWG2 +100 C

CABLE

EXAMPLE: RED 50mm2 WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

	EQUIVALENCY:
mm2	AWG
25 mm2	= AWG3
35 mm2	= AWG2
50 mm2	= AWG0
70 mm2	= AWG2/0
95 mm2	= AWG3/0
120 mm2	= 250 kcmil

LOOK FOR EQUIVALENT AWG SIZE FOR mm2
AND ADD THIS TO CABLE MARKINGS.

FOR EXAMPLE:
CABLE SIZE IS 70mm2 --> MARKING AWG2/0.

NOTICE! CABLES WITH STICKER

FOR EXAMPLE
HEAVY AMP: POWER+



Packed as separate sets and included

V8 engine

-A_F.1#1

IGN PROT FUSE ANL 80A

23030

80A

-A_F.2#1

IGN PROT FUSE ANL 80A

23030

80A

-A_F.3#1

IGN PROT FUSE ANL 150A

13633

150A

V10 engine

-A_F.1#1

IGN PROT FUSE ANL 150A

13633

150A

-A_F.2#1

IGN PROT FUSE ANL 150A

13633

150A

-A_F.3#1

IGN PROT FUSE ANL 200A

23032

200A

Customer installs correct fuses to
battery box according to engine type

26.9.2023	PF	E1: 2004855: Introduced drawing (Based on 29600)	Date	22.5.2019	NAVIX designed solutions	Axopar				
13.10.2023	PF	F1: Import to F-revision	Drawing by	TuM		Boat	39902		Project ID	
19.4.2024	PF	G1: 2005054; Not modified	Sheet rev.	1		37 MY20	ALTERNATOR CABLES		HL	
Date of modification	Modified by	Description	Project rev.	G		Boat model	V10		Loc	
1	2	3	4	5	6	7	8		194 / 210	
										Sheet

NOTICE!
BATTERY CABLES NEED TO ADD MARKINGS
SHOWN IN EXAMPLE BELOW.
EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.

MARKING

CABLE

EXAMPLE: RED 50mm2 WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

EQUIVALENCY:	
mm2	AWG
50 mm2	= AWG0
70 mm2	= AWG2/0
95 mm2	= AWG3/0
120 mm2	= 250 kcmil

LOOK FOR EQUIVALENT AWG SIZE FOR mm2
AND ADD THIS TO CABLE MARKINGS.

FOR EXAMPLE:
CABLE SIZE IS 70mm2 --> MARKING AWG2/0.

NOTICE!
BATTERY CABLES NEED TO ADD MARKINGS
SHOWN IN EXAMPLE BELOW.
EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.

MARKING

CABLE

EXAMPLE: RED 50mm2 WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

EQUIVALENCY:	
mm2	AWG
25 mm2	= AWG3
35 mm2	= AWG2
50 mm2	= AWG0
70 mm2	= AWG2/0
95 mm2	= AWG3/0
120 mm2	= 250 kcmil

LOOK FOR EQUIVALENT AWG SIZE FOR mm2
AND ADD THIS TO CABLE MARKINGS.

FOR EXAMPLE:
CABLE SIZE IS 70mm2 --> MARKING AWG2/0.

Packed as separately and included

V8 engine

-A_F.5#1

IGN PROT FUSE ANL 150A

13633

150A

V10 engine

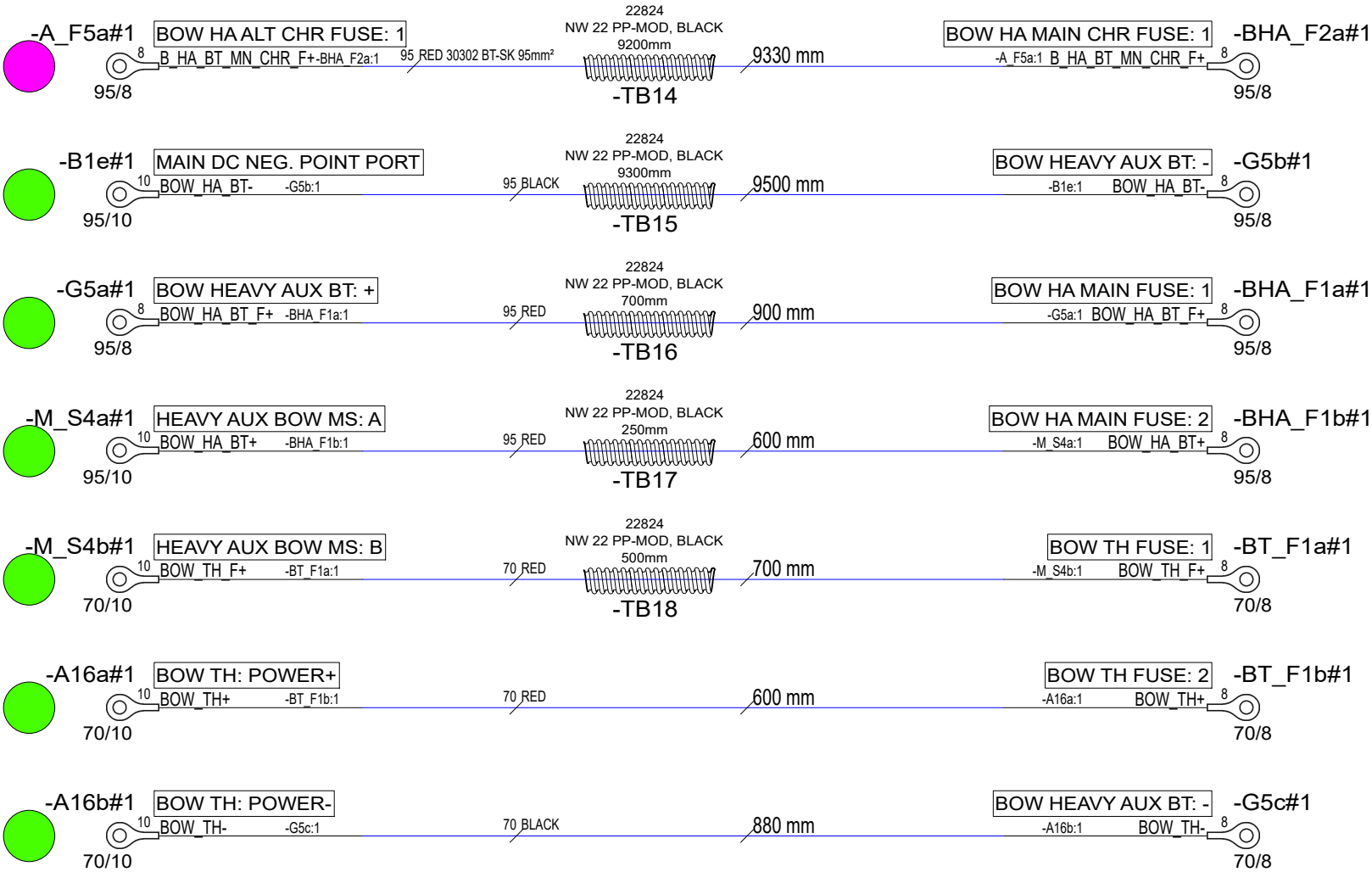
-A_F.5#1

IGN PROT FUSE ANL 250A

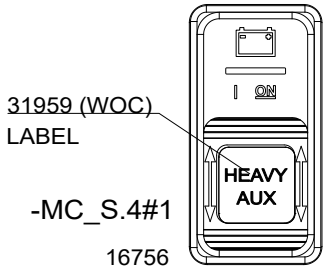
20011

250A

Customer installs correct fuses to
battery box according to engine type

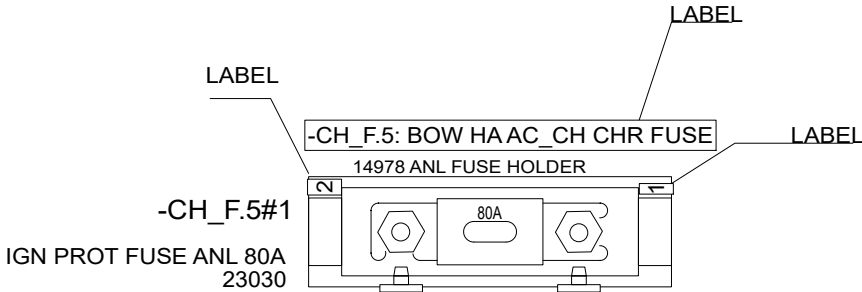


INCLUDED

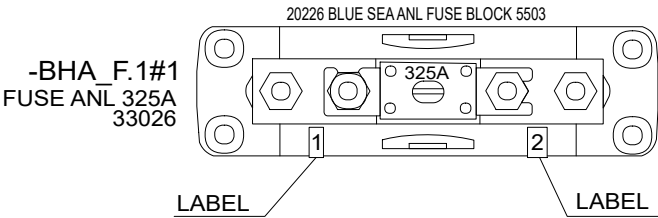


-MC_S.4#1
16756

HA MS CTRL SWITCH

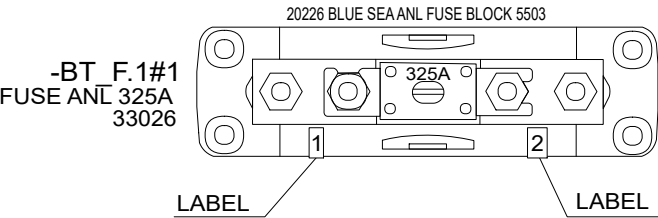


-CH_F.5#1
IGN PROT FUSE ANL 80A
23030



-BHA_F.1#1
FUSE ANL 325A
33026

LABEL
-BHA_F.1: BOW HA MAIN FUSE



-BT_F.1#1
FUSE ANL 325A
33026

LABEL
-BT_F.1: BOW TH FUSE

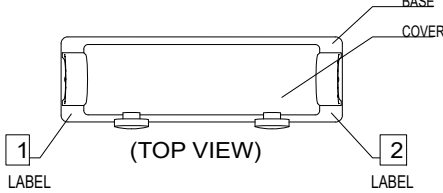
NOTICE! CABLES WITH STICKER

FOR EXAMPLE
HEAVY AMP: POWER+

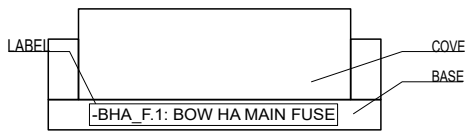


LABEL INSTRUCTIONS

NOTICE! PUT LABELS TO FUSE HOLDER
BASE - NOT TO COVER.



(TOP VIEW)



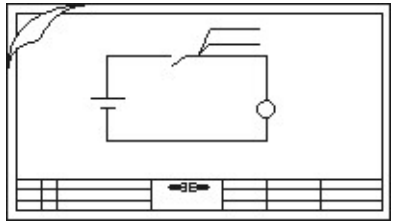
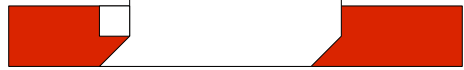
(SIDE VIEW)

(with cover)

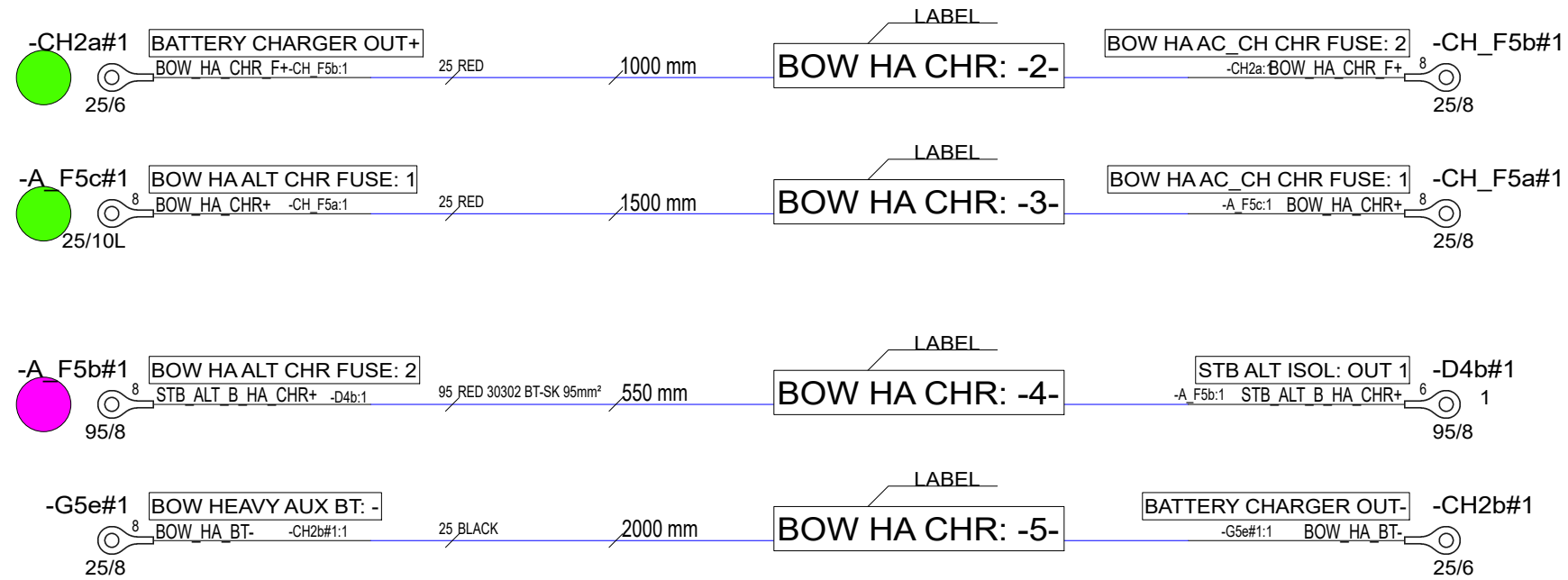
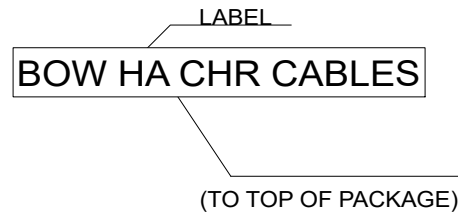
30.7.2024	PF	G3: 2005139; Cable lug changes	Date	22.5.2019	NAVIX designed solutions Copyright by	Axopar	31959	39903	Project ID	195 / 210
13.10.2023	PF	F1: Import to F-revision	Drawing by	TuM		Boat				
11.4.2024	PF	G2: 2005054; Isol. link rem, CH_F5 &cables added, MC_S4 label, lengths	Sheet rev.	3		37 MY20	BOW THRUSTER	HL		
Date of modification	Modified by	Description	Project rev.	G		Boat model	CABLE SET V10	Loc		

FOR EXAMPLE

HEAVY AMP: POWER+



39903 BOW THRUSTER CABLE SET



NAVIX
designed solutions

196 / 210
heet

30.7.2024	PF	G3: 2005139; Cable lug changes	Date	6.7.2019	NAVIX designed solutions Copyright by	Axopar	Sub-product code	39903	Product code	Project ID
13.10.2023	PF	F1: Import to F-revision	Drawing by	TuM		Boat				
11.4.2024	PF	G2: 2005054; Isol. link rem, CH_F5 &cables added, MC_S4 label, lengths	Sheet rev.	3		37 MY20	BOW THRUSTER	HL	196 / 210	
Date of modification	Modified by	Description	Project rev.	G		Boat model	CABLE SET V10	Loc		Sheet

NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.

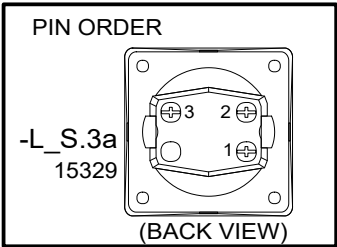
R2 ISO 6722 100V AWG16 +100 C
EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

MARKING

CABLE

CUSTOMER: When no light
pack is selected, install FOUR
(4) pieces to main cabin

-L_S.3_FR1
BE0918272505



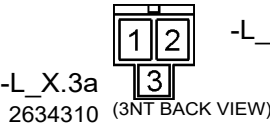
-L_S.3a
15329
BE0936562505

-L_S3a#1

2 MAIN_CAB_LT+ -L_X.3a:2

1 MAIN_CAB_LT+ -L_X.3a:1

3 MAIN_CAB_LT+ -L_X.3a:3



-L_X.3a#1

1 MAIN_CAB_LT+ -L_S3a:1

2 MAIN_CAB_LT+ -L_S3a:2

3 MAIN_CAB_LT+ -L_S3a:3

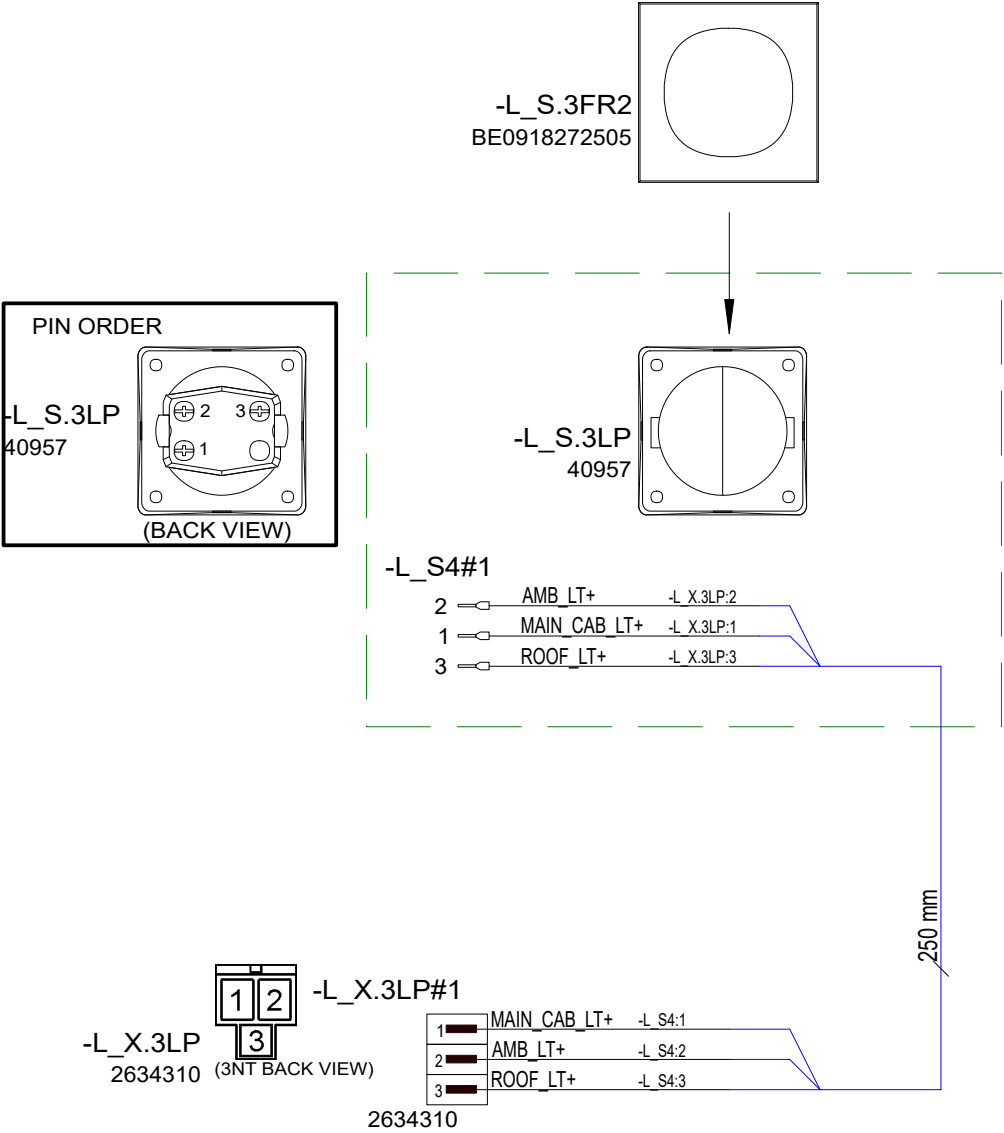
250 mm

8.4.2024	PF	G1: 2005054; New product	Date	12.3.2024	Axopar					
			Drawing by	PF	Boat		Sub-product code	41158	Product code	Project ID
			Sheet rev.	1	37 MY25	BASIC LIGHT SWITCH			HL	197 / 210
Date of modification	Modified by	Description	Project rev.	G	Boat model	Title	Loc		Sheet	

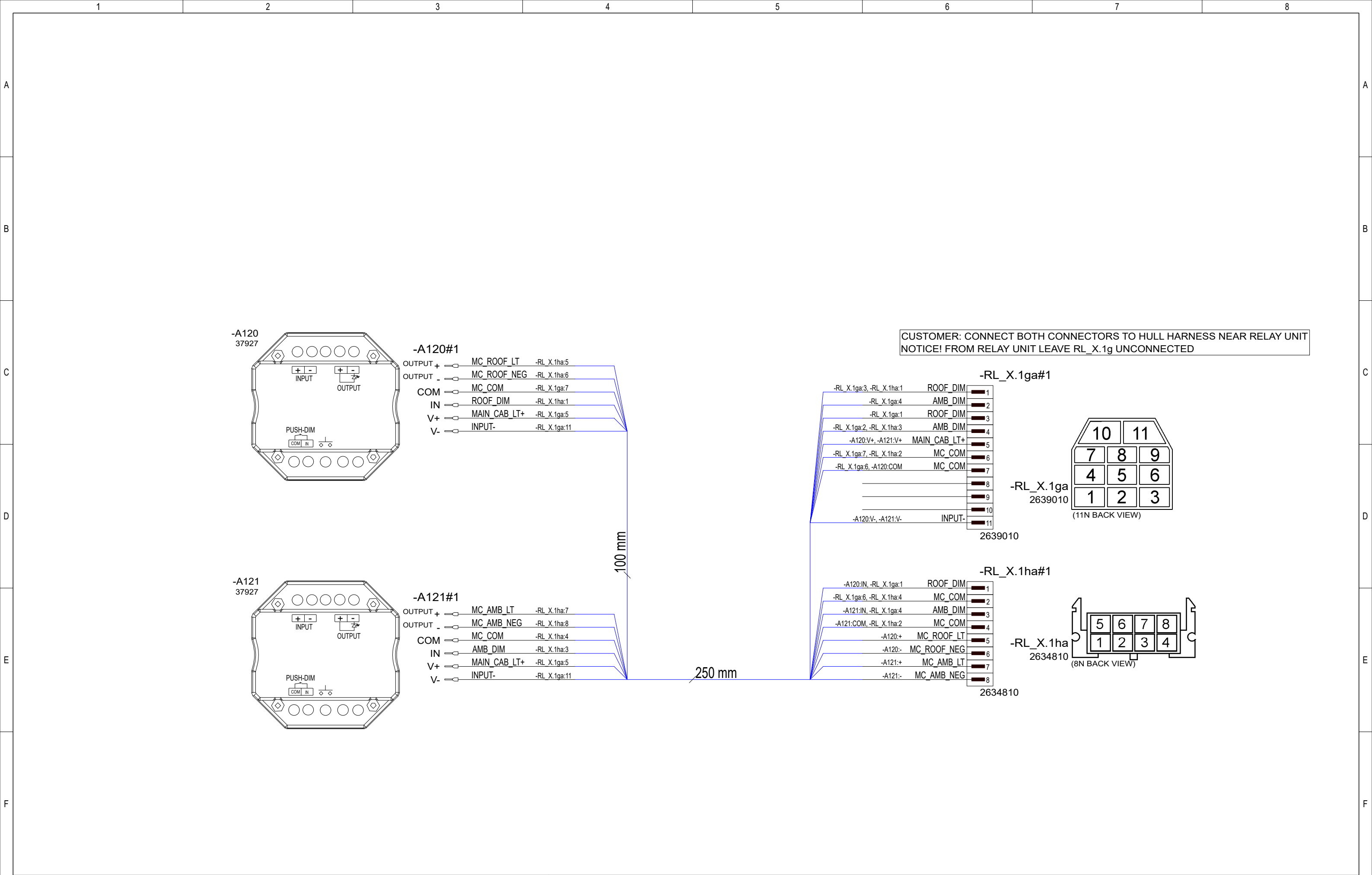
NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.

MARKING
R2 ISO 6722 100V AWG16 +100 C
CABLE
EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

CUSTOMER: With light pack
is selected, install TWO (2)
pieces to main cabin



8.4.2024	PF	G1: 2005054; New product	Date	15.3.2024	Axopar			
			Drawing by	PF	Boat	Sub-product code	41159	Project ID
			Sheet rev.	1	37 MY25	LIGHT PACK SWITCH		
Date of modification	Modified by	Description	Project rev.	G	Boat model	Title	HL	198 / 210
1		2	4	5	6	7	Loc	Sheet



8.4.2024	PF	G1: 2005054; New product	Date	15.3.2024	Axopar					
			Drawing by	PF	Boat		Sub-product code		41160	
			Sheet rev.	1	37 MY25		DIMMER KIT		Product code	
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title		HL	
1		2	4	5	6		7		8	
				NAVIX		designed solutions		Loc		199 / 210
				Copyright by						Sheet

/200.A8

[illegible]

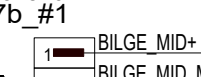
CONNECTION TO HULL HARNESS

-X.7a_#1

The diagram shows the back view of an 8-pin connector. The pins are arranged in two rows of four. The top row pins are labeled 5, 6, 7, 8 from left to right. The bottom row pins are labeled 1, 2, 3, 4 from left to right. The connector is labeled -X.7a_#1 and 2634810. The text (8N BACK VIEW) is written below the connector.

Pin	Signal	Wire Color
1	CONTROL_2	1.5 WHITE/BLUE
2	WIP_REL_C	1.5 WHITE/BLUE
3	W_WASH+	1.5 GREY/RED
4	W_WASH_REL_C	1.5 GREY/RED
5	HORN+	1.5 BROWN
6	HORN_REL_C	1.5 BROWN
7	WIP_SLOW	1.5 WHITE/BLUE
8	INPUT-	1.5 BLACK

2634810
-X.7b_#1



1	BILGE MID+	-S S11 :C	1.5 RED
2	BILGE MID_MAN	-S S11 :+	1.5 RED
3	BLG_MD_REL_C	-S S11 :NO	1.5 GREY
4	BILGE AFT+	-S S12 :C	1.5 RED
5	BILGE AFT_MAN	-S S12 :+	1.5 RED
6	BLG_AFT_REL_C	-S S12 :NO	1.5 GREY
7	W_WASH	-S S9 :+	1.5 GREY/RED
8	DIM_COM-	-S XG2a	1.5 BLUE

Pin	Function	Signal	Color
1	AUX 1+	-S S13 :C	1.5 GREY/BLACK
2	AUX 1_REL_C	-S S13 :NO	1.5 GREY/BLACK
3	AUX 2+	-S S14-1 :C	1.5 PURPLE/BLACK
4	AUX R C/BOW_TH	S14-1 :NO	1.5 PURPLE/BLACK
5	AUX 1	-S S13 :+	1.5 GREY/BLACK
6	AUX 2	-S S14-1 :+	1.5 PURPLE/BLACK
7	CONTROL 2	-S S15 :C	1.5 WHITE/BLUE
8	NAV_ON	-S S15 :+,-S S15 :NO	1.5 ORANGE

-X.7d_#1

1	ISM BOW TH C -S S14-2 :C	1.5 WHITE/BLACK
2	ISM B TH SW L+S S14-2 :+	1.5 WHITE

1 GREY -S S12 -

1 GREY -S S11 -

SW12-

SW11-

-D_D12 -D D12 -2

-D_D11 -D D11 -2

INPUT-

INPUT-

-A123

12743

Cover with shrinktube!

1.5 BLUE -X.7b .8 DIM_COM-

1 GREY -S S8 :- SW8- -D D8 -D D8 :2DIM_COM-

1 GREY -S S9 :- SW9- -D D9 -D D9 :2DIM_COM-

1 GREY -S S10 :- SW10- -D D10 -D D10 :2DIM_COM-

1.5 GREY -S XG2b DIM_COM-

100 mm

1.5 GREY

1 GREY

1.5 GREY

-S S13 -

SW13

-D D13 -D D13 :2DIM_COM-

-S XG2a

SW. PANEL NEG. STE

DIM_COM-

-S XG2c

DIM_COM-

SW. PANEL NEG. STE

1.5 GREY	-S XG2b	DIM COM-
1 GREY -S S14-1 :-	SW14-	☐ -D_D14 -D D14 :2DIM COM-
1 GREY -S S14-2 :-	SW14-	☐ -D_D15 -D D15 :2DIM COM-
1 GREY -S S15 :-	SW15-	☐ -D_D16 -D D16 :2DIM COM-

-S S14-2 #1

ISM BOW THRUSTER SW		
TE/BLACK	-X.7d :1	ISM_BOW_TH C
CK	-X.7a :8	INPUT-
TE	-X.7d :2	ISM_B_TH SW L+
Y	-D D15 :1	SW14-

15_#1  -S_S.15_
82-5151.2123
14077

-S_S15_#1



-S_S15_
82-5151.2123
14077



-S_S15_
36345
GREY CONNECTOR



(BACK VIEW)

NAVIGATION ON		CON
1.5 WHITE/BLUE	-X7c :7	N
1.5 ORANGE	-X7c :8	N
1.5 ORANGE	-X7c :8	N
1 GREY	-D D16 :1	

NAVIX
designed solutions

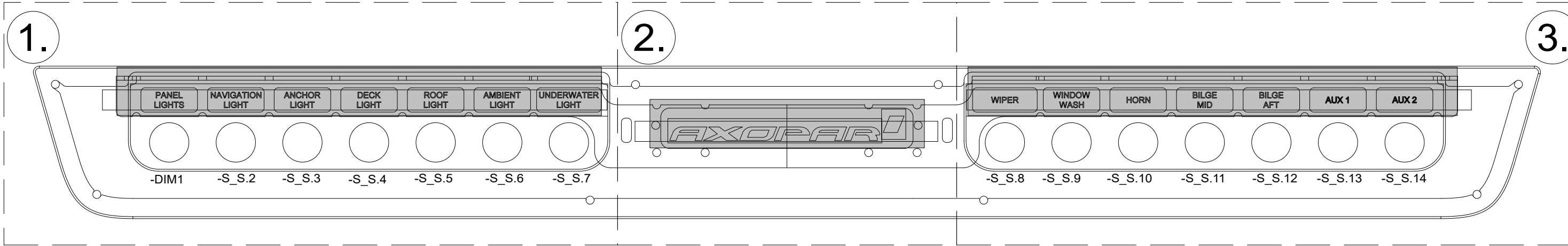
Boat model

Title

Loc

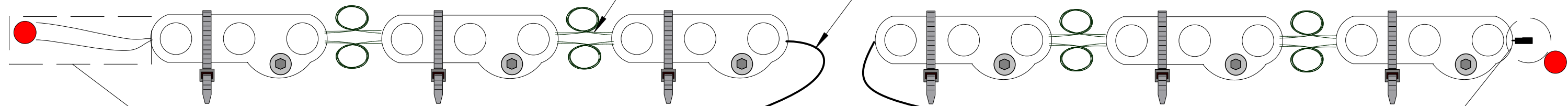
201/ 210
Sheet

SWITCH PANEL GENERAL LAYOUT / LED MODULE CUTTING & FINISHING



16704 - Led-module 3-pos. White - Nextec LM3X2853W 1369

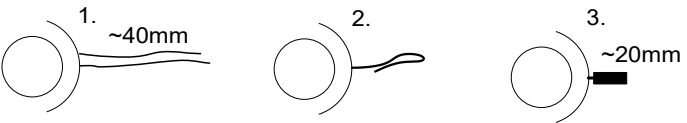
BUNDLE EXTRA WIRING BETWEEN MODULES TO THE LOOPS AND STRING WITH ZIP TIES



CUT LED MODULES INPUT SIDE OF THE WIRES APPROX. 60mm LENGTH (SHOULD BE ABOUT THE CENTER POS. BETWEEN 2 MODULES)

STRIP WIRE ENDS APPROX. 7mm AND CRIMP WIRES TO THE BUTT SPLICE CONNECTORS -A53.

- 1. CUT THE WIRES APPROX. 40mm. (JUST CUT, DO NOT STRIP!)
- 2. BEND THE WIRES TO THE SHAPE OF "U".
- 3. ADD APPROX. 20mm OF HEAT SHRINK TUBE "17418" OVER THE BENDED WIRES.



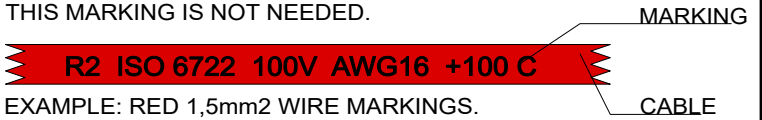
ATTACH ALL LED MODULES TO THE BRACKET 36371 WITH M3X12 BH HEX BOLT A4, NUT M3 AND 2-SIDED TAPE. ADD CABLE TIE. SEE ALSO EXP. VIEW

TURN THE ENDS OF CABLE TIES TOWARDS TO THE PANEL!

NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS SHOWN IN EXAMPLE BELOW.

EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.

EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

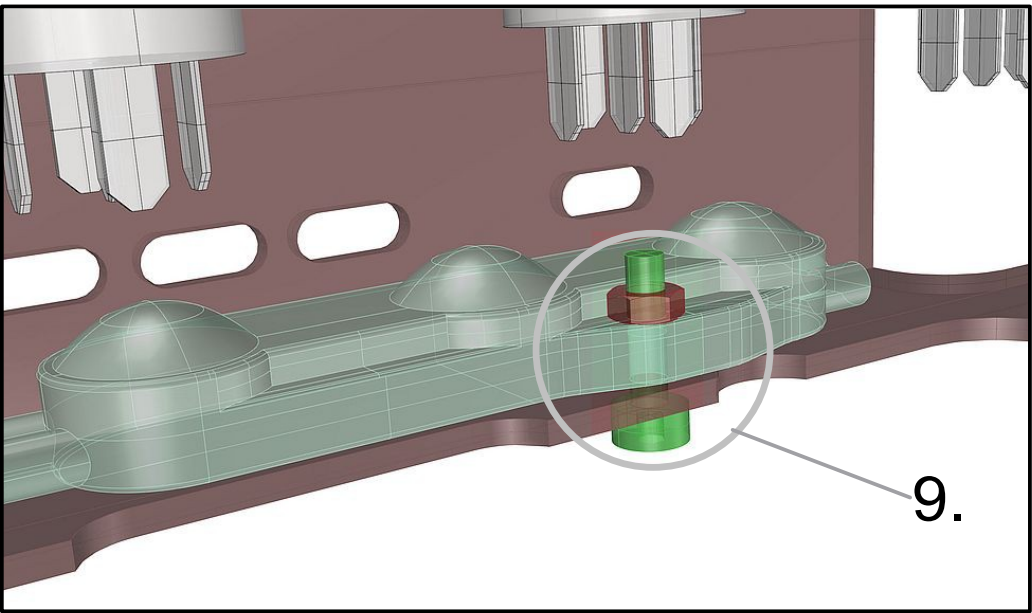
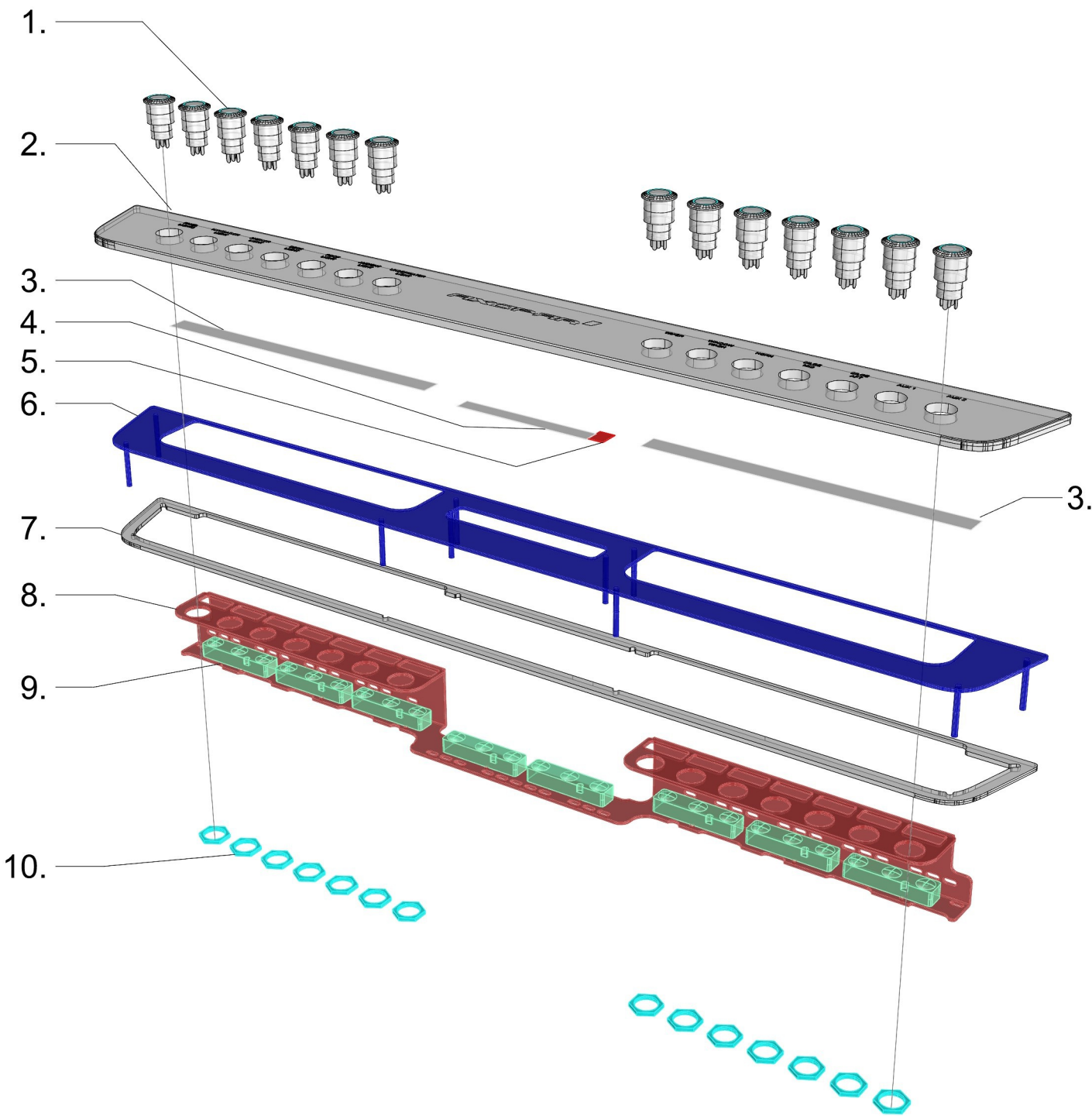


HOW TO BUNDLE EXTRA WIRING BETWEEN MODULES TO THE LOOPS AND STRING WITH ZIP TIES



2.4.2024	PF	G1:2005054; New product	Date	2.4.2024	Axopar		SEE EXP VIEW	41161		
			Drawing by	TuM	Boat		Sub-product code	Product code	Project ID	
			Sheet rev.	1	37 MY25		SWITCH PANEL LIGHT		HL	202 / 210
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title	Loc	Sheet	

41161_AXOPAR_37_MY25_SWITCH_PANEL_LIGHT_PACK



41161_AXOPAR_37_MY25_SWITCH_PANEL_LIGHT_PACK

- 1. 14PCS HALO SWITCH (AS IN DIAGRAM)
- 2. 1PCS 29767_AXOPAR_37_MY20_ACRYL_SWITCH_PANEL_(WOC)_V4
- 3. 2PCS 29771_AXOPAR_37_MY20_SWITCH_PANEL_TEXT_STICKER_V1
(PLACE BEHIND THE TEXT AREA IN 29767)
- 4. 1PC 23722_AXOPAR_28_SWITCH_PANEL_LOGO_WHITE_STICKER_V1
(PLACE BEHIND THE TEXT AREA IN 29767)
- 5. 1PC 23723_AXOPAR_28_SWITCH_PANEL_LOGO_RED_STICKER_V1
(PLACE BEHIND THE TEXT AREA IN 29767)
- 6. 1PC 29768_AXOPAR_37_MY20_SWITCH_PANEL_METAL_BACK_FRAME_V2
ATTACH TO 29767 WITH BLACK MS-POLYMER GLUE
- 7. 1PC 29769_AXOPAR_37_MY20_SWITCH_PANEL_GASKET_(WOC)_V1
GLUE WITH 2-SIDED TAPE TO THE BACKSIDE OF 29768
- 8. 1PC 36371_AXOPAR_SWITCH_PANEL_LED_MODULE_BRACKET_(WOC)_V2
- 9. 8PCS 16704 LED MODULE WHITE ATTATCH TO 36371 WITH M3X12 BH HEX BOLT A4 AND NUT
ATTACH TO BRACKET WITH CABLE TIES AND 2-SIDED TAPE
- 10. 14PCS HALO SWITCH NUT

TS 10.4.2024

EXP VIEW

2.4.2024	PF	G1:2005054; New product	Date 2.4.2024	NAVIX designed solutions	Axopar	SEE EXP VIEW	41161	Project ID
			Drawing by TuM		Boat	Sub-product code	Product code	
			Sheet rev. 1		37 MY25	SWITCH PANEL LIGHT	HL	
Date of modification	Modified by	Description	Project rev. G		Boat model	PACK	Loc	203 / 210 Sheet

Axopar 37 MY20 SWITCH PANEL 41161 INSPECTION SHEET

PRUDUCT LABEL

TEST

- 1) S2, S3, S4 should be pressed. No other buttons may be pressed during entire test. Power source off.
- 2) Connect -X.6b/9 and -X.7b/8 with a wire.
- 3) Connect positive (+12V) to connectors listed below
- 4) Connect negative (-) to -X.6b/10 and -X.7a/8. Turn power on.
- 5) Observe, change brightness and turn on/off by pressing DIM1. Panel lights and switch halos must illuminate. S11 and S12 should illuminate constantly with full brightness, S5 and S6 should not illuminate at all. All other lights should turn on/off/dim from DIM1.

Connect positive (+)
X.6a_/1
X.6a_/4
X.6a_/7
X.6b_/8
X.7a_/7
X.7b_/7
X.7a_/5
X.7b_/2
X.7b_/5
X.7c_/5
X.7c_/6
X.7d_/2

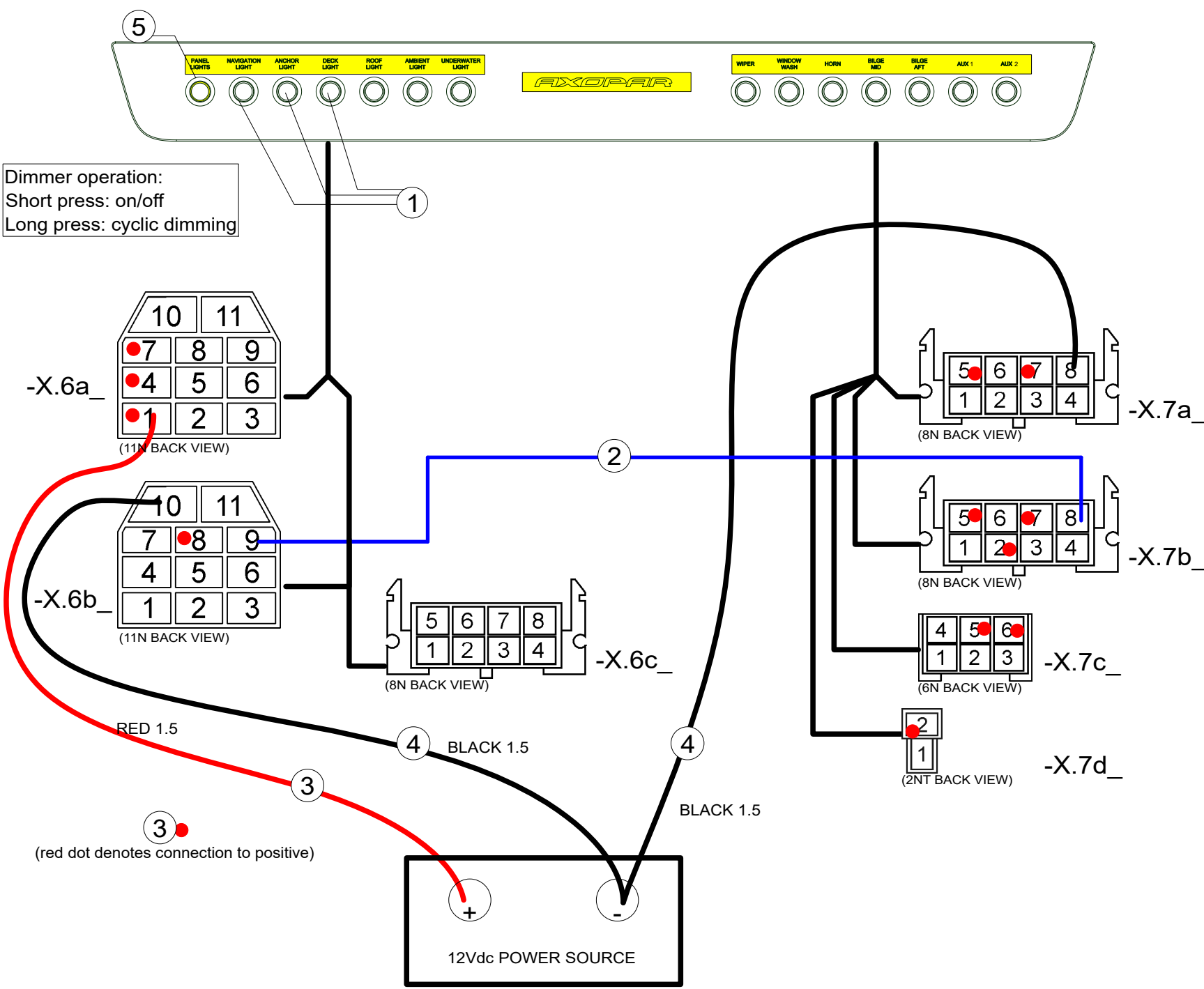
Connect negative (-)
X.6b_/10
X.7a_/8

PASS / FAIL

DATE

TESTED BY

TEST INSTRUCTIONS



2.4.2024	PF	G1:2005054; New product	Date	2.4.2024	Axopar	SEE EXP VIEW	41161	Project ID	
			Drawing by	TuM	Boat	Sub-product code	Product code		
			Sheet rev.	1	37 MY25	SWITCH PANEL LIGHT	HL		205 / 210
Date of modification	Modified by	Description	Project rev.	G	Boat model	PACK	Loc		Sheet
1		2	3	4	5	6	7	8	

NOTICE!
BATTERY CABLES NEED TO ADD MARKINGS
SHOWN IN EXAMPLE BELOW.
EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.

BT-SK 750V AWG2 +100 C

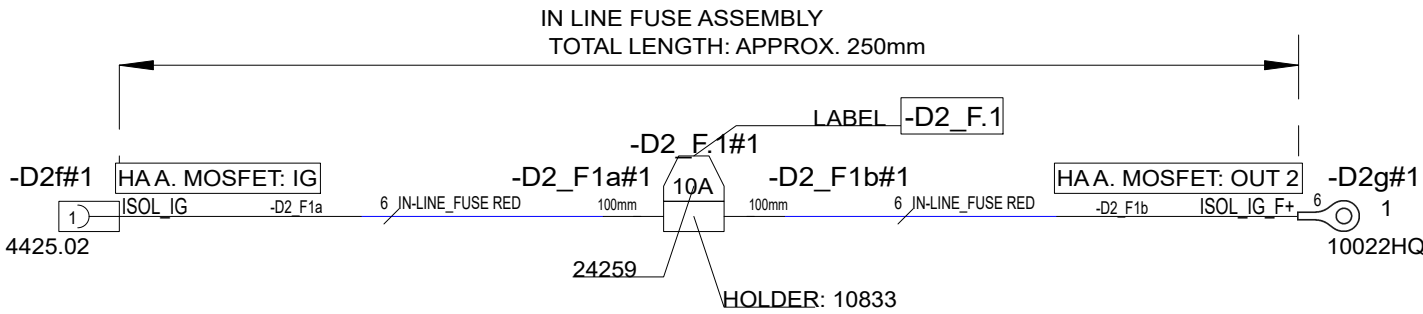
EXAMPLE: RED 50mm2 WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

EQUIVALENCY:	
mm2	AWG
25 mm2	= AWG3
35 mm2	= AWG2
50 mm2	= AWG0
70 mm2	= AWG2/0
95 mm2	= AWG3/0
120 mm2	= 250 kcmil

LOOK FOR EQUIVALENT AWG SIZE FOR mm2
AND ADD THIS TO CABLE MARKINGS.

FOR EXAMPLE:
CABLE SIZE IS 70mm2 --> MARKING AWG2/0.



NOTICE! CABLES WITH STICKER

FOR EXAMPLE

HEAVY AMP: POWER+

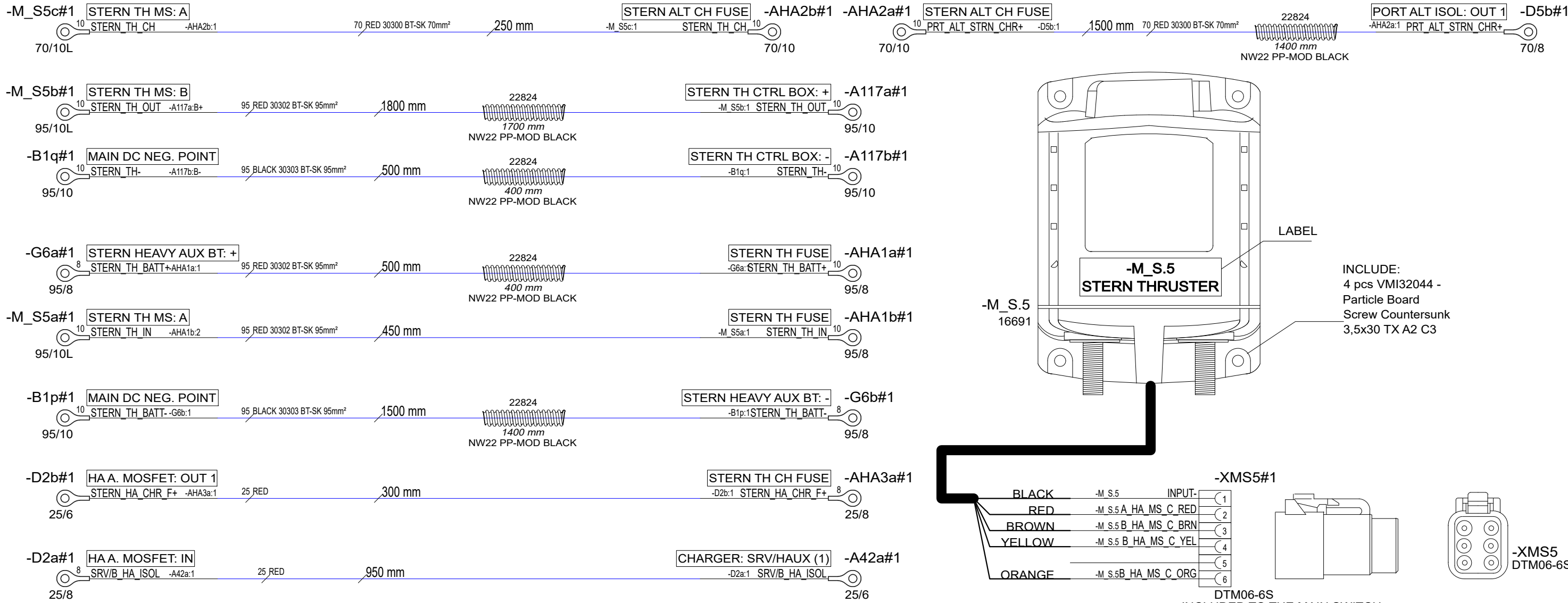
LABEL

-M_S5d#1
3314.02

-MS5_CF1#1 1
HOLDERS: 31516 Waterproof ATO/ATC

-MS5_CF.1#1
10A
24259

(Customer: connect to battery box harness)



-M_S.5
16691

-M_S.5
STERN THRUSTER

INCLUDE:
4 pcs VMI32044 -
Particle Board
Screw Countersunk
3,5x30 TX A2 C3

BLACK -M_S.5 INPUT-
RED -M_S.5A_HA_MS_C_RED
BROWN -M_S.5B_HA_MS_C_BRN
YELLOW -M_S.5B_HA_MS_C_YEL
ORANGE -M_S.5B_HA_MS_C_ORG

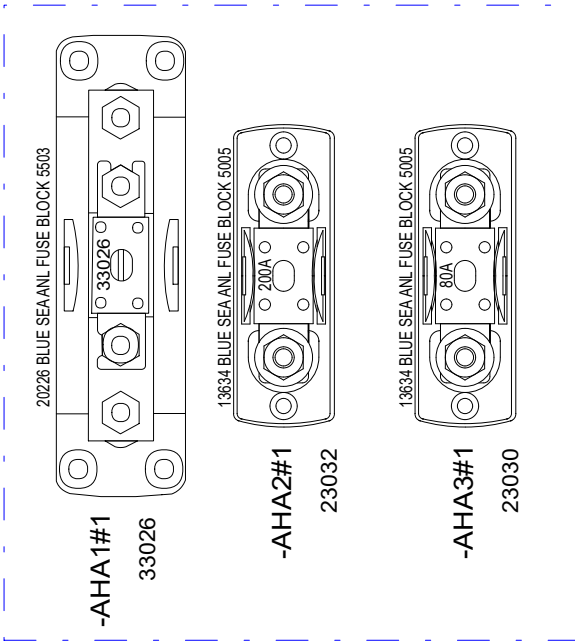
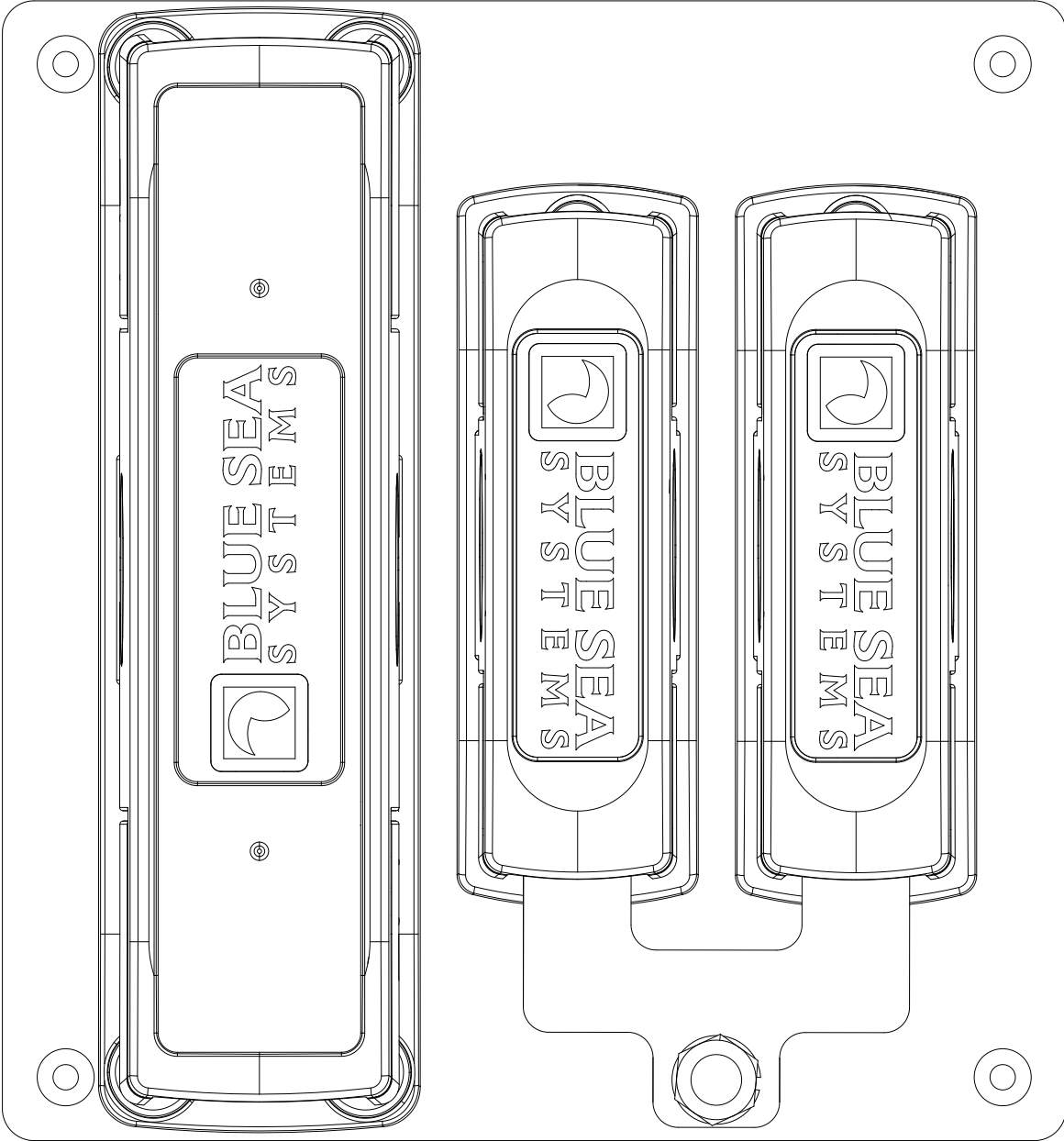
-XMS5#1

1
2
3
4
5
6

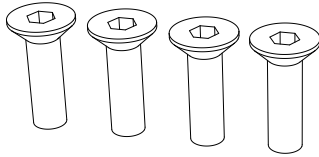
DTM06-6S
INCLUDED TO THE MAIN SWITCH

-XMS5
DTM06-6S

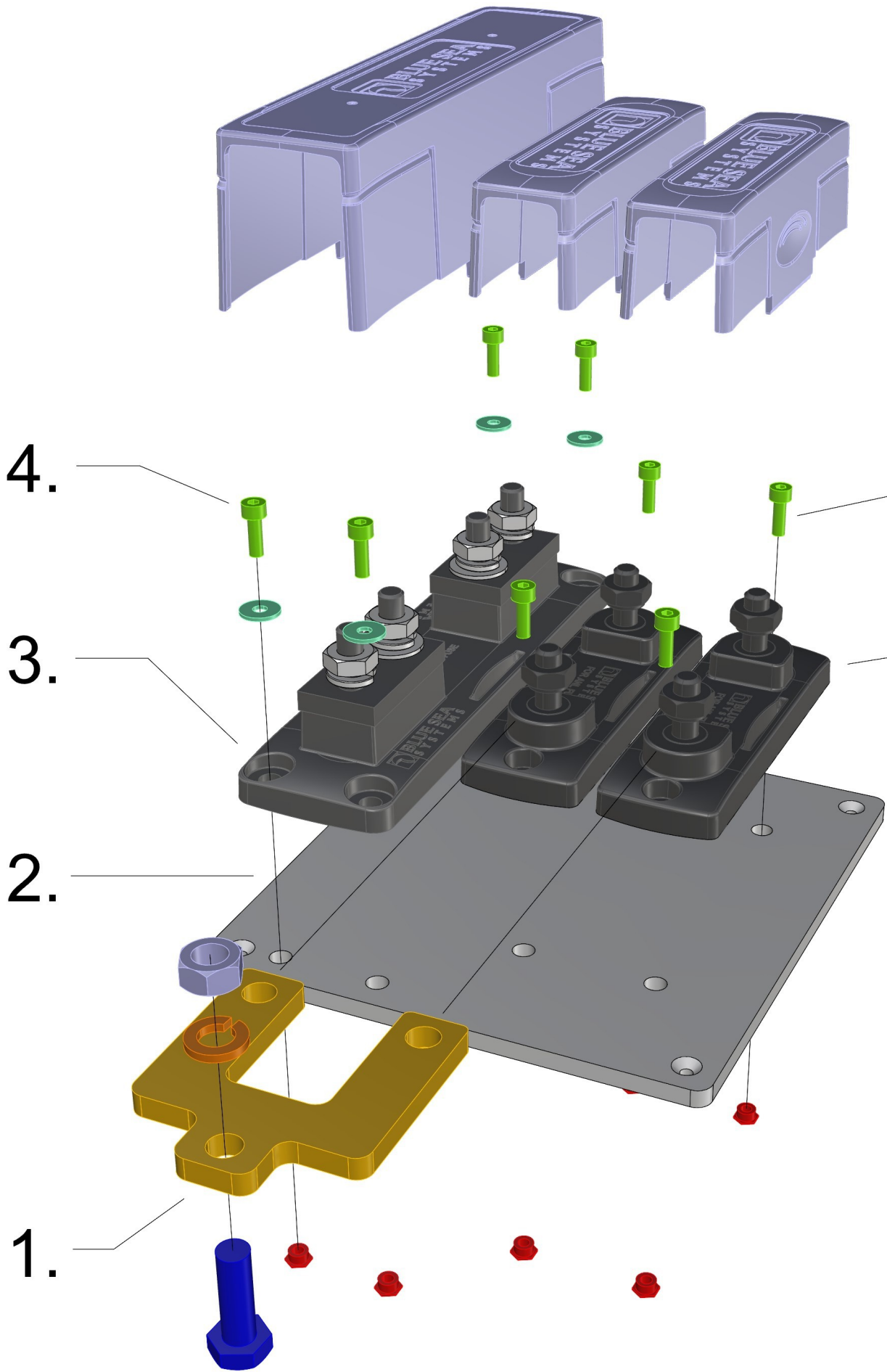
19.4.2024	PF	G1: 2005054; New product	Date	20.2.2024	NAVIX designed solutions Copyright by	Axopar	See exp. view	41197	Project ID	
30.7.2024	PF	G2: 2005139; Cable lug changes	Drawing by	PF		Boat	Sub-product code	Product code		
			Sheet rev.	2		37 MY25	STERN THRUSTER CABLES	HL	207 / 210	
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc		



PACK WITH PRODUCT:
4PCS
VMI30916 - Countersunk head Screw HEX socket M4X14 DIN7991 C4



19.4.2024	PF	G1: 2005054; New product	Date	19.4.2024	Axopar		See exp. view		41197			
30.7.2024	PF	G2: 2005139; Cable lug changes	Drawing by	PF	Boat		Sub-product code		Product code		Project ID	
			Sheet rev.	2	37 MY25		STERN THRUSTER		HL		208 / 210	
Date of modification	Modified by	Description	Project rev.	G	Boat model		CABLES		Loc		Sheet	



41258_AXOPAR_37_MY25_BATTERY_BOX_STERN_THRUSTER_MODULE

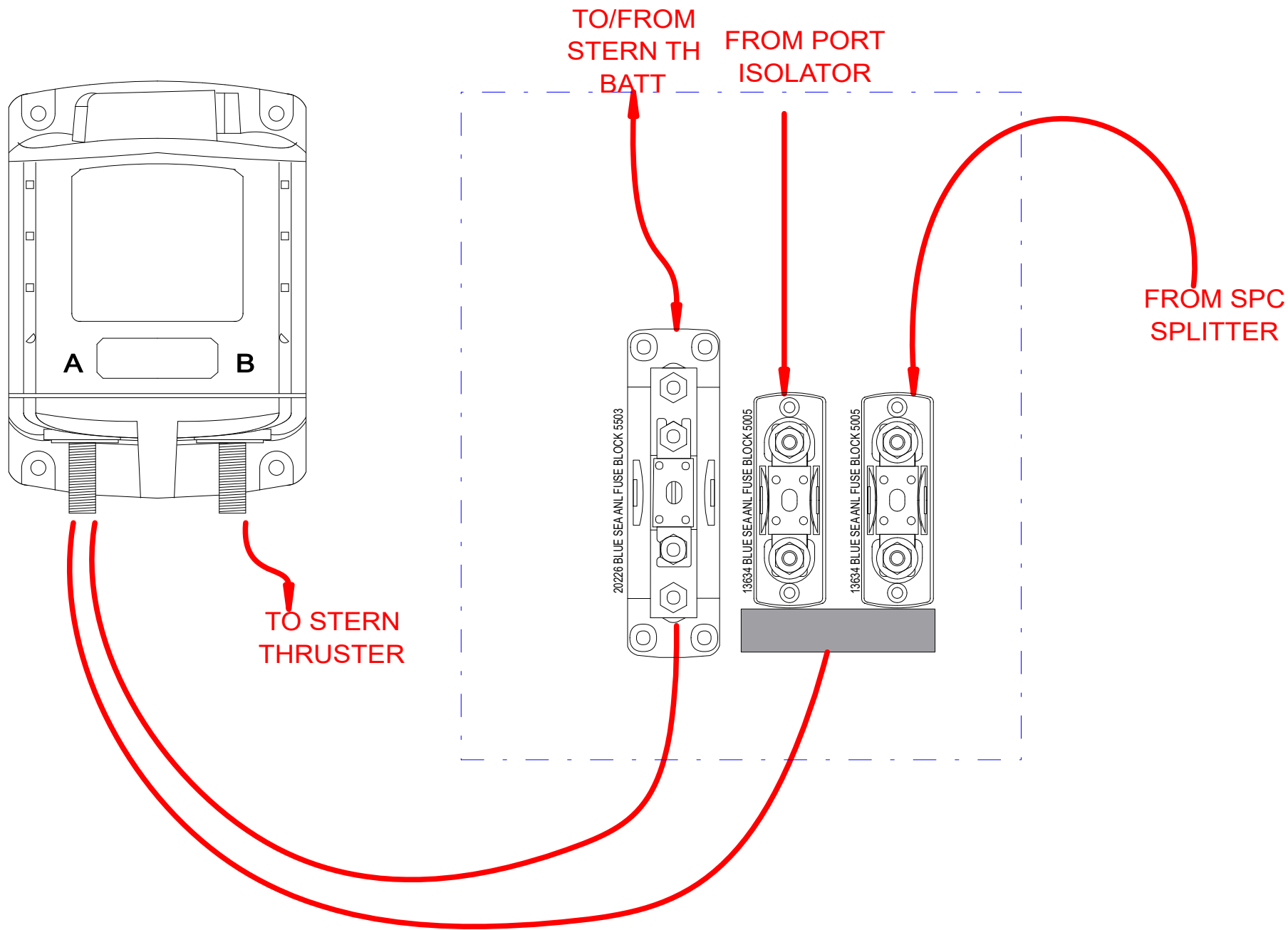
1. 1PC VMI32018 - HEX Bolt Full thread M8X25 DIN933 C4
1PC 30142_ANL_CONNECTION_BAR_DOUBLE_V1
1PC VMI32011 - Spring Lock washer M8 DIN127 C4
1PC VMI32012 - HEX Nut M8 DIN934 C4
2. 1PC 41259_AXOPAR_37_MY25_B_BOX_STM_PLATE_V1
3. 1PC 20226 FUSE BLOCK ANL 35 750A Blue Sea 5503B BSS (AS IN DIAGRAM)
4. 4PCS VMI30944 - HEX socket Head Cap Screw M4X12 DIN912 C4
4PCS VMI30907 - M4 Washer,large outside diameter 12mm DIN9021 C4
4PCS 9872 - PURISTEVÄLIHOLKKI ETSOS-M4x4
5. 4PCS VMI30944 - HEX socket Head Cap Screw M4X12 DIN912 C4
4PCS 9872 - PURISTEVÄLIHOLKKI ETSOS-M4x4
6. 2PCS 13634 - FUSE HOLDER ANL 35-300A w/cover - Blue Sea 5005B-BSS (AS IN DIAGRAM)

18.4.2024 / TS (2005054)

19.4.2024	PF	G1: 2005054; New product	Date	19.4.2024	NAVIX designed solutions	Axopar	See exp. view	41197	STERN THRUSTER CABLES	HL	209 / 210
30.7.2024	PF	G2: 2005139; Cable lug changes	Drawing by	PF		Boat	Sub-product code	Product code			
			Sheet rev.	2		37 MY25					
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title		Loc		Sheet
1		2		4	5	6	7				8

CUSTOMER INSTALLATION INSTRUCTION

NAVIX installs holders, fuses and copper bar onto module 41258
CUSTOMER installs main switch and module 41258 to 29617 BATTERY BOX FWD WALL PANEL



19.4.2024	PF	G1: 2005054; New product	Date	17.4.2024	Axopar		See exp. view	41197	Project ID	
30.7.2024	PF	G2: 2005139; Cable lug changes	Drawing by	PF	Boat		Sub-product code	Product code		
			Sheet rev.	2	37 MY25		STERN THRUSTER CABLES		HL	210 / 210
Date of modification	Modified by	Description	Project rev.	G	Boat model		Title	Loc	Sheet	

3 Appendix III: AIS Decontamination – North America

Appendix III: AIS Decontamination – North America

According to

ABYC T-32 Design and Construction in Consideration of Aquatic Invasive Species 7/21

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1 Decontamination criteria based on UMPS III, Table 3.....	3
2 Example of AIS Owner's Manual Information.....	4
3 Additional boat-specific recommendations.....	6

1 Decontamination criteria based on UMPS III, Table 3

The table is a summary of scientific research indicating the lethal water temperature at point of contact and duration for decontamination. Information is grouped by the location of the boat that is targeted and the life form of Dreissenid mussel targeted (e.g., adult mussel or veliger). Please refer to the *Student Training Curriculum for Watercraft Inspectors and Decontaminators to Prevent and Contain the Spread of Aquatic Invasive Species in the USA* for complete step by step procedures.

	Boat part/ location	Water temperature	Duration ¹⁾ (sec)	Type of application	Target life stage
Exterior	Hull	140°F	10	High pressure spray ²⁾	Adult
	Trailer	140°F	70	Low pressure spray ³⁾	Adult
	PFDs, anchor, paddle	140°F	10	Low pressure spray	Adult or Veliger
Propulsion system	Gimbal	140°F	132	Low pressure spray	Adult
	Engine	140°F ^{5), 6)}	See note ⁷⁾ .	Flush ⁶⁾	Veliger
Interior	Ballast tanks	120°F	130	Low risk – Flush ⁴⁾	Veliger
				High risk – Fill and flush	
	Live well/bait well	120°F	130	Low pressure spray or flush	Veliger
	Bilge	120°F	130	Flush or low pressure spray	Veliger

1) The times listed are the minimum times necessary to achieve mortality.

2) High pressure = 3000 psi.

3) Low pressure = using the pressure from the decontamination unit with no nozzle, not to exceed 60 psi (essentially a garden hose flow).

4) Flush = adding water to a compartment of a boat to treat or force the water out.

5) These temperatures denote the exit temperature (i.e., temperature of water exiting the boat not exiting the wand or flush attachment).

6) When flushing engines with a dedicated connection (not muffs), the pressure should be limited to less than 60 psi to prevent internal engine damage. The maximum input temperature during flushing should not exceed 140°F.

7) NOTE: Engine flushing relies on the exit temperature as a guideline for decontamination duration.

2 Example of AIS Owner's Manual Information

Aquatic invasive species

Aquatic invasive species (AIS) are plants and animals that occur in waters in which they are not native and whose introduction causes or is likely to cause economic or environmental damage or harm to human health. AIS have a negative impact on the waterway, its native species, and recreational and commercial uses of the waterway.

As responsible boaters and citizens, each boat owner should do their part to prevent the spread of these aquatic hitchhikers. In many cases, it is also required by law. Check local regulations for any waterway where you will boat.

After each boating trip, follow these three simple steps before you leave the water access to stop the spread of AIS: Clean, Drain, and Dry. This is the boater's way to help protect the environment from the damage that AIS can cause.



Clean

Inspect and remove all aquatic plants, animals, mud, and debris from the boat, engine, trailer, anchor, and any watersports equipment.

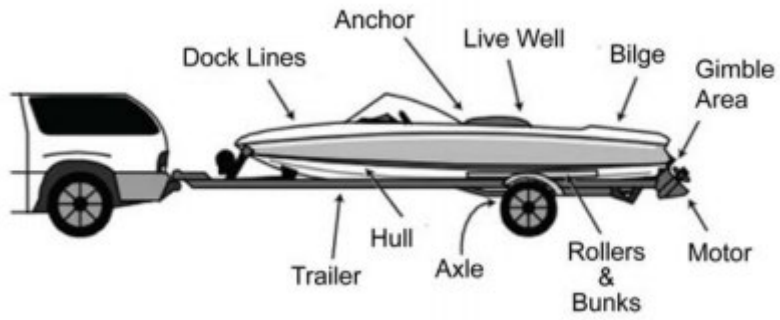
- Rinse, scrub or wash, as appropriate, away from storm drains, ditches, or waterways.
- Rinse watercraft, trailer, and equipment with hot water, when possible.
- Flush motor according to owner's manual.

Drain

Completely drain all water from the boat and its compartments, including but not limited to the bilge, wells, lockers, ballast tanks or bags, bait containers, engines, and outdrives.

Dry

Allow the boat to completely dry before visiting any other bodies of water.



NOTE: Some localities may require inspection or decontamination before and/or after launching. Check state and local laws and regulations for requirements prior to traveling to go boating.

3 Additional boat-specific recommendations

Nonmotorized watercraft

Canoes, rafts, kayaks, rowboats, paddleboats, inflatables, sculls, and other nonmotorized recreational watercraft also require proper treatment.

- **Clean** straps, gear, paddles, floats, ropes, anchors, dip nets, and trailer before leaving the water body.
- **Dry** everything completely between each use and before storing.
- **Wear** quick-dry footwear or bring a second pair of footwear with you when portaging between waterbodies.

Sailboats

- **Clean** centerboard, bilge board, wells, rudderpost, trailer, and other equipment before leaving the water body.
- **Drain** water from boat, motor, bilge, ballast, wells, and portable bait containers before leaving the water body.

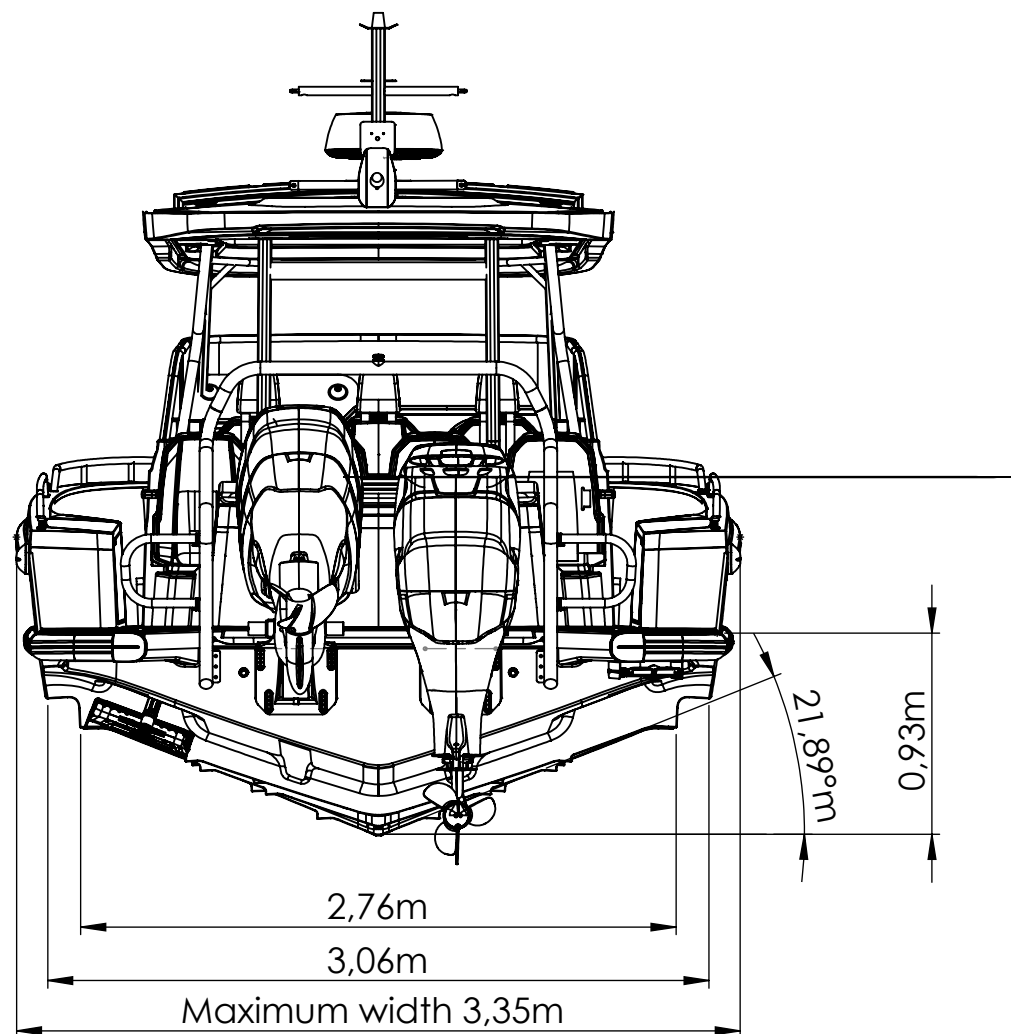
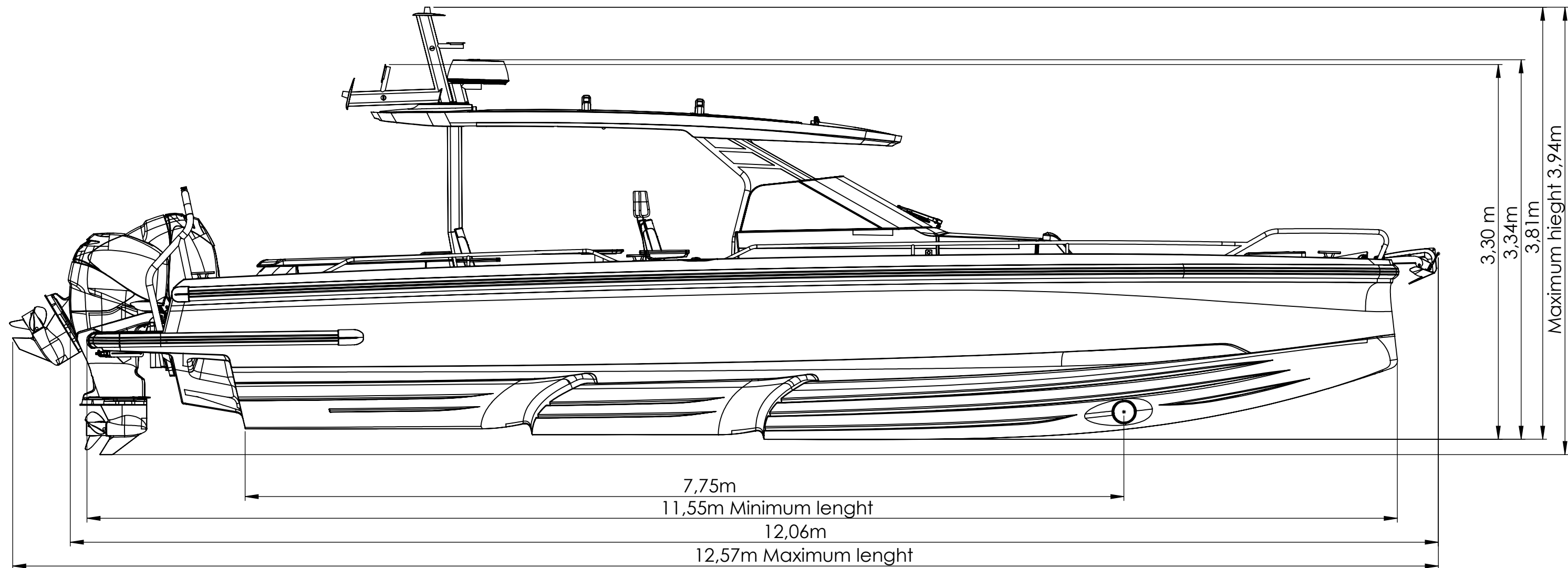
Motorized watercraft

- **Inspect** and **clean** motor or engine, including the gimbal area; trailer, including axles, bunkers, and rollers; anchors; dock lines; and equipment before leaving the water body.
- **Drain** live wells, bait containers, ballast and bilge tanks, and engine cooling systems.

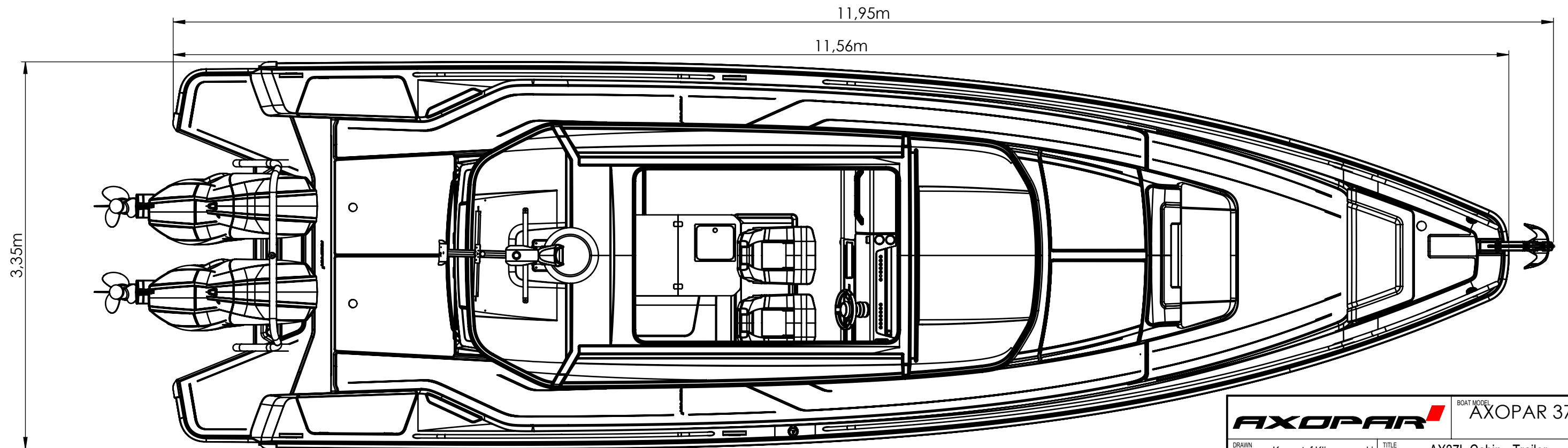
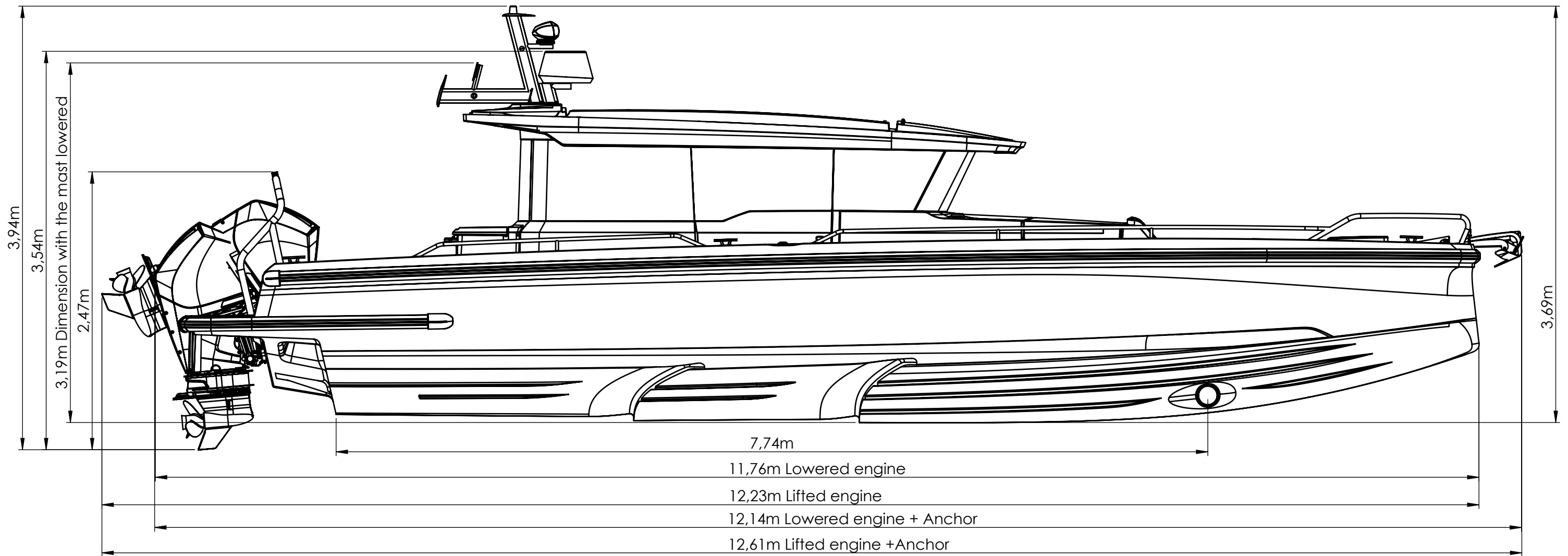
Jet boats and personal watercraft (PWCs)

- **Inspect** and **clean** hull, trailer, intake grate, and steering nozzle, etc.
- **Clean** hull, trailer, intake grate, and steering nozzle, etc before leaving the water access.
- **Run** engine 5-10 sec to blow out excess water and vegetation from internal drive before leaving the waterbody.

4 Appendix IV: Transport dimensions



AXOPAR		BOAT MODEL			
DRAWN	Tadeusz Klisz	TITLE			
MODEL ASSEMBLY	Tadeusz Klisz	AX37L ST-Trailer dimention			
APPROVED	Petri Ääri	DATE	DWG NO.	Rev.	SHEET
				D	1 of 1



AXOPAR		BOAT MODEL AXOPAR 37L	
DRAWN	Krzysztof Klimaszewski	TITLE AX37L Cabin - Trailer dimentions	
MODEL ASSEMBLY	Krzysztof Klimaszewski	DATE	DWG NO.
APPROVED	Petri Aari	16.12.2019	Rev. B SHEET 1 of 1

5 Appendix V: Warranty terms

Appendix V: Warranty Terms - US

Warranty Terms for boats built before 1st of June 2026

Limited Warranty for Axopar Boats**US version 1.0**

IMPORTANT NOTICE: THIS LIMITED WARRANTY IS SUBJECT TO BINDING ARBITRATION AND A WAIVER OF CLASS ACTIONS, AS DESCRIBED IN SECTION 7. Please also read the limitations and disclaimers in Sections 3(D), 3(E) and 6 regarding Boats.

Limited Warranty

Axopar Boats Ltd (“Axopar”) warrants to the original retail purchaser (“Purchaser”) of an Axopar boat manufactured and equipped with a hull identification number by Axopar (“Boat”) and sold at retail by an authorized dealer (“Dealer”) that Axopar will repair or replace defective materials and workmanship found during the applicable warranty period, subject to the limitations, exclusions and other conditions provided below. The decision to repair or replace will be made by Axopar in its sole discretion, and all repairs must occur at the location specified by Axopar (the “Service Location”). This Limited Warranty gives the Purchaser specific legal rights and Purchaser may have other legal rights, which vary from state to state.

1. Applicability

This Limited Warranty is valid worldwide during the applicable warranty period and applies only to Boats purchased by consumers and operated under normal, non-commercial use in compliance with the relevant owner’s manual. Any warranty for Boats intended for commercial use must be separately agreed upon in writing between Axopar and the Purchaser.

The Limited Warranty also covers any equipment installed in the Boat by Axopar as an integral part of the delivery but excludes (i) equipment covered by a separate warranty, as further specified below in Sections 2 (Warranty Provider) and 3 (Warranty Period and Limitations) and (ii) any items installed by the Dealer in the Boat or included by the Dealer with the Boat. Equipment acquired by the Purchaser from third parties and which are not included in the original delivery are not covered under this Limited Warranty.

The hull identification number of the Boat and other particulars relevant to this Limited Warranty are recorded in the applicable sales contract and/or in the Boat’s warranty certificate.

2. Warranty Provider

This Limited Warranty is provided solely by Axopar. Contact details are shown in the warranty certificate provided to the Purchaser upon delivery of the Boat. All warranties provided by the manufacturers and distributors of components, equipment and parts of the Boat are hereby assigned to the Purchaser to the extent permitted by the applicable manufacturers and distributors, as Purchaser’s sole and exclusive remedy with respect to those items.

3. Warranty Period and Limitations

The Limited Warranty is valid from the delivery date of the Boat to the Purchaser, as reflected in the Boat’s warranty certificate (the “Delivery Date”), for the time periods identified below.

(A) *Five-Year Limited Warranty on Structural Hull:*

Axopar will repair or replace any substantial defect in material or workmanship in the Boat’s structural hull that is reported within five years from the Delivery Date. The structural hull means the fiberglass molded shell and all its integral structural components.

A defect is substantial if it causes the Boat to be unfit or unsafe for general use as a pleasure craft under normal operating conditions.

(B) *Two-Year Limited Warranty on Components Manufactured or Installed by Axopar:*

Axopar will repair or replace any components manufactured or installed by Axopar that are defective in factory materials or workmanship and are reported within two years from the Delivery Date (and are not already addressed in the specific warranties provided in paragraphs (A) and (C)).

(C) *One-Year Limited Warranty on Upholstered Items, Canvas, Floor Materials, Other Coating and Painted Parts:*

Axopar will repair or replace any upholstered items, canvas, floor materials, other coating, and painted parts manufactured or installed by Axopar that are defective in factory materials or workmanship and are reported within one year from the Delivery Date.

(D) *Exclusions*

The Limited Warranty does not apply to or cover the following items: (1) any costs incurred from hauling or transporting the Boat to and from the Service Location; (2) any equipment, parts or accessories not installed by Axopar or that carry their own individual warranties provided by third parties, including but not limited to engines, propellers, pre-rigging equipment, batteries, generators, A/C units, steering mechanisms and other electronic equipment; (3) minor changes to the Boat’s external surfaces that have no influence on the strength or serviceability of the Boat, including but not limited to any damage, deterioration, fading or discoloration or mold of cushions, cracking, fading or oxidation of gel coat, stress lines, anti-fouling bottom paint or other slight irregularities in paint work, lacquer work, woodwork or chrome finish or other minor surface blemishes; (4) windshield damage or leakage; (5) any damage resulting from Purchaser’s or a third party’s negligence, willful misconduct, improper use of the Boat, overloading, powering in excess of the recommended maximum horsepower, improper rigging, misuse or alterations or repairs or attempted repairs on the Boat not authorized by Axopar, including use of an improper trailer, Boat lift or sling; (6) failure of the Purchaser or any third party to use, maintain or store the Boat as specified in the owner’s manual, or any other failure to provide reasonable care and maintenance; (7) normal wear and tear items, including but not limited to ropes, filters, bulbs and batteries; (8) any representation or implication of the Boat’s properties or characteristics, such as speed, weight, range, performance or fuel consumption; (9) any failure or defect not reported to Axopar or Dealer in accordance with Section 4 (Warranty Procedures) of this Limited Warranty; (10) any failure or defect arising from repairs made by unauthorized service providers; (11) any failure or defect arising from acts of nature; and (12) any Boat that was previously salvaged or declared a total loss or constructive loss for any reason.

(E) Voiding the Limited Warranty

This warranty becomes void if: (1) Purchaser sells or otherwise conveys the Boat to a third party during the warranty period and Axopar is not provided with the bill of sale of the Boat and/or the contact information of the new owner; (2) Purchaser uses the Boat in other than non-commercial activities; (3) the Boat is used in a competitive event; (4) any unauthorized modifications or changes are made to the Boat (e.g. structural modification or modifications to electrical systems on board or the programming of its engine or other systems); or (5) the Boat is salvaged or declared a total loss or constructive loss for any reason.

4. Warranty Procedures

To obtain warranty service, Purchaser must notify the Dealer about the failure or defect within a reasonable time after becoming aware of it or after Purchaser should have become aware of it. Upon detecting a defect, the Purchaser is required to take all reasonable steps necessary to prevent the defect from deteriorating further. When reporting any defect, the Purchaser must provide the Boat's hull identification number, a copy of the warranty certificate, a reasonable number of clear and detailed photos of the defect, and a supported or documented explanation regarding when the Boat was purchased and the Dealer from which it was purchased.

After providing notice of the defect to the Dealer, the Dealer will notify Purchaser of the procedures to follow regarding this Limited Warranty. Dealer will then notify Axopar, and upon being notified of the warranty claim by Dealer, Axopar is solely responsible for determining and authorizing in writing the remedial action to be performed.

5. Axopar's Warranty Responsibilities

Axopar has always the right to repair a defect covered by this Limited Warranty if, in view of the nature and extent of the defect, it can be done within a reasonable time and in such a way that it does not result in repair costs or material detriment to the Purchaser. All repairs shall be carried out in a way and at the Service Location designated by Axopar.

If Axopar determines that repair is not possible, Purchaser has the right to a discount proportionate to the defect. Alternatively, Axopar may, in its sole discretion, offer to Purchaser a replacement Boat with a market value equal to the replaced Boat's market value (considering the Boat's age and condition) if it did not have that specific unrepairable defect.

If Axopar reasonably determines that the Boat defect is not covered by the Limited Warranty, Axopar has the right to charge the Purchaser for any costs that arise from inspecting and determining the defect and its cause. Any repair costs and expenses are subject mutual agreement by Axopar and the Purchaser.

6. Sole Remedy and Other Limitations

The repair, discount and replacement obligations specified in Section 5 (Axopar's Warranty Responsibilities) for parts or materials covered by this Limited Warranty are Purchaser's sole and exclusive remedy, and Axopar's sole obligations, for any claims whatsoever or any losses resulting from product failure.

This Limited Warranty the final, complete and exclusive warranty offered by Axopar regarding the Boat, and no other person or entity (including the Dealer or their respective sales agents or employees) is authorized to make any other warranties or representations on behalf of Axopar. **EXCEPT FOR THE**

EXPRESS LIMITED WARRANTIES PROVIDED IN THIS LIMITED WARRANTY, AXOPAR DISCLAIMS ALL OTHER EXPRESS AND IMPLIED WARRANTIES AND REPRESENTATIONS OF ANY KIND, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE. EXCEPT AS OTHERWISE PROVIDED IN THIS LIMITED WARRANTY, ALL BOATS ARE PROVIDED "AS IS" AND "WITH ALL FAULTS". If and to the extent that an implied warranty cannot be disclaimed, that warranty is limited to duration of the respective express Limited Warranty provided herein. Some states do not allow the exclusion of implied warranties or do not allow limitations on the amount of time an implied warranty lasts, so the above limitations may not apply to some Purchasers.

To the extent permitted by applicable law, Axopar disclaims all liability to Purchaser and third parties for any economic loss arising from claims of product failure, negligence, defective design, lack of seaworthiness, manufacturing defect and any other liability not expressly covered in this Limited Warranty. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER AXOPAR NOR DEALER SHALL UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL, ENHANCED, OR PUNITIVE DAMAGES, INCLUDING LOSS OF THE BOAT, PROFIT, PRODUCTIVITY, BUSINESS, CONTRACTS, REVENUES OR ANTICIPATED SAVINGS, OR INCREASED COSTS OR EXPENSES, AND IN NO EVENT SHALL AXOPAR'S LIABILITY EXCEED THE ACTUAL AMOUNT PAID BY PURCHASER FOR THE BOAT.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to every Purchaser.

If, at any time, any provision of this Limited Warranty is or becomes illegal, invalid or unenforceable in any respect under the laws of any jurisdiction, the legality, validity or enforceability of the remaining provisions will remain unaffected.

7. Arbitration and Limitation on Actions

PLEASE READ THIS SECTION CAREFULLY. WE WANT YOU TO KNOW HOW IT AFFECTS YOUR RIGHTS.

(A) Customer Service and FAQs

In the unlikely event that an issue, concern or claim (including legal claims) remains unresolved after the procedure specified in Section 4 (Warranty Procedures) and the issue has been escalated to Axopar, Purchaser and Axopar each agree to discuss any issue informally for at least 30 days. Purchaser can do this by sending your full name and contact information, your concern and your requested solution to Axopar at warranty@axopar.fi, Attn: Legal Department. If Axopar would like to discuss an issue with Purchaser, Axopar will contact you at the address provided to the Dealer.

(B) Agreement to Arbitrate

If an agreed solution is not reached at the end of the 30-day discussion period, Purchaser and Axopar each agree that any issue, concern or claim (including legal claims) that either may have arising out of or relating to this Limited Warranty must be resolved through final binding arbitration before the American Arbitration Association using its Consumer Arbitration Rules, available at <https://www.adr.org/sites/default/files/Consumer%20Rules.pdf> (the "AAA Rules") or available by calling the American Arbitration

AXOPAR

Association at 1-800-778-7879. As an exception to this agreement to arbitrate, Axopar gives you the right to pursue in small claims court any claim that is within that court's jurisdiction, so long as you proceed solely on an individual basis. A party who intends to seek arbitration must first send to the other party, by certified or registered mail, a written notice of dispute. Purchaser may download or copy a form notice of dispute and a form to initiate arbitration from www.adr.org. Unless Purchaser and Axopar agree otherwise, the arbitration hearings will take place in a reasonably convenient location for both parties as determined by the arbitrator in accordance with the AAA Rules, and the hearings may be conducted in-person, by videoconference, phone or by the exchange of documents. The arbitrator's decision will be binding and may be enforced and entered as a judgment in any court of competent jurisdiction. If the arbitrator rules against Axopar, Axopar will reimburse Purchaser for reasonable attorneys' fees and costs, regardless of who initiated the arbitration. However, if the arbitrator rules in Axopar's favor, Axopar will not seek reimbursement of attorneys' fees and costs, regardless of who initiated the arbitration.

(C) Time Limitation; No Class Actions

To help resolve any issues between us promptly and directly, Axopar and Purchaser agree to begin any arbitration under this Limited Warranty within one year after the claim first arose; otherwise, the claim is waived. Axopar and Purchaser also agree to arbitrate in each of our individual capacities only – not as a representative or member of a class – and each of us expressly waives any right to file a class action or seek relief on a class action basis. Furthermore, unless Purchaser and Axopar agree in writing, the arbitrator may not consolidate more than one person's claims and may not otherwise preside over any form of a representative of class proceeding.

(D) Confidentiality

All arbitration proceedings are confidential, unless both Purchaser and Axopar agree otherwise. Arbitration orders and awards required to be filed with applicable courts of competent jurisdiction are not confidential and may be disclosed by the parties to such courts. A party who improperly discloses confidential information will be subject to sanctions. The arbitrator and forum may disclose case filings, case dispositions, and other case information as required by a court order of proper jurisdiction.

Warranty Terms for boats built from 1st of June 2026 onwards

Limited Warranty for Axopar Boats**US version 1.1 (February 2026)**

IMPORTANT NOTICE: THIS LIMITED WARRANTY IS SUBJECT TO BINDING ARBITRATION AND A WAIVER OF CLASS ACTIONS, AS DESCRIBED IN SECTION 7. Please also read the limitations and disclaimers in Sections 3(D), 3(E) and 6 regarding Boats.

Limited Warranty

Axopar Boats Ltd (“*Axopar*”) warrants to the original retail purchaser (“*Purchaser*”) of an Axopar boat manufactured and equipped with a hull identification number by Axopar (“*Boat*”) and sold at retail by an authorized dealer (“*Dealer*”) that Axopar will repair or replace defective materials and workmanship found during the applicable warranty period, subject to the limitations, exclusions and other conditions provided below. This is a “Limited Warranty” under Magnuson-Moss Warranty Act. The decision to repair or replace will be made by Axopar in its sole discretion, and all repairs must occur at the location specified by Axopar (the “*Service Location*”). This Limited Warranty gives the Purchaser specific legal rights and Purchaser may have other legal rights, which vary from state to state.

When used with these Limited Warranty terms, the following terms shall have the meanings set forth below:

“Handover Date” means the date the Purchaser first takes physical possession of the Boat for personal use. The Handover Date is evidenced by Purchaser-signed Handover Documentation or, if not provided to Axopar within ten (10) days, by other reasonable proof of delivery or possession. Where available, information contained in the Axopar Digital Product Passport may also be used to confirm the Handover Date, ownership transfer, and verified delivery history.

“Handover Documentation” means the Purchaser-signed delivery acknowledgment, handover checklist, bill of sale, or other written documentation confirming physical delivery of the Boat.

“Recreational Use” means use solely for personal enjoyment and non-commercial purposes.

“Commercial Use” means use for business, rental, charter, instruction, fishing operations, or any income-generating activity.

“Normal Operating Conditions” means use consistent with Axopar’s Owner’s Manual, recommended load, speed, and environmental limits.

“Improper Use” includes abuse, neglect, unauthorized modification, failure to maintain, or operation contrary to manufacturer instructions or applicable law.

“Material Detriment” means a defect that significantly impairs safe recreational use or reduces fair market value by a substantial amount.

“Axopar Digital Product Passport” means the secure, authenticated digital record issued for each Boat that contains verified information about that Boat’s factory specifications, ownership history, warranty status, inspection records, and service history, accessible via the digital platform provided by Axopar, including through blockchain technology in partnership with the Aura Blockchain Consortium.

1. Applicability

This Limited Warranty is valid worldwide during the applicable warranty period and applies only to Boats purchased by consumers for Recreational Use and operated under Normal

Operating Conditions and in compliance with the relevant Owner’s Manual. Any warranty for Boats intended for Commercial Use must be separately agreed upon in writing between Axopar and the Purchaser. Notwithstanding the foregoing, in exceptional circumstances related to known health or safety issues (such as those addressed by Axopar service campaigns or mandatory corrective actions), limited warranty coverage may apply to a Commercial Use Boat if expressly agreed in writing between Axopar (or its authorized representative) and the Purchaser or Dealer.

The Limited Warranty also covers any equipment installed in the Boat by Axopar as an integral part of the delivery but excludes (i) equipment covered by a separate warranty, as further specified below in Sections 2 (Warranty Provider) and 3 (Warranty Period and Limitations) and (ii) any items installed by the Dealer in the Boat or included by the Dealer with the Boat. Equipment acquired by the Purchaser from third parties and which are not included in the original delivery are not covered under this Limited Warranty.

The hull identification number of the Boat and other particulars relevant to this Limited Warranty are recorded in the applicable sales contract and/or in the Boat’s warranty certificate.

2. Warranty Provider

This Limited Warranty is provided solely by Axopar. Contact details are shown in the warranty certificate provided to the Purchaser upon delivery of the Boat. All warranties provided by the manufacturers and distributors of components, equipment and parts of the Boat are hereby assigned to the Purchaser to the extent permitted by the applicable manufacturers and distributors, as Purchaser’s sole and exclusive remedy with respect to those items. Axopar provides no separate warranty for Third-Party Equipment.

3. Warranty Period and Limitations

The Limited Warranty is valid from the Handover Date, for the time periods identified below. Failure by the Dealer to transmit Handover Documentation does not delay or reduce coverage required by law but may affect administrative processing between Axopar and Dealer.

(A) Five-Year Limited Warranty on Structural Hull:

Axopar will repair or replace any substantial defect in material or workmanship in the Boat’s structural hull that is reported within five years from the Handover Date. The structural hull means the fiberglass molded shell and all its integral structural components. A defect is substantial if it causes the Boat to be unfit or unsafe for general use as a pleasure craft under normal operating conditions.

(B) Two-Year Limited Warranty on Components Manufactured or Installed by Axopar:

Axopar will repair or replace any components manufactured or installed by Axopar that are defective in factory materials or workmanship and are reported within two years from the Handover Date (and are not already addressed in the specific warranties provided in paragraphs (A) and (C)).

(C) One-Year Limited Warranty on Upholstered Items, Canvas, Floor Materials, Other Coating and Painted Parts:

Axopar will repair or replace any upholstered items, canvas, floor materials, other coating, and painted parts manufactured or installed by Axopar that are defective in factory materials or workmanship and are reported within one year from the Handover Date.

Boats used for demonstration or display prior to retail sale shall have warranty commencement on the earlier of (i) first operational use by Dealer, or (ii) twelve (12) months after shipment to Dealer. Axopar may limit coverage to one (1) year or 100 engine hours, whichever occurs first.

Cosmetic surface conditions, including gelcoat hairline cracks, are covered for 180 days from the Handover Date, subject to root cause analysis confirming manufacturing defect. After 180 days, cosmetic conditions are excluded. This provision controls over the cosmetic exclusions in Section 3(D)(3) during the first 180 days.

Front windshield glass and installation are warranted against manufacturing defects for six (6) months from the Handover Date.

(D) Exclusions

This Limited Warranty does not apply to defects or damage arising from use other than under Normal Operating Conditions.

This Limited Warranty does not apply to defects or damage caused by Improper Use, including but not limited to the circumstances listed below.

The Limited Warranty does not apply to or cover the following items: (1) any costs incurred from hauling or transporting the Boat to and from the Service Location; (2) any equipment, components, parts or accessories not manufactured or installed by Axopar or that carry their own individual warranties provided by third parties, including but not limited to engines, propellers, pre-rigging equipment, batteries, generators, A/C units, steering mechanisms and other electronic equipment ("Third-Party Equipment"). Such Third-Party Equipment is covered solely by the individual manufacturer's warranty. Axopar assumes no liability for performance, service, or defects relating to Third-Party Equipment; (3) minor changes to the Boat's external surfaces that have no influence on the strength or serviceability of the Boat, including but not limited to any damage, deterioration, fading or discoloration or mold of cushions, cracking, fading or oxidation of gel coat, stress lines, anti-fouling bottom paint or other slight irregularities in paint work, lacquer work, woodwork or chrome finish or other minor surface blemishes; (4) windshield damage or leakage, except as expressly provided in Section 3 regarding limited windshield coverage; (5) any damage resulting from Purchaser's or a third party's negligence, willful misconduct, improper use of the Boat, overloading, powering in excess of the recommended maximum horsepower, improper rigging, misuse or alterations or repairs or attempted repairs on the Boat not authorized by Axopar, including use of an improper trailer, Boat lift or sling; (6) failure of the Purchaser or any third party to use, maintain or store the Boat as specified in the owner's manual, or any other failure to provide reasonable care and maintenance; (7) normal wear and tear items, including but not limited to ropes, filters, bulbs and batteries; (8) any representation or implication of the Boat's properties or characteristics, such as speed, weight, range, performance or fuel

consumption; (9) any failure or defect not reported to Axopar or Dealer in accordance with Section 4 (Warranty Procedures) of this Limited Warranty; (10) any failure or defect arising from repairs made by unauthorized service providers; (11) any failure or defect arising from acts of nature; and (12) any Boat that was previously salvaged or declared a total loss or constructive loss for any reason.

(E) Circumstances Resulting in Loss or Suspension of Coverage

Coverage under this Limited Warranty may be lost or suspended if: (1) Purchaser sells or otherwise conveys the Boat to a third party during the warranty period and the subsequent owner fails to notify Axopar of the transfer and provide required documentation within thirty (30) days, in which case warranty claim processing may be suspended until such documentation is received; (2) Purchaser uses the Boat in other than non-commercial activities; (3) the Boat is used in a competitive event; (4) any unauthorized modifications or changes are made to the Boat (e.g. structural modification or modifications to electrical systems on board or the programming of its engine or other systems); or (5) the Boat is salvaged or declared a total loss or constructive loss for any reason.

4. Warranty Procedures

To obtain warranty service, Purchaser must notify the Dealer within fourteen (14) calendar days of discovering the failure or defect or after Purchaser should have become aware of it. Upon detecting a defect, the Purchaser is required to take all reasonable steps necessary to prevent the defect from deteriorating further, including ceasing use where appropriate and protecting exposed areas. When reporting any defect, the Purchaser must provide the Boat's hull identification number, a copy of the warranty certificate, a reasonable number of clear and detailed photos of the defect, and a supported or documented explanation regarding when the Boat was purchased and the Dealer from which it was purchased.

After providing notice of the defect to the Dealer, the Dealer will notify Purchaser of the procedures to follow regarding this Limited Warranty. Dealer will then notify Axopar, and upon being notified of the warranty claim by Dealer, Axopar is solely responsible for determining and authorizing in writing the remedial action to be performed.

5. Axopar's Warranty Responsibilities

Axopar retains sole and final authority to determine warranty coverage, remedy, and repair method.

All warranty repairs must receive Axopar's prior written authorization before work begins, except as provided below.

Repairs necessary to prevent immediate safety hazard may be authorized up to USD 300 without prior approval, provided Axopar is notified within ten (10) days and supporting documentation is submitted.

Consistent with the foregoing, Axopar has the right to repair a defect covered by this Limited Warranty within a reasonable time and in a manner that does not result in repair costs or Material Detriment to the Purchaser. All repairs shall be carried out in a way and at the Service Location designated by Axopar.

Repairs shall be completed within reasonable time, not exceeding sixty (60) calendar days from verification of defect unless otherwise agreed.



If Axopar determines that repair is not possible after a reasonable number of attempts or if repair would result in Material Detriment, Purchaser has the right to a discount proportionate to the defect. Alternatively, Axopar may, in its sole discretion, offer to Purchaser a replacement Boat with a market value equal to the replaced Boat's market value (considering the Boat's age and condition) if it did not have that specific unrepairable defect.

If Axopar reasonably determines that the Boat defect is not covered by the Limited Warranty, Axopar has the right to charge the Purchaser for any costs that arise from inspecting and determining the defect and its cause. Any repair costs and expenses are subject to mutual agreement by Axopar and the Purchaser.

The remedies provided herein are intended to comply with applicable U.S. warranty law and shall not fail of their essential purpose.

6. Sole Remedy and Other Limitations

The repair, discount and replacement obligations specified in Section 5 (Axopar's Warranty Responsibilities) for parts or materials covered by this Limited Warranty are Purchaser's sole and exclusive remedy, and Axopar's sole obligations, for any claims whatsoever or any losses resulting from product failure. This Limited Warranty allocates risk between Purchaser and Axopar and reflects the purchase price of the Boat.

This Limited Warranty is the final, complete and exclusive warranty offered by Axopar regarding the Boat, and no other person or entity (including the Dealer or their respective sales agents or employees) is authorized to make any other warranties or representations on behalf of Axopar. **EXCEPT FOR THE EXPRESS LIMITED WARRANTIES PROVIDED IN THIS LIMITED WARRANTY, AXOPAR DISCLAIMS ALL OTHER EXPRESS AND IMPLIED WARRANTIES AND REPRESENTATIONS OF ANY KIND, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE. EXCEPT AS OTHERWISE PROVIDED IN THIS LIMITED WARRANTY, ALL BOATS ARE PROVIDED "AS IS" AND "WITH ALL FAULTS".** If and to the extent that an implied warranty cannot be disclaimed, that warranty is limited to duration of the respective express Limited Warranty provided herein. Some states do not allow the exclusion of implied warranties or do not allow limitations on the amount of time an implied warranty lasts, so the above limitations may not apply to some Purchasers.

To the extent permitted by applicable law, Axopar disclaims all liability to Purchaser and third parties for any economic loss arising from claims of product failure, negligence, defective design, lack of seaworthiness, manufacturing defect and any other liability not expressly covered in this Limited Warranty. **TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, NEITHER AXOPAR NOR DEALER SHALL UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL, ENHANCED, OR PUNITIVE DAMAGES, INCLUDING LOSS OF THE BOAT, PROFIT, PRODUCTIVITY, BUSINESS, CONTRACTS, REVENUES OR ANTICIPATED SAVINGS, OR INCREASED COSTS OR EXPENSES, AND IN NO EVENT SHALL AXOPAR'S TOTAL CUMULATIVE LIABILITY EXCEED THE ACTUAL AMOUNT PAID BY PURCHASER FOR THE BOAT.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so

the above limitation or exclusion may not apply to every Purchaser.

Nothing in this Limited Warranty limits statutory rights that cannot be excluded under applicable law.

If, at any time, any provision of this Limited Warranty is or becomes illegal, invalid or unenforceable in any respect under the laws of any jurisdiction, the legality, validity or enforceability of the remaining provisions will remain unaffected.

This Limited Warranty may be transferred to a subsequent private owner provided Axopar receives written notice within thirty (30) days of resale together with proof of transfer and updated owner contact information. Failure to provide timely notice does not automatically void this Limited Warranty but may delay or suspend warranty administration until documentation is received.

7. Arbitration and Limitation on Actions

PLEASE READ THIS SECTION CAREFULLY. WE WANT YOU TO KNOW HOW IT AFFECTS YOUR RIGHTS.

(A) Customer Service and FAQs

In the unlikely event that an issue, concern or claim (including legal claims) remains unresolved after the procedure specified in Section 4 (Warranty Procedures) and the issue has been escalated to Axopar, Purchaser and Axopar each agree to discuss any issue informally for at least 30 days. Purchaser can do this by sending your full name and contact information, your concern and your requested solution to Axopar at service@axopar.com, Attn: Legal Department. If Axopar would like to discuss an issue with Purchaser, Axopar will contact you at the address provided to the Dealer.

(B) Agreement to Arbitrate

If an agreed solution is not reached at the end of the 30-day discussion period, Purchaser and Axopar each agree that any issue, concern or claim (including legal claims) that either may have arising out of or relating to this Limited Warranty must be resolved through final binding arbitration before the American Arbitration Association using its Consumer Arbitration Rules as in effect at the time arbitration is filed (2025 version or successor), available at https://adr.org/media/yawntdvs/2025_consumer_arbitration_rules.pdf (the "AAA Rules") or available by calling the American Arbitration Association at 1-800-778-7879. As an exception to this agreement to arbitrate, Axopar gives you the right to pursue in small claims court any claim that is within that court's jurisdiction, so long as you proceed solely on an individual basis. A party who intends to seek arbitration must first send to the other party, by certified or registered mail, a written notice of dispute. Purchaser may download or copy a form notice of dispute and a form to initiate arbitration from www.adr.org. Unless Purchaser and Axopar agree otherwise, the arbitration hearings will take place in a reasonably convenient location for both parties as determined by the arbitrator in accordance with the AAA Rules, and the hearings may be conducted in-person, by videoconference, phone or by the exchange of documents. The arbitrator's decision will be binding and may be enforced and entered as a judgment in any court of competent jurisdiction. If the arbitrator rules against Axopar, Axopar will reimburse Purchaser for reasonable attorneys' fees and costs, regardless of who initiated the arbitration. However, if the arbitrator rules in Axopar's favor, Axopar will not seek reimbursement of attorneys' fees and costs, regardless of who initiated the arbitration. This

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arbitration provision is intended to comply with the American Arbitration Association Consumer Due Process Protocol.

(C) Time Limitation; No Class Actions

To help resolve any issues between us promptly and directly, Axopar and Purchaser agree to begin any arbitration under this Limited Warranty within one year after the claim first arose; otherwise, the claim is waived. Axopar and Purchaser also agree to arbitrate in each of our individual capacities only – not as a representative or member of a class – and each of us expressly waives any right to file a class action or seek relief on a class action basis. Furthermore, unless Purchaser and Axopar agree in writing, the arbitrator may not consolidate more than one person’s claims and may not otherwise preside over any form of a representative of class proceeding.

(D) Confidentiality

All arbitration proceedings are confidential, unless both Purchaser and Axopar agree otherwise. Arbitration orders and awards required to be filed with applicable courts of competent jurisdiction are not confidential and may be disclosed by the parties to such courts. A party who improperly discloses confidential information will be subject to sanctions. The arbitrator and forum may disclose case filings, case dispositions, and other case information as required by a court order of proper jurisdiction.

Appendix V: Warranty Terms - Non-US

Warranty Terms for boats built before 1st of June 2026

Limited Warranty for Axopar Boats**Non-US version 1.0****Limited Warranty**

Axopar Boats Ltd (“Axopar”) warrants to the original retail purchaser (“Purchaser”) of an Axopar boat manufactured and equipped with a hull identification number by Axopar (“Boat”) and sold at retail by an authorized dealer (“Dealer”) that Axopar will repair or replace defective materials and workmanship found during the applicable warranty period, subject to the limitations, exclusions and other conditions provided below. The decision to repair or replace will be made by Axopar in its sole discretion, and all repairs must occur at the location specified by Axopar (the “Service Location”). This Limited Warranty gives the Purchaser specific legal rights and Purchaser may have other legal rights, which vary from country to country.

1. Applicability

This Limited Warranty is valid worldwide during the applicable warranty period and applies only to Boats purchased by consumers and operated under normal, non-commercial use in compliance with the relevant Axopar owner’s manual. Any warranty for Boats intended for commercial use must be separately agreed upon in writing between Axopar and the Purchaser.

The Limited Warranty also covers any equipment installed in the Boat by Axopar as an integral part of the delivery but excludes (i) equipment covered by a separate warranty, as further specified below in Sections 2 (Warranty Provider) and 3 (Warranty Period and Limitations) and (ii) any items installed by the Dealer in the Boat or included by the Dealer with the Boat. Equipment acquired by the Purchaser from third parties and which are not included in the original delivery are not covered under this Limited Warranty.

The hull identification number of the Boat and other particulars relevant to this Limited Warranty are recorded in the applicable sales contract and/or in the Boat’s warranty certificate.

2. Warranty Provider

This Limited Warranty is provided solely by Axopar. Contact details are shown in the warranty certificate provided to the Purchaser upon delivery of the Boat. All warranties provided by the manufacturers and distributors of components, equipment and parts of the Boat are hereby assigned to the Purchaser to the extent permitted by the applicable manufacturers and distributors, as Purchaser’s sole and exclusive remedy with respect to those items.

3. Warranty Period and Limitations

The Limited Warranty is valid from the delivery date of the Boat to the Purchaser, as reflected in the Boat’s warranty certificate (the “Delivery Date”), for the time periods identified below.

(A) Five-Year Limited Warranty on Structural Hull:

Axopar will repair or replace any substantial defect in material or workmanship in the Boat’s structural hull that is reported within five years from the Delivery Date. The structural hull means the fiberglass molded shell and all its integral structural components.

A defect is substantial if it causes the Boat to be unfit or unsafe for general use as a pleasure craft under normal operating conditions.

(B) Two-Year Limited Warranty on Components Manufactured or Installed by Axopar:

Axopar will repair or replace any components manufactured or installed by Axopar that are defective in factory materials or workmanship and are reported within two years from the Delivery Date (and are not already addressed in the specific warranties provided in paragraphs (A) and (C)).

(C) One-Year Limited Warranty on Upholstered Items, Canvas, Floor Materials, Other Coating and Painted Parts:

Axopar will repair or replace any upholstered items, canvas, floor materials, other coating, and painted parts manufactured or installed by Axopar that are defective in factory materials or workmanship and are reported within one year from the Delivery Date.

(D) Exclusions

The Limited Warranty does not apply to or cover the following items: (1) any costs incurred from hauling or transporting the Boat to and from the Service Location; (2) any equipment, parts or accessories not installed by Axopar or that carry their own individual warranties provided by third parties, including but not limited to engines, propellers, pre-rigging equipment, batteries, generators, A/C units, steering mechanisms and other electronic equipment; (3) minor changes to the Boat’s external surfaces that have no influence on the strength or serviceability of the Boat, including but not limited to any damage, deterioration, fading or discoloration or mold of cushions, cracking, fading or oxidation of gel coat, stress lines, anti-fouling bottom paint or other slight irregularities in paint work, lacquer work, woodwork or chrome finish or other minor surface blemishes; (4) windshield damage or leakage; (5) any damage resulting from Purchaser’s or a third party’s negligence, willful misconduct, improper use of the Boat, overloading, powering in excess of the recommended maximum horsepower, improper rigging, misuse or alterations or repairs or attempted repairs on the Boat not authorized by Axopar, including use of an improper trailer, Boat lift or sling; (6) failure of the Purchaser or any third party to use, maintain or store the Boat as specified in the owner’s manual, or any other failure to provide reasonable care and maintenance; (7) normal wear and tear items, including but not limited to ropes, filters, bulbs and batteries; (8) any representation or implication of the Boat’s properties or characteristics, such as speed, weight, range, performance or fuel consumption; (9) any failure or defect not reported to Axopar or Dealer in accordance with Section 4 (Warranty Procedures) of this Limited Warranty; (10) any failure or defect arising from repairs made by unauthorized service providers; (11) any failure or defect arising from acts of nature; and (12) any Boat that was previously salvaged or declared a total loss or constructive loss for any reason.

(E) Voiding the Limited Warranty

This warranty becomes void if: (1) Purchaser sells or otherwise conveys the Boat to a third party during the warranty period and Axopar is not provided with the bill of sale of the Boat

and/or the contact information of the new owner; (2) Purchaser uses the Boat in other than non-commercial activities; (3) the Boat is used in a competitive event; (4) any unauthorized modifications or changes are made to the Boat (e.g. structural modification or modifications to electrical systems on board or the programming of its engine or other systems); or (5) the Boat is salvaged or declared a total loss or constructive loss for any reason.

4. Warranty Procedures

To obtain warranty service, Purchaser must notify the Dealer about the failure or defect within a reasonable time after becoming aware of it or after Purchaser should have become aware of it. Upon detecting a defect, the Purchaser is required to take all reasonable steps necessary to prevent the defect from deteriorating further. When reporting any defect, the Purchaser must provide the Boat's hull identification number, a copy of the warranty certificate, a reasonable number of clear and detailed photos of the defect, and a supported or documented explanation regarding when the Boat was purchased and the Dealer from which it was purchased.

After providing notice of the defect to the Dealer, the Dealer will notify Purchaser of the procedures to follow regarding this Limited Warranty. Dealer will then notify Axopar, and upon being notified of the warranty claim by Dealer, Axopar is solely responsible for determining and authorizing in writing the remedial action to be performed.

5. Axopar's Warranty Responsibilities

Axopar has always the right to repair a defect covered by this Limited Warranty if, in view of the nature and extent of the defect, it can be done within a reasonable time and in such a way that it does not result in repair costs or material detriment to the Purchaser. All repairs shall be carried out in a way and at the Service Location designated by Axopar.

If Axopar determines that repair is not possible, Purchaser has the right to a discount proportionate to the defect. Alternatively, Axopar may, in its sole discretion, offer to Purchaser a replacement Boat with a market value equal to the replaced Boat's market value (considering the Boat's age and condition) if it did not have that specific unrepairable defect.

If Axopar reasonably determines that the Boat defect is not covered by the Limited Warranty, Axopar has the right to charge the Purchaser for any costs that arise from inspecting and determining the defect and its cause. Any repair costs and expenses are subject mutual agreement by Axopar and the Purchaser.

6. Sole Remedy and Other Limitations

The repair, discount and replacement obligations specified in Section 5 (Axopar's Warranty Responsibilities) for parts or materials covered by this Limited Warranty are Purchaser's sole and exclusive remedy, and Axopar's sole obligations, for any claims whatsoever or any losses resulting from product failure.

This Limited Warranty the final, complete and exclusive warranty offered by Axopar regarding the Boat, and no other person or entity (including the Dealer or its respective sales agents or employees) is authorized to make any other warranties or representations on behalf of Axopar. **EXCEPT FOR THE EXPRESS LIMITED WARRANTIES PROVIDED IN THIS LIMITED WARRANTY, AXOPAR DISCLAIMS ALL OTHER EXPRESS AND IMPLIED WARRANTIES AND REPRESENTATIONS OF ANY KIND, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, AND**

FITNESS FOR A PARTICULAR PURPOSE. EXCEPT AS OTHERWISE PROVIDED IN THIS LIMITED WARRANTY, ALL BOATS ARE PROVIDED "AS IS" AND "WITH ALL FAULTS". If and to the extent that an implied warranty cannot be disclaimed, that warranty is limited to duration of the respective express Limited Warranty provided herein. Some countries do not allow the exclusion of implied warranties or do not allow limitations on the amount of time an implied warranty lasts, so the above limitations may not apply to some Purchasers.

To the extent permitted by applicable law, Axopar disclaims all liability to Purchaser and third parties for any economic loss arising from claims of product failure, negligence, defective design, lack of seaworthiness, manufacturing defect and any other liability not expressly covered in this Limited Warranty. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER AXOPAR NOR DEALER SHALL UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL, ENHANCED, OR PUNITIVE DAMAGES, INCLUDING LOSS OF THE BOAT, PROFIT, PRODUCTIVITY, BUSINESS, CONTRACTS, REVENUES OR ANTICIPATED SAVINGS, OR INCREASED COSTS OR EXPENSES, AND IN NO EVENT SHALL AXOPAR'S LIABILITY EXCEED THE ACTUAL AMOUNT PAID BY PURCHASER FOR THE BOAT.** Some countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to every Purchaser.

If, at any time, any provision of this Limited Warranty is or becomes illegal, invalid or unenforceable in any respect under the laws of any jurisdiction, the legality, validity or enforceability of the remaining provisions will remain unaffected.

7. Arbitration and Limitation on Actions

PLEASE READ THIS SECTION CAREFULLY. WE WANT YOU TO KNOW HOW IT AFFECTS YOUR RIGHTS.

(A) Customer Service and FAQs

In the unlikely event that an issue, concern or claim (including legal claims) remains unresolved after the procedure specified in Section 4 (Warranty Procedures) and the issue has been escalated to Axopar, Purchaser and Axopar each agree to discuss any issue informally for at least 30 days. Purchaser can do this by sending your full name and contact information, your concern and your requested solution to Axopar at warranty@axopar.fi, Attn: Legal Department. If Axopar would like to discuss an issue with Purchaser, Axopar will contact you at the address provided to the Dealer.

(B) Agreement to Arbitrate

If an agreed solution is not reached at the end of the 30-day discussion period, Purchaser and Axopar each agree that any issue, concern or claim (including legal claims) that either may have arising out of or relating to this Limited Warranty must be resolved through final binding arbitration. The arbitrator's decision will be binding and may be enforced and entered as a judgment in any court of competent jurisdiction. If the arbitrator rules against Axopar, Axopar will reimburse Purchaser for reasonable attorneys' fees and costs, regardless of who initiated the arbitration. However, if the arbitrator rules in Axopar's favor, Axopar will not seek reimbursement of attorneys' fees and costs, regardless of who initiated the arbitration.

(C) Time Limitation; No Class Actions

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To help resolve any issues between us promptly and directly, Axopar and Purchaser agree to begin any arbitration under this Limited Warranty within one year after the claim first arose; otherwise, the claim is waived. Axopar and Purchaser also agree to arbitrate in each of our individual capacities only – not as a representative or member of a class – and each of us expressly waives any right to file a class action or seek relief on a class action basis. Furthermore, unless Purchaser and Axopar agree in writing, the arbitrator may not consolidate more than one person's claims and may not otherwise preside over any form of a representative of class proceeding.

(D) Confidentiality

All arbitration proceedings are confidential, unless both Purchaser and Axopar agree otherwise. Arbitration orders and awards required to be filed with applicable courts of competent jurisdiction are not confidential and may be disclosed by the parties to such courts. A party who improperly discloses confidential information will be subject to sanctions. The arbitrator and forum may disclose case filings, case dispositions, and other case information as required by a court order of proper jurisdiction.

Warranty Terms for boats built from 1st of June 2026 onwards

Limited Warranty for Axopar Boats**Non-US version 1.1 (May 2026)****Limited Warranty**

This Limited Warranty is a voluntary commercial warranty provided by Axopar and does not limit any mandatory statutory rights that the Purchaser may have under applicable consumer protection laws.

Axopar Boats Ltd ("**Axopar**") warrants to the original retail purchaser ("**Purchaser**") of an Axopar boat manufactured and equipped with a hull identification number by Axopar ("**Boat**") and sold at retail by an authorized dealer ("**Dealer**") that Axopar will repair or replace defective materials and workmanship found during the applicable warranty period, subject to the limitations, exclusions and other conditions provided below. The decision to repair or replace will be made by Axopar in its sole discretion, and all repairs must occur at the location specified by Axopar (the "**Service Location**"). This Limited Warranty gives the Purchaser specific legal rights and Purchaser may have other legal rights, which vary from country to country.

When used with these Limited Warranty terms, the following terms shall have the meanings set forth below:

"Handover Date" means the date the Purchaser first takes physical possession of the Boat for personal use. The Handover Date is evidenced by Purchaser-signed Handover Documentation or, if not provided to Axopar within ten (10) days, by other reasonable proof of delivery or possession. Where available, information contained in the Axopar Digital Product Passport may also be used to confirm the Handover Date, ownership transfer, and verified delivery history.

"Handover Documentation" means the Purchaser-signed delivery acknowledgment, handover checklist, bill of sale, or other written documentation confirming physical delivery of the Boat.

"Recreational Use" means use solely for personal enjoyment and non-commercial purposes.

"Commercial Use" means use for business, rental, charter, instruction, fishing operations, or any income-generating activity.

"Normal Operating Conditions" means use consistent with Axopar's Owner's Manual, recommended load, speed, and environmental limits.

"Improper Use" includes abuse, neglect, unauthorized modification, failure to maintain, or operation contrary to manufacturer instructions or applicable law.

"Material Detriment" means a defect that significantly impairs safe recreational use or reduces fair market value by a substantial amount.

"Axopar Digital Product Passport" means the secure, authenticated digital record issued for each Boat that contains verified information about that Boat's factory specifications, ownership history, warranty status, inspection records, and service history, accessible via the digital platform provided by Axopar, including through blockchain technology in partnership with the Aura Blockchain Consortium.

1. Applicability

This Limited Warranty is valid outside the United States during the applicable warranty period and applies only to Boats purchased by consumers for Recreational Use and operated under Normal Operating Conditions and in compliance with the relevant

Axopar Owner's Manual. Any warranty for Boats intended for Commercial Use must be separately agreed upon in writing between Axopar and the Purchaser. Notwithstanding the foregoing, in exceptional circumstances related to known health or safety issues, including service campaigns or mandatory corrective actions, limited warranty coverage may apply to a Commercial Use Boat if expressly agreed in writing between Axopar or its authorized representative and the Purchaser or Dealer. Nothing in this Limited Warranty limits mandatory statutory rights that cannot be excluded under applicable law.

The Limited Warranty also covers any equipment installed in the Boat by Axopar as an integral part of the delivery but excludes (i) equipment covered by a separate warranty, as further specified below in Sections 2 (Warranty Provider) and 3 (Warranty Period and Limitations) and (ii) any items installed by the Dealer in the Boat or included by the Dealer with the Boat. Equipment acquired by the Purchaser from third parties and which are not included in the original delivery are not covered under this Limited Warranty.

The hull identification number of the Boat and other particulars relevant to this Limited Warranty are recorded in the applicable sales contract and/or in the Boat's warranty certificate.

2. Warranty Provider

This Limited Warranty is provided solely by Axopar. Contact details are shown in the warranty certificate provided to the Purchaser upon delivery of the Boat. All warranties provided by the manufacturers and distributors of components, equipment and parts of the Boat are hereby assigned to the Purchaser to the extent permitted by the applicable manufacturers and distributors, as Purchaser's sole and exclusive remedy with respect to those items. Axopar provides no separate warranty for Third-Party Equipment.

3. Warranty Period and Limitations

The Limited Warranty is valid from the Handover Date for the time periods identified below. Failure by the Dealer to transmit Handover Documentation does not delay or reduce coverage required by law, but may affect administrative processing between Axopar and Dealer.

(A) Five-Year Limited Warranty on Structural Hull:

Axopar will repair or replace any substantial defect in material or workmanship in the Boat's structural hull that is reported within five years from the Handover Date. The structural hull means the fiberglass molded shell and all its integral structural components. A defect is substantial if it causes the Boat to be unfit or unsafe for general use as a pleasure craft under normal operating conditions.

(B) Two-Year Limited Warranty on Components Manufactured or Installed by Axopar:

Axopar will repair or replace any components manufactured or installed by Axopar that are defective in factory materials or workmanship and are reported within two years from the Handover Date (and are not already addressed in the specific warranties provided in paragraphs (A) and (C)).

(C) One-Year Limited Warranty on Upholstered Items, Canvas, Floor Materials, Other Coating and Painted Parts:

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Axopar will repair or replace any upholstered items, canvas, floor materials, other coating, and painted parts manufactured or installed by Axopar that are defective in factory materials or workmanship and are reported within one year from the Handover Date.

Boats used for demonstration or display prior to retail sale shall have warranty commencement on the earlier of (i) first operational use by Dealer, or (ii) twelve (12) months after shipment to Dealer. Axopar may limit coverage to one (1) year or 100 engine hours, whichever occurs first, except to the extent otherwise required by mandatory applicable law.

Cosmetic surface conditions, including gelcoat hairline cracks, are covered for 180 days from the Handover Date, subject to root cause analysis confirming a manufacturing defect. After 180 days, cosmetic conditions are excluded, except to the extent otherwise required by mandatory applicable law. This provision controls over the cosmetic exclusions in Section 3(D)(3) during the first 180 days.

Front windshield glass and installation are warranted against manufacturing defects for six (6) months from the Handover Date, except to the extent otherwise required by mandatory applicable law.

(D) *Exclusions*

This Limited Warranty does not apply to defects or damage arising from use other than under Normal Operating Conditions.

This Limited Warranty does not apply to defects or damage caused by Improper Use, including but not limited to the circumstances listed below.

The Limited Warranty does not apply to or cover the following items: (1) any costs incurred from hauling or transporting the Boat to and from the Service Location; (2) any equipment, components, parts or accessories not manufactured or installed by Axopar or that carry their own individual warranties provided by third parties, including but not limited to engines, propellers, pre-rigging equipment, batteries, generators, A/C units, steering mechanisms and other electronic equipment ("**Third-Party Equipment**"). Such Third-Party Equipment is covered solely by the individual manufacturer's or supplier's warranty, to the extent available. Axopar assumes no liability for performance, service, or defects relating to Third-Party Equipment, except to the extent such liability cannot be excluded under applicable law; (3) minor changes to the Boat's external surfaces that have no influence on the strength or serviceability of the Boat, including but not limited to any damage, deterioration, fading or discoloration or mold of cushions, cracking, fading or oxidation of gel coat, stress lines, anti-fouling bottom paint or other slight irregularities in paint work, lacquer work, woodwork or chrome finish or other minor surface blemishes; (4) windshield damage or leakage, except as expressly provided in Section 3 regarding limited windshield coverage; (5) any damage resulting from Purchaser's or a third party's negligence, willful misconduct, improper use of the Boat, overloading, powering in excess of the recommended maximum horsepower, improper rigging, misuse or alterations or repairs or attempted repairs on the Boat not authorized by Axopar, including use of an improper trailer, Boat lift or sling; (6) failure of the Purchaser or any third party to use, maintain or store the Boat as specified in the owner's manual, or any other failure to provide reasonable care and maintenance; (7) normal wear and tear items, including but not limited to ropes, filters, bulbs and batteries; (8) any representation or implication of the Boat's properties or characteristics, such as speed, weight, range, performance or fuel consumption; (9) any failure or defect

not reported to Axopar or Dealer in accordance with Section 4 (Warranty Procedures) of this Limited Warranty; (10) any failure or defect arising from repairs made by unauthorized service providers; (11) any failure or defect arising from acts of nature; and (12) any Boat that was previously salvaged or declared a total loss or constructive loss for any reason.

(E) *Circumstances Resulting in Loss or Suspension of Coverage*

Coverage under this Limited Warranty may be lost or suspended if: (1) Purchaser sells or otherwise conveys the Boat to a third party during the warranty period and the subsequent owner fails to notify Axopar of the transfer and provide required documentation within thirty (30) days, in which case warranty claim processing may be suspended until such documentation is received; (2) Purchaser uses the Boat in other than non-commercial activities; (3) the Boat is used in a competitive event; (4) any unauthorized modifications or changes are made to the Boat (e.g. structural modification or modifications to electrical systems on board or the programming of its engine or other systems); or (5) the Boat is salvaged or declared a total loss or constructive loss for any reason.

4. **Warranty Procedures**

To obtain warranty service, Purchaser must notify the Dealer within fourteen (14) calendar days of discovering the failure or defect or after Purchaser should have become aware of it, unless a longer period is required under mandatory applicable law. Upon detecting a defect, the Purchaser is required to take all reasonable steps necessary to prevent the defect from deteriorating further, including ceasing use where appropriate and protecting exposed areas. When reporting any defect, the Purchaser must provide the Boat's hull identification number, a copy of the warranty certificate, a reasonable number of clear and detailed photos of the defect, and a supported or documented explanation regarding when the Boat was purchased and the Dealer from which it was purchased.

After providing notice of the defect to the Dealer, the Dealer will notify Purchaser of the procedures to follow regarding this Limited Warranty. Dealer will then notify Axopar, and upon being notified of the warranty claim by Dealer, Axopar is solely responsible for determining and authorizing in writing the remedial action to be performed.

5. **Axopar's Warranty Responsibilities**

Axopar retains sole and final authority to determine warranty coverage, remedy, and repair method.

All warranty repairs must receive Axopar's prior written authorization before work begins, except as provided below.

Repairs necessary to prevent an immediate safety hazard may be authorized up to EUR 300 without prior approval, provided Axopar is notified within ten (10) days and supporting documentation is submitted.

Consistent with the foregoing, Axopar has the right to repair a defect covered by this Limited Warranty within a reasonable time and in a manner that does not result in repair costs or Material Detriment to the Purchaser. All repairs shall be carried out in a way and at the Service Location designated by Axopar.

Repairs shall be completed within a reasonable time, not exceeding sixty (60) calendar days from verification of defect unless otherwise agreed or unless a longer period is reasonably required due to the nature of the repair, availability of parts, transport, location of the Boat, seasonal conditions, or other circumstances outside Axopar's reasonable control.

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If Axopar determines that repair is not possible after a reasonable number of attempts or if repair would result in Material Detriment, Purchaser has the right to a discount proportionate to the defect. Alternatively, Axopar may, in its sole discretion, offer to Purchaser a replacement Boat with a market value equal to the replaced Boat's market value, considering the Boat's age and condition, if it did not have that specific unrepairable defect.

If Axopar reasonably determines that the Boat defect is not covered by the Limited Warranty, Axopar has the right to charge the Purchaser for costs that arise from inspecting and determining the defect and its cause, except to the extent prohibited by applicable law. Any repair costs and expenses are subject to mutual agreement by Axopar and the Purchaser.

6. Sole Remedy and Other Limitations

The repair, discount and replacement obligations specified in Section 5 (Axopar's Warranty Responsibilities) for parts or materials covered by this Limited Warranty are Purchaser's sole and exclusive remedy, and Axopar's sole obligations, for any claims whatsoever or any losses resulting from product failure.

This Limited Warranty is the final, complete and exclusive warranty offered by Axopar regarding the Boat, and no other person or entity (including the Dealer or its respective sales agents or employees) is authorized to make any other warranties or representations on behalf of Axopar. **EXCEPT FOR THE EXPRESS LIMITED WARRANTIES PROVIDED IN THIS LIMITED WARRANTY, AXOPAR DISCLAIMS ALL OTHER EXPRESS AND IMPLIED WARRANTIES AND REPRESENTATIONS OF ANY KIND, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE. EXCEPT AS OTHERWISE PROVIDED IN THIS LIMITED WARRANTY AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, ALL BOATS ARE PROVIDED "AS IS" AND "WITH ALL FAULTS".** If and to the extent that an implied warranty cannot be disclaimed, that warranty is limited to duration of the respective express Limited Warranty provided herein. Some countries do not allow the exclusion of implied warranties or do not allow limitations on the amount of time an implied warranty lasts, so the above limitations may not apply to some Purchasers.

To the extent permitted by applicable law, Axopar disclaims all liability to Purchaser and third parties for any economic loss arising from claims of product failure, negligence, defective design, lack of seaworthiness, manufacturing defect and any other liability not expressly covered in this Limited Warranty. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER AXOPAR NOR DEALER SHALL UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL, ENHANCED, OR PUNITIVE DAMAGES, INCLUDING LOSS OF THE BOAT, PROFIT, PRODUCTIVITY, BUSINESS, CONTRACTS, REVENUES OR ANTICIPATED SAVINGS, OR INCREASED COSTS OR EXPENSES, AND IN NO EVENT SHALL AXOPAR'S TOTAL CUMULATIVE LIABILITY UNDER THIS LIMITED WARRANTY EXCEED THE ACTUAL AMOUNT PAID BY PURCHASER FOR THE BOAT.** Some countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to every Purchaser.

Nothing in this Limited Warranty limits mandatory statutory rights that cannot be excluded under applicable law.

If, at any time, any provision of this Limited Warranty is or becomes illegal, invalid or unenforceable in any respect under the

laws of any jurisdiction, the legality, validity or enforceability of the remaining provisions will remain unaffected.

This Limited Warranty may be transferred to a subsequent private owner provided Axopar receives written notice within thirty (30) days of resale together with proof of transfer and updated owner contact information. Failure to provide timely notice does not automatically void this Limited Warranty but may delay or suspend warranty administration until documentation is received.

7. Dispute Resolution and Limitation on Actions

PLEASE READ THIS SECTION CAREFULLY. WE WANT YOU TO KNOW HOW IT AFFECTS YOUR RIGHTS.

(A) Customer Service and FAQs

In the unlikely event that an issue, concern or claim (including legal claims) remains unresolved after the procedure specified in Section 4 (Warranty Procedures) and the issue has been escalated to Axopar, Purchaser and Axopar each agree to discuss any issue informally for at least thirty (30) days. Purchaser can do this by sending Purchaser's full name and contact information, concern and requested solution to Axopar at service@axopar.com, Attn: Legal Department. If Axopar would like to discuss an issue with Purchaser, Axopar will contact you at the address provided to the Dealer.

(B) Governing Law and Forum

This Limited Warranty shall be governed by the laws of Finland, excluding its conflict of laws rules, unless mandatory applicable consumer protection laws require otherwise. Any dispute, controversy or claim arising out of or relating to this Limited Warranty shall be finally resolved by arbitration under the Arbitration Rules of the Finland Chamber of Commerce. The seat of arbitration shall be Helsinki, Finland. The number of arbitrators shall be one (1). The language of arbitration shall be English. The arbitrator's decision will be binding and may be enforced and entered as a judgment in any court of competent jurisdiction. If the arbitrator rules against Axopar, Axopar will reimburse Purchaser for reasonable attorneys' fees and costs, regardless of who initiated the arbitration. However, if the arbitrator rules in Axopar's favor, Axopar will not seek reimbursement of attorneys' fees and costs, regardless of who initiated the arbitration.

Mandatory consumer law carve-out:

Nothing in this Section limits any mandatory right of a Purchaser acting as a consumer to submit a complaint to, or seek assistance from, any competent consumer protection authority, consumer ombudsman, alternative dispute resolution body, or court in the country or jurisdiction where the Purchaser is domiciled, if and to the extent such right cannot be excluded under applicable law.

For Purchasers domiciled in the European Union or European Economic Area, this includes any mandatory right to refer a consumer dispute to a competent national consumer alternative dispute resolution body or consumer authority, where such right is available under applicable law.

(C) Time Limitation; No Class Actions

To the extent permitted by applicable law, Axopar and Purchaser agree to begin any arbitration or any other permitted proceeding under this Limited Warranty within one (1) year after the claim first arose; otherwise, the claim is waived. To the extent permitted by applicable law, Axopar and Purchaser also agree to

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proceed only in their individual capacities and not as a representative or member of a class – and each expressly waives any right to file a class action or seek relief on a class action basis. Furthermore, unless Purchaser and Axopar agree in writing, the arbitrator may not consolidate more than one person’s claims and may not otherwise preside over any form of a representative of class proceeding.

(D) Confidentiality

All arbitration proceedings are confidential, unless both Purchaser and Axopar agree otherwise or disclosure is required by applicable law, court order, or the rules of the arbitration forum. Arbitration orders and awards required to be filed with applicable courts of competent jurisdiction are not confidential and may be disclosed by the parties to such courts. A party who improperly discloses confidential information will be subject to sanctions. The arbitrator and forum may disclose case filings, case dispositions, and other case information as required by a court order of proper jurisdiction.