BRABUS Shadow 1000 ST Appendices
BRABUS Shadow 1000 XC Appendices

Table of Contents

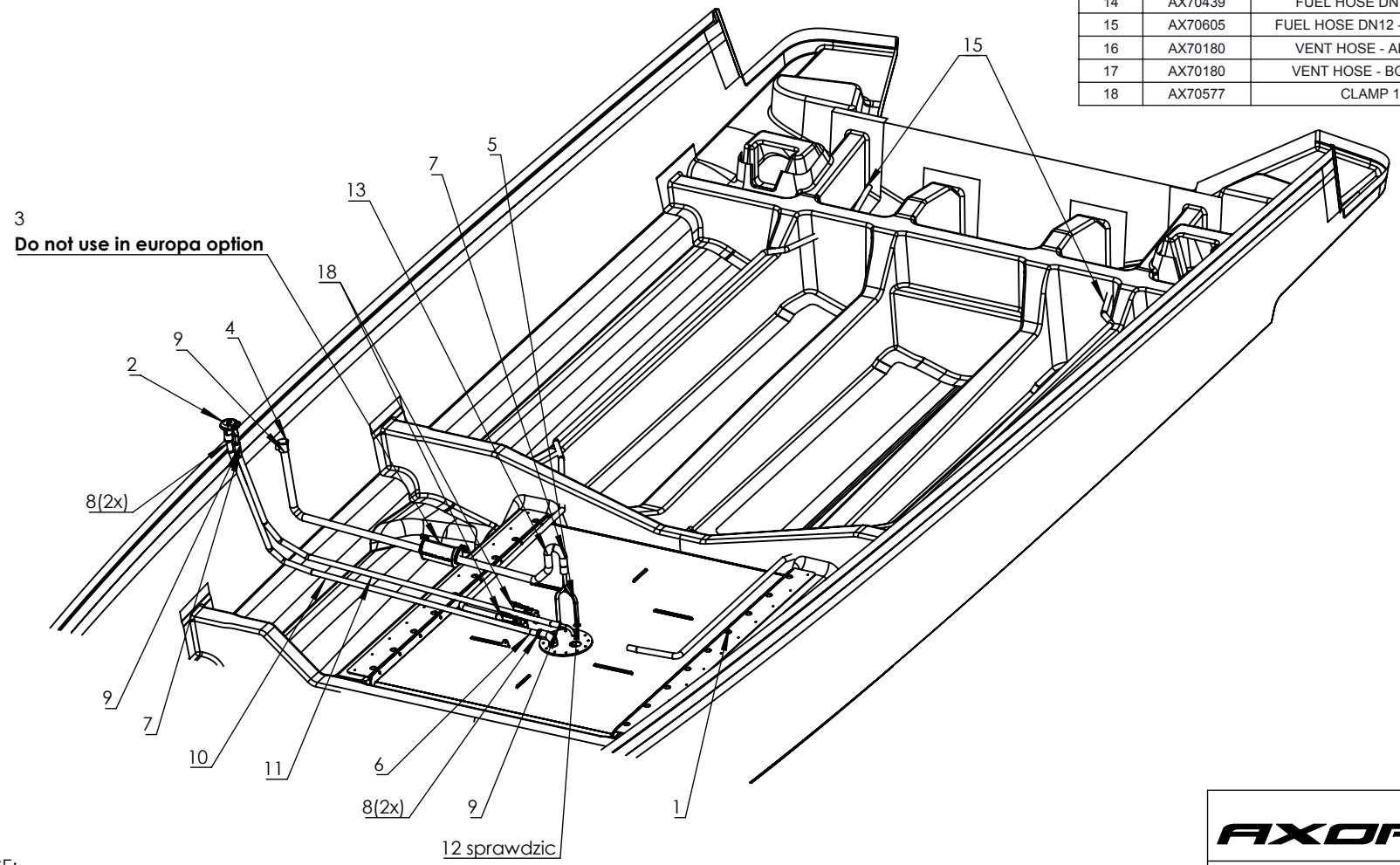
1 Appendix I: Fuel system..... 3
2 Appendix II: Electrical diagrams.....4
3 Appendix III: AIS Decontamination – North America.....5
4 Appendix IV: Transport dimensions..... 6
5 Appendix V: Warranty terms..... 7

© 2026 Axopar Boats / Brabus Marine

1 Appendix I: Fuel system

© 2026 Axopar Boats / Brabus Marine

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**"

AXOPAR

BOAT MODEL: AXOPAR 37L

DRAWN: Maciej Bukłaho

MODEL ASSEMBLY: Maciej Bukłaho

APPROVED: PROTOTYPE

TITLE: FUEL SYSTEM - PERKO

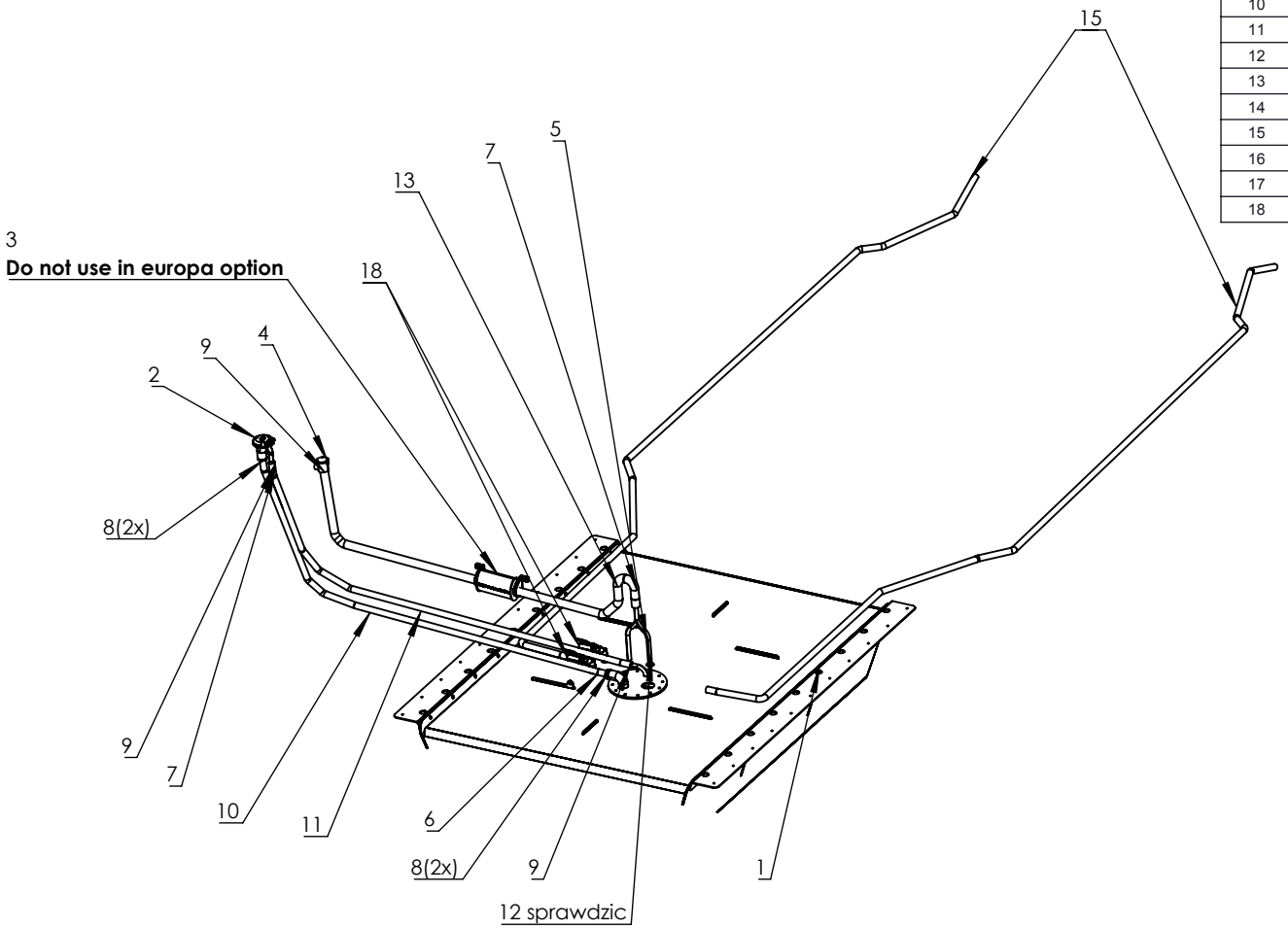
DATE: 02.07.2019

DWG NO.: SY-AX37L-01

Rev.: A

SHEET: 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



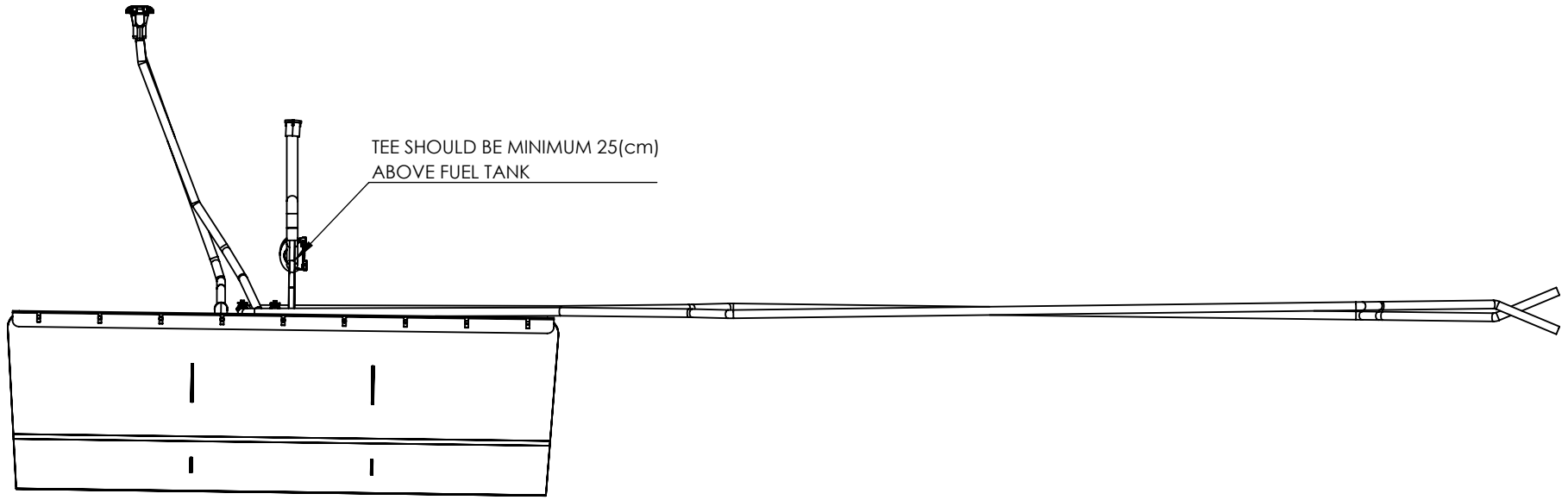
NOTICE:

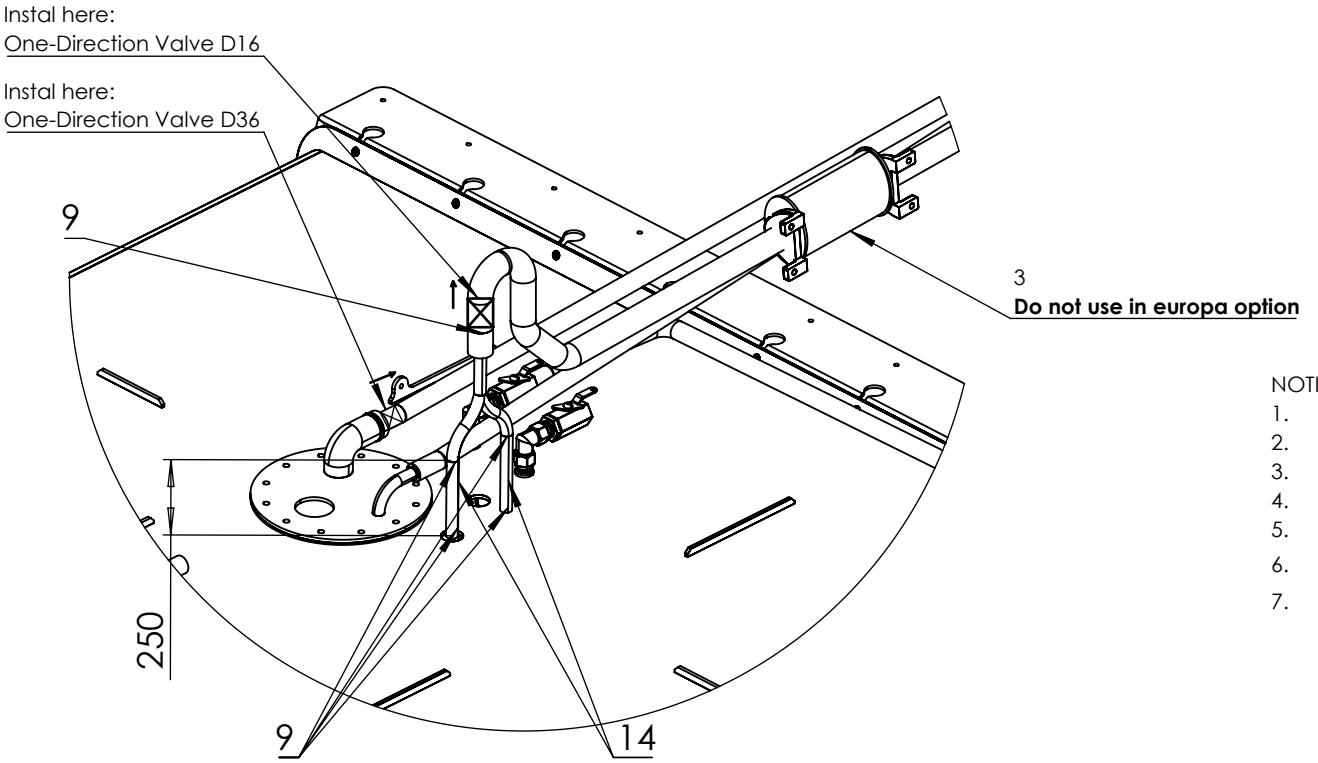
1. Do NOT use Sikalfex on fuel Hoses
2. See instruction **INS006/AX37-Sh800** for **FUEL PERKO** instalation
3. See instruction "**INSTALLATION INSTRUCTIONS FOR HOSE CLAMPS**"

AXOPAR

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





NOTICE:

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

AXOPAR		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

2 Appendix II: Electrical diagrams

© 2026 Axopar Boats / Brabus Marine

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

10.10.2023	PF	F22: 2004916; Not modified	Date	26.4.2019	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	COVER	HL	1/ 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

STRUCTURE OF 12Vdc SYSTEM, EURO/USA

12Vdc HARNESS STRUCTURE:

LEGEND:
(APPLIES ONLY THIS PAGE)

-X.3 / -X3 — SOCKET CONNECTOR (INCLUDES PIN CONTACTS) / PLUG CONNECTOR (INCLUDES SOCKET CONTACTS)

OR — ALL PRODUCTS TIED "OR" -LABEL ARE ALTERNATIVE OPTIONS DEPENDING THE SET-UP OR MODEL OF BOAT. BOTH PRODUCTS WITH "OR" -LABEL CANNOT INSTALL TO BOAT.

NOTE! CONNECTOR NAME LIKE "X3" IS HEADER ONLY FOR EXAMPLE X3 CONNECTORS INCLUDES VARIOUS CONNECTORS:
X3a, X3b, X3c, X3d, X3e, X3f and X3g.
MORE DETAILS IN ELECTRIC SCHEMATIC AND PRODUCTION DRAWINGS.

SYSTEM GROUPS:
NOTICE!
ALL PRODUCTS INCLUDED INDICATED SYSTEM GROUP NEED TO INSTALL TO BOAT.

● BOW BATTERY SYSTEM PRODUCTS

(BASIC MODELS WITH LIGHT PACK) (STANDARD) SWITCH PANEL LIGHT PACK 41161 ** — -X.6, -X.7
(OPTIONAL) AFT CABIN LIGHT SWITCH 29636 — -L_X.2
(ONLY LIGHT PACK) FRONT AND AFT CABIN LIGHT SWITCH 41196 — LX1
OR
(USED ONLY IN BASIC MODELS) (STANDARD) MAIN SW CONTROL PANEL 29599 — -X1
(USED ONLY IN SHADOW MODELS) (STANDARD) SHADOW MAIN SW CONTROL PANEL 30812 — -SH_X1
(ONLY NON-LIGHT PACK) 4 pcs BASIC LIGHT SWITCH 41158 — LX3a,b,c,d
(ONLY LIGHT PACK) 2 pcs LIGHT PACK SWITCH 41159 ** — LX3a,b
(See assembly diagram for connection details)

(OPTIONAL) SEARCH LT HARNESS 29592 — -X.13 / -X13
(OPTIONAL) LIVE WELL HARNESS 29593 — -X.11 / -X11
(OPTIONAL) ELECTRICAL ROOF HARNESS 29594 — -X.12 / -X12
(USED ONLY IN BASIC MODELS) (STANDARD) SWITCH PANEL 29211 — -X.6, -X.7
(USED ONLY IN SHADOW MODELS) (STANDARD) SHADOW SWITCH PANEL 30810 — -SH_X.6, -SH_X.7
OR
-L_X2
(OPTIONAL) AFT CABIN HARNESS 29588 — -X5 / -X.5
-X6, -X7
-X.1
LX3a/b/c/d

(STANDARD) BATTERY BOX HARNESS 29620 — MAIN DC NEG. POINT: -B1, -B2 — -B_X1
(STANDARD) HULL HARNESS 29585 — NEG. BUS: -XG1a, - XG1b, -XG1c — -X4
(STANDARD) DECK HARNESS 29586 — NEG. BUS: -XG2a, - XG2b — -X9
OR
(USED IN XC CROSS CABIN VARIANT) (STANDARD) CABIN ROOF HARNESS 29589 — NEG. BUS: -C_XG3 — -C_X.9 / -C_X.10
(USED IN SUN TOP VARIANT) (STANDARD) OPEN ROOF HARNESS 29590 — NEG. BUS: -O_XG3 — -O_X.9 / -O_X.10
OR
-X10
(STANDARD) MAST HARNESS 29591

(STANDARD) BATTERY BOX STB PANEL 29613 — -B_X2, -B_X3
(STANDARD) BATTERY BOX PORT PANEL 29615 — -B_X4
(STANDARD) BATTERY BOX FWD WALL PANEL 29617
(STANDARD) BATTERY BOX AFT WALL PANEL 29618
(STANDARD) BATTERY BOX CABLES STANDARD 29607

29637 BATTERY BOX STANDARD

-X2
-RL_X1 / -RL_X.1 — (STANDARD) RELAY UNIT 29596 — (See assembly diagram for connection details)
-X3 / -X.3 — (STANDARD) FORE CABIN HARNESS 29587
-MS_X1 / -MS_X.1 — (OPTIONAL) BOW HEAVY AUX MAIN SWITCH UNIT 29597 ●
-X.15 / -X15 — (OPTIONAL) MULTISTORAGE LT HARNESS 32188
-X35 / -X.35 — (OPTIONAL) WETBAR LIGHTS HARNESS 38425
-L_X1
-D_S1 / -D_S.1 — (OPTIONAL) AXOPAR 28 LIGHT SWITCH 16538
OR
-L_X.1 — (STANDARD) FORE CABIN LIGHT SWITCH 29635
-L_X.1 — (ONLY LIGHT PACK) FRONT AND AFT CABIN LIGHT SWITCH 41196
OR
(LIGHT PACK) DIMMER KIT 41160 ** — (See assembly diagram for connection details)
OR
-SH_X.2 — (USED ONLY IN SHADOW MODELS) (STANDARD) SHADOW FUSE UNIT 30811
-X.2 — FUSE SHOWER OPTION 32110
-X.2 — (STANDARD) (USED ONLY IN BASIC MODELS) FUSE UNIT 29595

**= must be used together, may not be mixed with standard lighting products

12Vdc BATTERY BOX PRODUCTS: STANDARD

SEPARATE PANELS:

BATTERY CABLES:

12Vdc SOLAR PANEL SYSTEM:

(OPTIONAL) SOLAR PANEL CABLES 29606

12Vdc BATTERY BOX PRODUCTS: OPTIONAL

(OPTIONAL) STERN THRUSTER CABLES 41197
(OPTIONAL) INVERTER CABLE SET 29611
(OPTIONAL) AUTOPILOT HARNESS 30736
(OPTIONAL) POWER STEERING CABLES 1xPUMP 30880
(OPTIONAL) ISM HARNESS 30735
(OPTIONAL) BATTERY BOX CHARGER CABLES 30737
(OPTIONAL) POWER STEERING CABLES 2xPUMP 30881

12Vdc BATTERY CABLES:

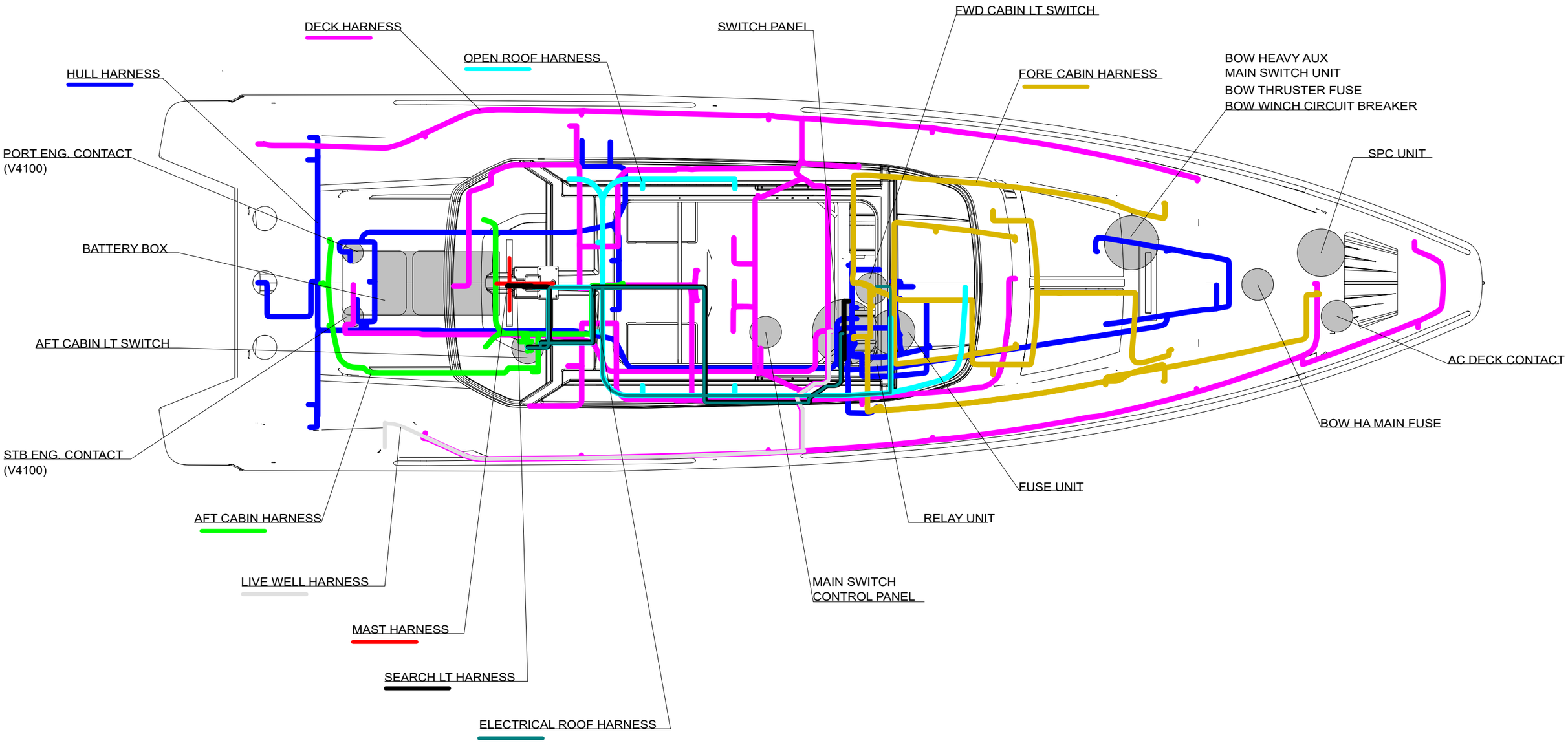
(STANDARD) ALTERNATOR CABLES 29600
(STANDARD) SERVICE MAIN SUPPLY CABLES 29601
(OPTIONAL) BOW THRUSTER CABLE SET 29602 ●
(OPTIONAL) AFT WINCH CABLE SET 29604
(OPTIONAL) BOW WINCH CABLE SET 29603 (ONLY WITH BOW THRUSTER CABLE SET)
(OPTIONAL) HEAVY AMPLIFIER CABLES 29605

10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar	
20.2.2024	PF	G23; 2005054; Added: 41158, 41159, 41160, 41161, 41196, 41197	Drawing by	TuM		Boat	Sub-product code / Product code / Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	EL. STRUCTURE - 12Vdc SYSTEM, EURO/USA
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title / HL / Loc / 2 / 210 Sheet

T-TOP (TT) HARNESS/ PANEL GENERAL LAYOUT

TOP VIEW

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



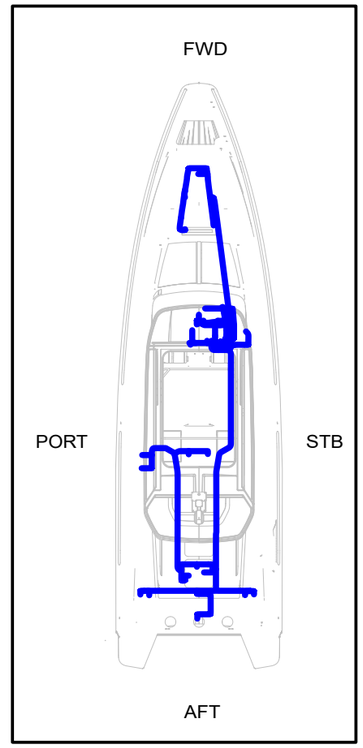
Date of modification	Modified by	Description		
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24
			Project rev.	G

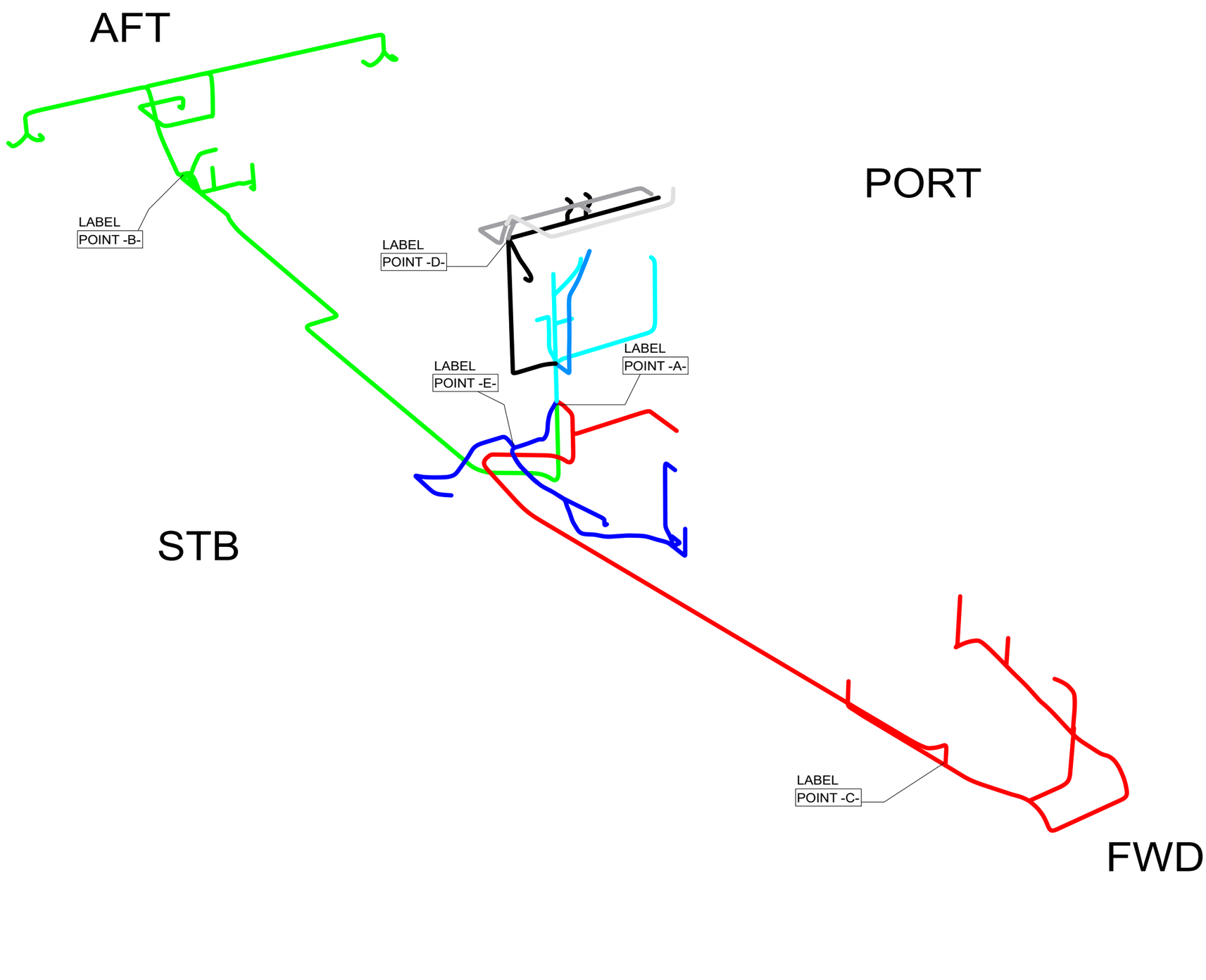
Copyright by

NAVIX designed solutions

Boat	Sub-product code	Product code	Project ID
Axopar			
Boat model	**Title**		**Loc**	**Sheet**
37 MY20	HARNESS LAYOUT - T-TOP (TT)	HL	3 / 210

HULL HARNESS - LAYOUT



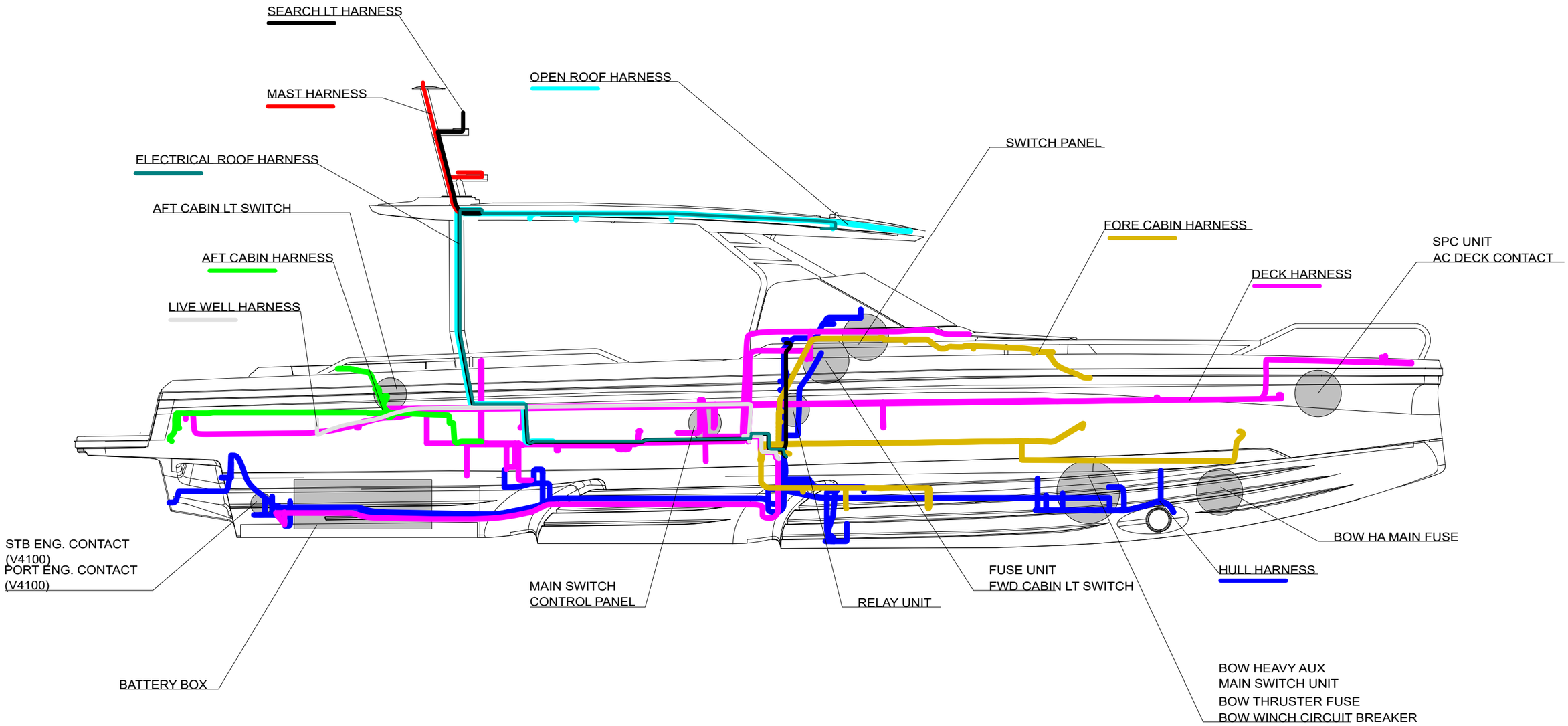


10.10.2023	PF	F22: 2004916; Not modified	Date	2.5.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	HULL HARNESS - LAYOUT	HL	4 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

T-TOP (TT) HARNESS/ PANEL GENERAL LAYOUT

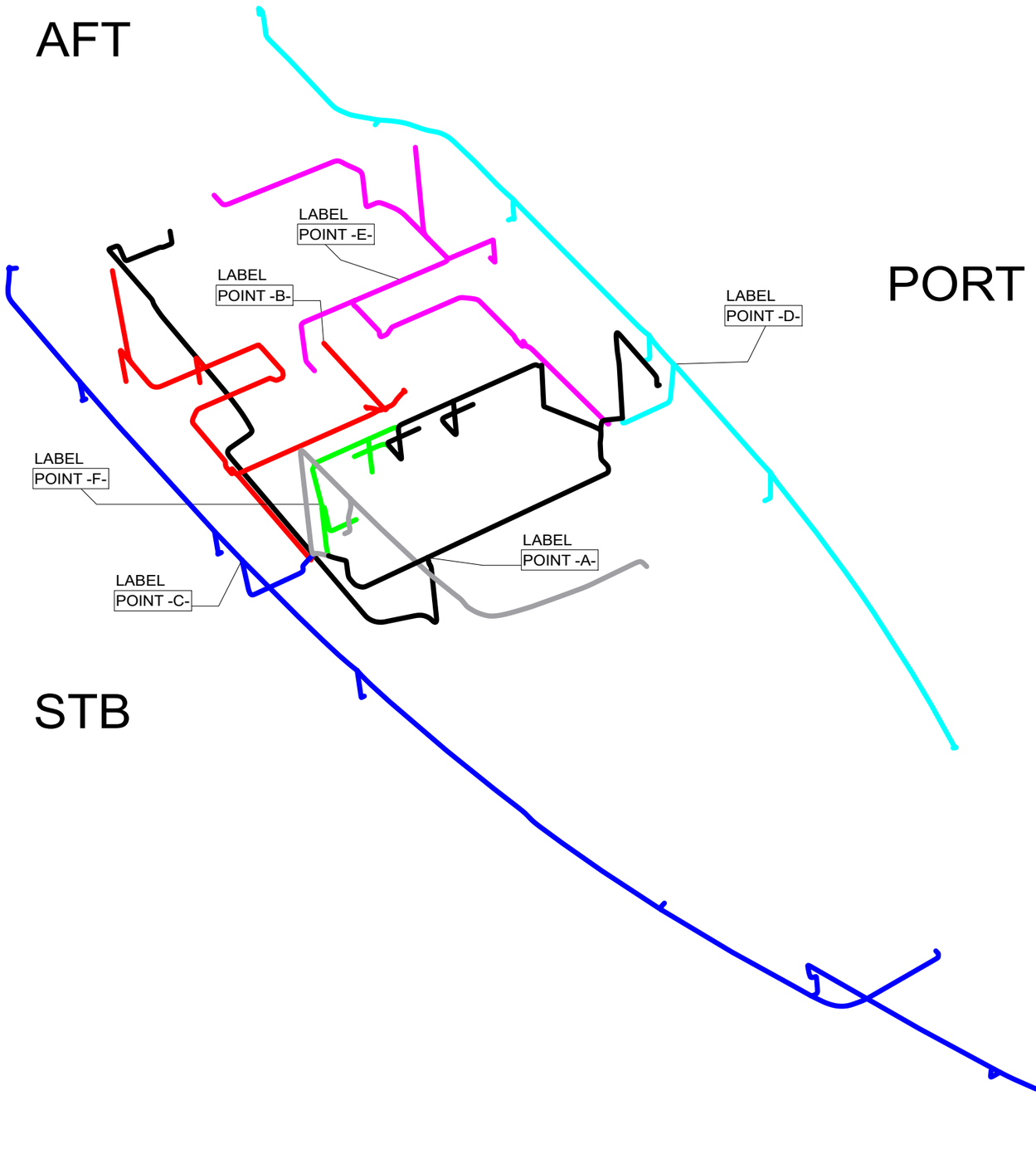
SIDE VIEW

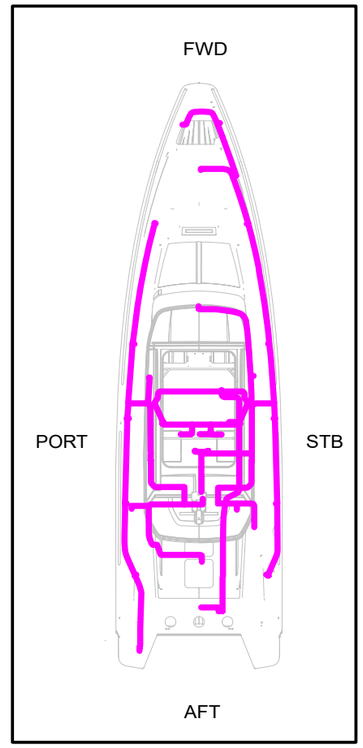
NOTE!
LAYOUT GIVES ONLY APPROXIMATE LOCATION OF PANEL AND HARNESS.



Date of modification	Modified by	Description							
10.10.2023	PF	F22: 2004916; Not modified	Date	11.7.2019	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	HARNESS LAYOUT - T-TOP (TT)	HL	5 / 210
			Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

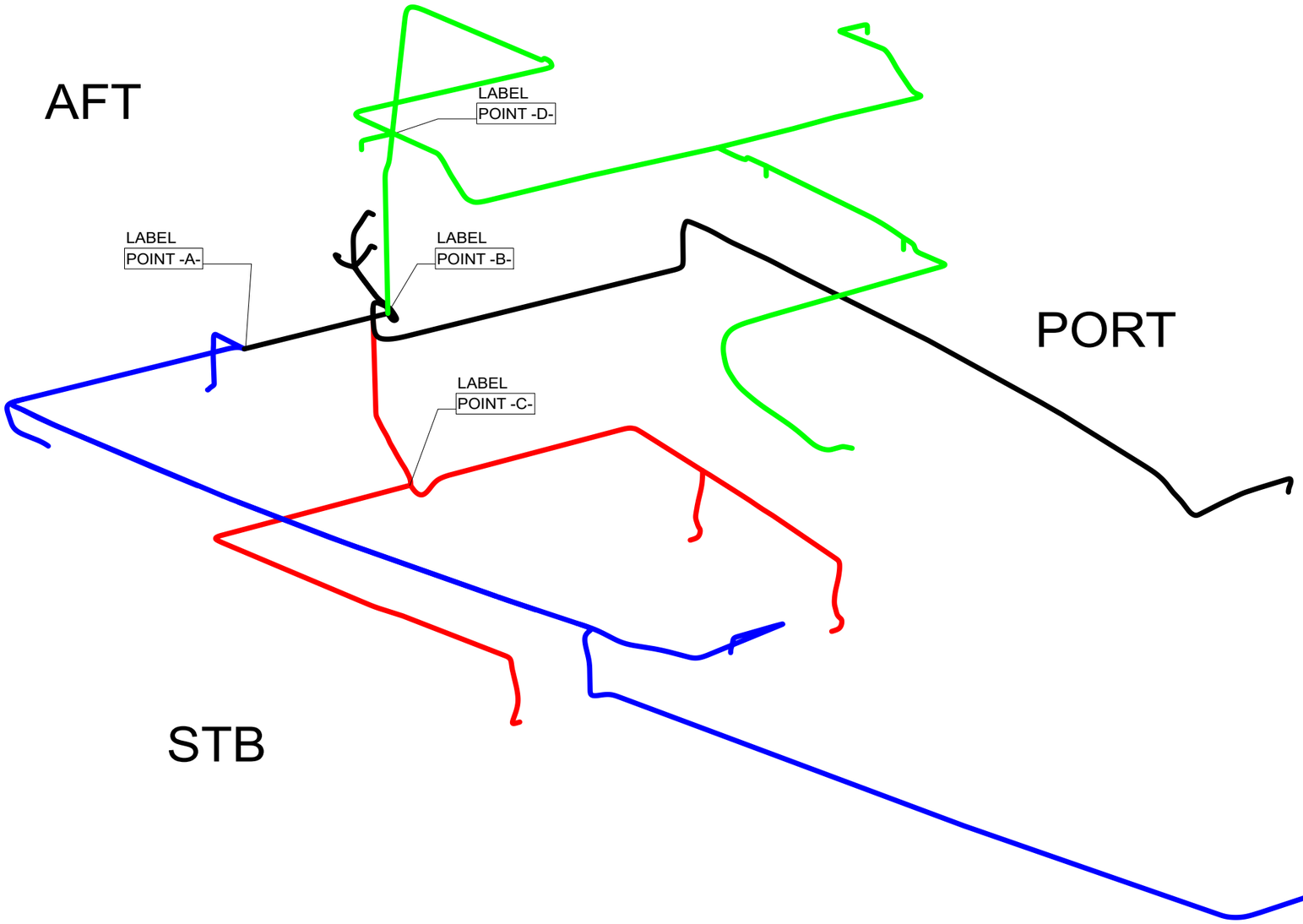
DECK HARNESS - LAYOUT

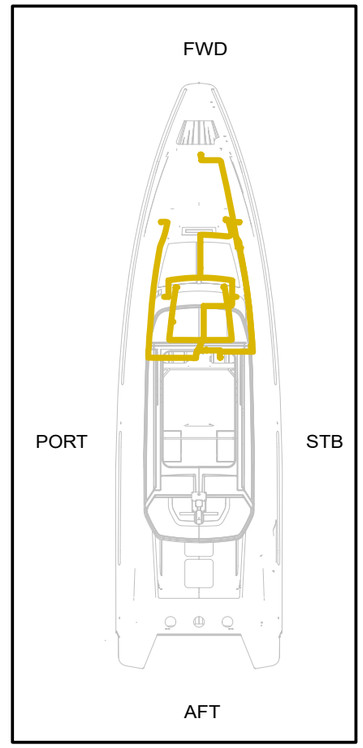




10.10.2023	PF	F22: 2004916; Not modified	Date	2.5.2019	NAVIX designed solutions	Axopar		
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	DECK HARNESS - LAYOUT	HL	6 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

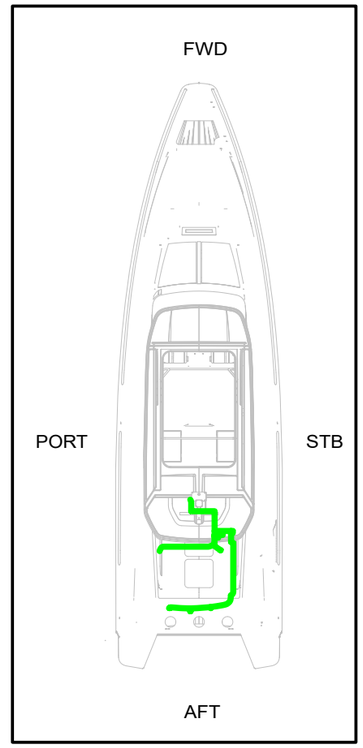
FORE CABIN HARNESS - LAYOUT

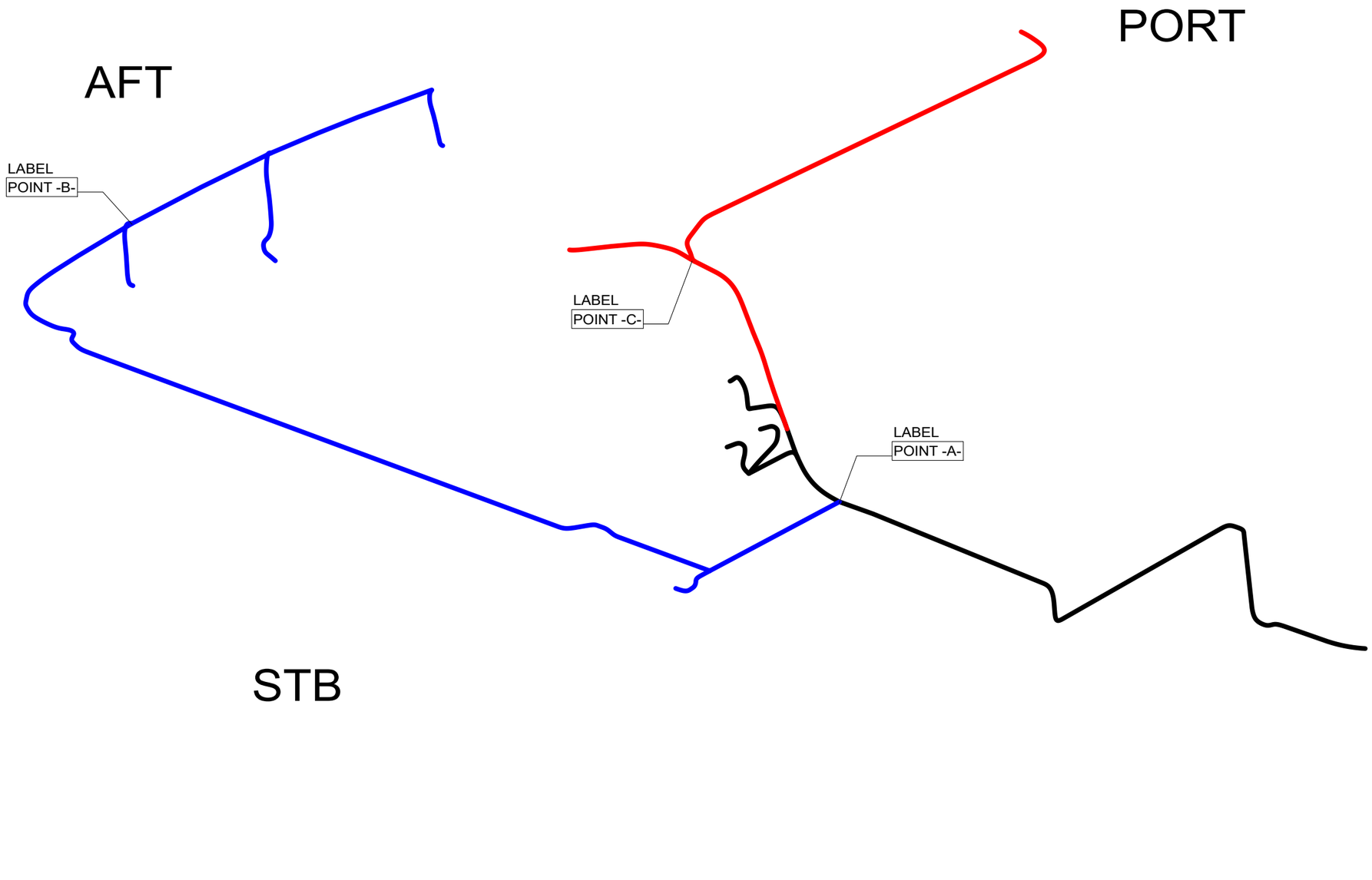




10.10.2023	PF	F22: 2004916; Not modified	Date	14.7.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	FORE CABIN HARNESS LAYOUT	THL	7 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

AFT CABIN HARNESS - LAYOUT

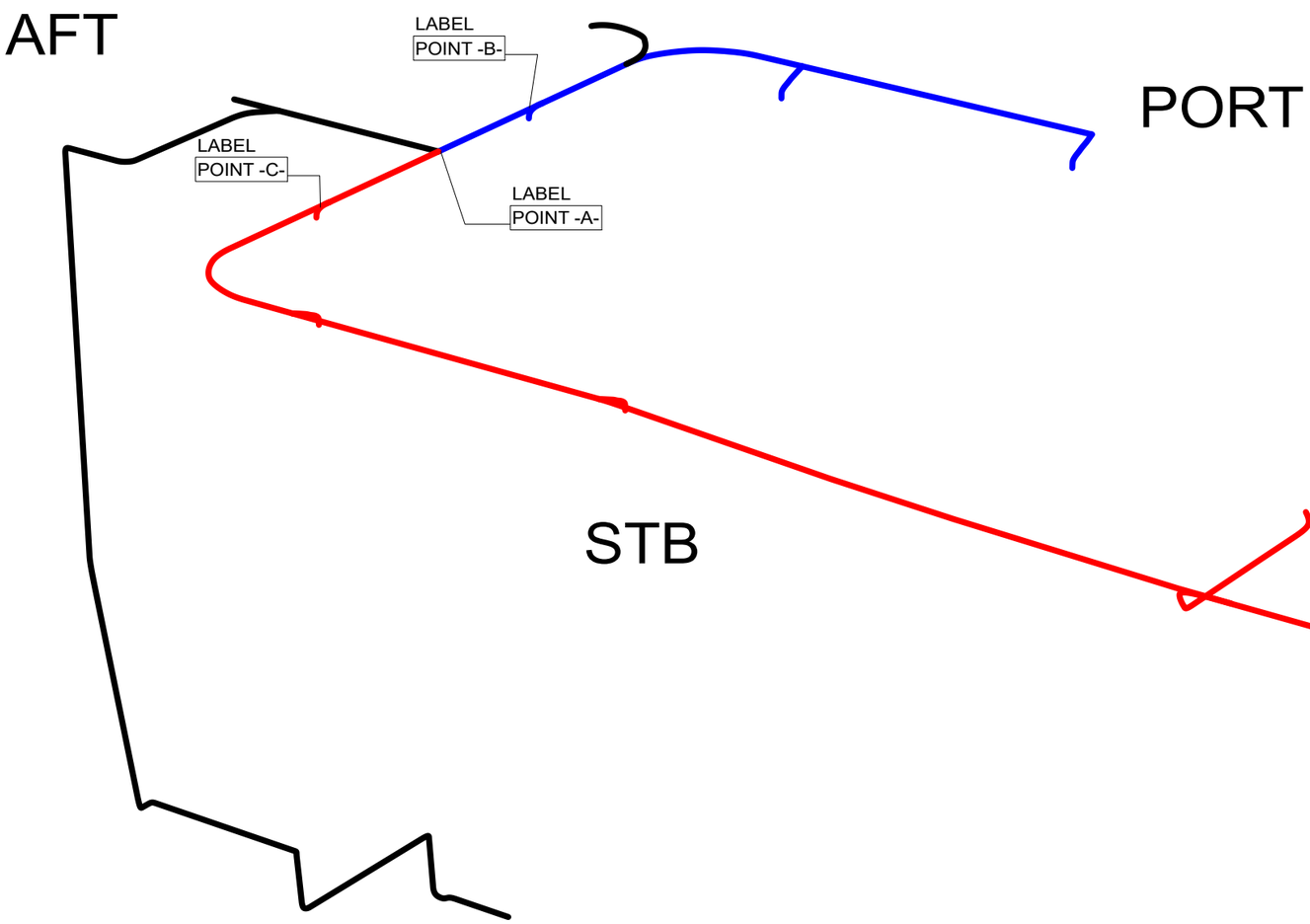


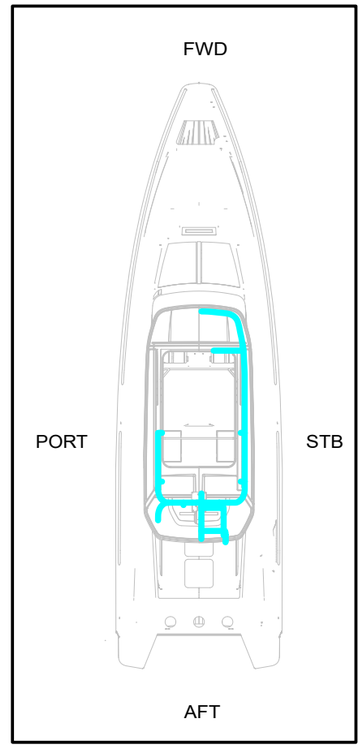


10.10.2023	PF	F22: 2004916; Not modified	Date	2.5.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM					
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	AFT CABIN HARNESS - LAYOUT	HL	8 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

Boat	Sub-product code	Product code	Project ID
Axopar			

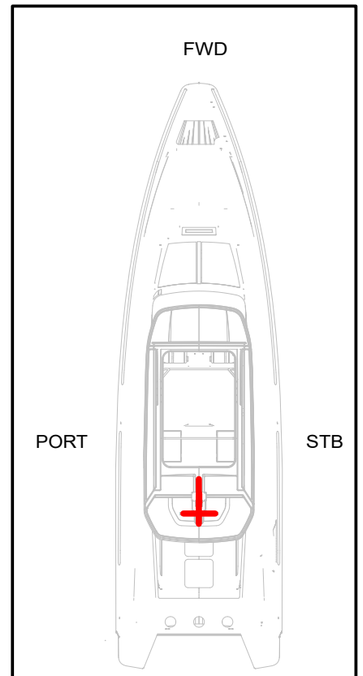
(OPEN/ CABIN) ROOF HARNESS - LAYOUT

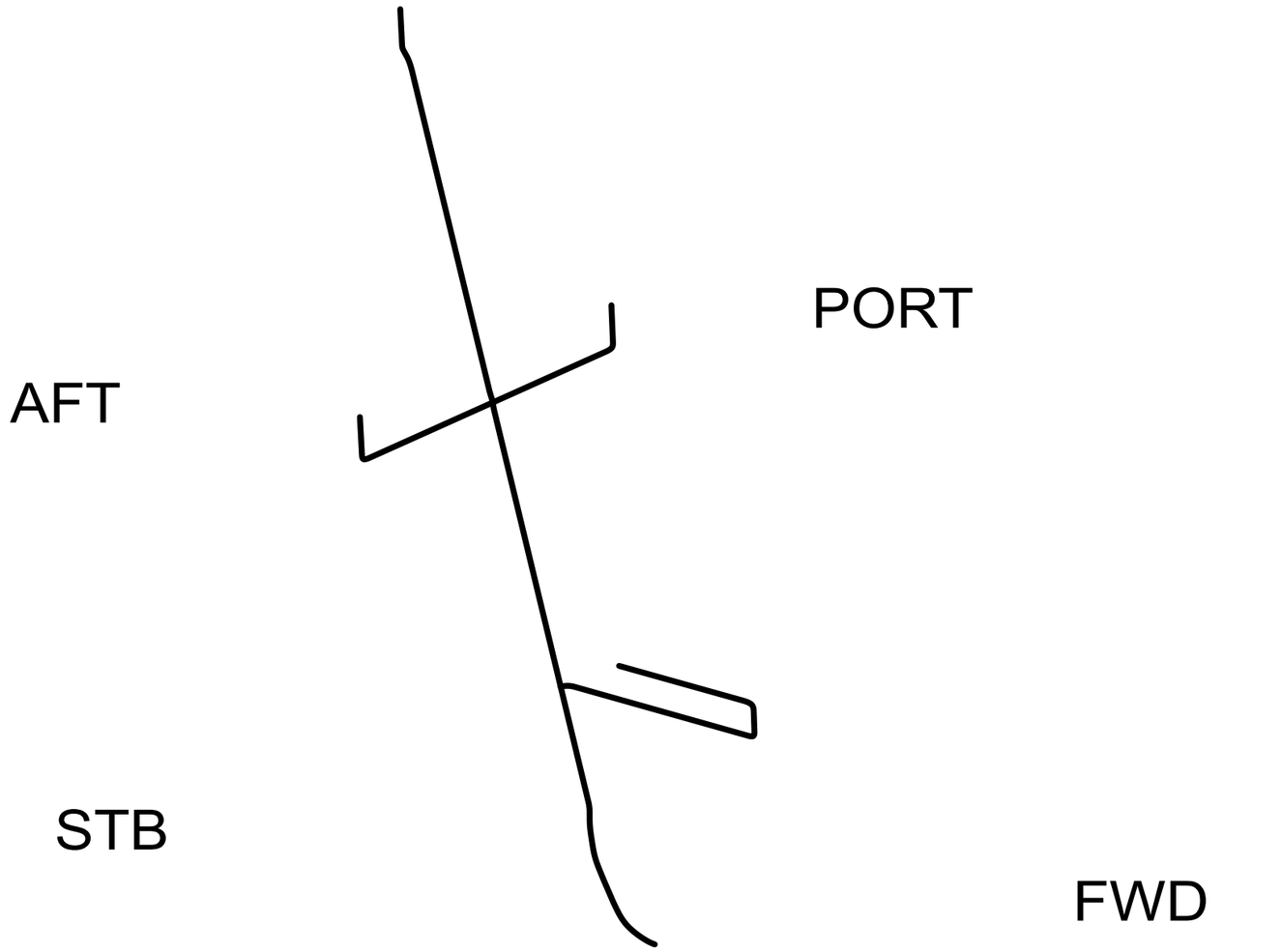




Date of modification	Modified by	Description							
10.10.2023	PF	F22: 2004916; Not modified	Date	14.7.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	ROOF HARNESS - LAYOUT	HL	9 / 210
			Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

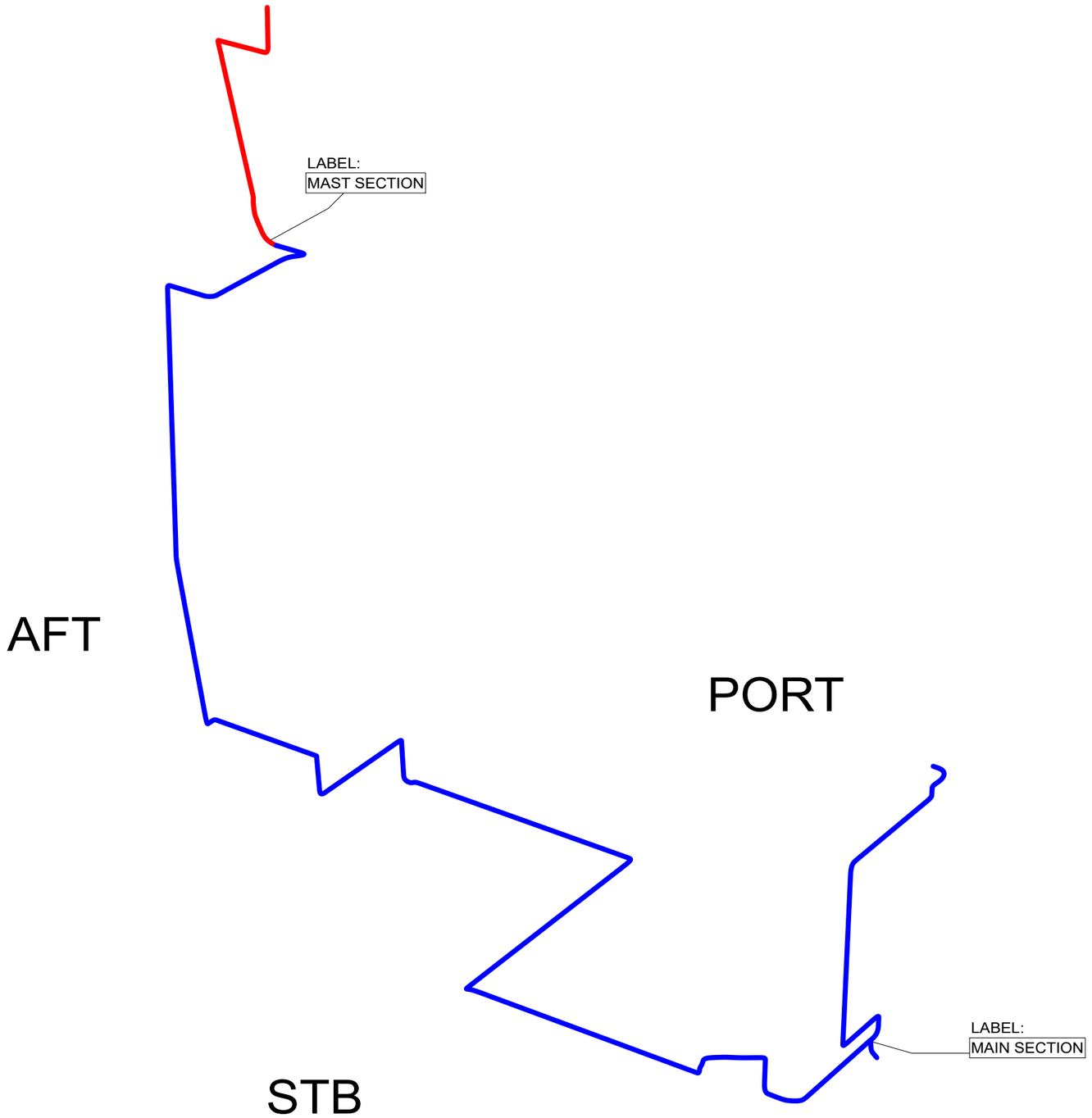
MAST HARNESS - LAYOUT

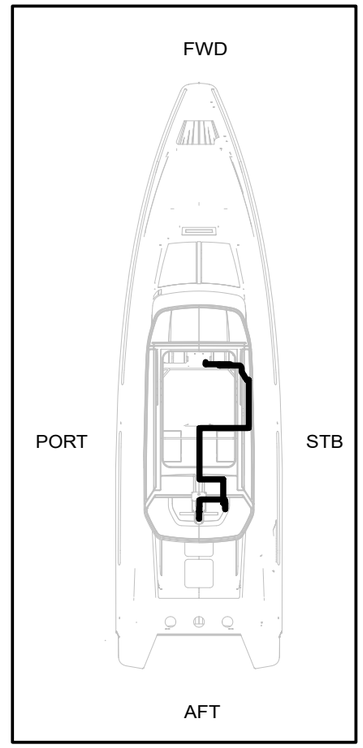




10.10.2023	PF	F22: 2004916; Not modified	Date 14.7.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev. 24		37 MY20	MAST HARNESS - LAYOUT	HL	10 / 210
Date of modification	Modified by	Description	Project rev. G	Copyright by	Boat model	Title	Loc	Sheet

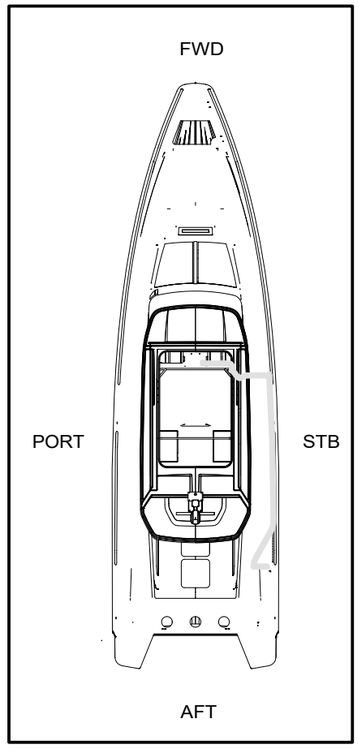
SEARCH LT HARNESS - LAYOUT

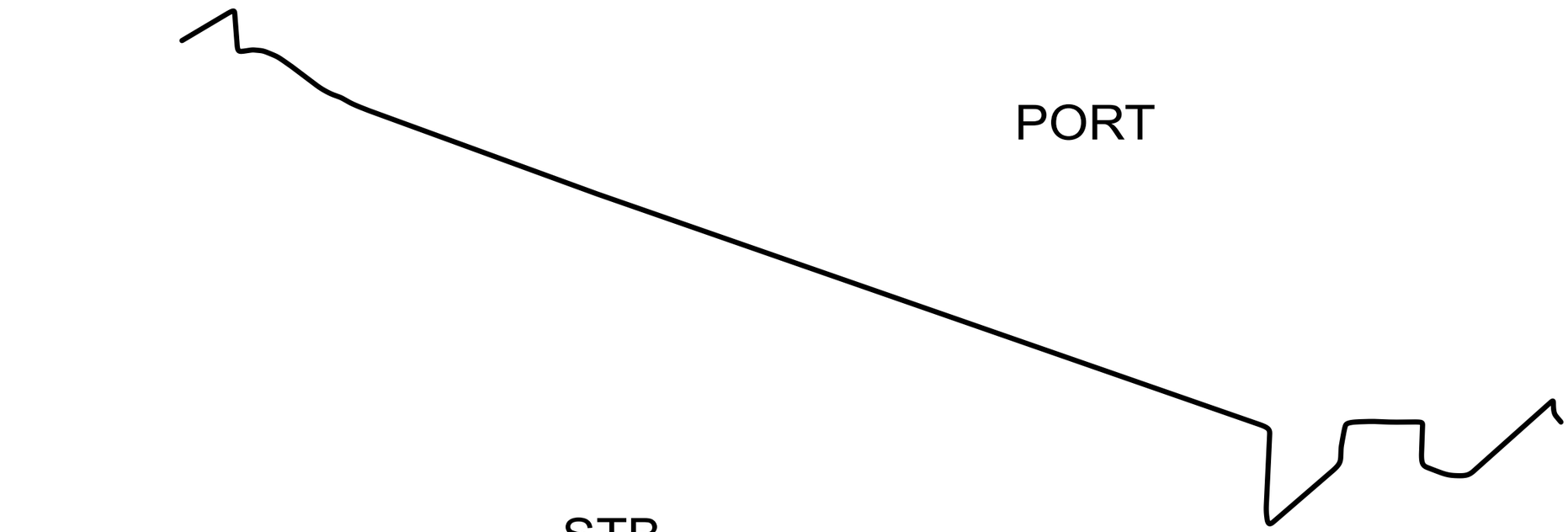




10.10.2023	PF	F22: 2004916; Not modified	Date 14.7.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev. 24		37 MY20	SEARCH LT HARNESS - LAYOUT	HL	11/ 210
Date of modification	Modified by	Description	Project rev. G	Copyright by	Boat model	Title	Loc	Sheet

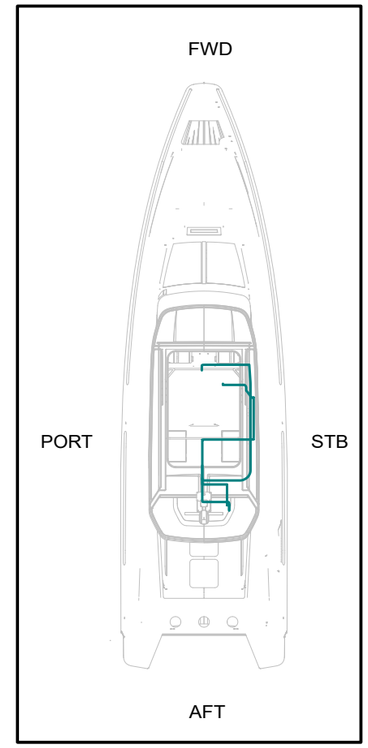
LIVE WELL HARNESS - LAYOUT

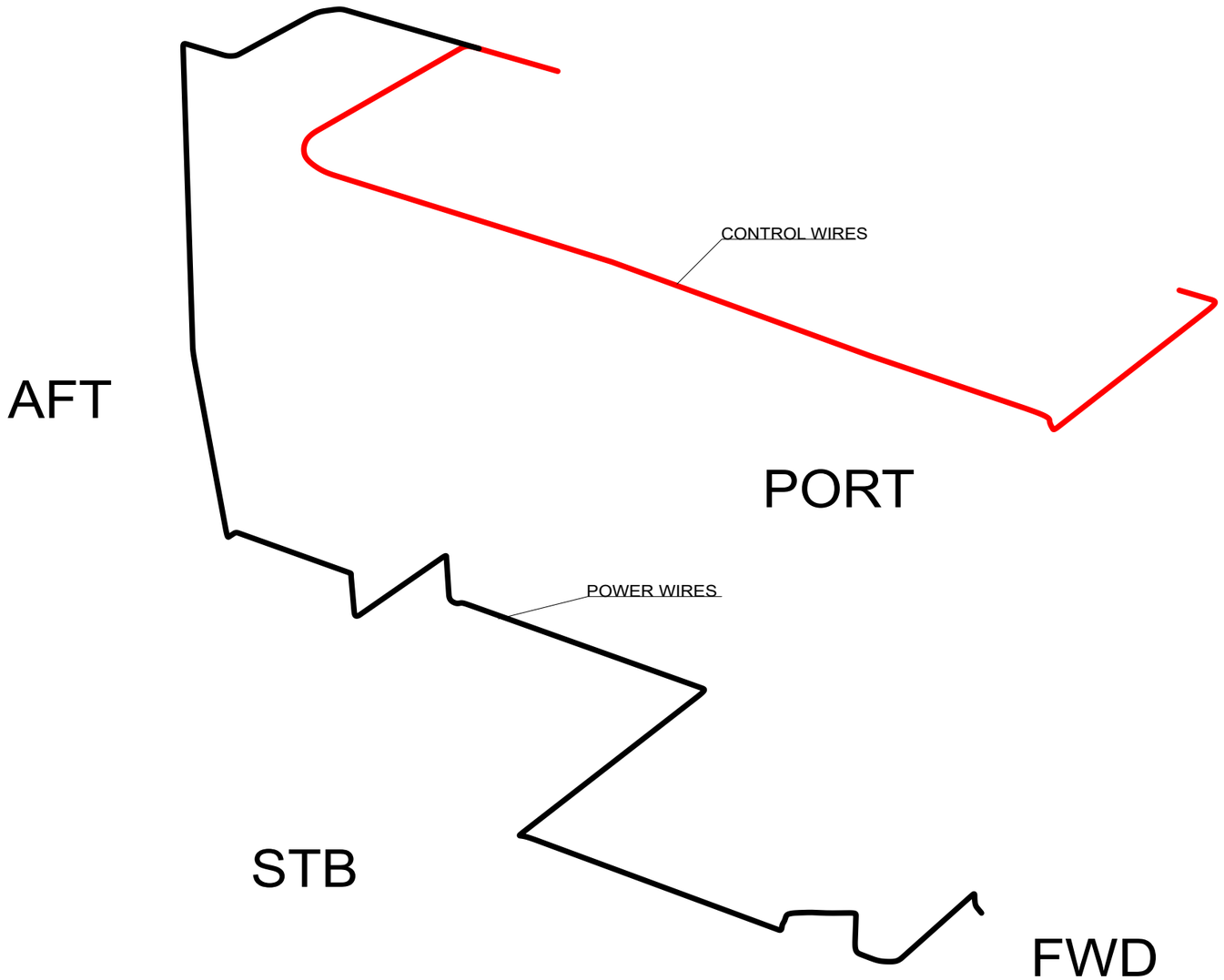




10.10.2023	PF	F22: 2004916; Not modified	Date 14.7.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev. 24		37 MY20	LIVE WELL HARNESS - LAYOUT	HL	12 / 210
Date of modification	Modified by	Description	Project rev. G	Copyright by	Boat model	Title	Loc	Sheet

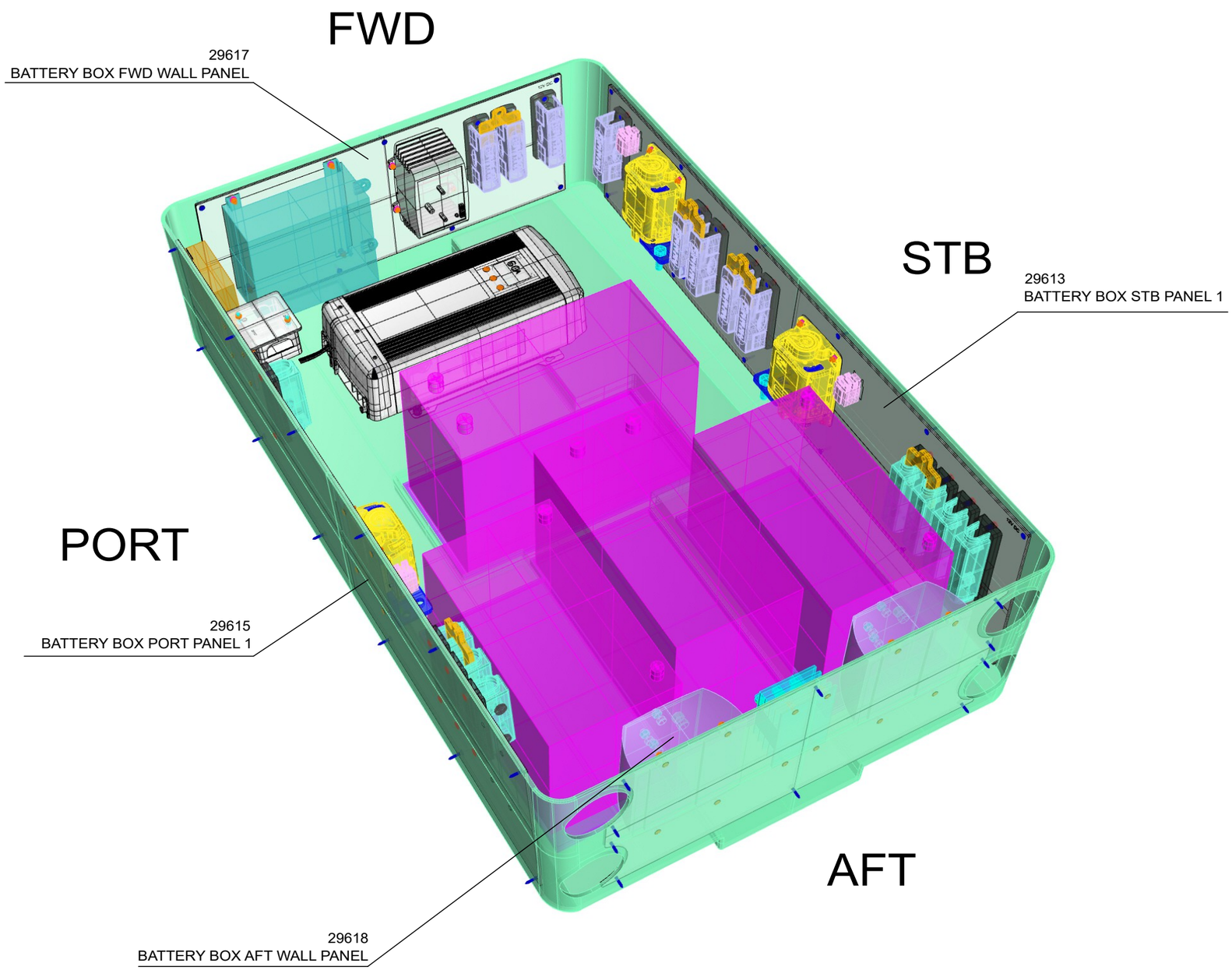
ELECTRICAL ROOF HARNESS - LAYOUT

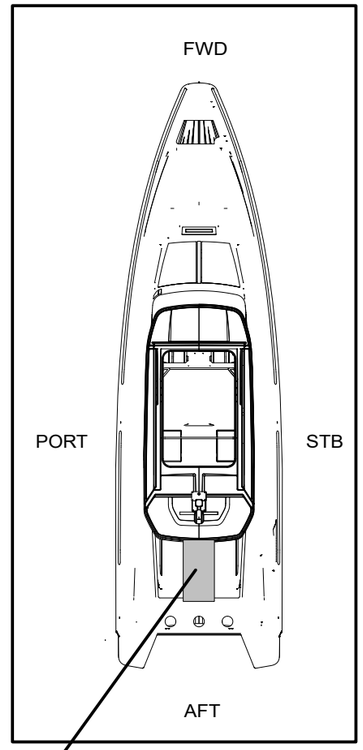




10.10.2023	PF	F22: 2004916; Not modified	Date	14.7.2019	NAVIX designed solutions	Axopar		
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code / Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	ELECTRICAL ROOF HARNESS - LAYOUT	HL / 13 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc / Sheet

BATTERY BOX PANEL LAYOUT



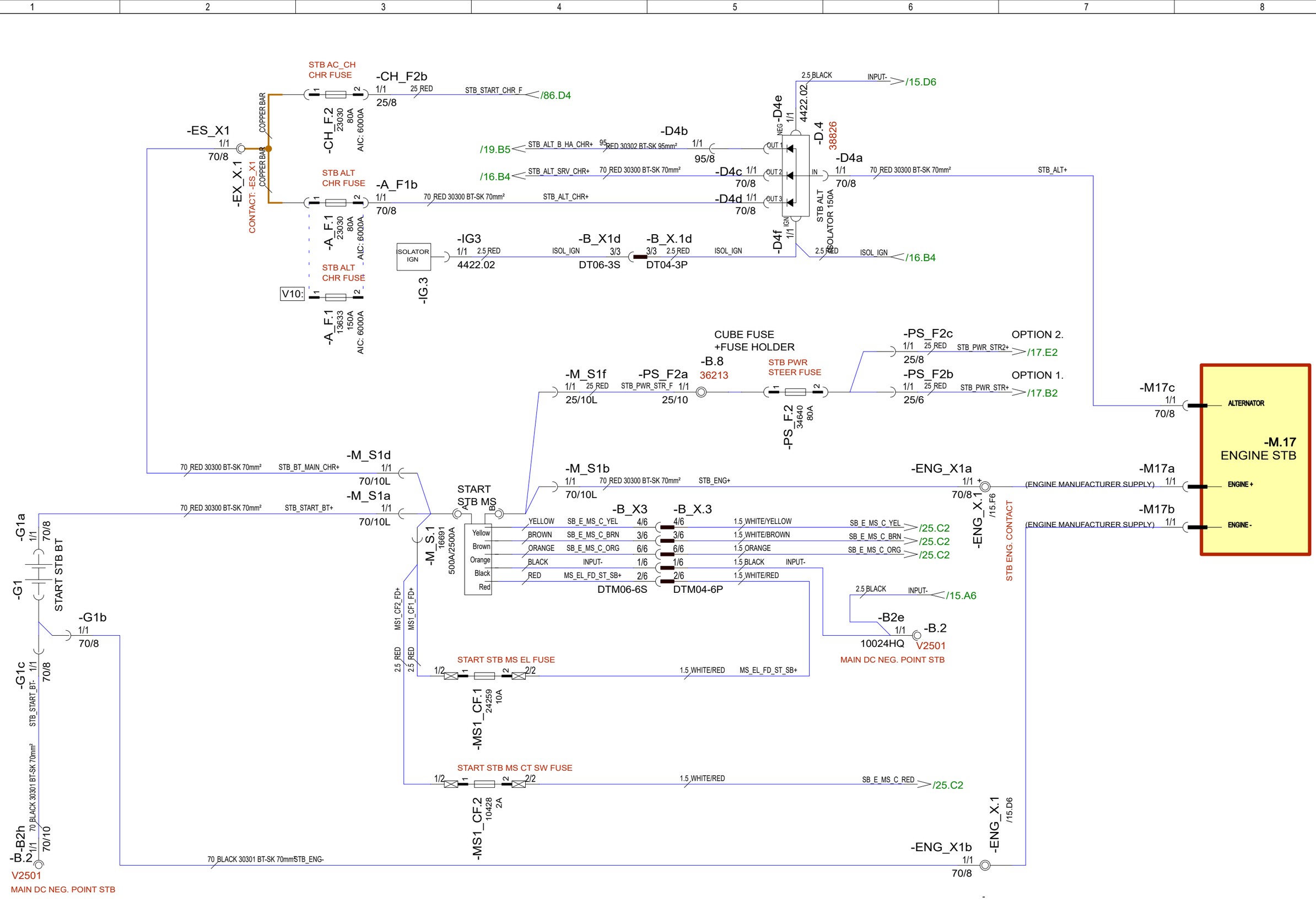


Date of modification	Modified by	Description		
10.10.2023	PF	F22: 2004916; Not modified	Date	11.7.2019
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24
			Project rev.	G

Copyright by

NAVIX designed solutions

Boat	Sub-product code	Product code	Project ID
Axopar			
Boat model	Title	Loc	Sheet
37 MY20	BATTERY BOX - PANEL LAYOUT	HL	14 / 210



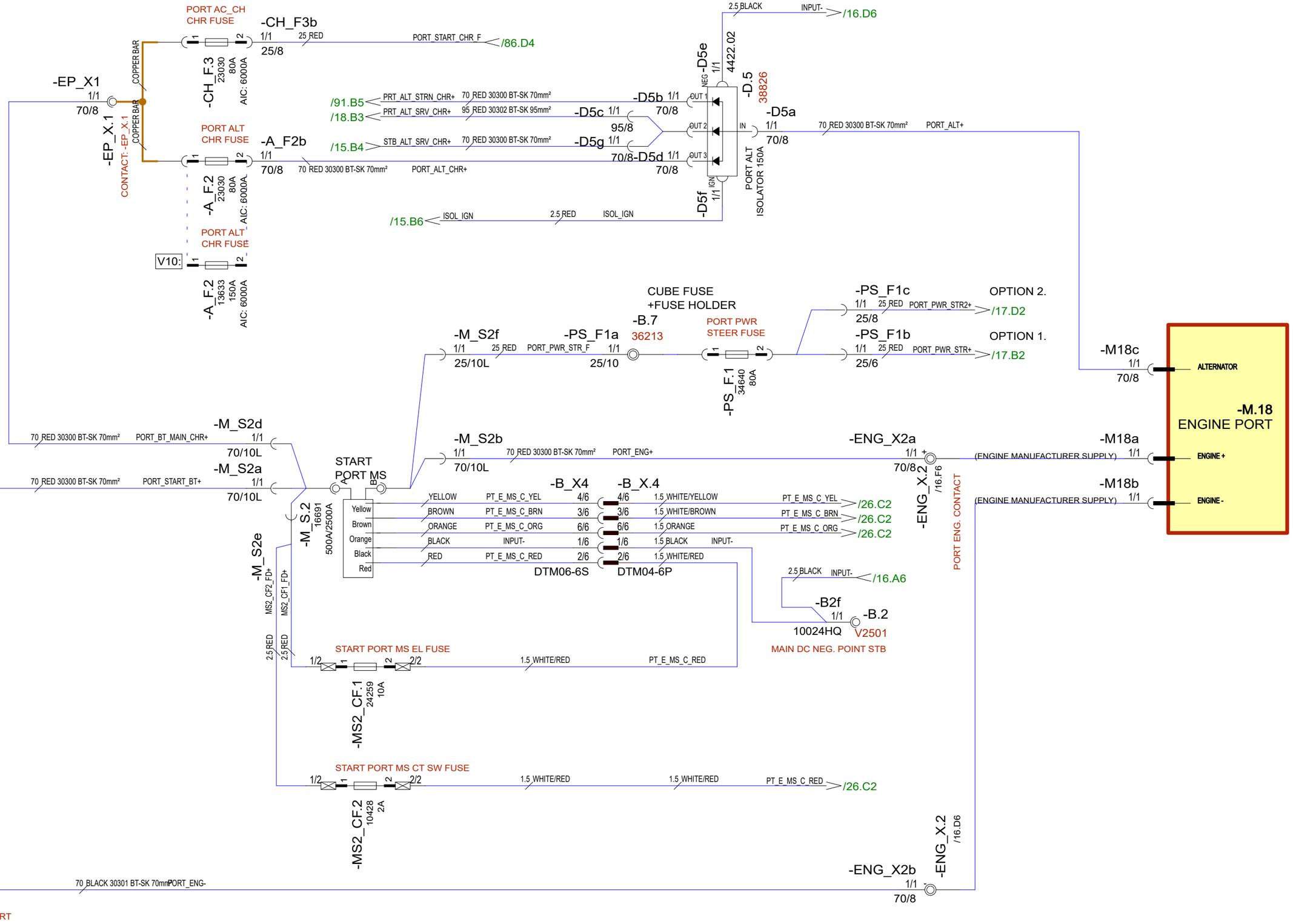
Date of modification	Modified by	Description
10.10.2023	PF	F22: 2004855; V10 update to cables and fusing, isolator
20.2.2024	PF	G23; 2005054; Isolator link to removed (bow th)
18.6.2024	PF	G24: 2005139; Not modified

Date	14.1.2019
Drawing by	TuM
Sheet rev.	24
Project rev.	G

NAVIX designed solutions

Copyright by

Axopar			
Boat	Sub-product code	Product code	Project ID
37 MY20	ENGINE STB - DIAGRAM	HL	15 / 210
Boat model	Title	Loc	Sheet



10.10.2023	PF	F22: 2004855; V10 update to cables and fusing, isolator	Date	14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Isolator link removed->charging to stern batt	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	ENGINE PORT - DIAGRAM	HL	16 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

OPTION 1.
TWIN ENGINE AND SIGLE STEERING PUMP
- STEERING PUMP 1

-D.3
AUTOMATIC POWER SWITCH
23655 Victron BCD 802

/16.C7 PORT_PWR_STR+ 25 RED -D3b 1/1 -D3a 25/6 PRT
/15.C6 STB_PWR_STR+ 25 RED 1/1 25/6 STB
OUT 1/1 25/6 -D3d 25 RED MAIN_PWR_STR_F 1/1 25/10 -B.6 36213 -PS_F.6 34640 80A 1/1 25/6 -PS_F6b 25 RED MAIN_PWR_STR_F 1/1 25/8 -B4a /17.C6

LOCATED IN BATTERY BOX

CUBE FUSE
+FUSE HOLDER

(STEERING PUMP SYSTEM
MANUFACTURER SUPPLY)

-B.4
V04100
60A

-A.2
STEERING PUMP 1
12Vdc Power
+
-
HULL H.

STANDARD

-B.3
-B.2 -B2p 1/1 35/10 35 BLACK MAIN_PWR_STR- -B3b 1/1 35/10 -B3a 1/1 25/10 25 BLACK MAIN_PWR_STR- -B4b 1/1 25/8 -B.4

V2501
MAIN DC NEG. POINT STB

V2501
COM. DC NEG. H.AMP&ST.P.

/17.B6

OPTION 2.
TWIN ENGINE AND TWIN STEERING PUMP
- STEERING PUMP 1 + 2

/16.C7 PORT_PWR_STR2+ 25 RED PORT_PWR_STR2+ -B4c 1/1 25/8

/15.C6 STB_PWR_STR2+ 25 RED STB_PWR_STR2+ 25 RED STB_PWR_STR2+ -B.5 V04100 -B5a 1/1 25/8 /17.E6 60A

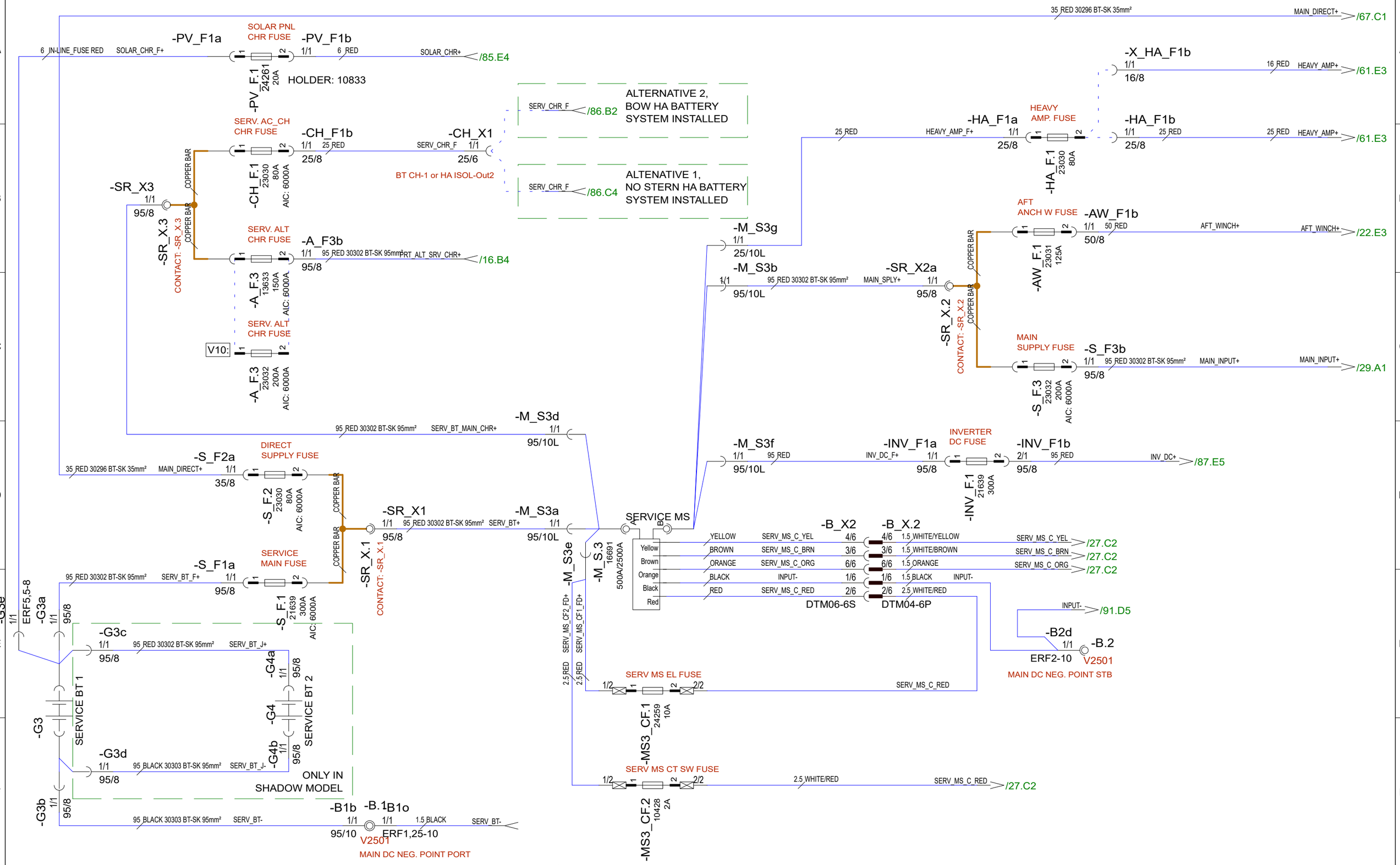
(STEERING PUMP SYSTEM
MANUFACTURER SUPPLY)

-A.84
STEERING PUMP 2
12Vdc Power
+
-
HULL H.

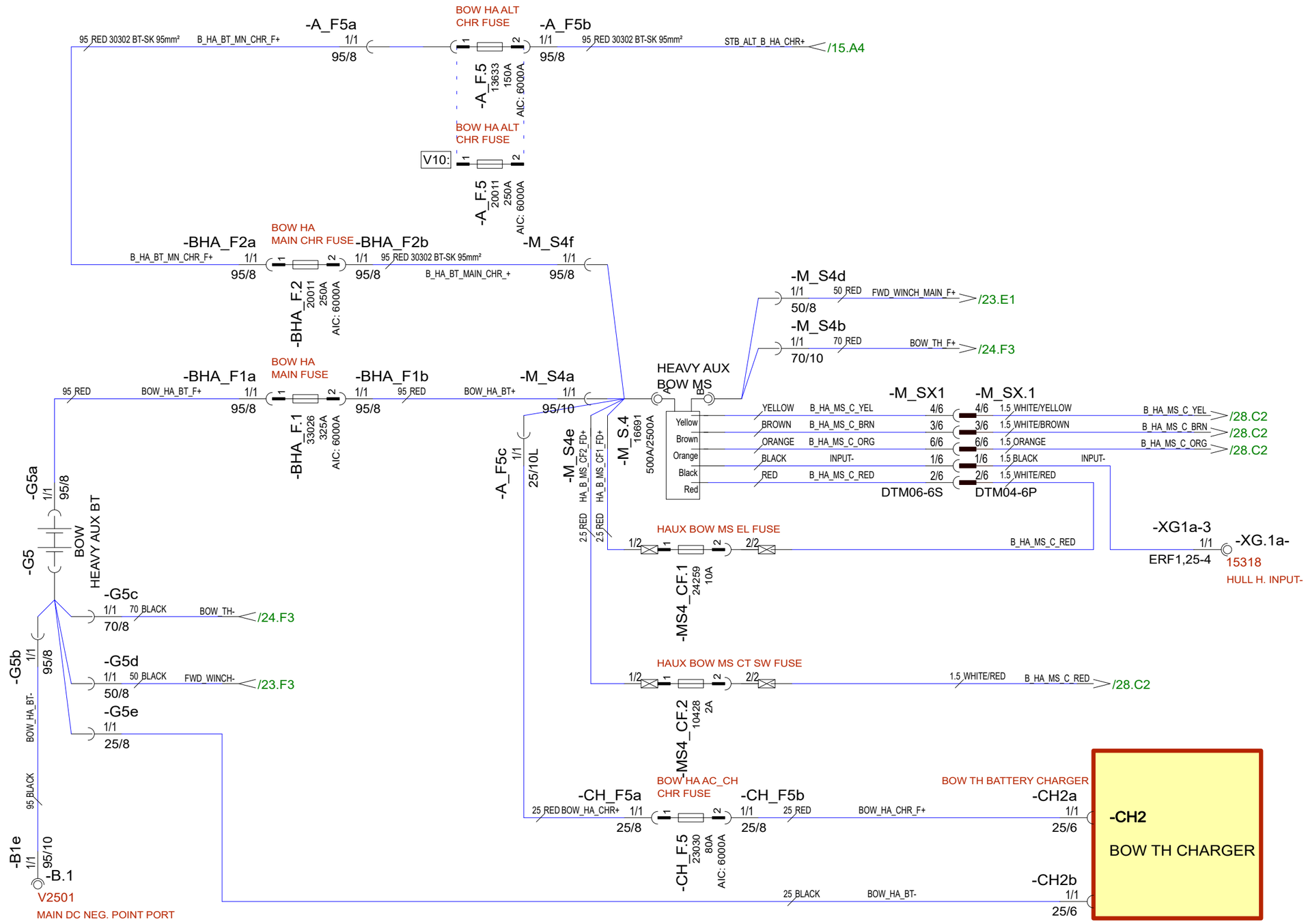
-B.3 -B3c 1/1 25/10 25 BLACK MAIN_PWR_STR2- -B.5 -B5b 1/1 25/8 /17.E6

V2501
COM. DC NEG. H.AMP&ST.P.

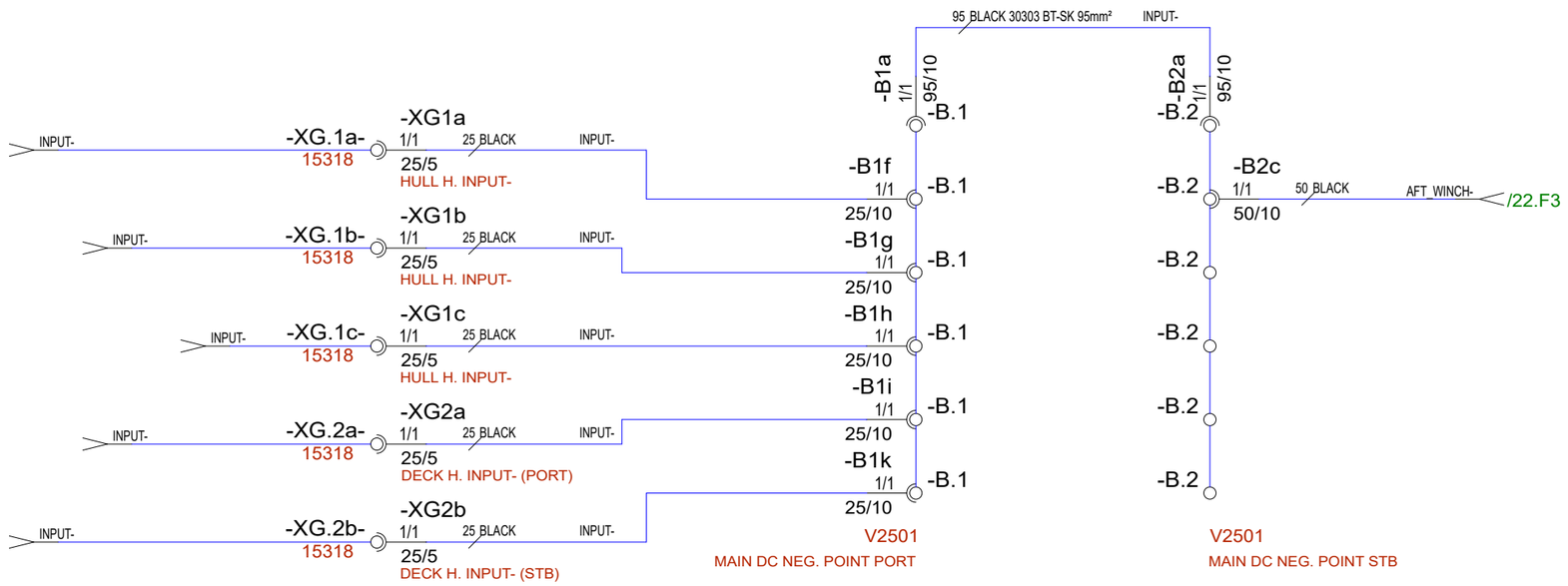
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	POWER STEER - DIAGRAM	HL	17 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

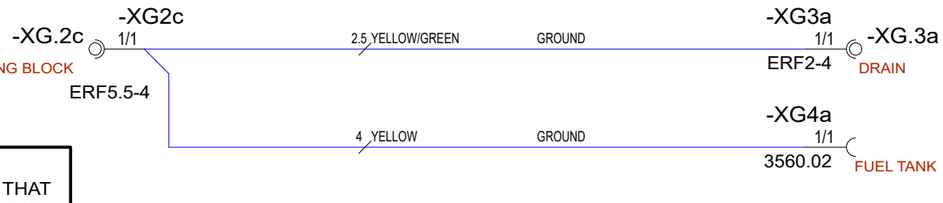


10.10.2023	PF	F22: 2004855; V10 update to cables and fusing	Date	14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Service bt 3 added, inverter cables ->95mm2 & fuse 300A	Sheet rev.	24		37 MY20	SERVICE - DIAGRAM	HL	18 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

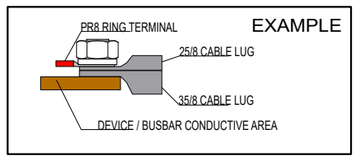


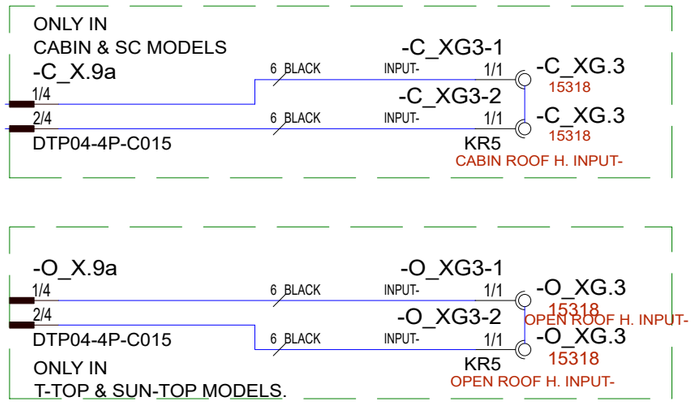
10.10.2023	PF	F22: 2004855; V10 update to cables and fusing	Date	14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Removed std chrgr, added cables for dedicated bow chrgr	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	HEAVY AUX BOW - DIAGRAM	HL	19 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet





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

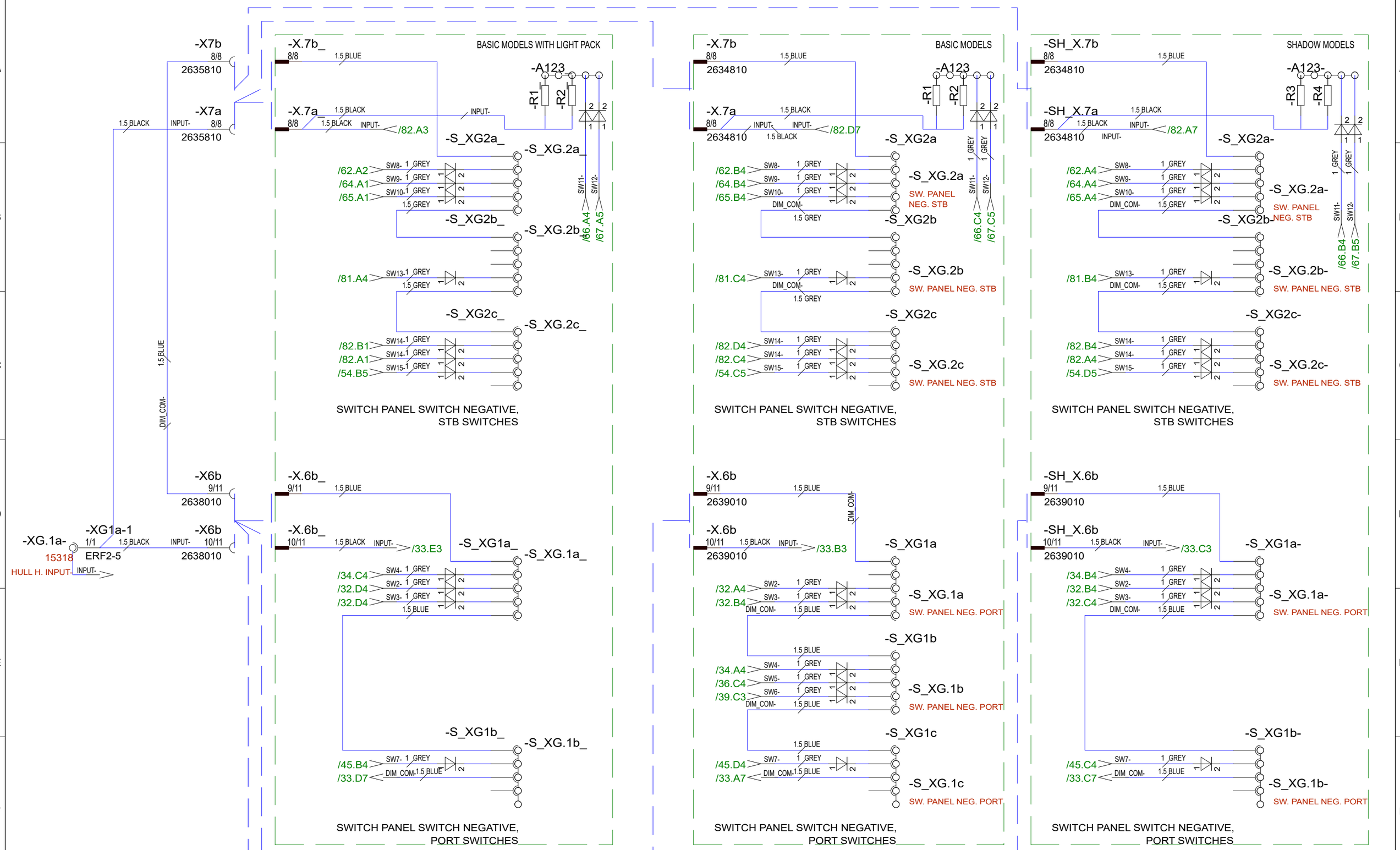




Date of modification	Modified by	Description		
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24
			Project rev.	G

NAVIX designed solutions
Copyright by

Boat	Sub-product code	Product code	Project ID
Axopar			
Boat model	**Title**	**Loc**	**Sheet**
37 MY20	MAIN DC NEGATIVE POINT - DIAGRAM	HL	20 / 210

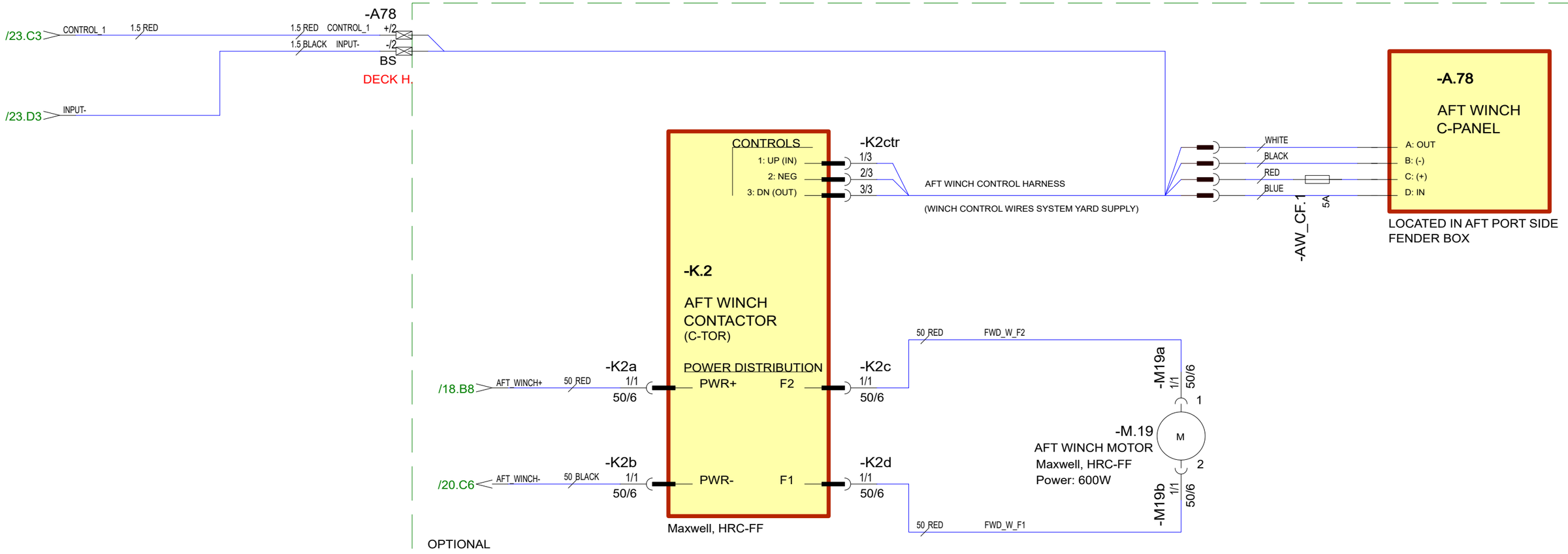


Date of modification	Modified by	Description		
10.10.2023	PF	F22: 2004916; Added dimmer and diodes	Date	14.1.2019
20.2.2024	PF	G23; 2005054; LP version of swp added	Drawing by	TuM
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24
			Project rev.	G

NAVIX designed solutions

Copyright by

Boat	Sub-product code	Product code	Project ID
Axopar			
Boat model	**Title**	**Loc**	**Sheet**
37 MY20	SWITCH PANEL INPUT- - DIAGRAM	HL	21/ 210



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	AFT WINCH - DIAGRAM	HL	22 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

-A.22

REMOTE CONTROLLER

VETUS, WRCKF

-A.52

WIRELESS RECEIVER

VETUS, WRCBS

X1, THRUSTER

1 BLUE (STB)
2 RED (+)
3 BLACK (-)
4 WHITE (PORT)

BOW THRUSER CONTROL HARNESS

(THRUSTER/WINCH CONTROL WIRES SYSTEM YARD SUPPLY)

B_TH_CTRL /24.D4

X2, WINCH

1 BLUE (IN)
2 RED (+)
3 BLACK (-)
4 WHITE (OUT)

(THRUSTER/WINCH CONTROL WIRES SYSTEM YARD SUPPLY)

-A.51

FWD WINCH C-PANEL

WHITE A: OUT
BLACK B: (-)
RED C: (+)
BLUE D: IN

5A

-BW_CF.1

LOCATED IN BOW, NEAR OF WINCH

FWD WINCH CONTROL HARNESS

(THRUSTER/WINCH CONTROL WIRES SYSTEM YARD SUPPLY)

USED IN EU VERSION MODELS

-E_X.2f 1.5 RED CONTROL_1 9/11 2639010
-F10-- INPUT+ 1 CONTROL 1 1 2 2
-F10-- 1.5 RED CONTROL_1 5/11 -E_X.2d 2639010
-F.10-- 88-10-A1B14-A00 10A

USED IN BASIC MODELS

-X.2f 1.5 RED CONTROL_1 9/11 2639010
-F10 INPUT+ 1 CONTROL 1 1 2 2 -F10
1.5 RED CONTROL_1 5/11 -X.2d 2639010
-F.10 23806 10A AIC: 2500A

-X2f 9/11 1.5 RED CONTROL_1 /22.C1 2638010
-X2d 5/11 1.5 RED CONTROL_1 -A75 +/2 -A.75 +/2 2638010
-A75 -/2 -A.75 -/2 1.5 BLACK INPUT- /22.D1 INPUT-
HULL H.

USED IN SHADOW MODELS

-SH_X.2f 1.5 RED CONTROL_1 9/11 2639010
-F10- INPUT+ 1 CONTROL 1 1 2 2 -F10-
1.5 RED CONTROL_1 5/11 -SH_X.2d 2639010
-F.10- 23806 10A AIC: 2500A

-XG.1a- 15318 -XG1a-14 1/1 ERF1,25-4 HULL H. INPUT-

OPTIONAL

/19.C5 FWD_WINCH_MAIN_F+ 50 RED -BW_F2a 1/1 50/8
BOW WINCH MAIN FUSE
-BW_F.2 23031 125A
-BW_F2b 1/1 50 RED FWD_WINCH_F+ 50/8
-BW_F1a 1/1 50/6
BOW WINCH CB
-BW_F.1 80A
-BW_F1b 1/1 50 RED FWD_WINCH+ 50/6
(WINCH SYSTEM MANUFACTURER SUPPLY)
-K1a 1/1 50/6

CONTROLS
1: UP (IN)
2: NEG
3: DN (OUT)

-K1ctr 1/3 2/3 3/3

-K.1

FWD WINCH CONTACTOR (C-TOR)

POWER DISTRIBUTION
PWR+ F2
PWR- F1

-K1c 1/1
-K1b 1/1 50/6
-K1d 1/1

(WINCH SYSTEM MANUFACTURER SUPPLY)

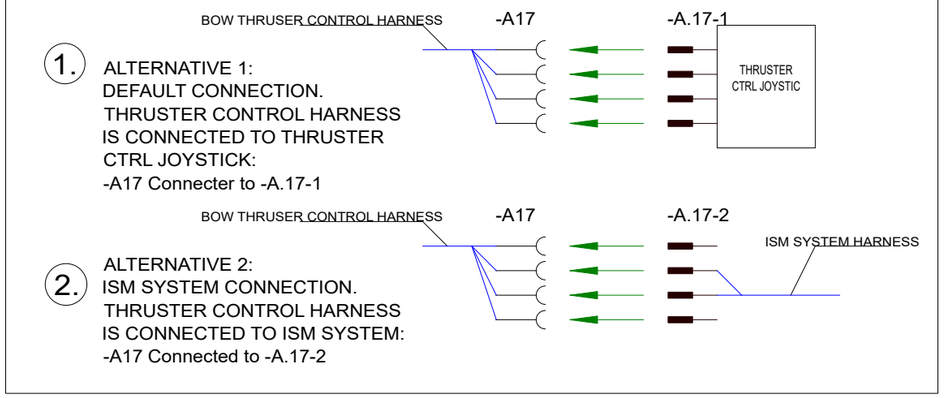
-M14a 1/1 1
-M.14 FWD WINCH MOTOR M
2 -M14b 1/1

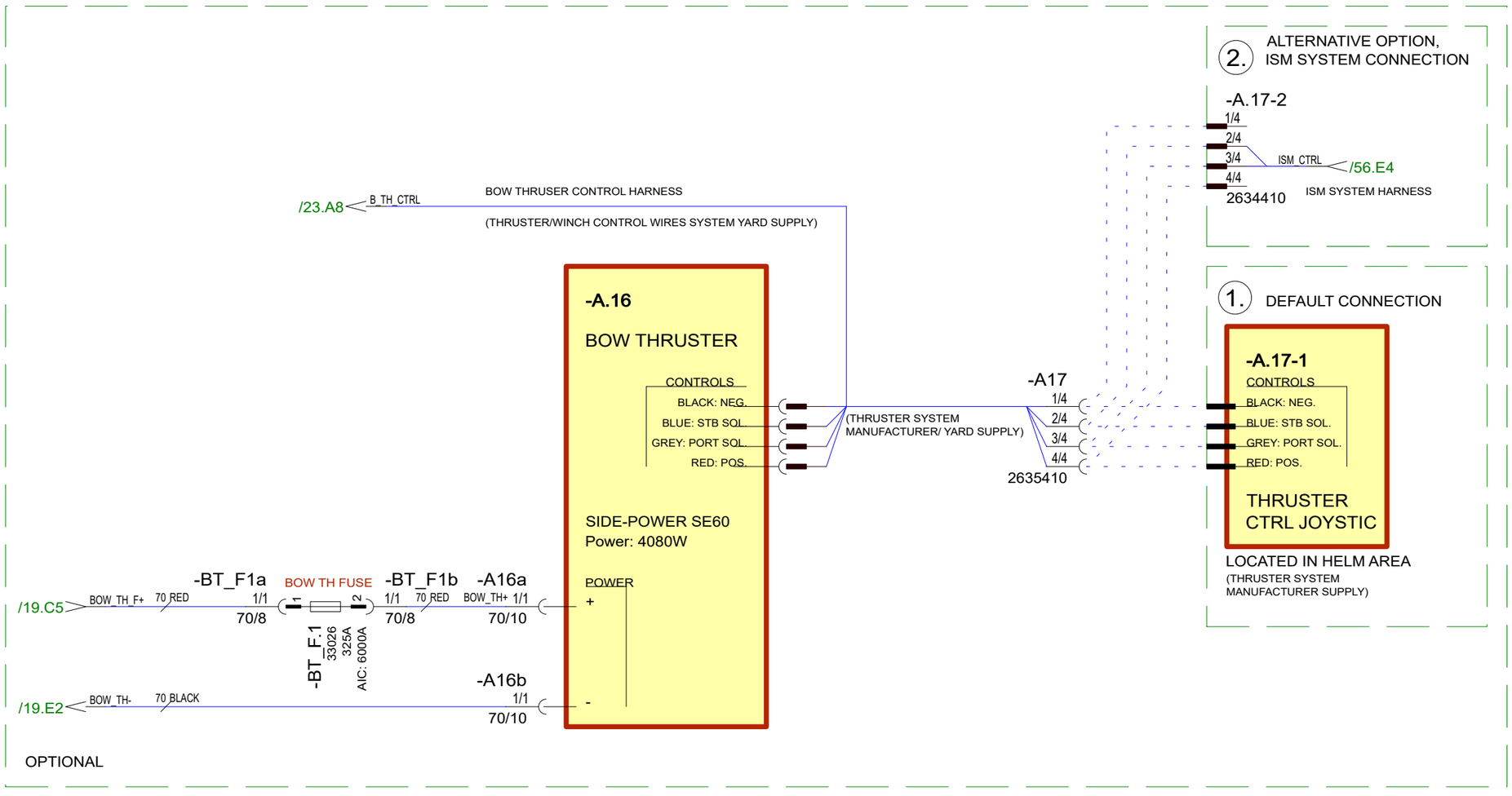
(WINCH SYSTEM MANUFACTURER SUPPLY)

/19.E2 FWD_WINCH- 50 BLACK FWD_WINCH-

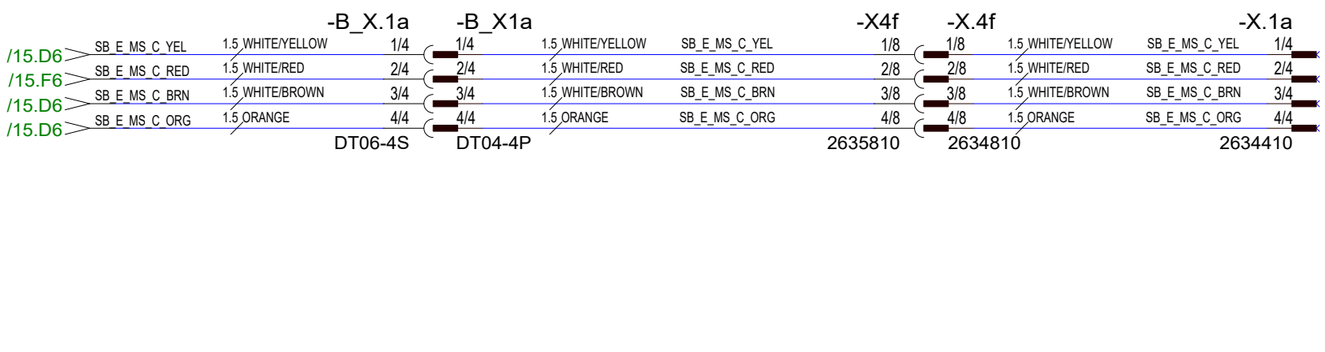
Date of modification	Modified by	Description						
10.10.2023	PF	F22: 2004916; Winch fuse ->125A, cables ->50m2	Date	14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified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

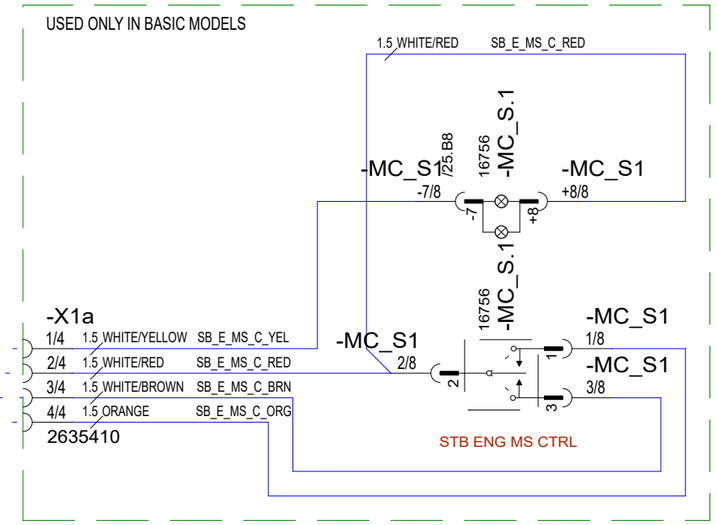
BOW THRUSTER CONTROL ALTERNATIVES:

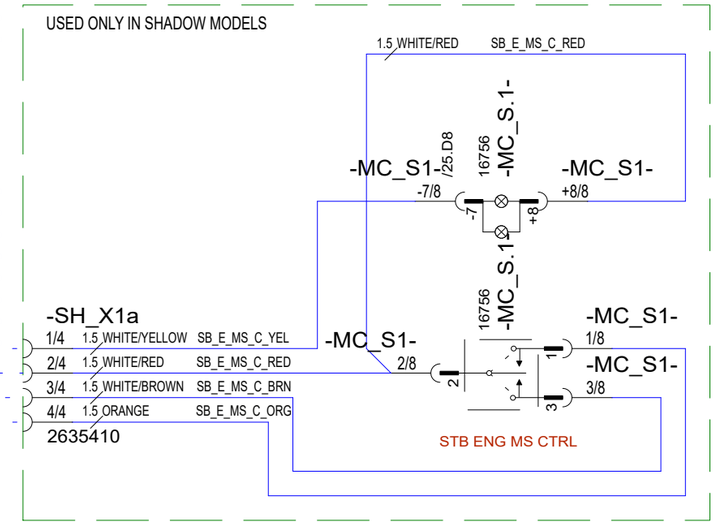




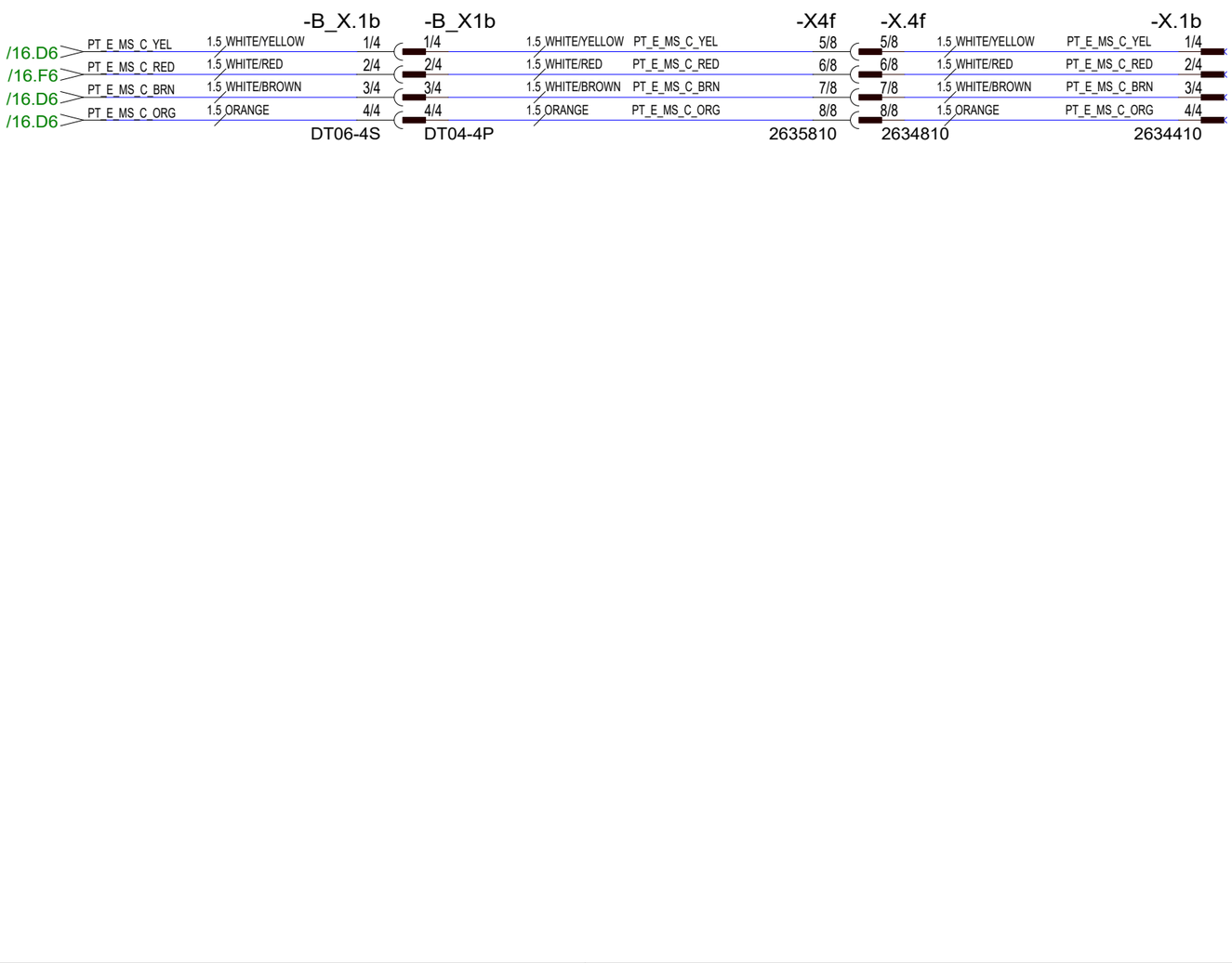
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	BOW THRUSTER - DIAGRAM	HL	24 / 210
Date of modification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

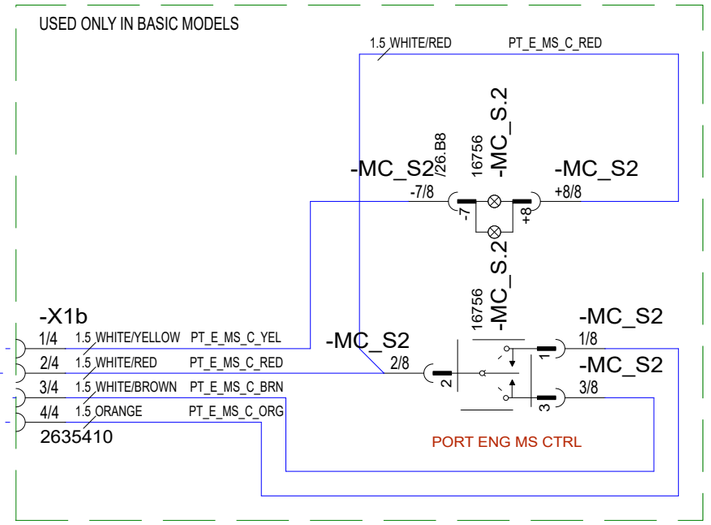


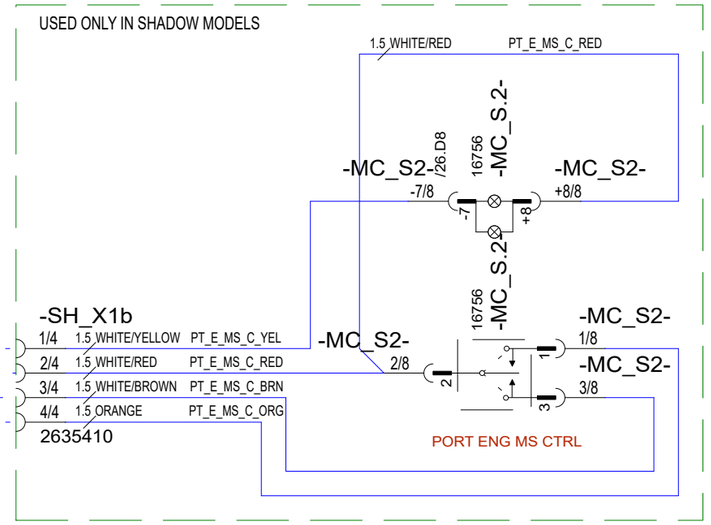




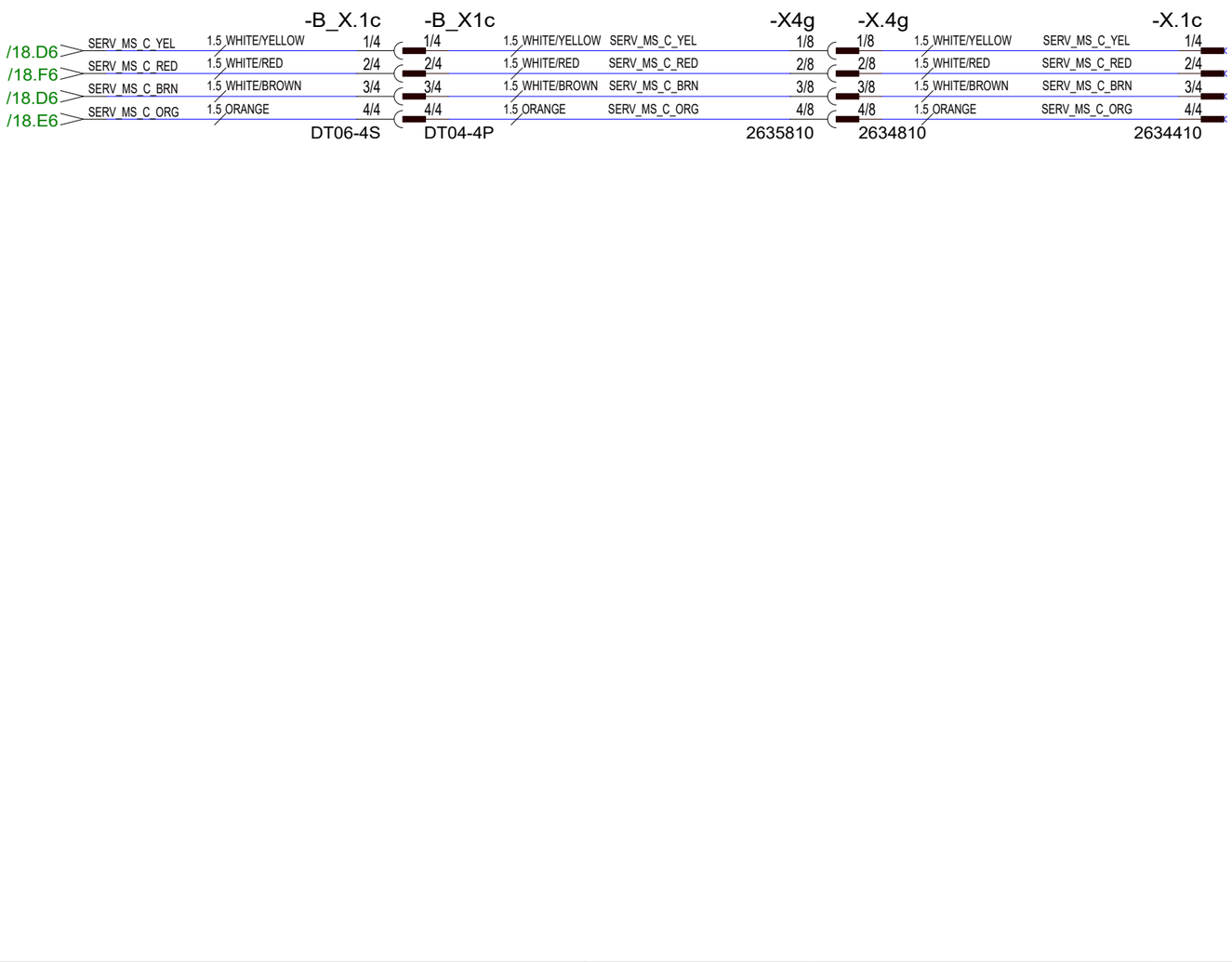
10.10.2023	PF	F22: 2004916; Not modified	Date 14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev. 24		37 MY20	MAIN SWITCH CTRL SW START STB - DIAGRAM	HL	25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

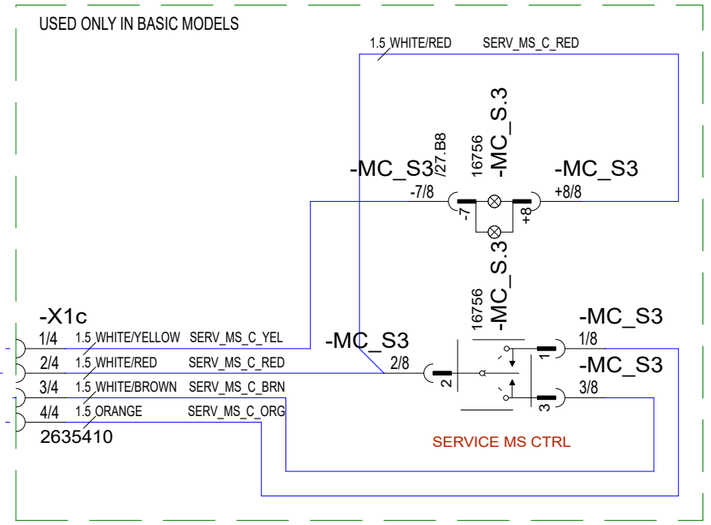


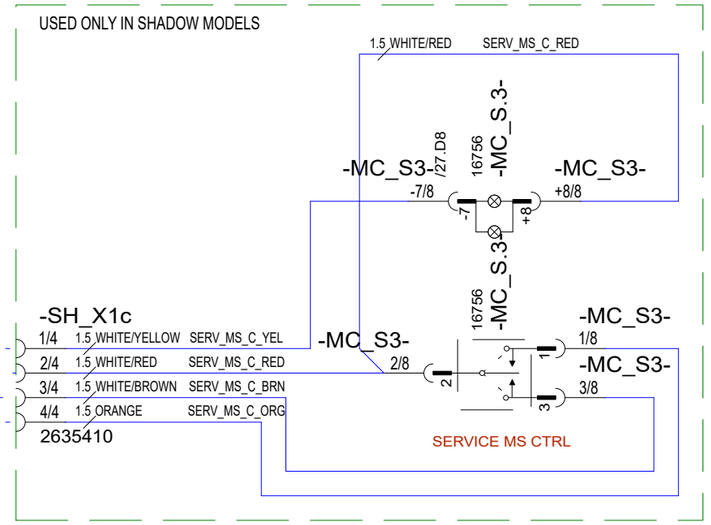




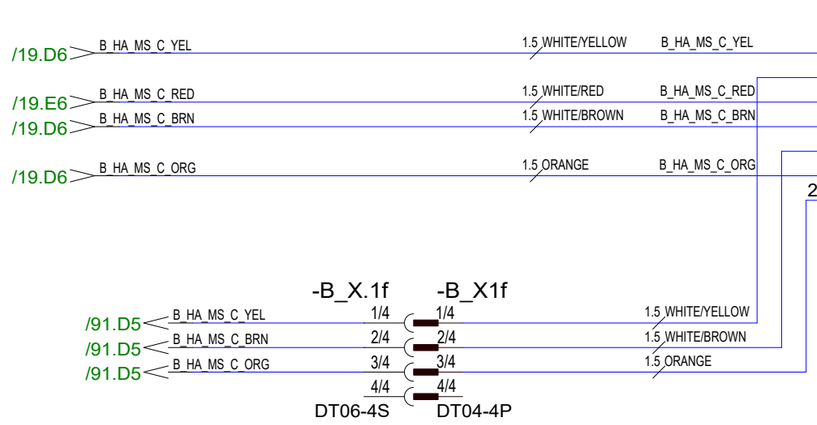
10.10.2023	PF	F22: 2004916; Not modified	Date 16.4.2020	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev. 24		37 MY20	MAIN SWITCH CTRL SW START PORT - DIAGRAM	HL	26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

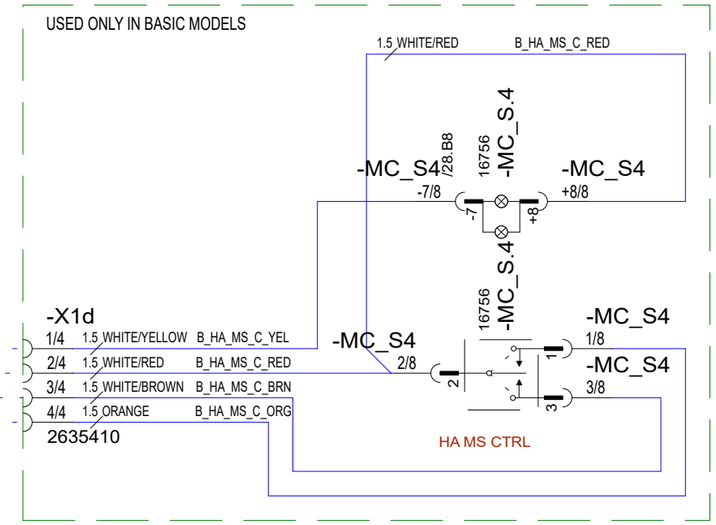


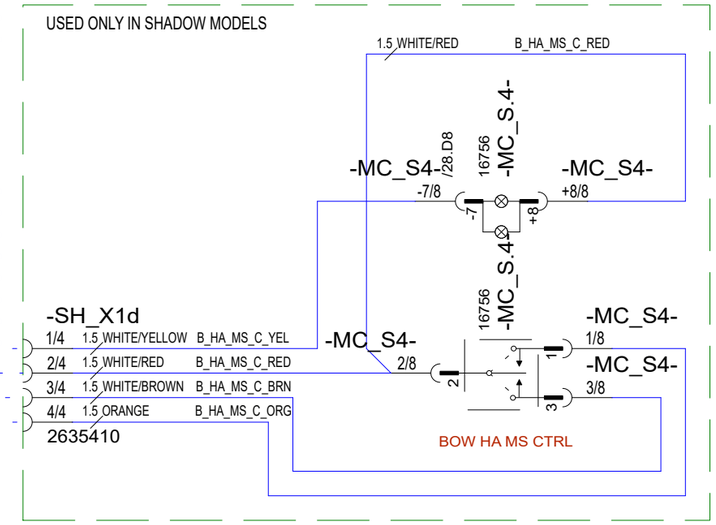




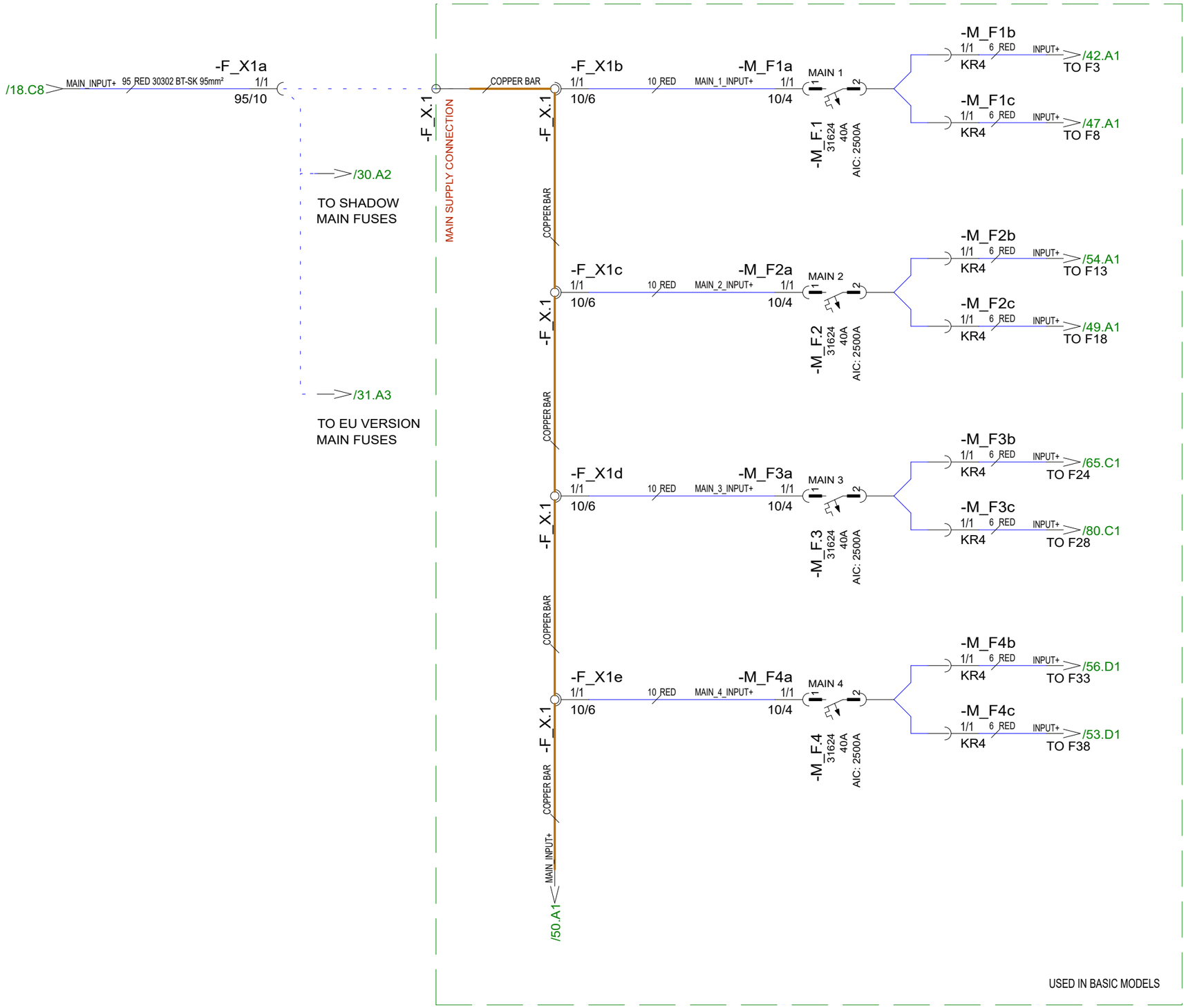
10.10.2023	PF	F22: 2004916; Not modified	Date 14.5.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev. 24		37 MY20	MAIN SWITCH CTRL SW SERVICE - DIAGRAM	HL	27 /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



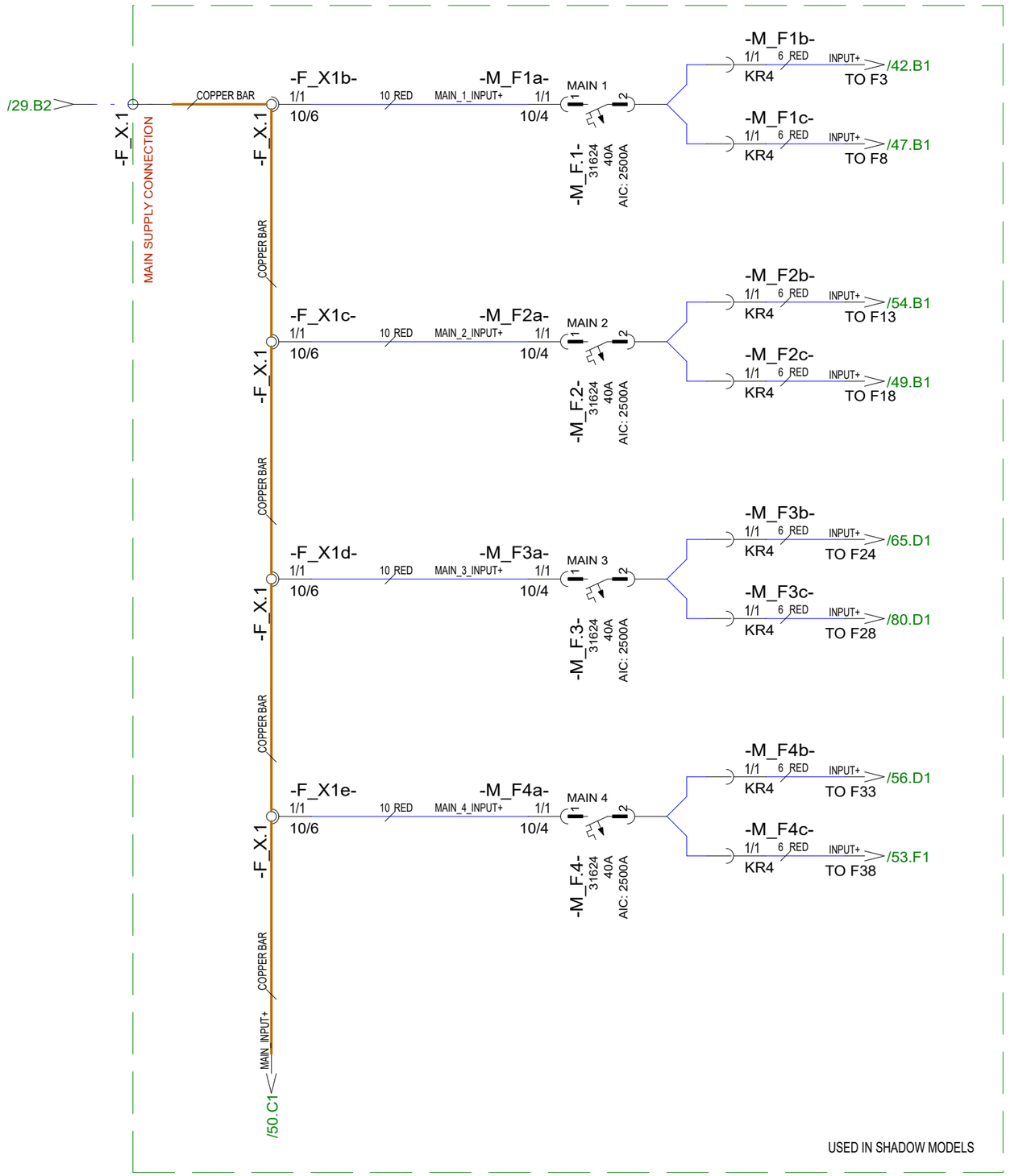




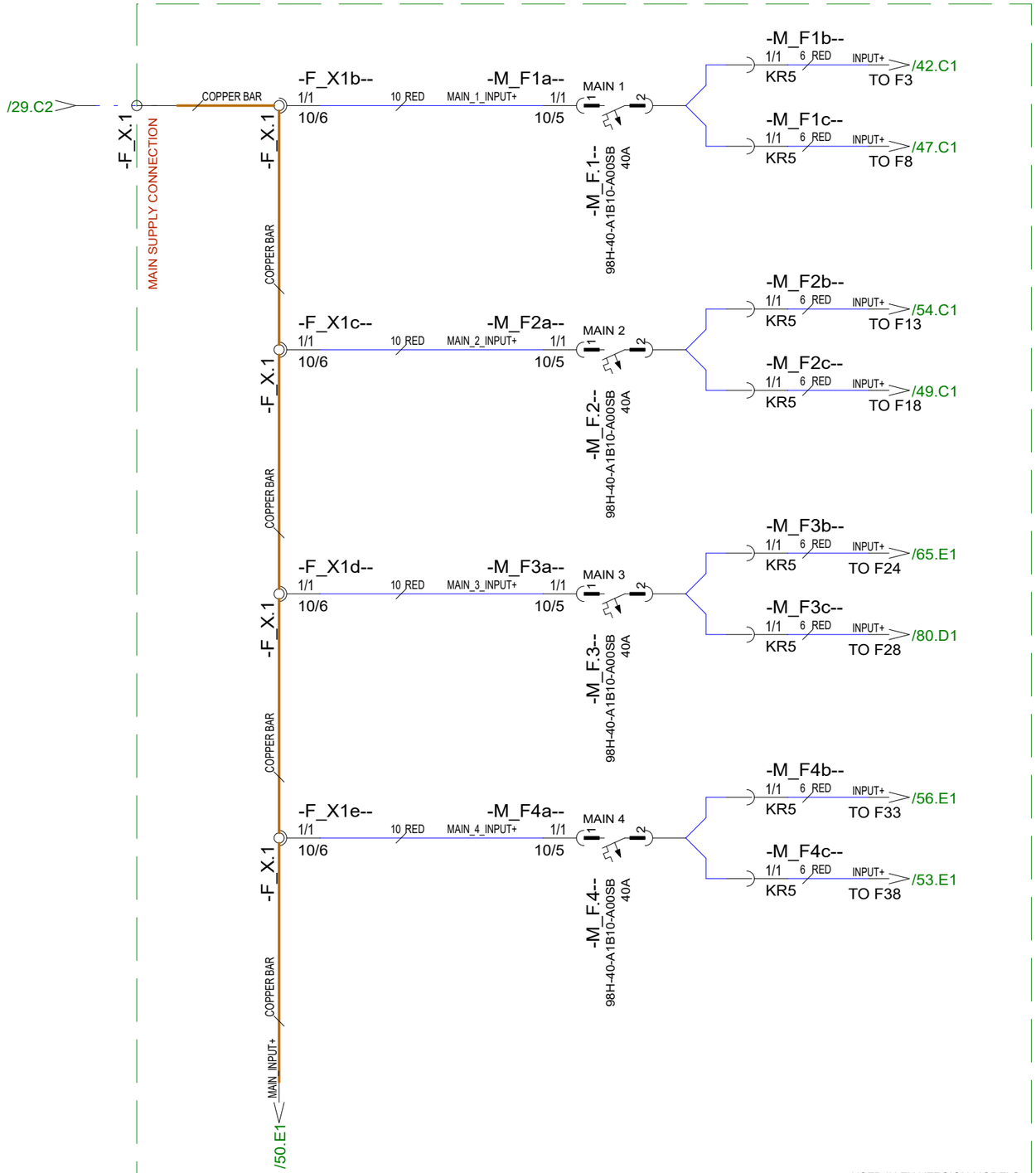
10.10.2023	PF	F22: 2004916; Not modified	Date	16.4.2020	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Control to stern th ms added	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	MAIN SWITCH CTRL SW BOW H AUX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



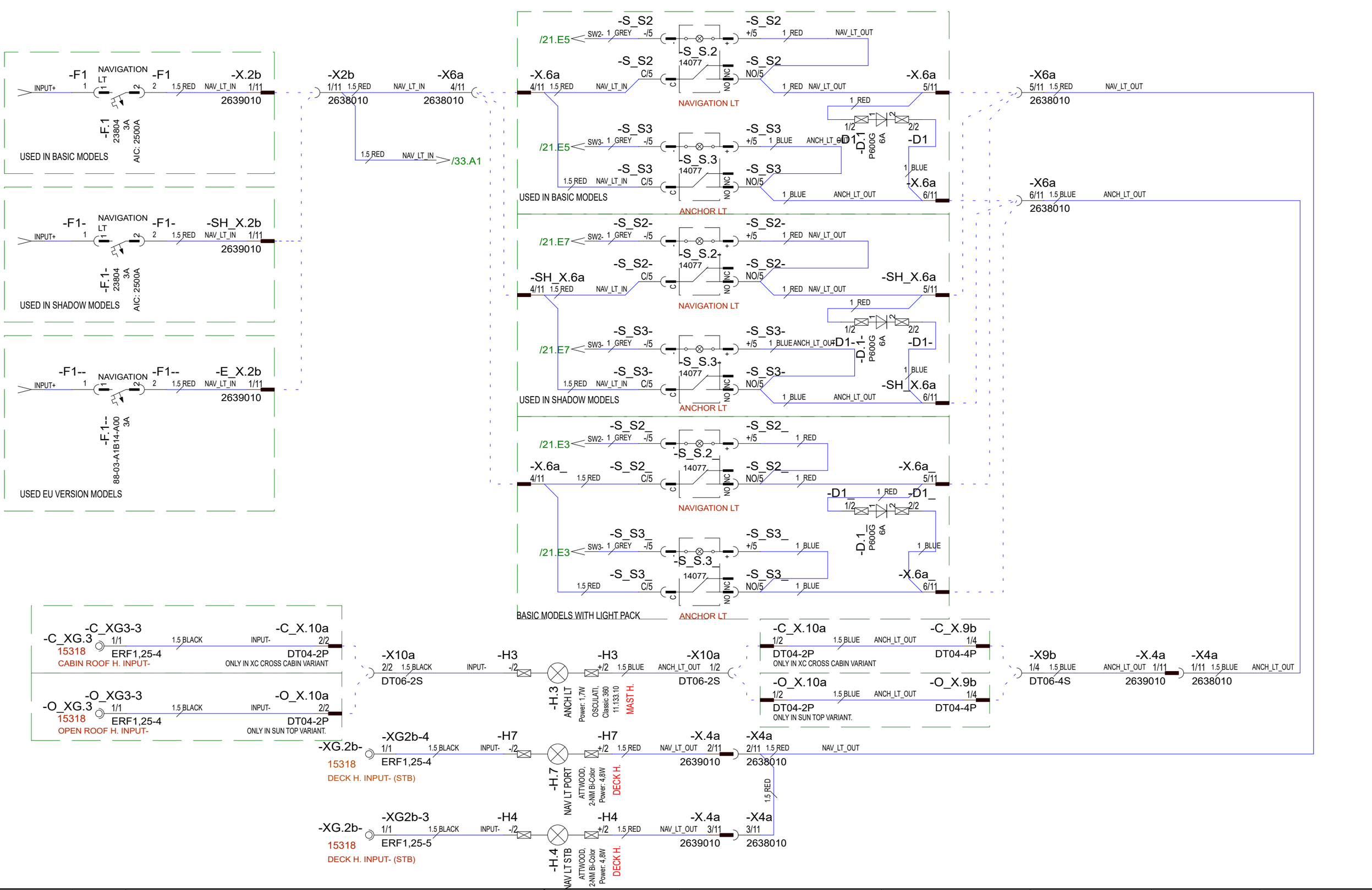
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	MAIN SUPPLY - DIAGRAM	HL	29 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



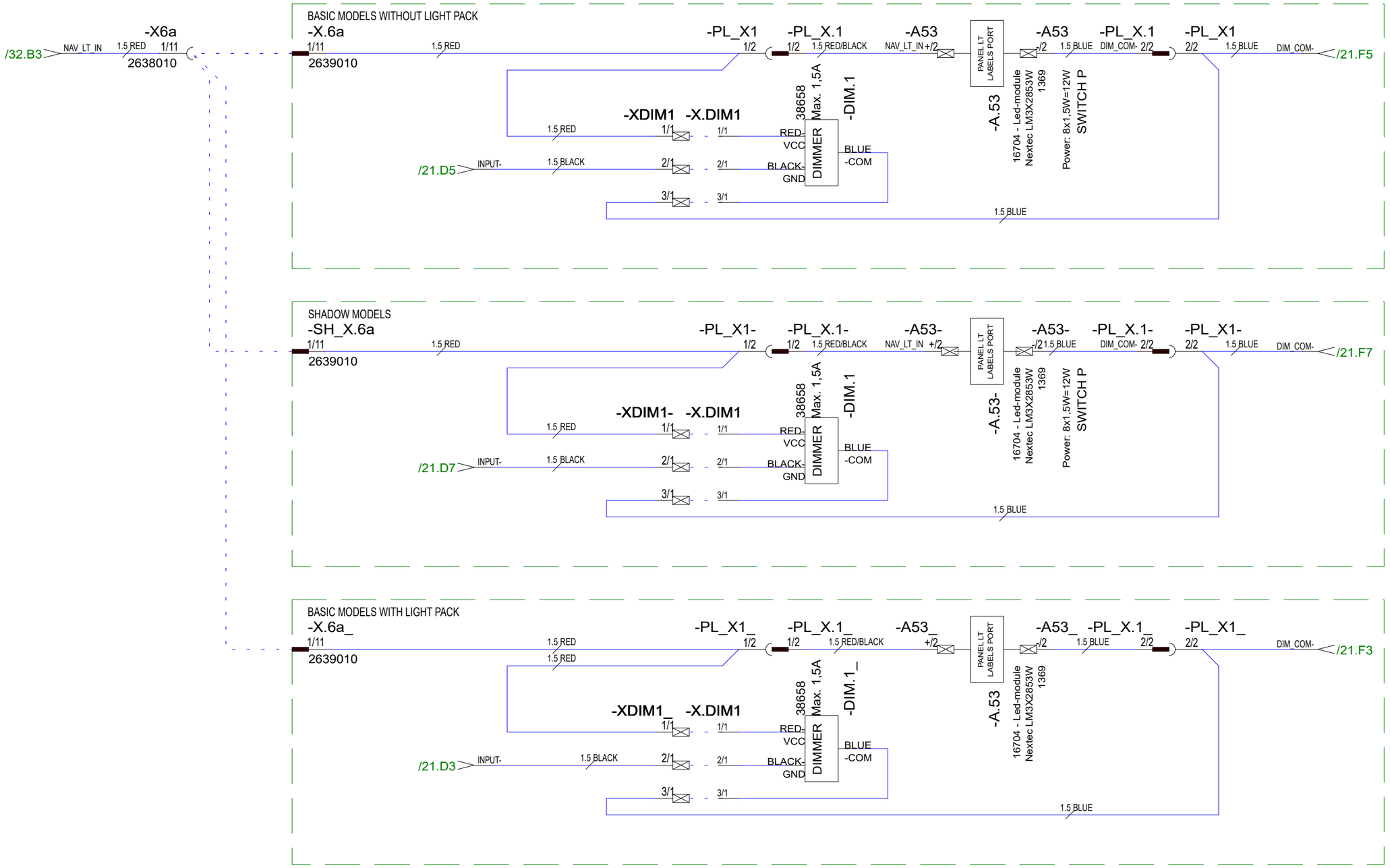
10.10.2023	PF	F22: 2004916; Not modified	Date	23.4.2020	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	MAIN SUPPLY - DIAGRAM	HL	30 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

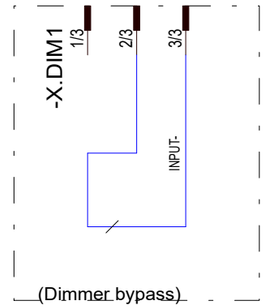


10.10.2023	PF	F22: 2004916; Not modified	Date	23.04.2020	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	MAIN SUPPLY - DIAGRAM	HL	31/ 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

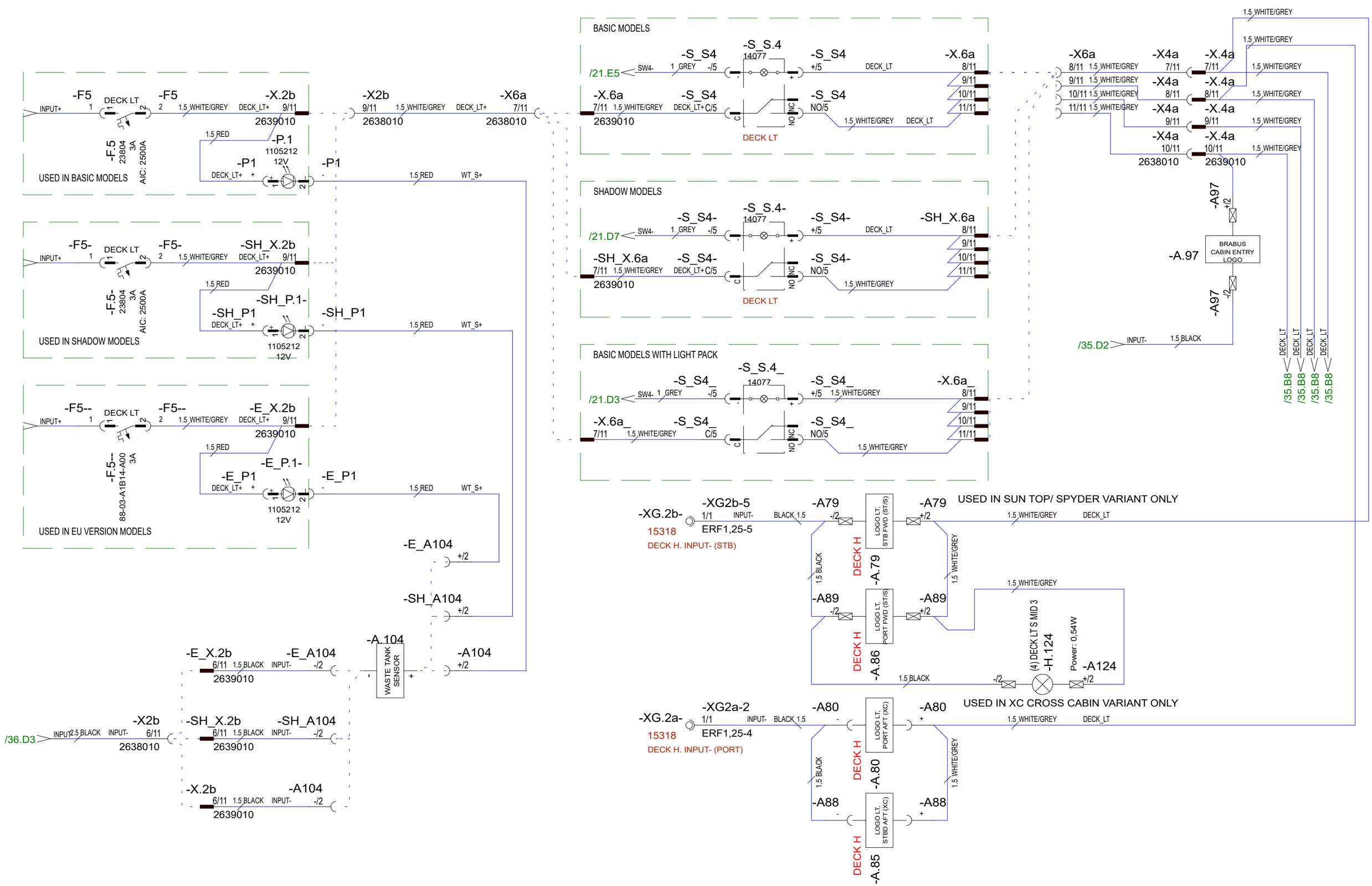


10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Light pack version added	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	NAVIGATION LIGHTS - DIAGRAM	HL	32 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

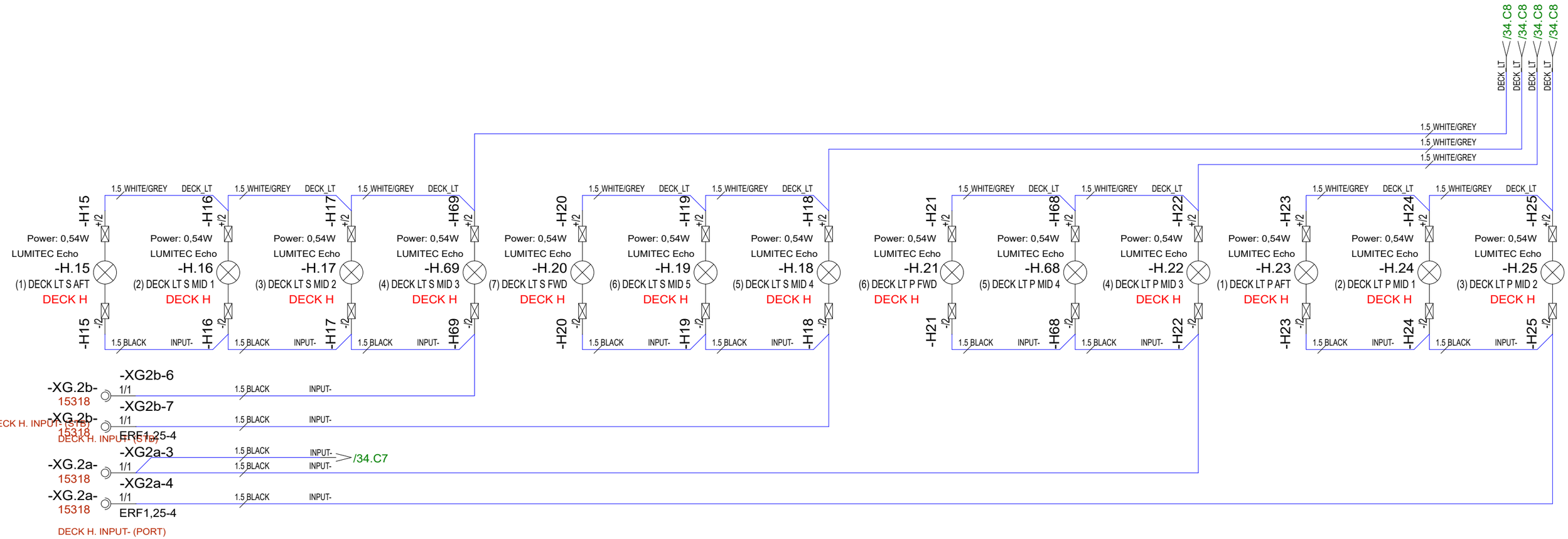




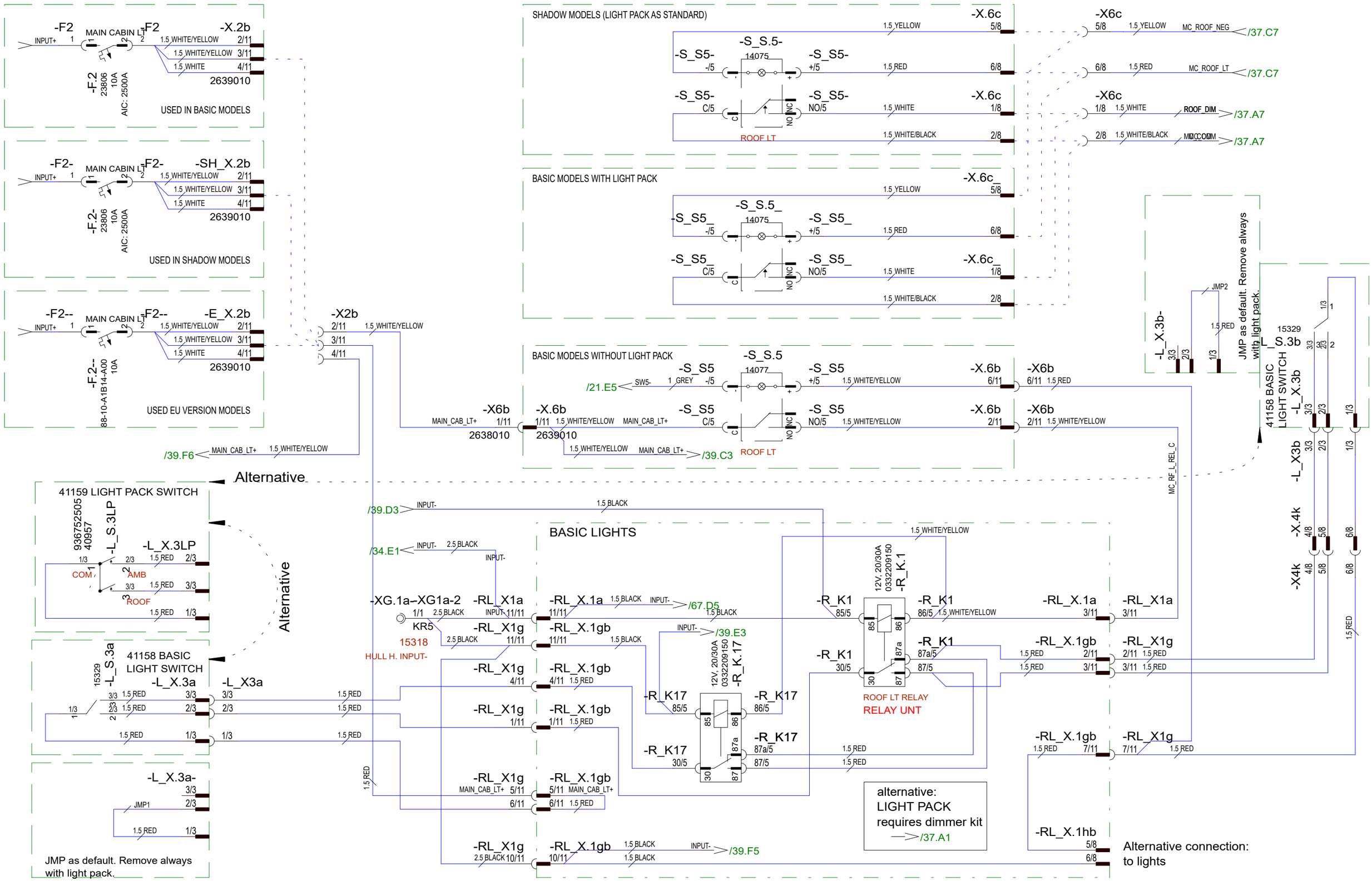
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar		
20.2.2024	PF	G23; 2005054; Logo lt supply ->deck lt, panel lt switch repl. with dimmer	Drawing by	TuM		Boat	Sub-product code	Product code / Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	PANEL LIGHTS - DIAGRAM	HL
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc / 33 / 210 Sheet



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



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	DECK LIGHT - DIAGRAM	HL	35 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



Date of modification	Modified by	Description						
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar		
12.3.2024	PF	G23; 2005054; Added LX3 switches & R_K17, LP option built, S5->mom	Drawing by	TuM		Boat	Sub-product code	Product code / Project ID
18.6.2024	PF	G24: 2005139; Added jump connectors	Sheet rev.	24	Copyright by	37 MY20	MAIN CABIN LIGHT, SPOT - DIAGRAM	HL
			Project rev.	G		Boat model	Title	Loc / 36 / 210 Sheet

BASIC LIGHTS
/36.F6
/39.F4

MAIN CABIN DIMMING, LIGHT PACK

-RL_X.1ga
input-
11/11 1.5 BLACK
1.5 BLACK
input+
5/11 1.5 RED
1.5 RED
-RL_X.1ga 1.5 WHITE/BLACK
berker com
6/11 1.5 WHITE/BLACK
berker com
7/11 1.5 WHITE/BLACK

-RL_X.1ga
aft spot
1/11 1.5 WHITE
1.5 WHITE
aft amb
4/11 1.5 WHITE
1.5 WHITE
-RL_X.1ga
fw amb
2/11 1.5 WHITE
fw spot
3/11 1.5 WHITE

-RL_X.1ga
N/C 8/11
N/C 9/11
N/C 10/11

1.5 RED
1.5 YELLOW
1.5 WHITE/BLACK
1.5 WHITE
1.5 RED
1.5 BLACK

-A120
37927
Iout=8A
+ - COM IN V+ V-
OUTPUT PUSH DIM 12-48VDC INPUT
main cabin spot

-A121
37927
Iout=8A
+ - COM IN V+ V-
OUTPUT PUSH DIM 12-48VDC INPUT
main cabin ambient

-RL_X.1ha
1.5 WHITE 1/8
1.5 WHITE
1.5 WHITE/BLACK 2/8
1.5 WHITE/BLACK
1.5 WHITE 3/8
1.5 WHITE
1.5 WHITE/BLACK 4/8

from swp
-RL_X1h
1/8 1.5 WHITE ROOF_DIM /36.A7
2/8 1.5 WHITE/BLACK MC_COM /36.B7
3/8 1.5 WHITE AMB_DIM AMB_DIM /39.A7
4/8 1.5 WHITE/BLACK MC_COM MC_COM /39.B7

1.5 RED
1.5 YELLOW

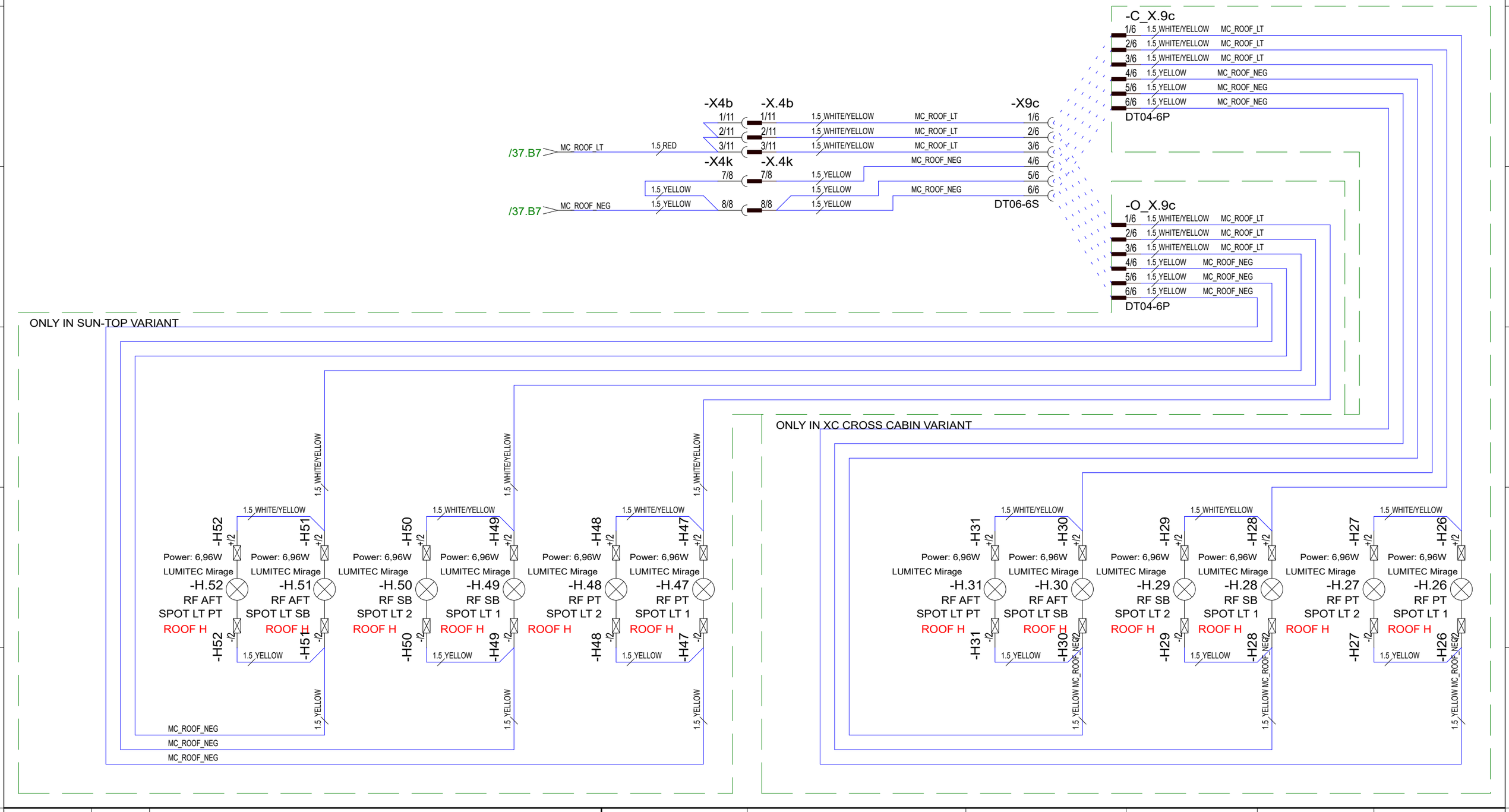
-RL_X.1ha
5/8
6/8

to lights & switch indication
-RL_X1h
5/8 1.5 RED MC_ROOF_LT /38.B3
6/8 1.5 YELLOW MC_ROOF_NEG /38.C3
1.5 RED MC_ROOF_LT /36.A7
1.5 YELLOW MC_ROOF_NEG /36.A7

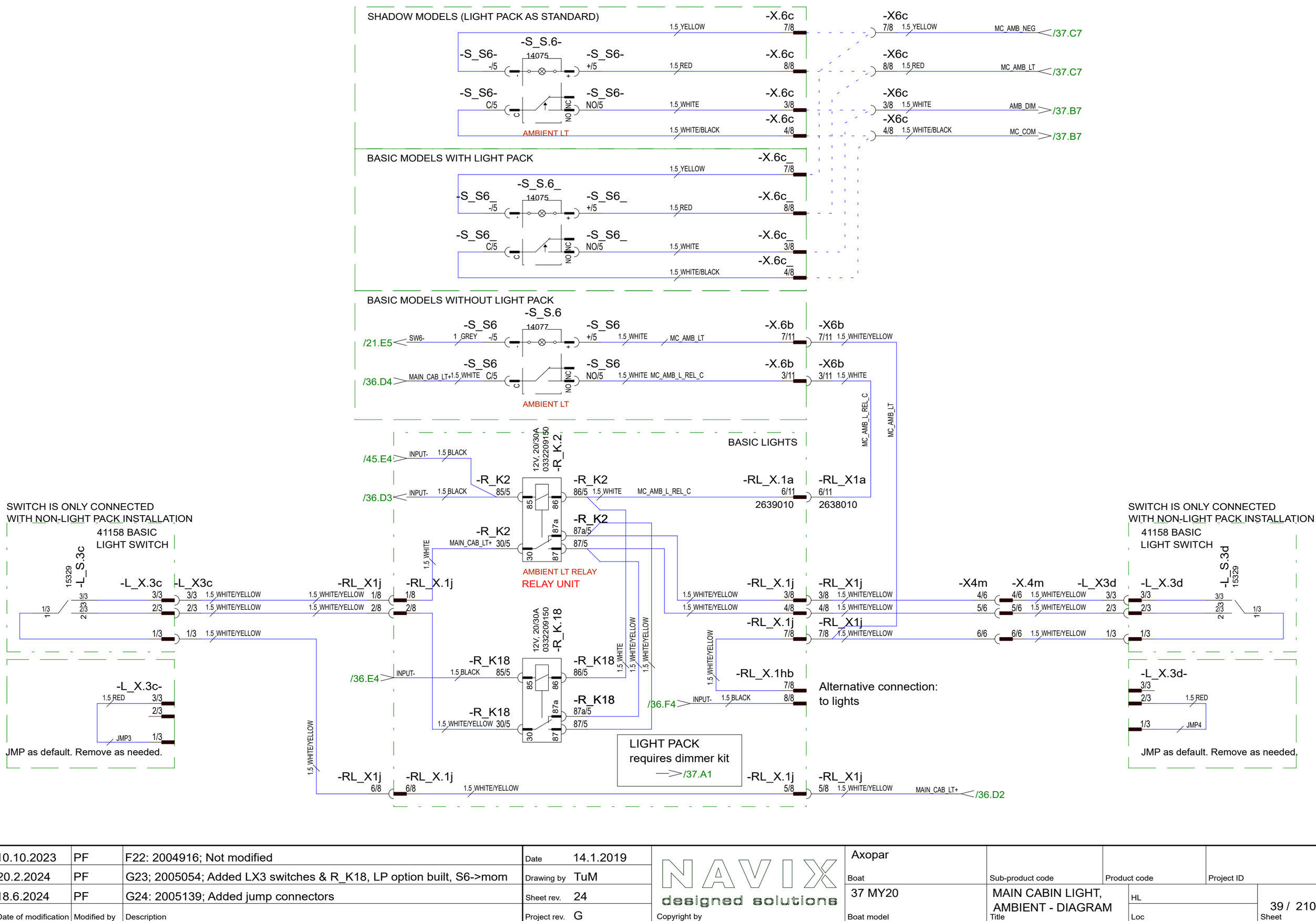
-RL_X.1ha
7/8
8/8

-RL_X1h
7/8 1.5 RED MC_AMB_LT /40.A2
8/8 1.5 YELLOW MC_AMB_NEG /40.C2
1.5 RED MC_AMB_LT /39.A7
1.5 YELLOW MC_AMB_NEG /39.A7

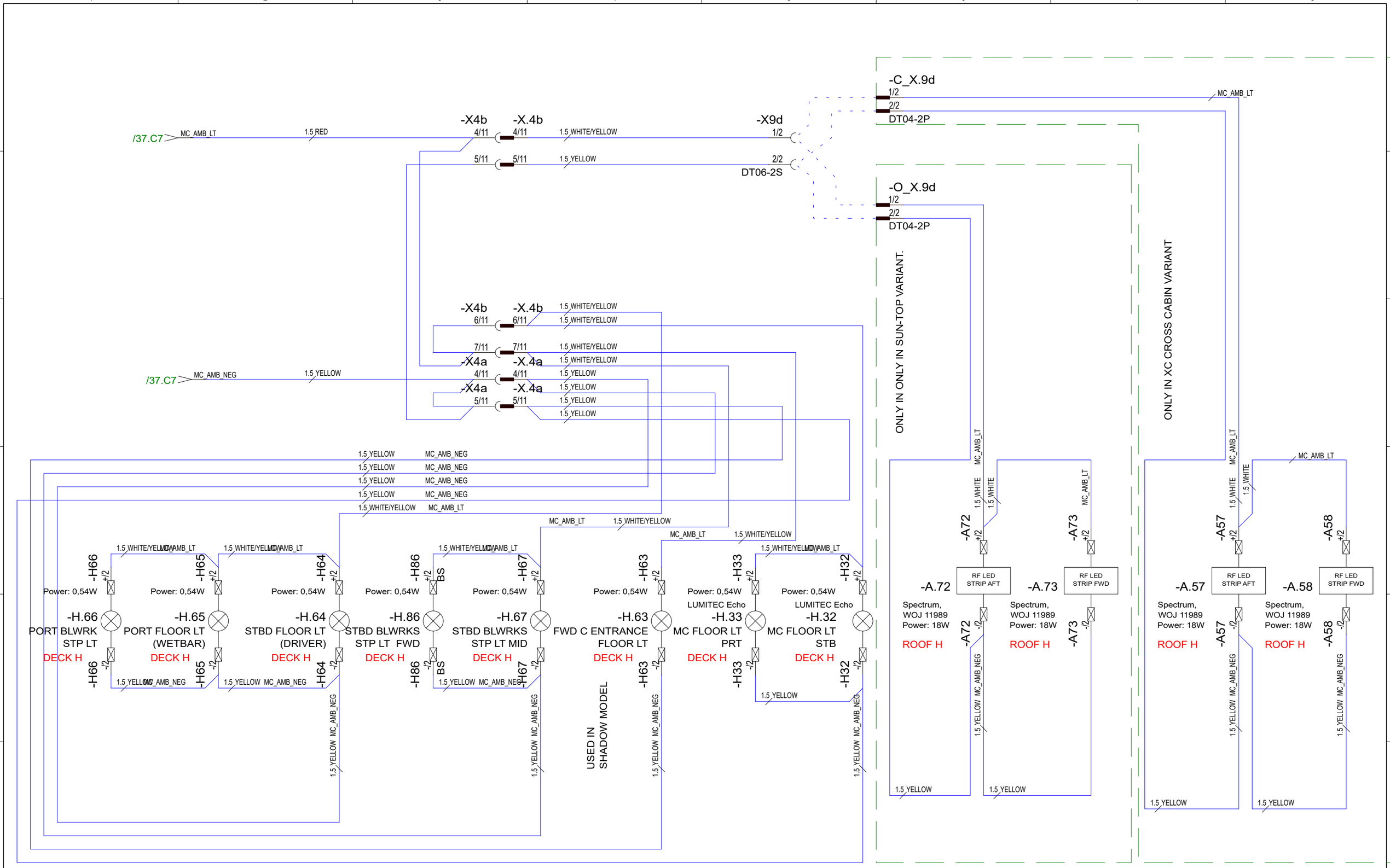
			Date 12.3.2024	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; New sheet	Drawing by PF		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev. 24		37 MY20 SHADOW	MAIN CABIN DIMMERS - DIAGRAM	HL	37 / 210
Date of modification	Modified by	Description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



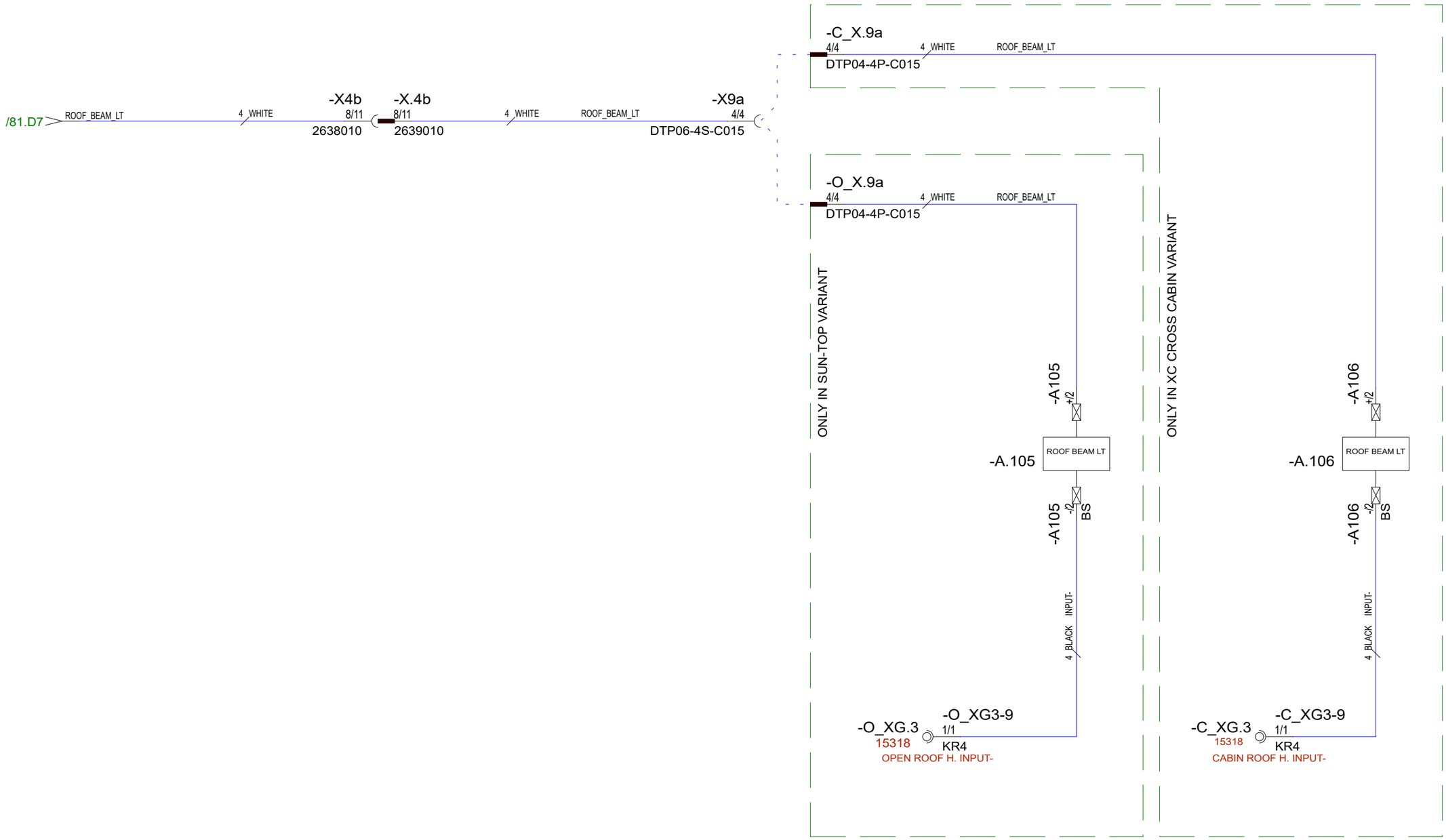
10.10.2023	PF	F22: 2004916; Not modified	Date	20.4.2020	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Light return paths modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	MAIN CABIN LIGHT, SPOT - DIAGRAM	HL	38 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



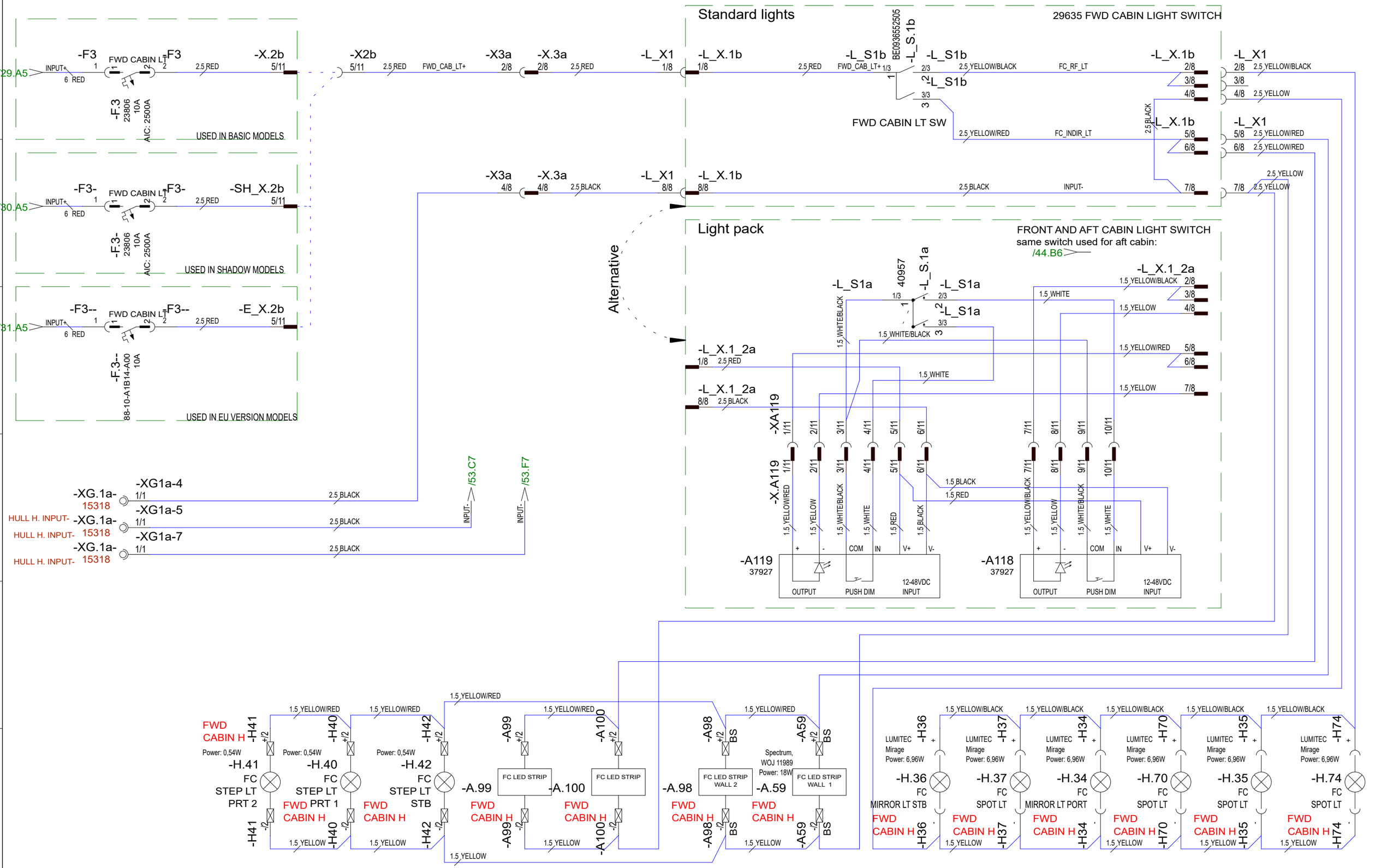
Date of modification	Modified by	Description					
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar	
20.2.2024	PF	G23; 2005054; Added LX3 switches & R_K18, LP option built, S6->mom	Drawing by	TuM		Boat	Sub-product code / Product code / Project ID
18.6.2024	PF	G24: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



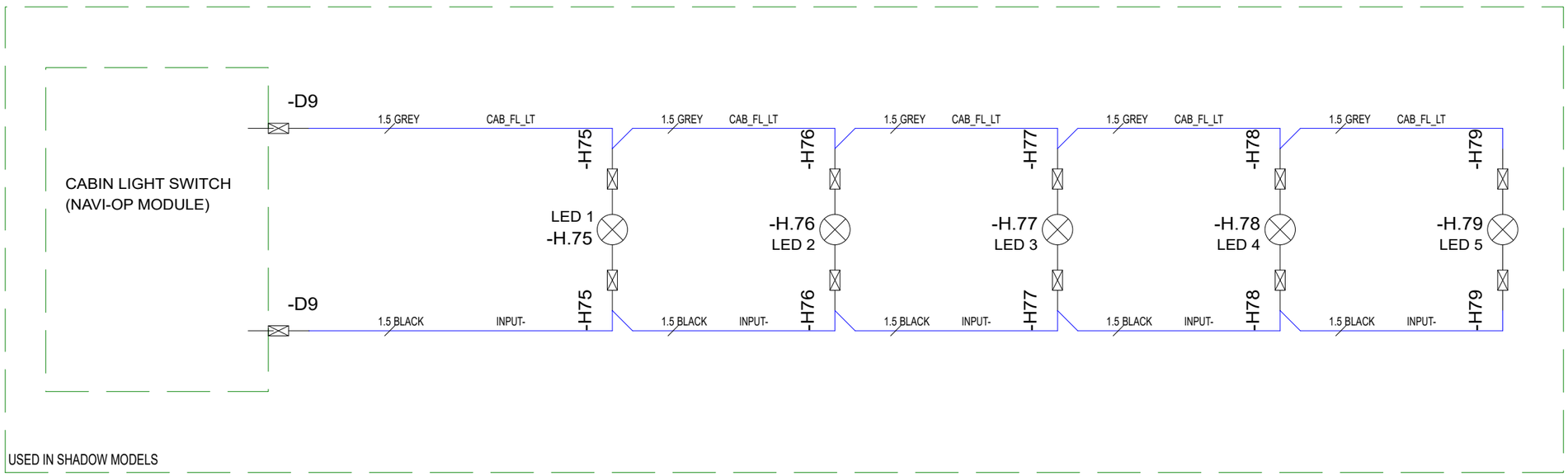
10.10.2023	PF	F22: 2004916; Not modified	Date	20.4.2020	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Light return paths modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	MAIN CABIN LIGHT, AMBIENT - DIAGRAM	HL	40 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



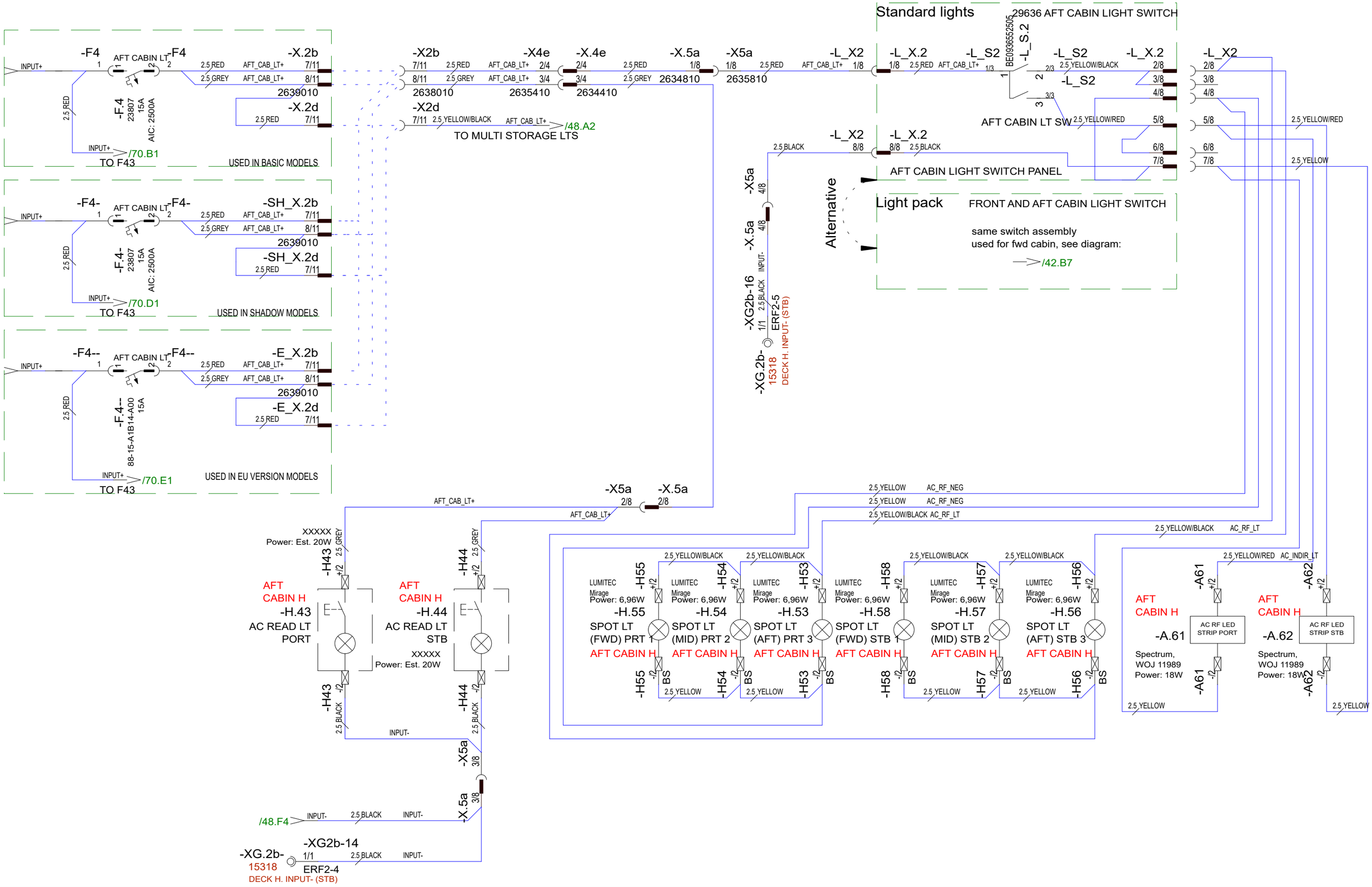
10.10.2023	PF	F22: 2004916; Not modified	Date	30.03.2021	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TT		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	ROOF BEAM LIGHT - DIAGRAM	HL	41/ 210
Date of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



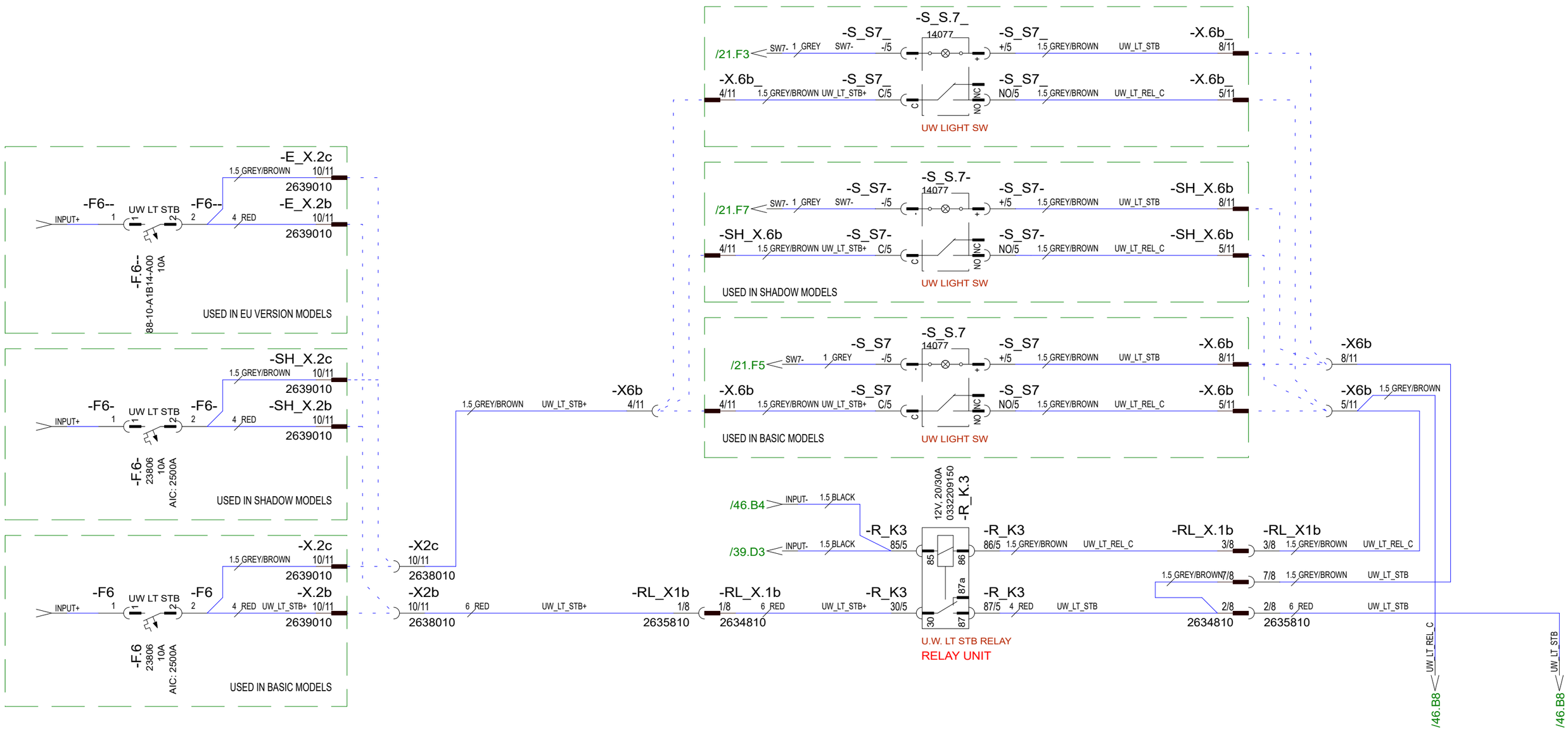
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Std switch modif., LP option built, light return paths modif.	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; F3 15A->10A	Sheet rev.	24		37 MY20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



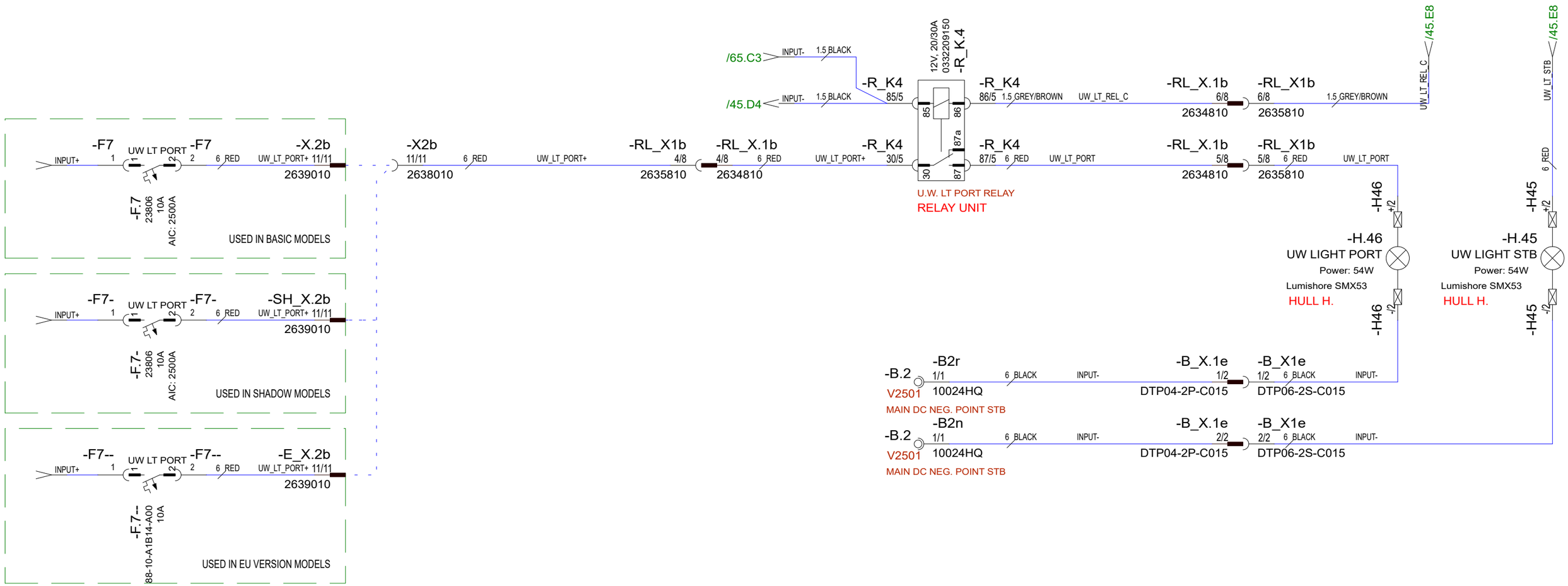
10.10.2023	PF	F22: 2004916; Not modified	Date 6.11.2020	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev. 24		37 MY20	FWD CABIN FLOOR LIGHTS - DIAGRAM	HL	43 / 210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



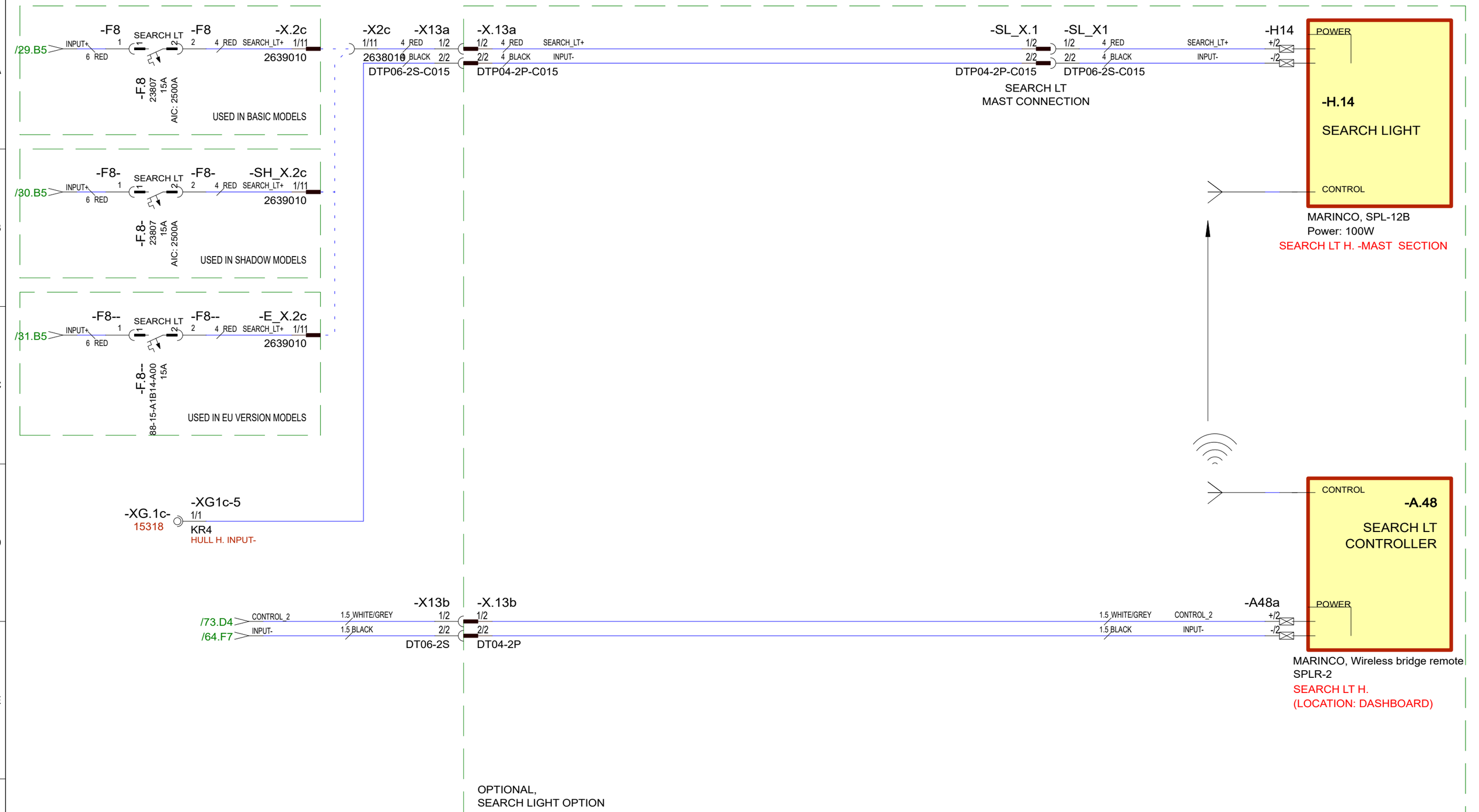
Date of modification	Modified by	Description					
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar	
20.2.2024	PF	G23; 2005054; Std switch modif., LP option built, light return paths modif.	Drawing by	TuM		Boat	Sub-product code / Product code / Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	Copyright by	37 MY20	AFT CABING LIGHTS - DIAGRAM
			Project rev.	G		Boat model	Title / HL / Loc / 44 / 210 Sheet



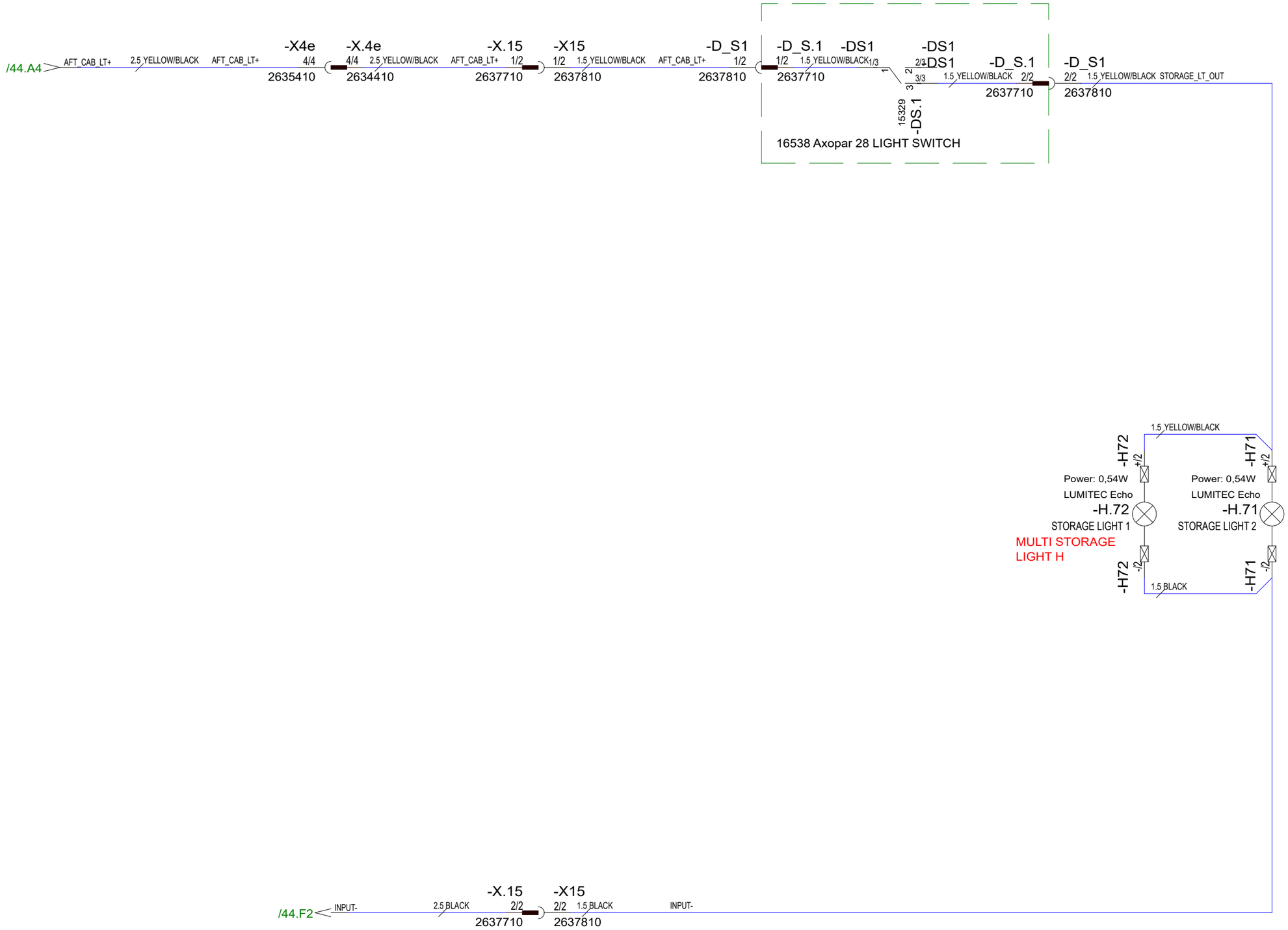
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar		
20.2.2024	PF	G23; 2005054; LP swp added	Drawing by	TuM		Boat	Sub-product code	Product code / Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	UNDER WATER LT - DIAGRAM	HL / Loc
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	45 / 210 Sheet



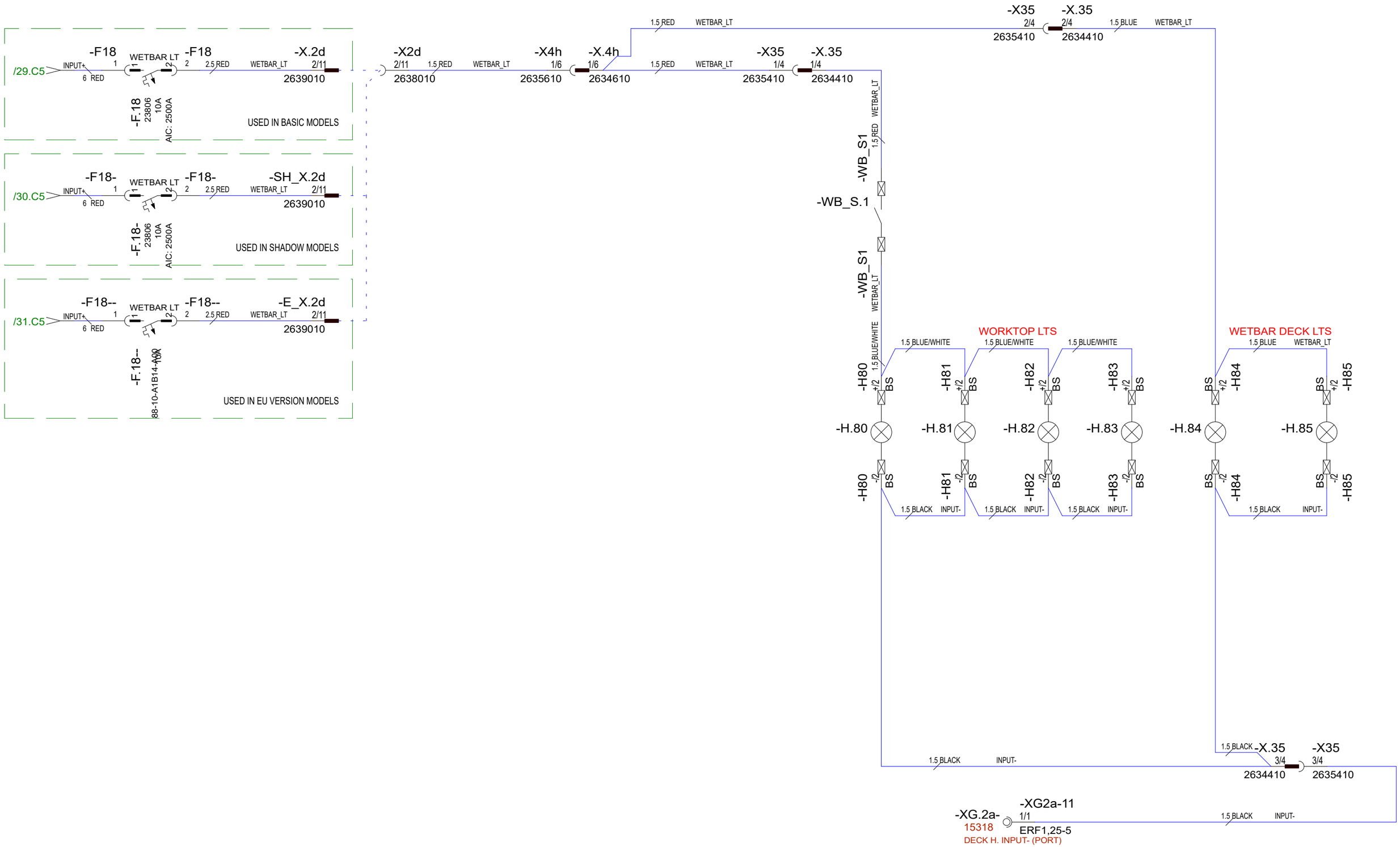
Date of modification	Modified by	Description						
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar		
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code / Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37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



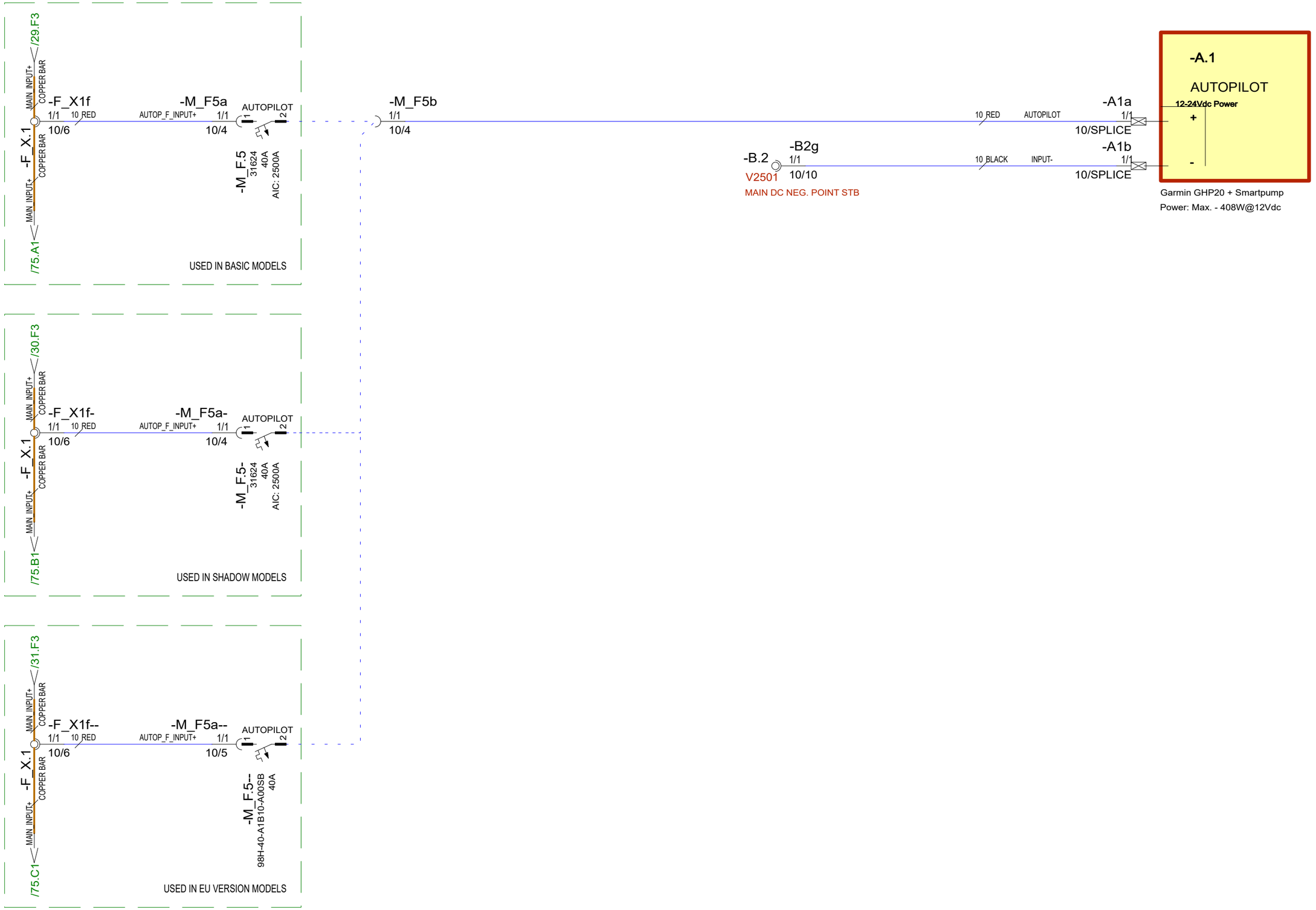
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	SEARCH LIGHT - DIAGRAM	HL	47 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



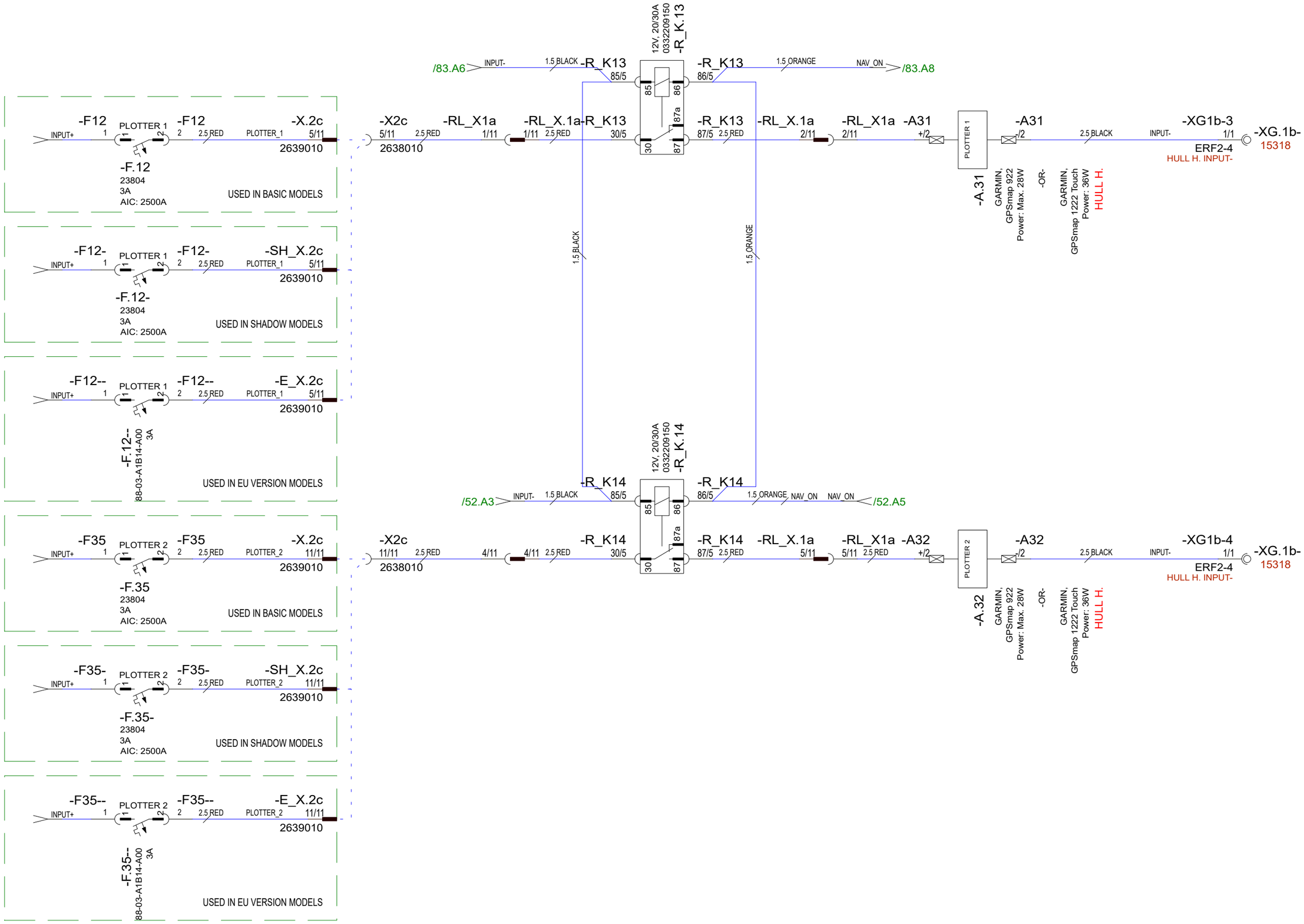
10.10.2023	PF	F22: 2004916; Not modified	Date	6.4.2020	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	MULTISTORAGE LIGHT - DIAGRAM	HL	48 / 210
Date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



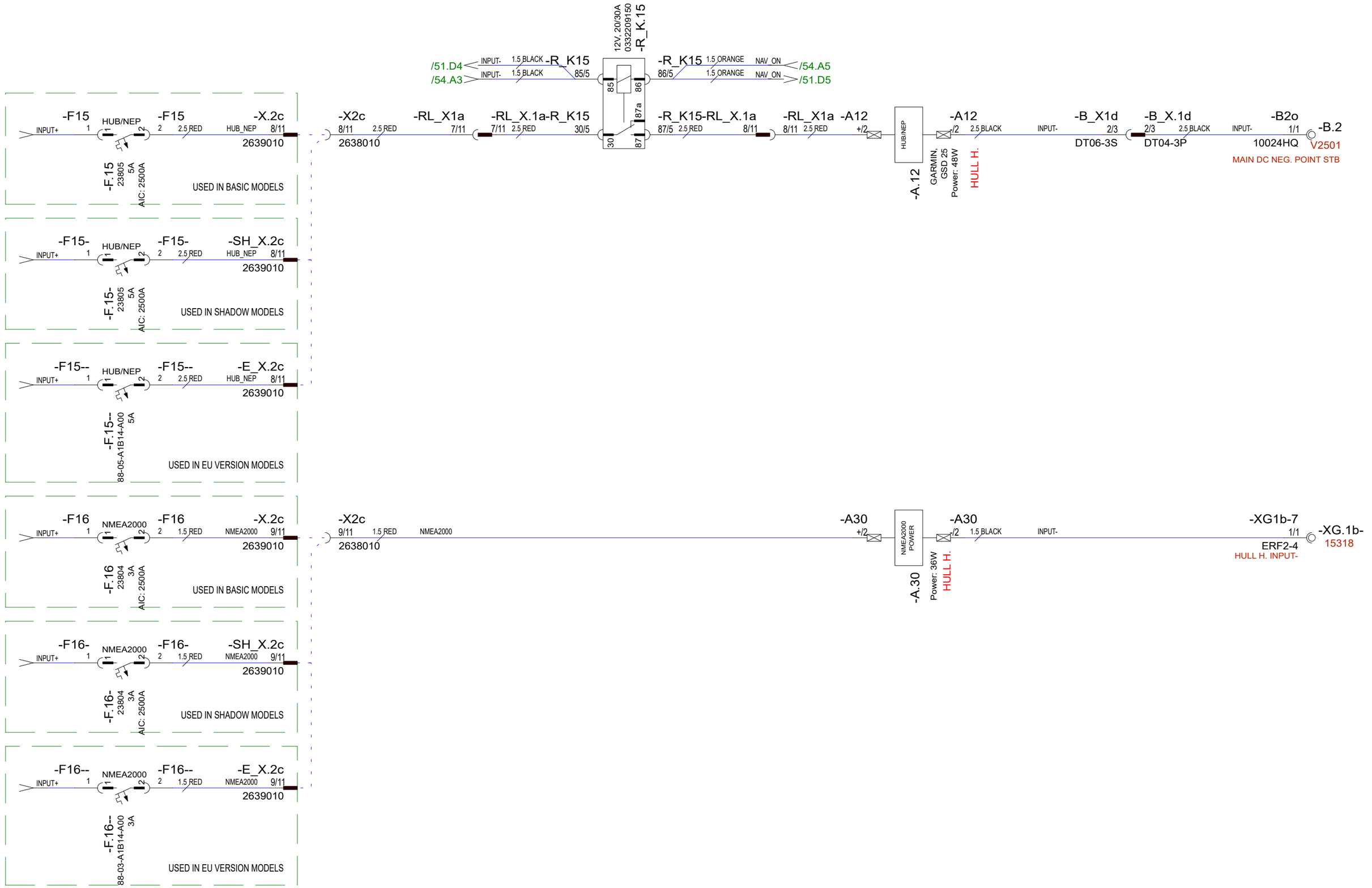
10.10.2023	PF	F22: 2004916; Not modified	Date	6.2.2023	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TT		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20 SHADOW	WETBAR LIGHTS HARNESS	HL	49 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



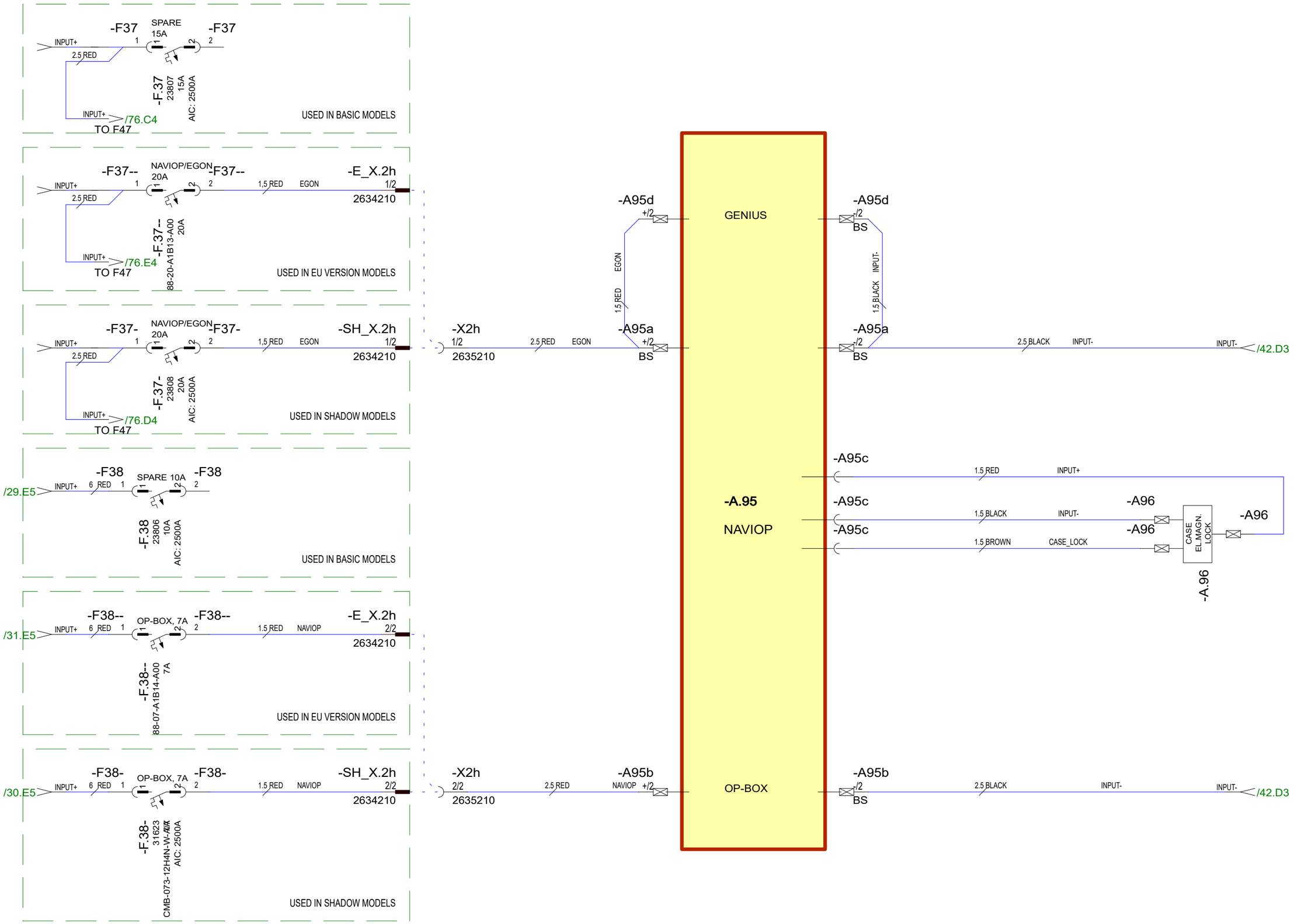
10.10.2023	PF	F22: 2004916; Not modified	Date	21.4.2020	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	AUTOPILOT - DIAGRAM	HL	50 / 210
Date of modification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



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		37 MY20	NAV. EQUIPMENT - DIAGRAM	HL	51/ 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



10.10.2023	PF	F22: 2004916; Not modified	Date	21.4.2020	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; R_K15 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		37 MY20	NAV. EQUIPMENT - DIAGRAM	HL	52 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

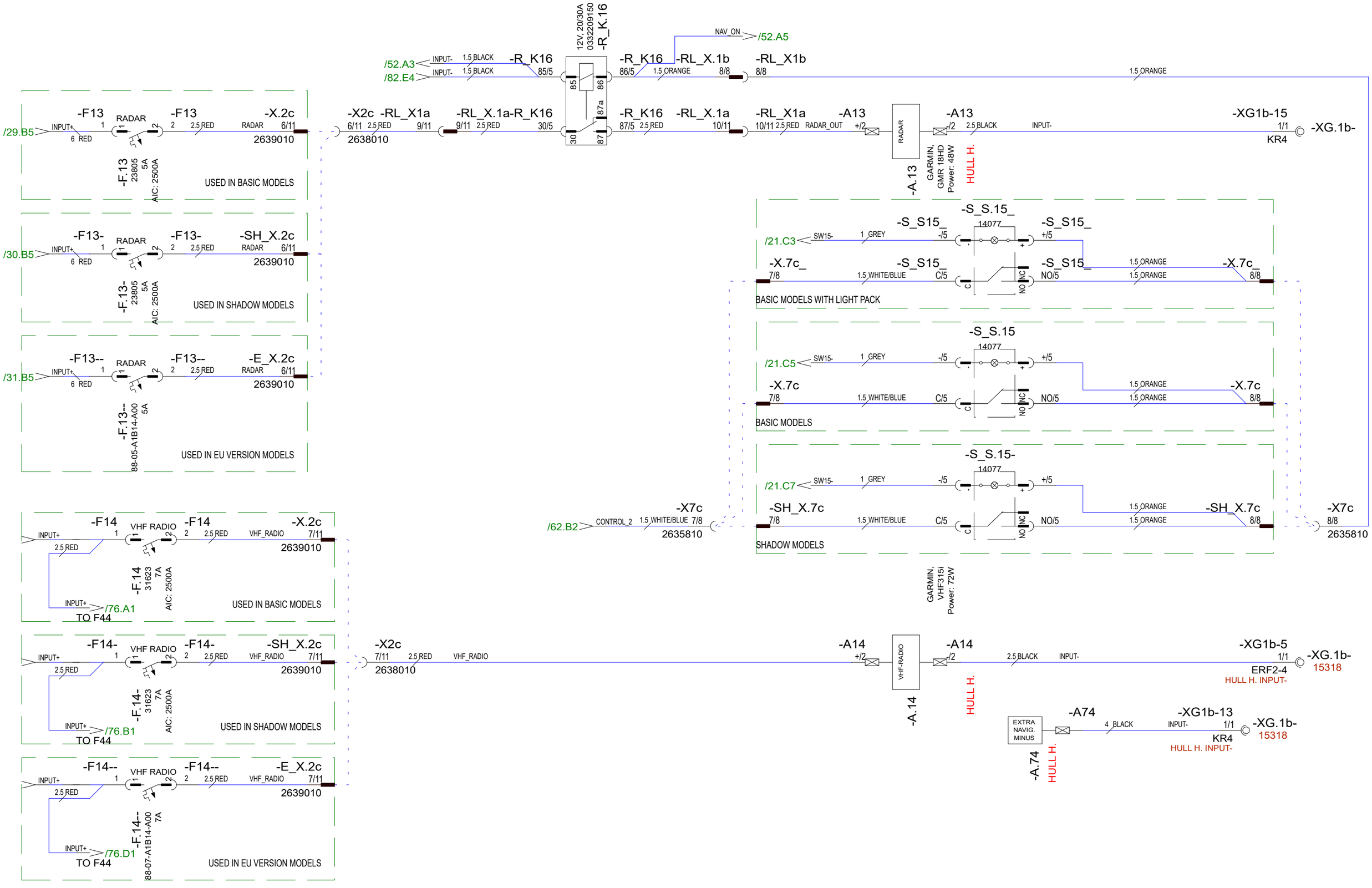


Date of modification	Modified by	Description
10.10.2023	PF	F22: 2004916; Not modified
20.2.2024	PF	G23; 2005054; Not modified
18.6.2024	PF	G24: 2005139; Not modified

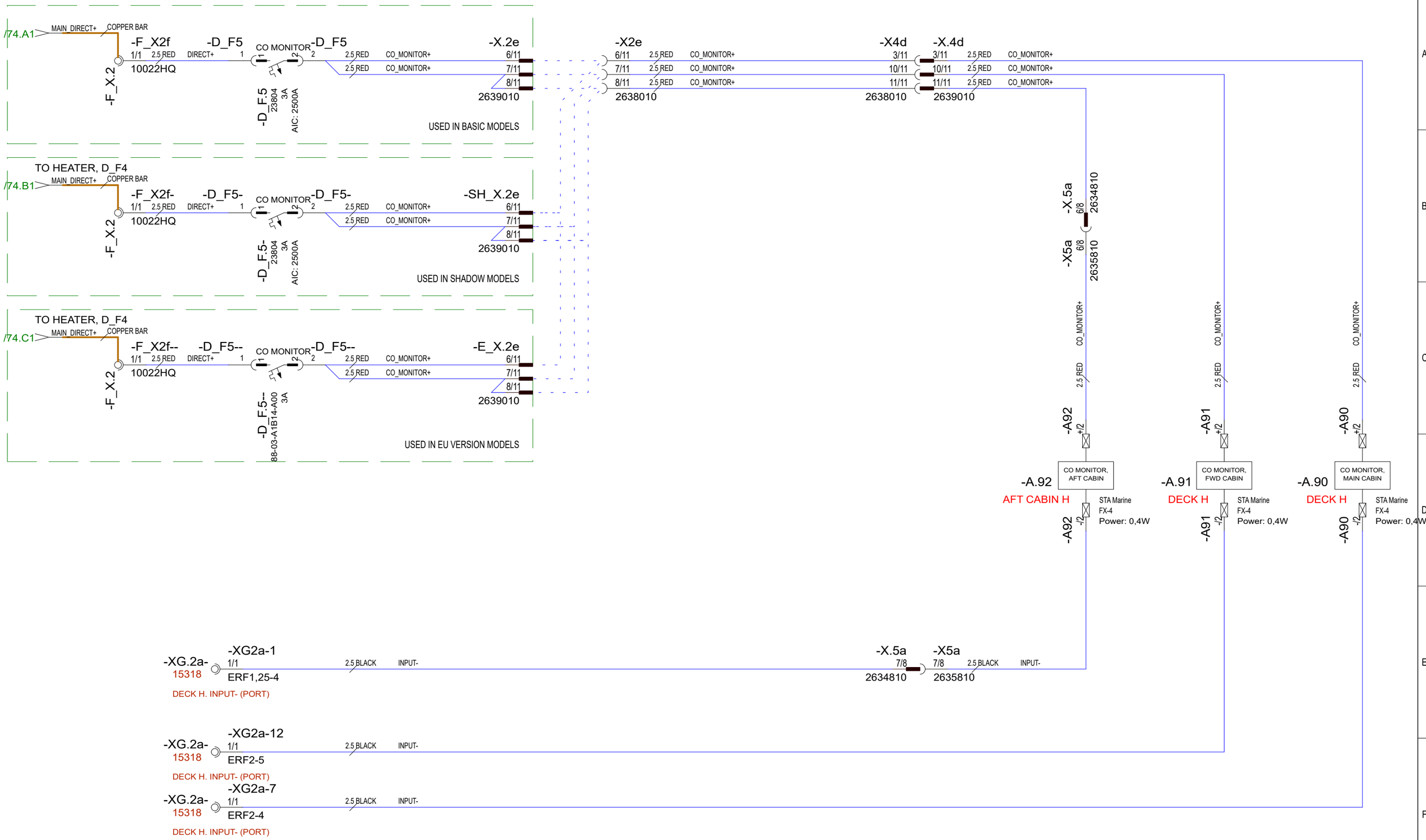
Date	23.10.2020
Drawing by	TuM
Sheet rev.	24
Project rev.	G

NAVIX designed solutions
Copyright by

Boat	Sub-product code	Product code	Project ID
Axopar			
Boat model	**Title**	**Loc**	**Sheet**
37 MY20	NAV. EQUIPMENT - DIAGRAM	HL	53 / 210



10.10.2023	PF	F22: 2004916; Not modified	Date	23.10.2020	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; R_K16 and S15 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		37 MY20	NAV. EQUIPMENT - DIAGRAM	HL	54 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



Date of modification	Modified by	Description						
10.10.2023	PF	F22: 2004916; Not modified	Date	6.4.2020	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	CO MONITORS - DIAGRAM	HL	55 / 210
			Project rev.	G	Boat model	Title	Loc	Sheet

NAVIX designed solutions
Copyright by

-F32- ISM RECEIVER -F32- -SH_X.2g
INPUT+ 1 1 2 2 2.5 GREY 1/4
2634410
-F.32- 23807 15A AIC: 2500A
USED IN SHADOW MODELS

-F32 ISM RECEIVER -F32 -X.2g
INPUT+ 1 1 2 2 2.5 GREY 1/4
2634410
-F.32 23807 15A AIC: 2500A
USED IN BASIC MODELS

-F32-- ISM RECEIVER -F32-- -E_X.2g
INPUT+ 1 1 2 2 2.5 GREY 1/4
2634410
-F.32-- 88-15-A1B14-A00 15A
USED IN EU VERSION MODELS

-F33 ISM IGN -F33 -X.2g
/29.D5 INPUT+ 1 1 2 2 2.5 GREY ISM_IGN 2/4
6 RED
2634410
-F.33 23807 15A AIC: 2500A
USED IN BASIC MODELS

-F33- ISM IGN -F33- -SH_X.2g
/30.D5 INPUT+ 1 1 2 2 2.5 GREY ISM_IGN 2/4
6 RED
2634410
-F.33- 23807 15A AIC: 2500A
USED IN SHADOW MODELS

-F33-- ISM IGN -F33-- -E_X.2g
/31.D5 INPUT+ 1 1 2 2 2.5 GREY ISM_IGN 2/4
6 RED
2634410
-F.33-- 88-15-A1B14-A00 15A
USED IN EU VERSION MODELS

-X2g 1/4 2635410
2.5 GREY ISM_RECEIVER
2.5 GREY ISM_IGN
2.5 BLACK INPUT-
-ISM_A1a
HULL H.

-X2g 2/4 2635410

-ISM_A.1
ISM RECEIVER
B1 C2 C8 C1 A5 B5 B8 B7 A8 A7 A1 A6 A2 B2

/24.D8 ISM_CTRL
TO BOW THRUSTER CONTROLS

-XG.1a- 15318
-XG1a-15 1/1
ERF2-4
HULL H. INPUT-

-ISM_A.3
STEERING WHEEL
1 - Red, Key
2 - Black, Gnd
3 - Green, CAN H
4 - White, CAN L

ISM SYSTEM HARNESS
(ISM SYSTEM MANUFACTURER SUPPLY)

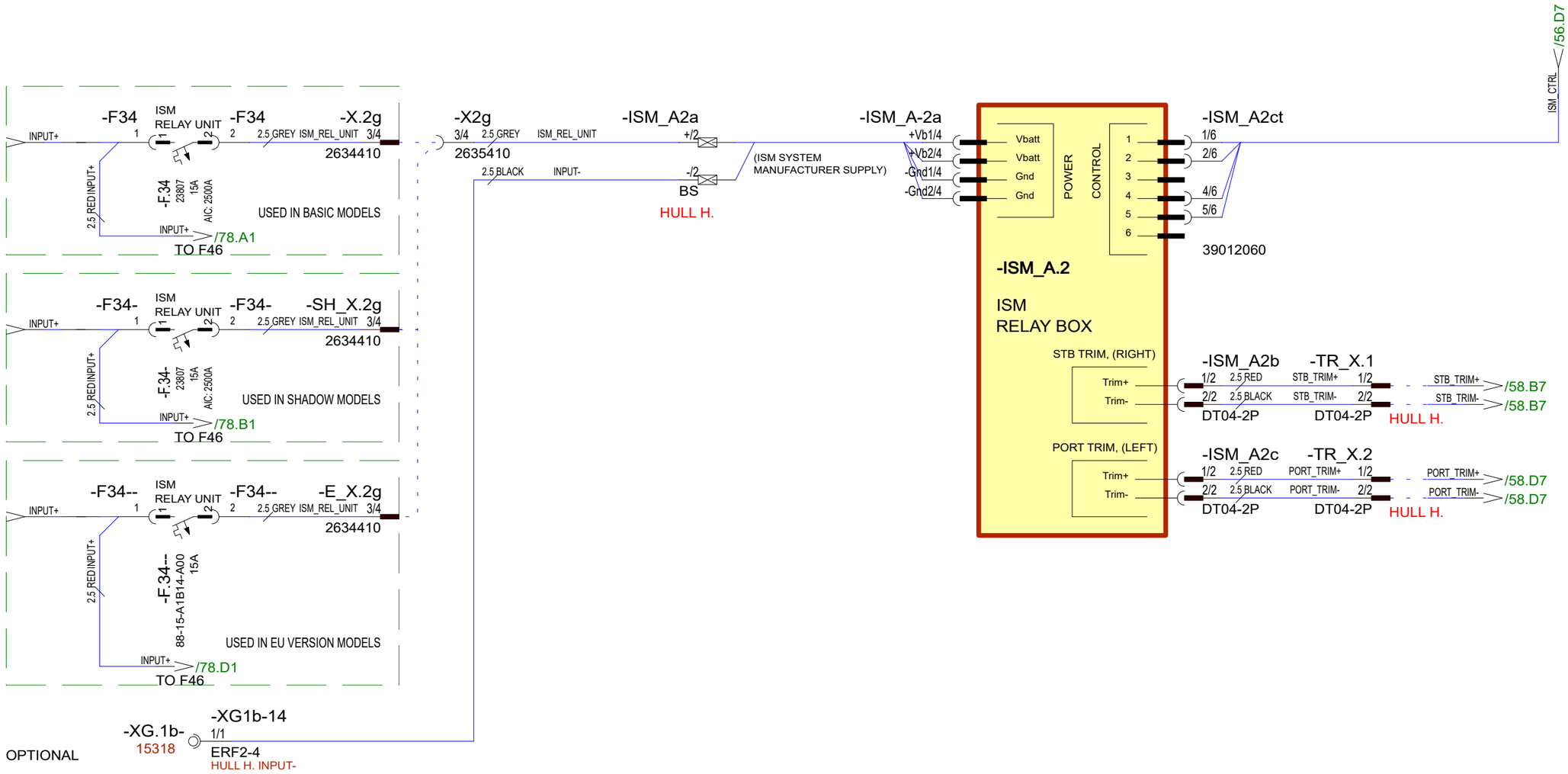
1 -
2 -
3 -
4 - Green, CAN H
5 - White, CAN L
TO NMEA2000 BACK BONE

-ISM_A1c
GREEN/YELLOW 1.5 WHITE/GREEN ISM_CTRL /58.A6
TO TRIM NEUTRAL SAFETY SW
HULL H.

-ISM_A1b
BLACK/WHITE 1.5 WHITE/BLACK ISM_BOW_TH_C /82.D2
WHITE 1.5 WHITE ISM_B_TH_SW_L+ /82.C8
TO BOW THRUSTER SW
HULL H.

ISM_CTRL /57.B7

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	ISM SYSTEM - DIAGRAM	HL	56 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



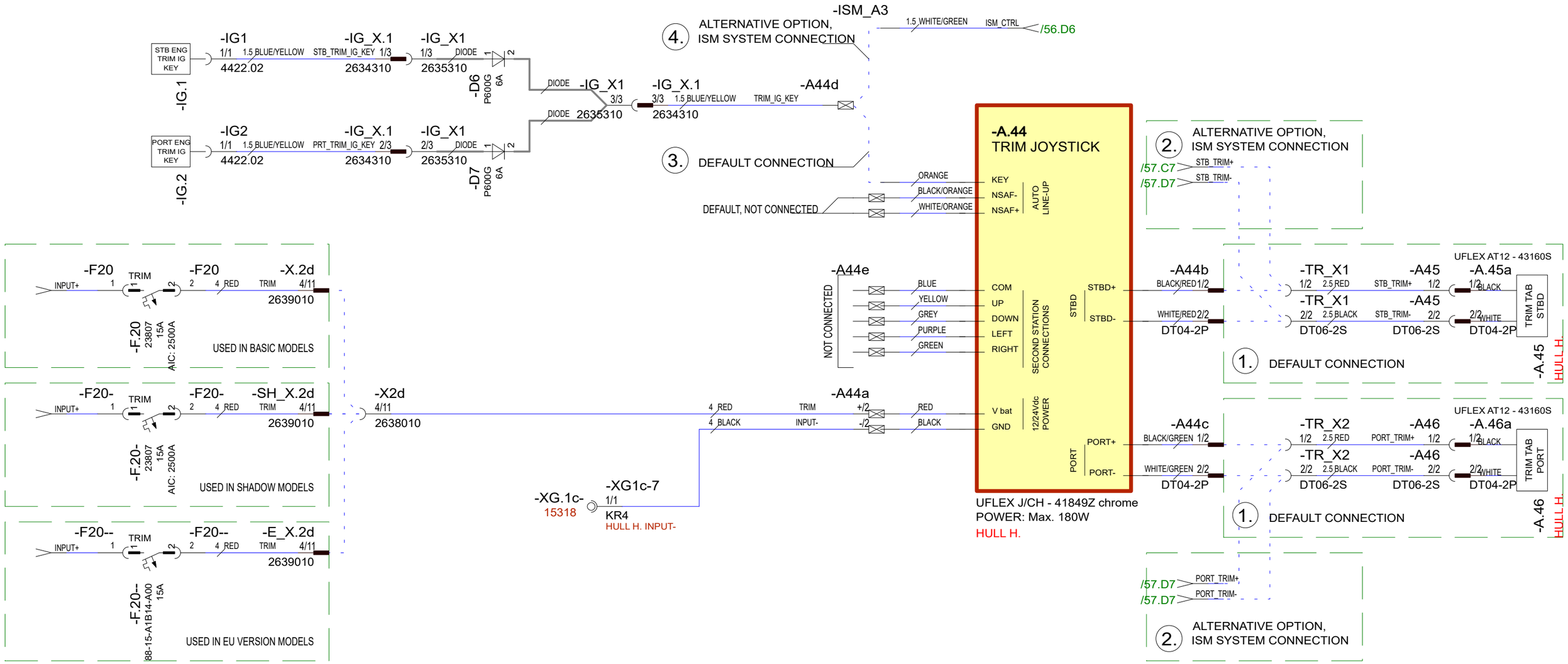
Date of modification	Modified by	Description
10.10.2023	PF	F22: 2004916; Not modified
20.2.2024	PF	G23; 2005054; Not modified
18.6.2024	PF	G24: 2005139; Not modified

Date	14.1.2021
Drawing by	TuM
Sheet rev.	24
Project rev.	G

NAVIX designed solutions

Copyright by

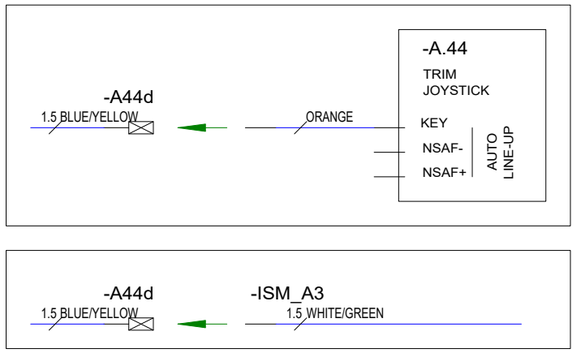
Axopar			
Boat	Sub-product code	Product code	Project ID
37 MY20	ISM SYSTEM - DIAGRAM	HL	57 / 210
Boat model	Title	Loc	Sheet



TRIM AUTO LINE-UP ALTERNATIVES:

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

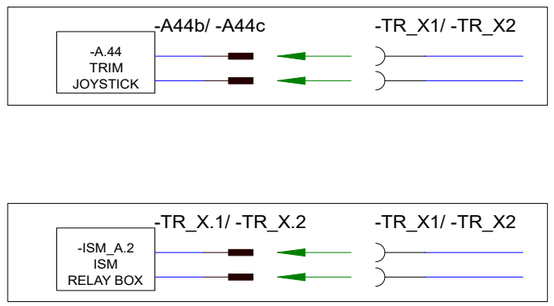
4. ALTERNATIVE 2:
ISM SYSTEM CONNECTION.
IGN KEY CONNECTED
TO ISM CONTROL HARNESS:
-A44d connected to -ISM_A3.



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



Date of modification	Modified by	Description
10.10.2023	PF	F22: 2004916; Not modified
20.2.2024	PF	G23; 2005054; Not modified
18.6.2024	PF	G24: 2005139; Not modified

Date	14.1.2019
Drawing by	TuM
Sheet rev.	24
Project rev.	G

NAVIX designed solutions
Copyright by

Boat	Sub-product code	Product code	Project ID
Axopar			
Boat model	**Title**	**Loc**	**Sheet**
37 MY20	TRIM - DIAGRAM	HL	58 / 210

OPTIONAL, FUSION ENTERTAINMENT SYSTEM

-F17 STEREO -F17 -X.2d
INPUT+ 1 1 2 2 4 RED STEREO 1/11
2639010
-F.17 23807 15A AIC: 2500A
USED IN BASIC MODELS

-F17- STEREO -F17- -SH_X.2d
INPUT+ 1 1 2 2 4 RED STEREO 1/11
2639010
-F.17- 23807 15A AIC: 2500A
USED IN SHADOW MODELS

-F17-- STEREO -F17-- -E_X.2d
INPUT+ 1 1 2 2 4 RED STEREO 1/11
2639010
-F.17-- 88-15-A1B14-A00 15A
USED IN EU VERSION MODELS

-X2d 1/11 2638010
4 RED STEREO +12V/3
4 BLACK INPUT- GND-/3
4 RED MEMORY MEMORY/3
-XG.1b- 15318
-XG1b-12 1/1 KR4 HULL H. INPUT-
/59.D4 MEMORY

-X.4d 1/11 /61.D4 AMP_ON 1.5 BLUE/YELLOW
-X4d 1/11 1.5 BLUE/YELLOW AMP_ON
-A11b EXT/1

-A11a
+12Vdc POWER
RED (POWER +)
BLACK (GROUND -)
MEMORY
-A.11
STEREO
FUSION, BB100
Power: 180W
EXTERNAL INTERFACE
BROWN (MUTE)
ORANGE (DIM)
BLUE (AMPLIFIER ON)

SPEAKER ZONE 1
WHITE, LEFT +
WHITE/BLACK, LEFT -
GREY, RIGHT +
GREY/BLACK, RIGHT -
SPEAKER ZONE 2
GREEN, LEFT +
GREEN/BLACK, LEFT -
PURPLE, RIGHT +
PURPLE/BLACK, RIGHT -

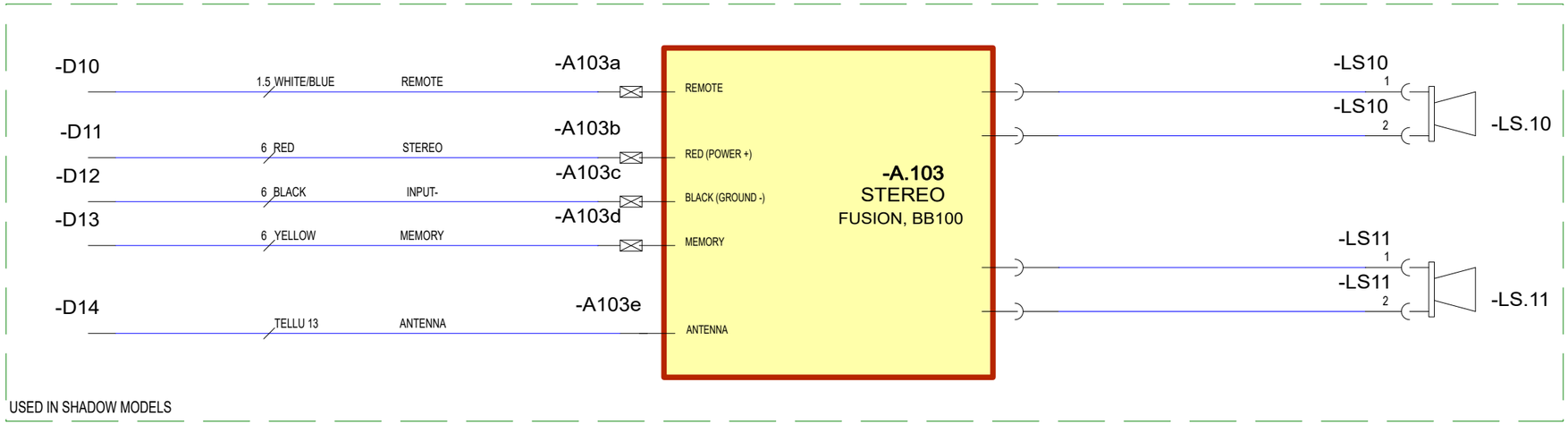
-A11c Z1L+/4 -LS1 1 -LS.1
-A11c Z1L-/4 -LS1 2
(SPEAKER CABLES YARD SUPPLY)
SPEAKER: ZONE 1L (PORT)
-A11c Z1R+/4 -LS2 1 -LS.2
-A11c Z1R-/4 -LS2 2
(SPEAKER CABLES YARD SUPPLY)
SPEAKER: ZONE 1R (STB)
-A11d Z2L+/4 -LS3 1 -LS.3
-A11d Z2L-/4 -LS3 2
(SPEAKER CABLES YARD SUPPLY)
SPEAKER: ZONE 2L (PORT)
-A11d Z2R+/4 -LS4 1 -LS.4
-A11d Z2R-/4 -LS4 2
(SPEAKER CABLES YARD SUPPLY)
SPEAKER: ZONE 2R (STB)
HULL H.

/66.D1 MAIN_DIRECT+ COPPER BAR
-F_X2d 1/1 4 RED 10022HQ
-D_F3 DIRECT+ 1
MEMORY 1 2
-D_F3 2 4 RED MEMORY 6/8 2634810
-X.2a
-F_X.2 -D_F.3 23807 15A AIC: 2500A
/74.A1 MAIN_DIRECT+ COPPER BAR
USED IN BASIC MODELS
-X2a 6/8 2635810 4 RED MEMORY /59.B4

/66.E1 MAIN_DIRECT+ COPPER BAR
-F_X2d- 1/1 4 RED 10022HQ
-D_F3- DIRECT+ 1
MEMORY 1 2
-D_F3- 2 4 RED MEMORY 6/8 2634810
-SH_X.2a
-F_X.2 -D_F.3- 23807 15A AIC: 2500A
/74.B1 MAIN_DIRECT+ COPPER BAR
USED IN SHADOW MODELS

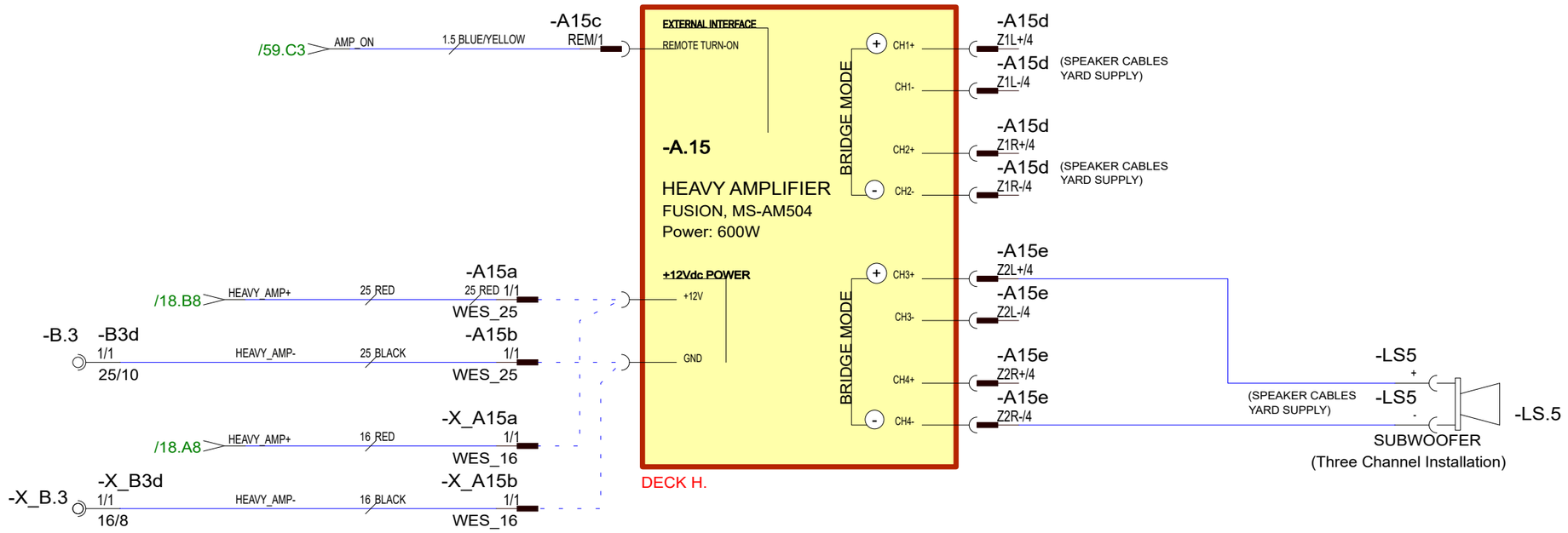
/66.F1 MAIN_DIRECT+ COPPER BAR
-F_X2d-- 1/1 4 RED 10022HQ
-D_F3-- DIRECT+ 1
MEMORY 1 2
-D_F3-- 2 4 RED MEMORY 6/8 2634810
-E_X.2a
-F_X.2 -D_F.3-- 88-15-A1B14-A00 15A
/74.C1 MAIN_DIRECT+ COPPER BAR
USED IN EU VERSION MODELS

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	STEREO - DIAGRAM	HL	59 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



10.10.2023	PF	F22: 2004916; Not modified	Date	6.11.2020	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		37 MY20	STEREO ADAPTER - DIAGRAM	HL	60 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

OPTIONAL, AUDIO UPGRADE 2



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	HEAVY AMPLIFIER - DIAGRAM	HL	61/ 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

BASIC MODELS WIT LIGHT PACK

-S_S.8_ 14077

/21.B3 SW8- 1 GREY -/5 -S_S8_ +/5 1.5 WHITE/BLUE 7/8

-X.7a_ 1/8 1.5 WHITE/BLUE -S_S8_ C/5 NO/5 1.5 WHITE/BLUE -X.7a_ 2/8

WIPER

/21.B7 SW8- 1 GREY -/5 -S_S.8- 14077 -S_S8- +/5 1.5 WHITE/BLUE WIP_SLOW -SH_X.7a 7/8 2634810

-SH_X.7a 1/8 1.5 WHITE/BLUE 2634810 -S_S8- C/5 NO/5 1.5 WHITE/BLUE WIP_REL_C -SH_X.7a 2/8 2634810

SHADOW MODELS

WIPER

/21.B5 SW8- 1 GREY -/5 -S_S8 14077 -S_S8 +/5 1.5 WHITE/BLUE WIP_SLOW -X.7a 7/8 2634810

-X.7a 1/8 1.5 WHITE/BLUE 2634810 -S_S8 C/5 NO/5 1.5 WHITE/BLUE WIP_REL_C -X.7a 2/8 2634810

BASIC MODELS

WIPER

CONTROL_2 /54.D4

/73.C4 CONTROL_2 1.5 WHITE/BLUE 1.5 WHITE/BLUE -X7a 1/8 2635810

-X7a 7/8 1.5 WHITE/BLUE WIP_SLOW

-X7a 2/8 1.5 WHITE/BLUE WIP_REL_C

-R_K.5 0332209150 12V, 20/30A

/64.D4 INPUT- 1.5 BLACK -R_K5 85/5 -R_K5 86/5 1.5 WHITE/BLUE WIP_REL_C -RL_X.1c 3/11 2639010 -RL_X1c 3/11 2638010

-X2c 2/11 4 RED 1/11 2638010 -RL_X1c 2638010 -RL_X.1c 1/11 4 RED WIPER+ 2639010 -R_K5 30/5 -R_K5 87/5 4 RED WIPER_FD

WIPER RELAY

RELAY UNIT

-RL_X.1c 10/11 2639010 -RL_X1c 10/11 2638010

-RL_X.2a -RL_X2a 4 RED

-RL_X.1c 2/11 4 RED WIP_SLOW 2639010 -RL_X1c 2/11 4 RED WIP_SLOW 3/8 2638010 -X4c 3/8 2635810 -X.4c 3/8 2634810

-RL_X.1c 7/11 4 RED WIP_SLOW 2639010 -RL_X1c 7/11 4 RED WIP_SLOW 4/8 2638010 -X4c 4/8 2635810 -X.4c 4/8 2634810

-RL_X.1c 8/11 4 RED WIP_SLOW 2639010 -RL_X1c 8/11 4 RED WIP_SLOW 5/8 2638010 -X4c 5/8 2635810 -X.4c 5/8 2634810

-RL_X.1c 9/11 4 RED WIP_SLOW 2639010 -RL_X1c 9/11 4 RED WIP_SLOW 6/8 2638010 -X4c 6/8 2635810 -X.4c 6/8 2634810

-F_X3c- -F_X3c 4 RED WIPER+ 2/11 -X.2c 2639010

-F_X3a -F_X.3a -F_X3a -F_X3b -F_X.3a -F_X3b 4 RED WIPER+ 10/11 -X.2e 2639010

-F22 WIPER INPUT+ 1 2 2 4 RED -F_X3a -F_X3a -F_X3b -F_X.3b 4 RED WIPER+ 11/11 -X.2e 2639010

-F_22 23809 25A AIC: 2500A

USED IN BASIC MODELS

-X2e 10/11 4 RED WIPER+ 2638010

11/11 4 RED WIPER+

-F_X3c- -F_X3c-SH_X.2c 4 RED WIPER+ 2/11 2639010

-F_X3a- -F_X.3c- -F_X3a- -F_X3b-SH_X.2e 4 RED WIPER+ 10/11

-F_X3b-SH_X.2e 4 RED WIPER+ 11/11 2639010

-F22- WIPER INPUT+ 1 2 2 4 RED -F_X3a- -F_X.3a- -F_X3b- -F_X.3b-

-F_22- 23809 25A AIC: 2500A

USED IN SHADOW MODELS

-F_X3c-- -F_X3c--E_X.2c 4 RED WIPER+ 2/11 2639010

-F_X3a-- -F_X.3c-- -F_X3a-- -F_X3b---E_X.2e 4 RED WIPER+ 10/11

-F_X3b---E_X.2e 4 RED WIPER+ 11/11 2639010

-F22-- WIPER INPUT+ 1 2 2 4 RED -F22--F_X3a-- -F_X.3a-- -F_X3b-- -F_X.3b--

-F_22-- 98-25-A1B13-A00 25A

USED IN EU VERSION MODELS

-X4c 2/8 -X.4c 2/8

-C_XG.3 15318 CABIN ROOF H. INPUT-

-C_XG3-10 1/1 4 BLACK KR4 -M16 INPUT- 1/6 2635610

-M16 2/6 4 RED WIP_SLOW 1/4 -C_X.9e 1/4 -X9e 1/4 4 RED WIP_SLOW

3/6 4 RED WIPER+ 2/4 2/4 4 RED WIPER+

6/6 4 RED WIP_SLOW 3/4 3/4 4 RED WIP_SLOW

5/6 (NOT CONNECTED) DTP04-4P-C015 DTP06-4S-C015

2635610

XC CROSS CABIN VARIANT

ON/OFF Switch conficuration:
Slow speed and Parkning only.
Fast speed and Dynamic Park disabled.

WIPER ROOF -M.16 ROCA W25 Power: 84W ROOF H.

-XG.2b- 15318 DECK H. INPUT- (STB)

-XG2b-9 1/1 4 BLACK KR4 -M11 INPUT- 1/6 2635610

-M11 2/6 4 RED WIP_SLOW

3/6 4 RED WIPER+

6/6 4 RED WIP_SLOW

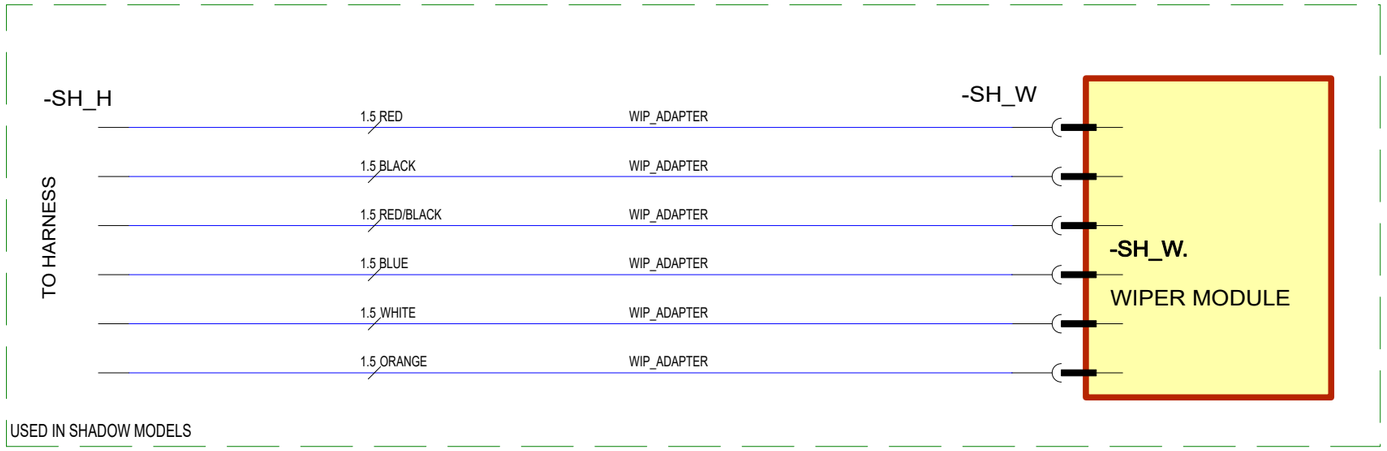
5/6 (NOT CONNECTED)

2635610

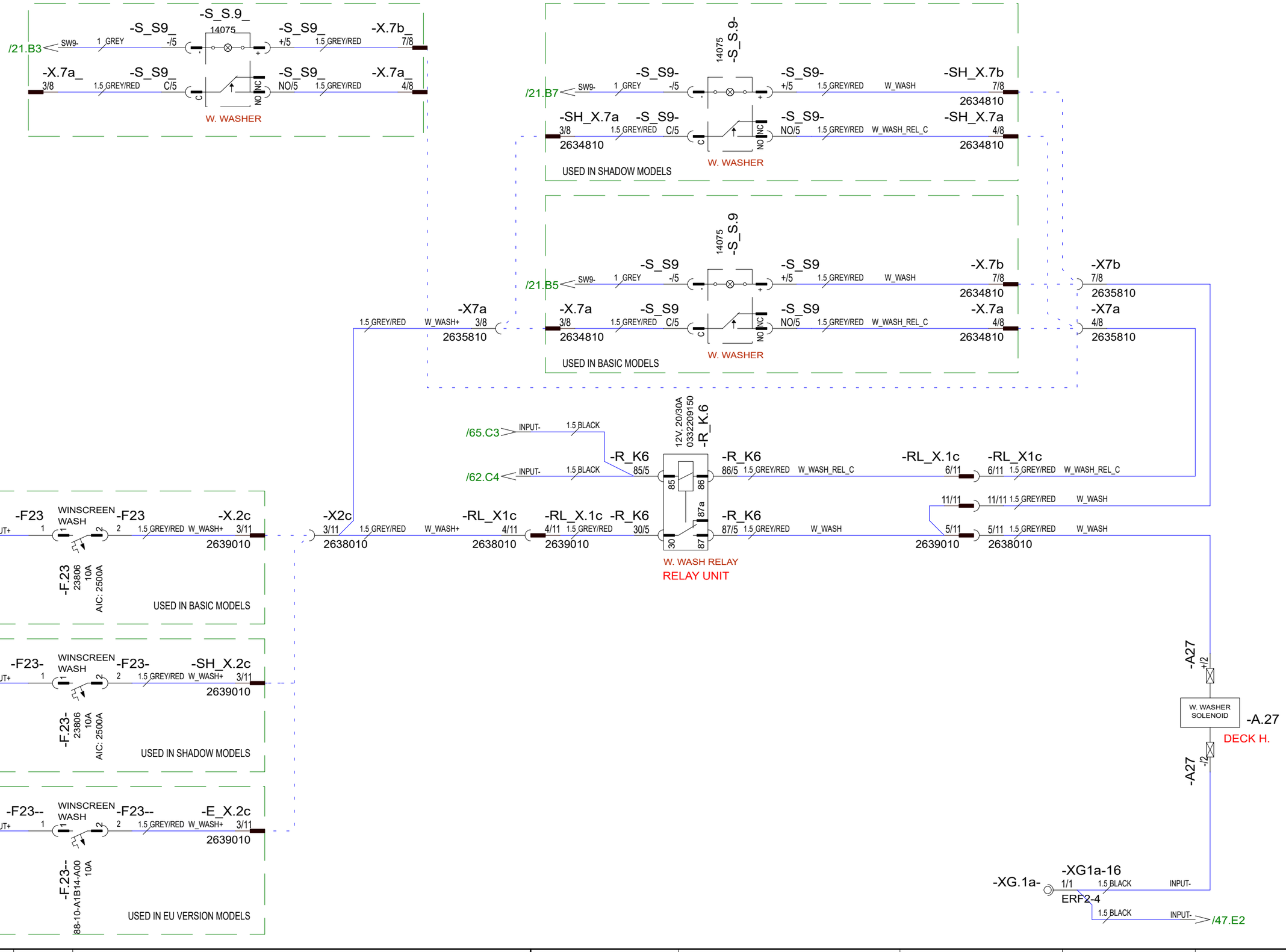
SPYDER & SUN-TOP VARIANT

WIPER DECK -M.11 ROCA W25 Power: 84W DECK H.

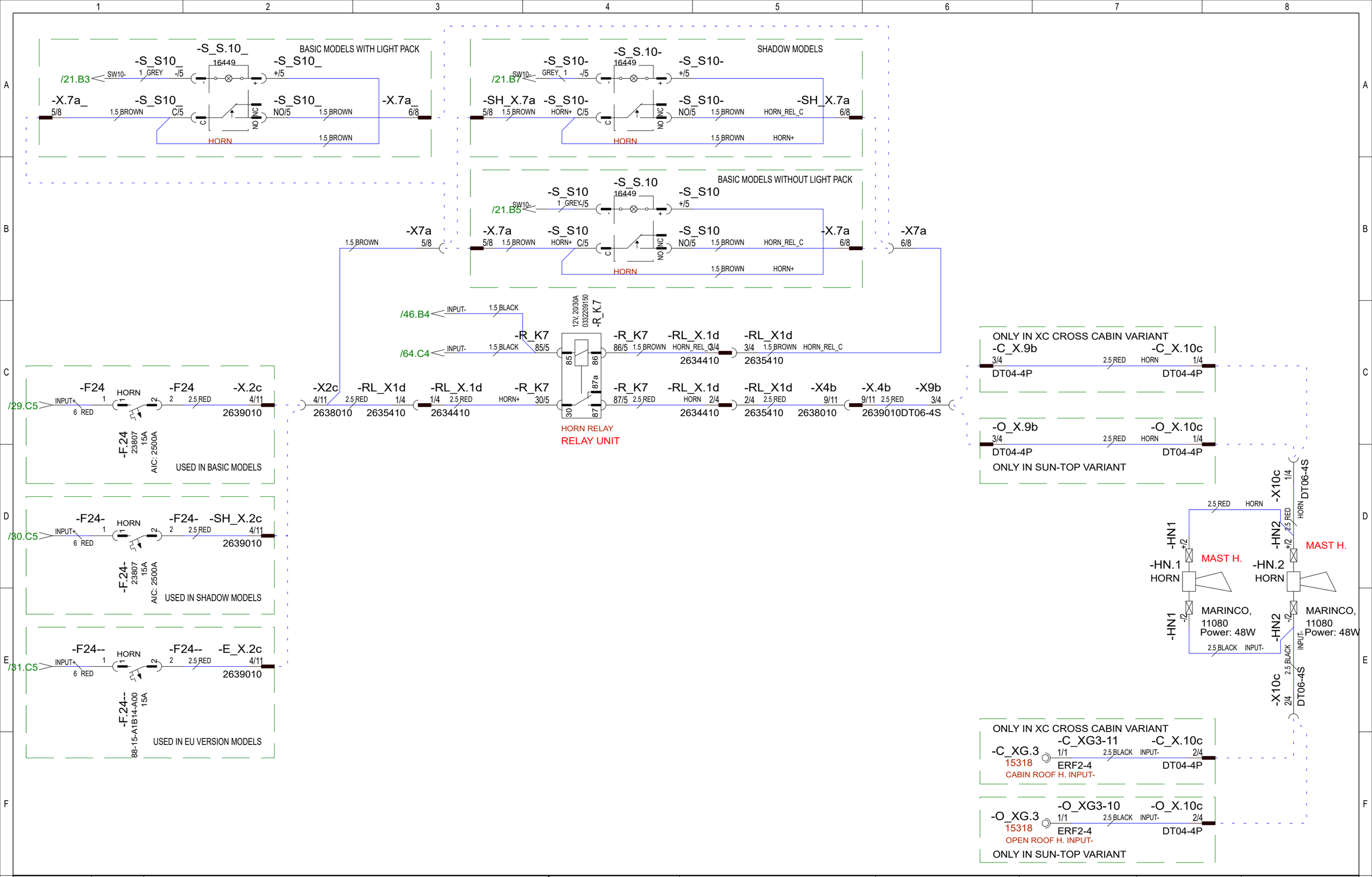
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; -S_S.8_ added	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	WIPERS - DIAGRAM	HL	62 / 210
Date of modification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



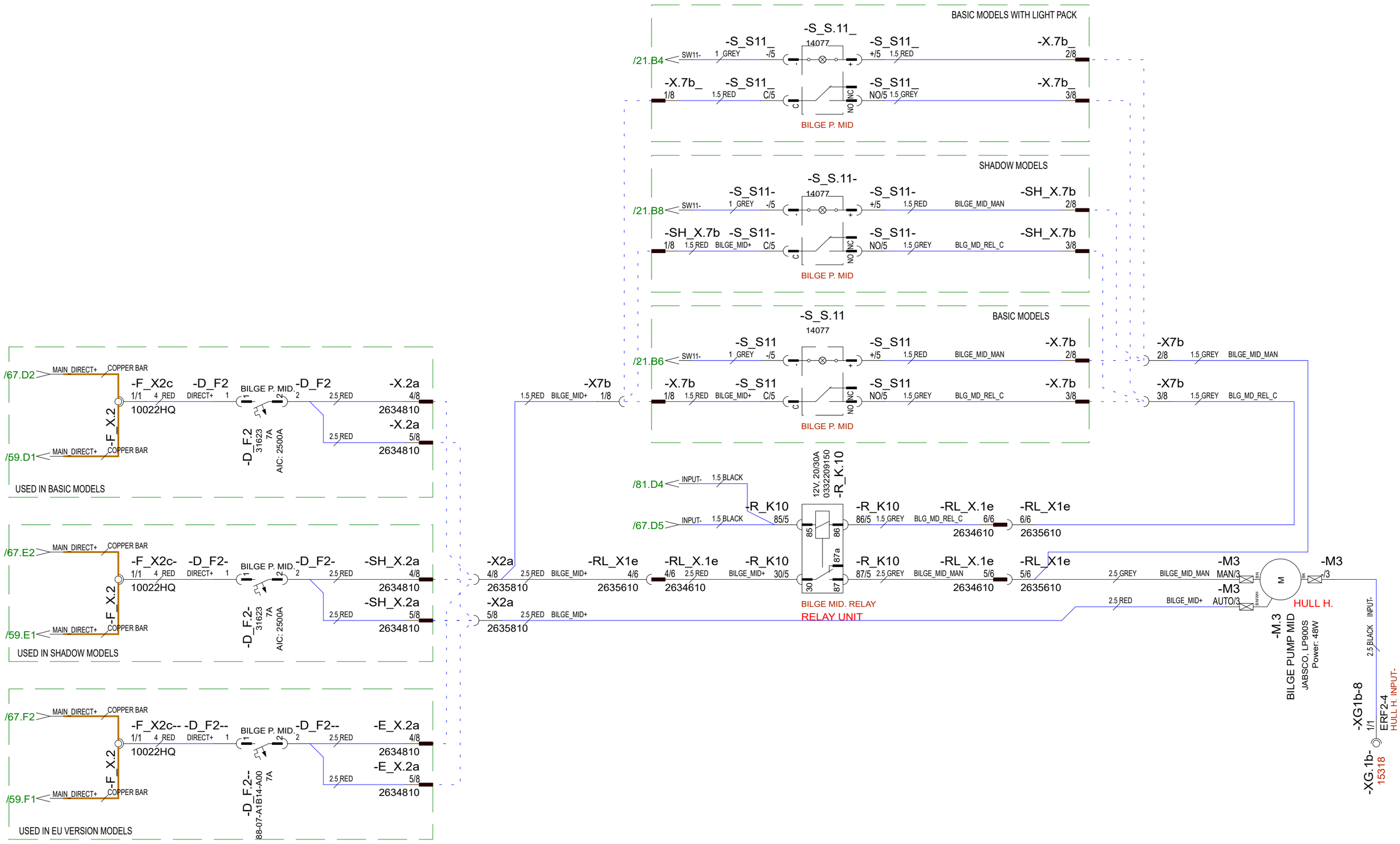
10.10.2023	PF	F22: 2004916; Not modified	Date 14.01.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev. 24		37 MY20	WIPER ADAPTER - DIAGRAM	HL	63 / 210
Date of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



10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	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 - DIAGRAM	HL	64 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	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
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



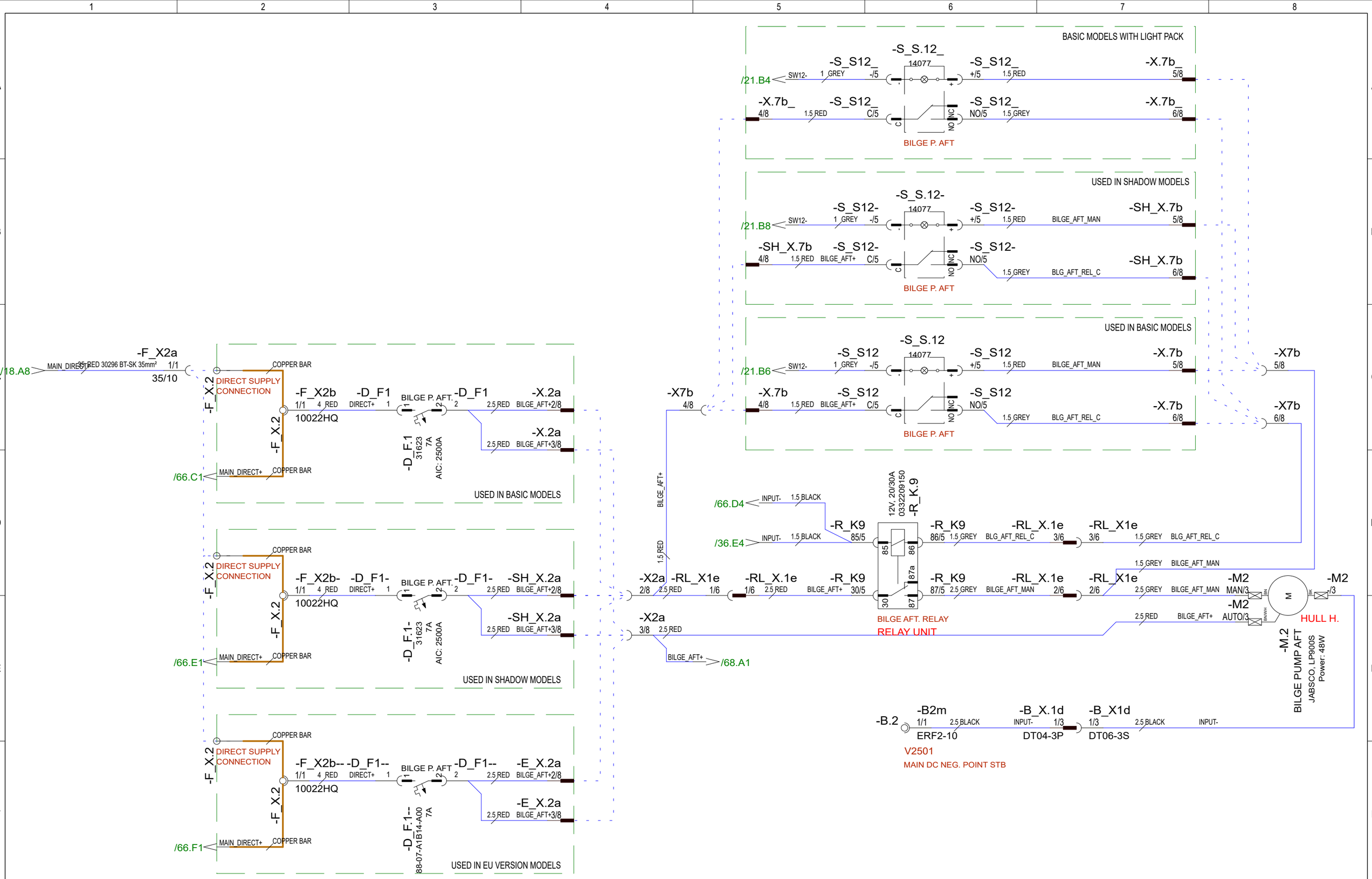
Date of modification	Modified by	Description
10.10.2023	PF	F22: 2004916; Not modified
20.2.2024	PF	G23; 2005054; -S_S.11_ added
18.6.2024	PF	G24: 2005139; Not modified

Date	14.1.2019
Drawing by	TuM
Sheet rev.	24
Project rev.	G

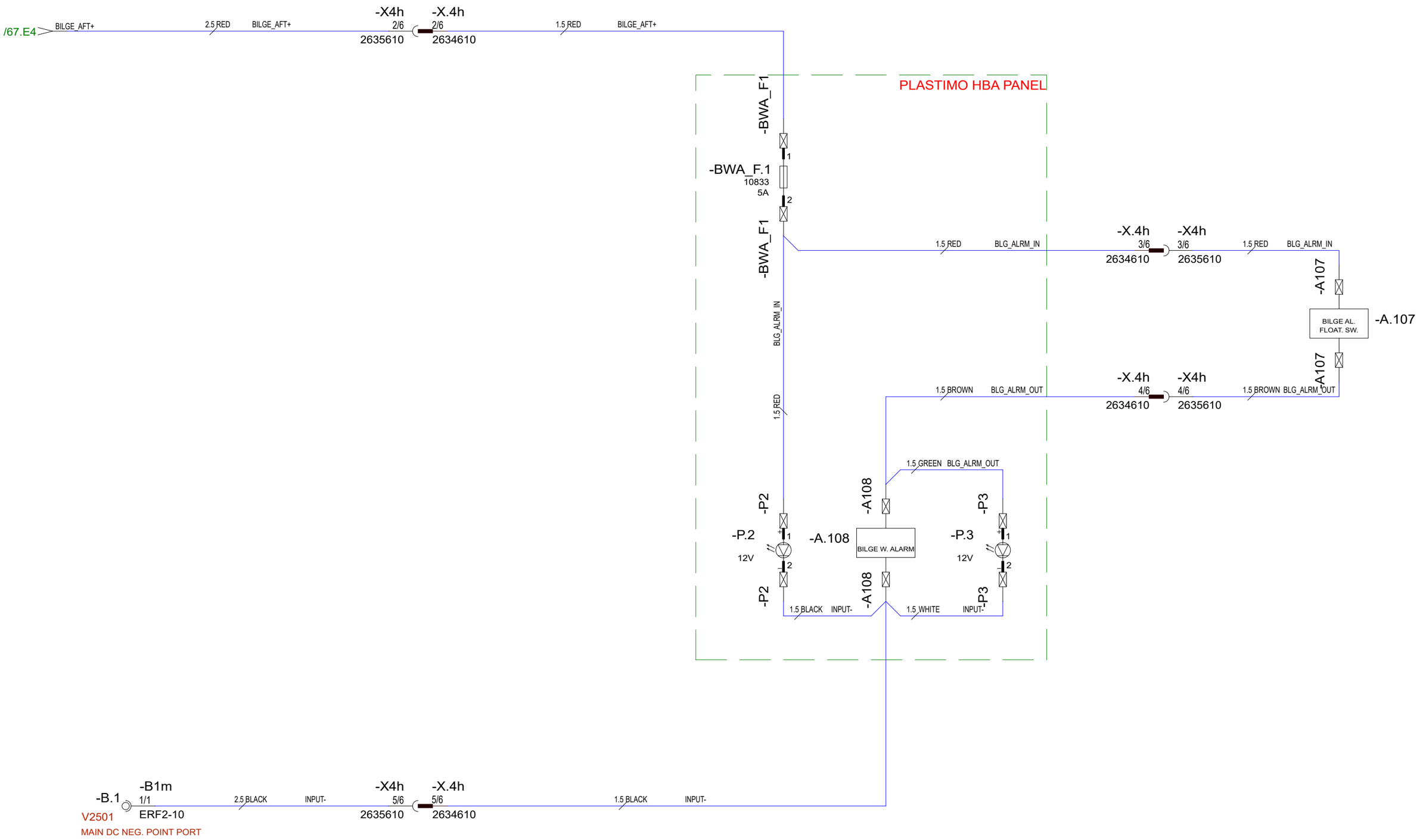
NAVIX designed solutions

Copyright by

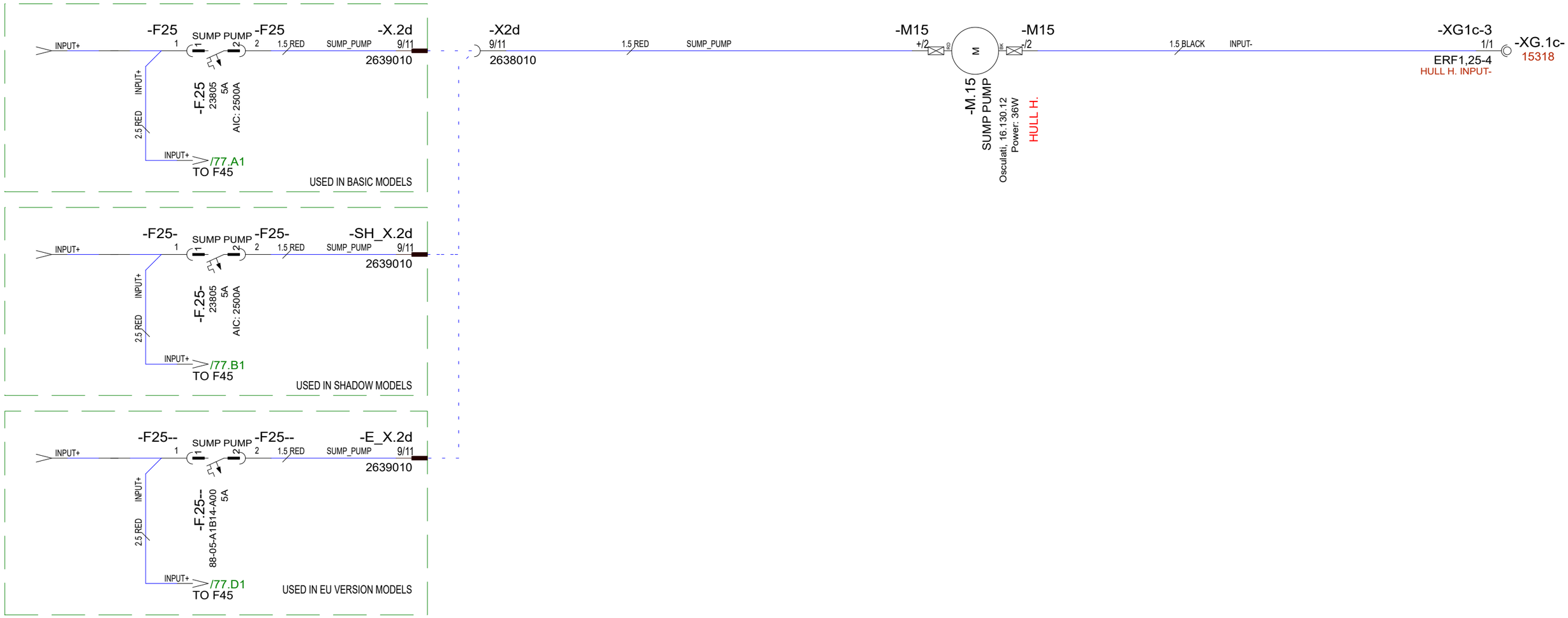
Axopar			
Boat	Sub-product code	Product code	Project ID
37 MY20	BILGE PUMP MID - DIAGRAM	HL	66 / 210
Boat model	Title	Loc	Sheet



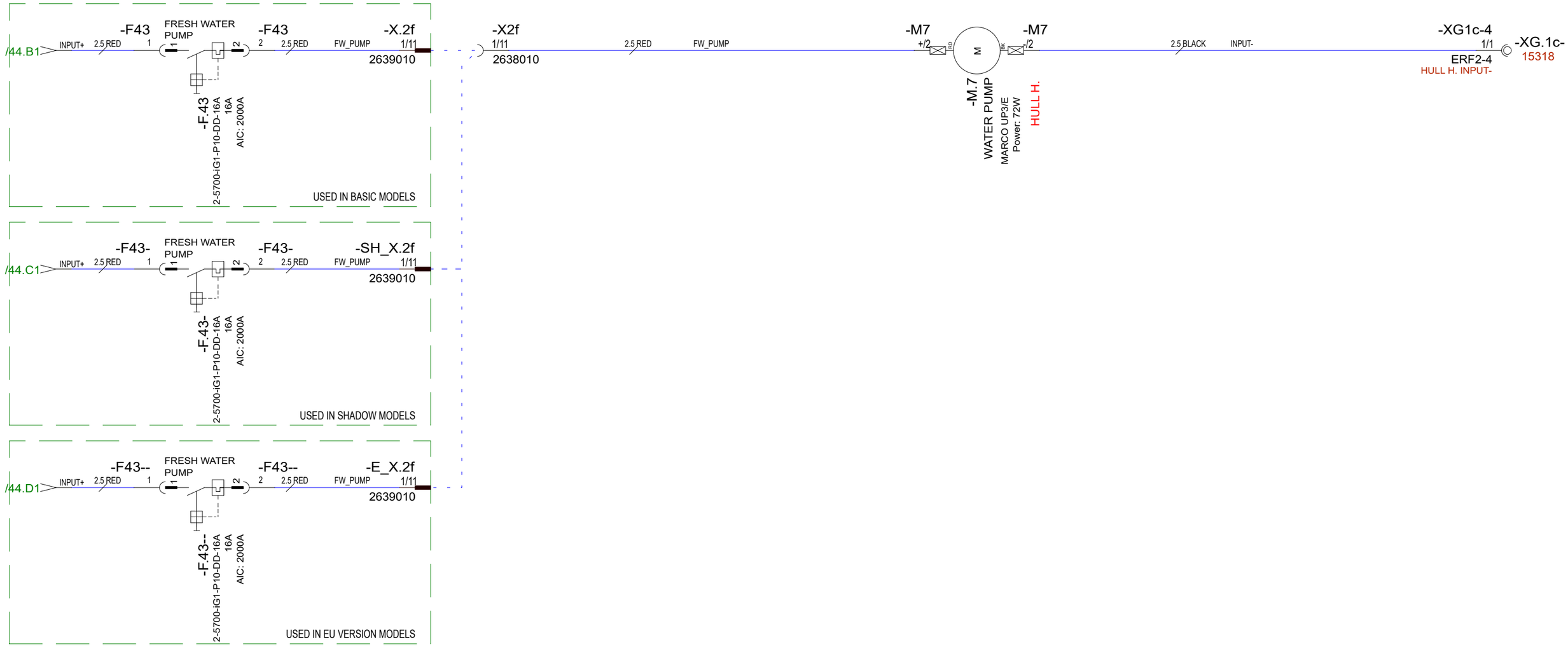
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; -S_S.12_ added	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	BILGE PUMP AFT - DIAGRAM	HL	67 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



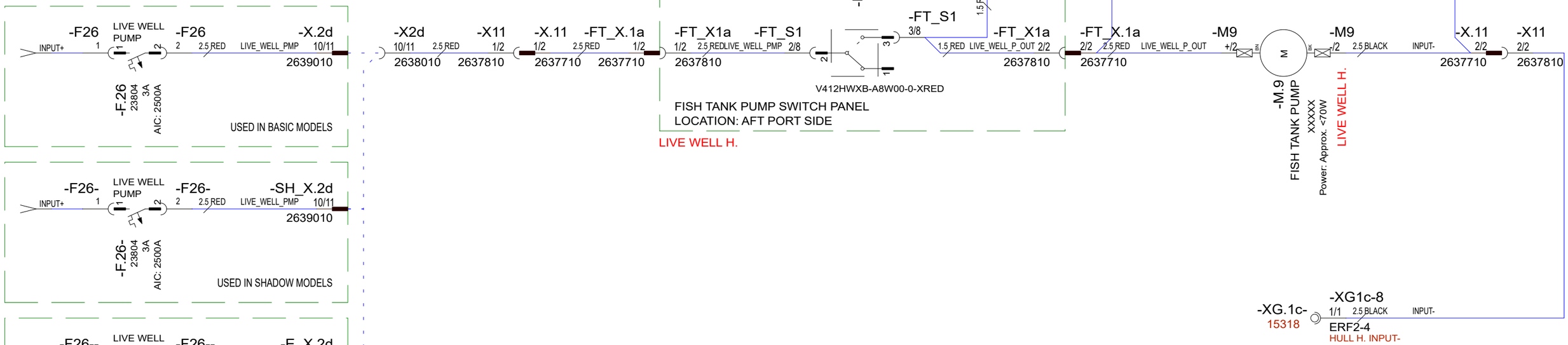
10.10.2023	PF	F22: 2004916; Not modified	Date	16.2.2023	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TT		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20 SHADOW	BILGE ALARM	HL	68 / 210
Date of modification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



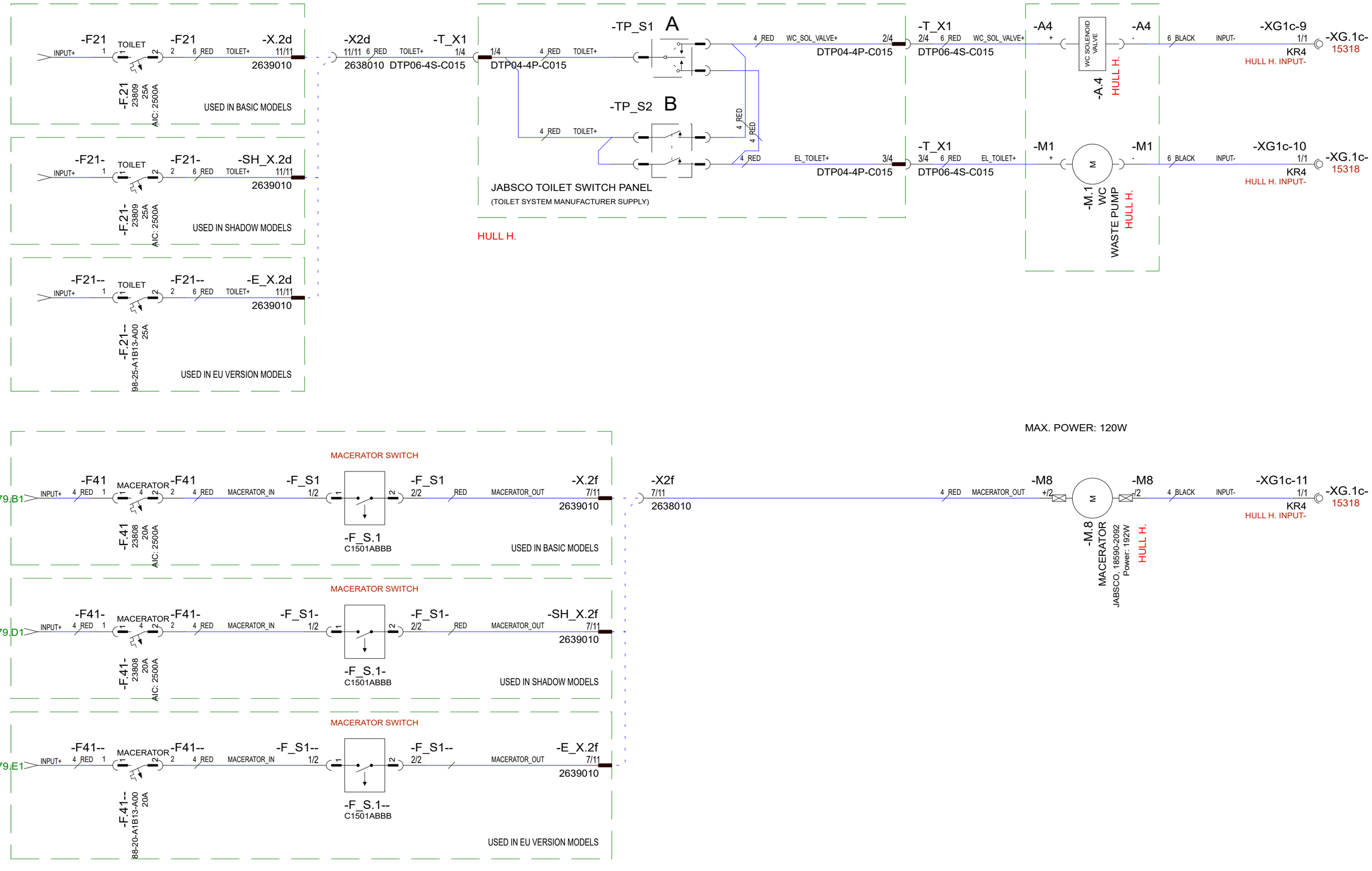
Date of modification	Modified by	Description						
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar				
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID	
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	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



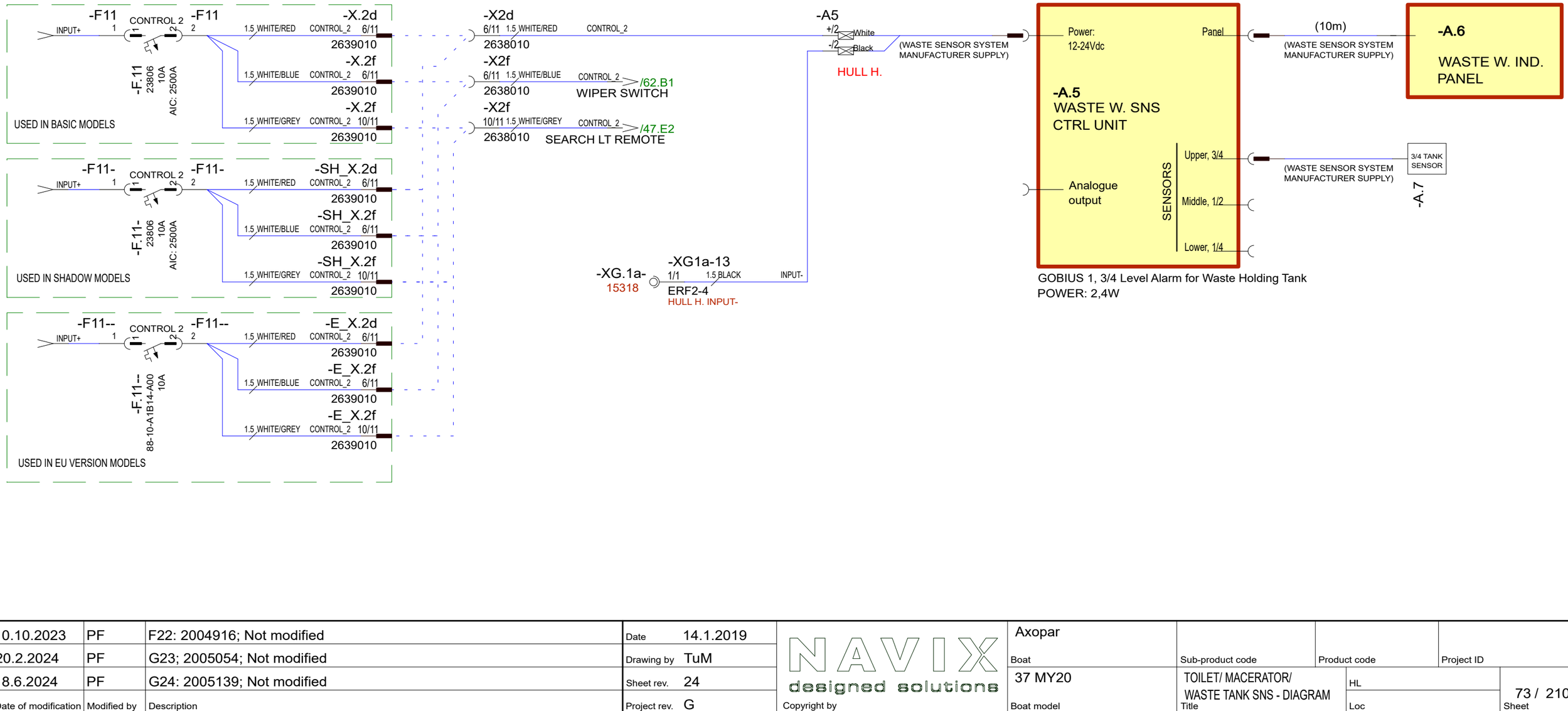
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	PUMPS - DIAGRAM	HL	70 / 210
Date of modification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



10.10.2023	PF	F22: 2004916; Not modified, 2004954; Livewell fuse to 3A+retrofit version	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	LIVE WELL PUMP - DIAGRAM	HL
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc / 71/ 210 Sheet



10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2021	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	TOILET/ MACERATOR/ WASTE TANK SNS - DIAGRAM	HL	72 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



GOBIUS 1, 3/4 Level Alarm for Waste Holding Tank
POWER: 2,4W

Date of modification	Modified by	Description
10.10.2023	PF	F22: 2004916; Not modified
20.2.2024	PF	G23; 2005054; Not modified
18.6.2024	PF	G24: 2005139; Not modified

Date	14.1.2019
Drawing by	TuM
Sheet rev.	24
Project rev.	G

NAVIX designed solutions
Copyright by

Axopar				
Boat	Sub-product code	Product code	Project ID	
37 MY20	TOILET/ MACERATOR/ WASTE TANK SNS - DIAGRAM	HL	73 / 210	
Boat model	Title	Loc	Sheet	

/59.D1 MAIN_DIRECT+ COPPER BAR
-F_X2e 1/1 6 RED
10022HQ
-F_X2
/55.A1 MAIN_DIRECT+ COPPER BAR
DIRECT+ 1
-D_F4 HEATER 1 2
-D_F4 2 6 BLUE HEATER 7/8
2634810
-D_F4 23808 20A AIC: 2500A
-X.2a 7/8
2634810
USED IN BASIC MODELS

/59.E1 MAIN_DIRECT+ COPPER BAR
-F_X2e- 1/1 6 RED
10022HQ
-F_X2
/55.B1 MAIN_DIRECT+ COPPER BAR
DIRECT+ 1
-D_F4- HEATER 1 2
-D_F4- 2 6 BLUE HEATER 7/8
2634810
-D_F4- 23808 20A AIC: 2500A
-SH_X.2a 7/8
2634810
USED IN SHADOW MODELS

/59.F1 MAIN_DIRECT+ COPPER BAR
-F_X2e-- 1/1 6 RED
10022HQ
-F_X2
/55.C1 MAIN_DIRECT+ COPPER BAR
DIRECT+ 1
-D_F4-- HEATER 1 2
-D_F4-- 2 6 BLUE HEATER 7/8
2634810
-D_F4-- 88-20-A1B13-A00 20A
-E_X.2a 7/8
2634810
USED IN EU VERSION MODELS

INPUT+ 1
-F9 HEATER CONTROL 1 2
-F9 2
-F.9 23804 3A AIC: 2500A
1.5 RED HEATER_C 8/8
2634810
-X.2a 8/8
2634810
USED IN BASIC MODELS

INPUT+ 1
-F9- HEATER CONTROL 1 2
-F9- 2
-F.9- 23804 3A AIC: 2500A
1.5 RED HEATER_C 8/8
2634810
-SH_X.2a 8/8
2634810
USED IN SHADOW MODELS

INPUT+ 1
-F9-- HEATER CONTROL 1 2
-F9-- 2
-F.9-- 88-03-A1B14-A00 3A
1.5 RED HEATER_C 8/8
2634810
-E_X.2a 8/8
2634810
USED IN EU VERSION MODELS

-X2a 8/8
2635810
-X2a 7/8
2635810

6 BLUE HEATER -X4d 4/11 -X.4d 4/11 6 BLUE HEATER -A19 1/4
1.5 RED HEATER_C 5/11 5/11 1.5 RED HEATER_C 2/4
6 BLACK INPUT- 2638010 2639010 6 BLACK INPUT- 3/4
2635410

RED (+)
RED (CONTROL)
BROWN (-)
-A.19
HEATER

Power: Approx. 170W
WEBASTO AIR TOP EVO 40/55
DECK H.

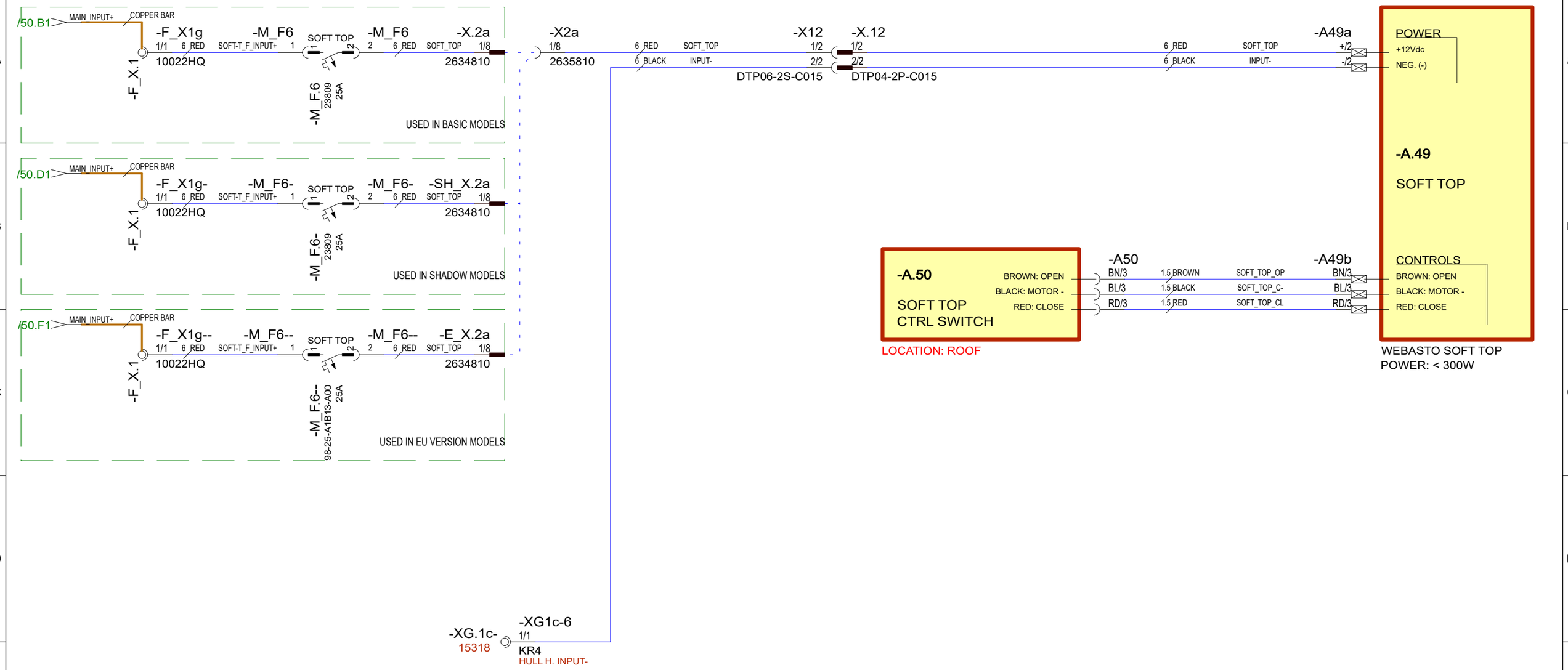
-XG.2b- 15318 -XG2b-11 1/1 KR4
DECK H. INPUT- (STB)

Date of modification	Modified by	Description
10.10.2023	PF	F22: 2004916; Not modified
20.2.2024	PF	G23; 2005054; Not modified
18.6.2024	PF	G24: 2005139; Not modified

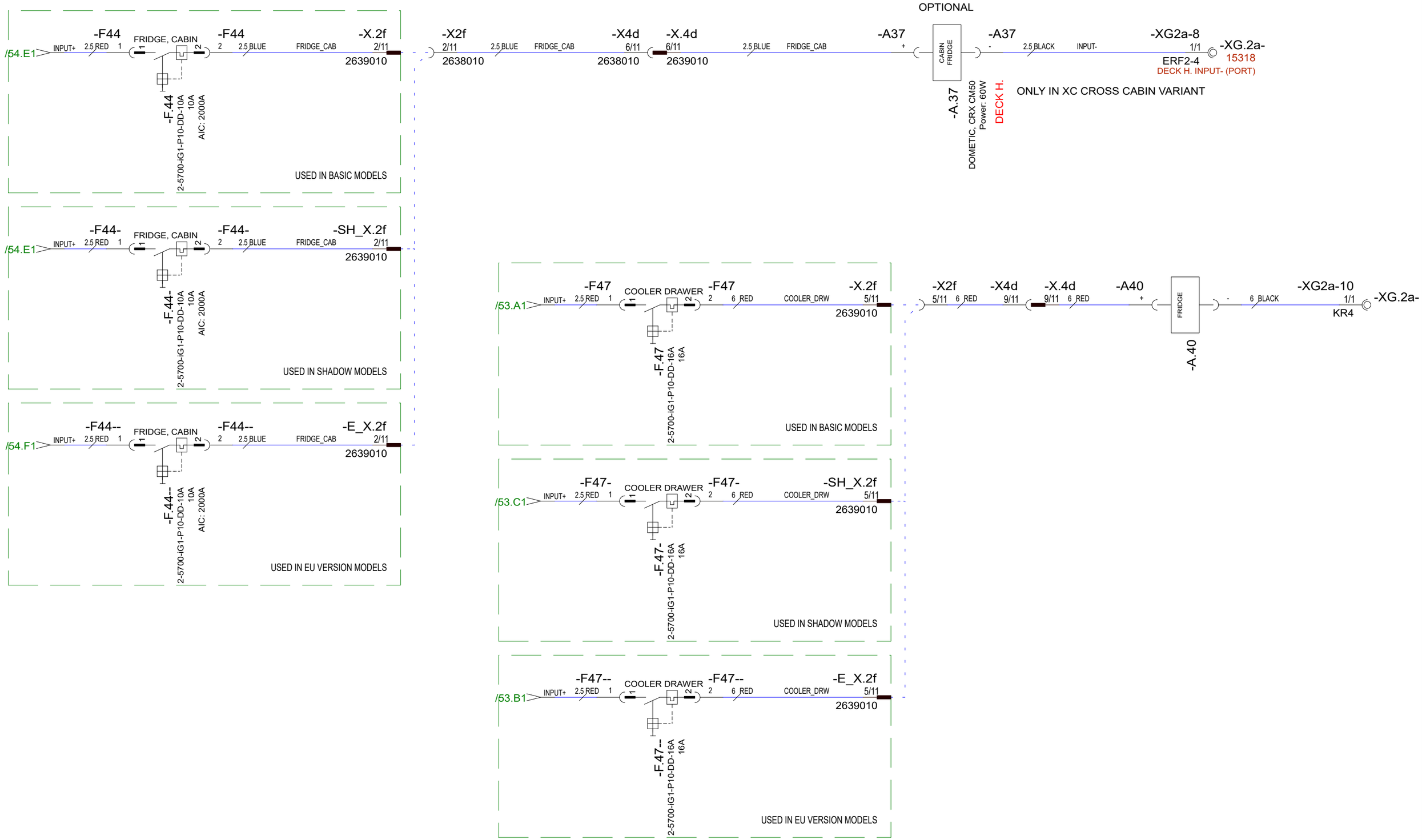
Date 14.1.2019
Drawing by TuM
Sheet rev. 24
Project rev. G

NAVIX designed solutions
Copyright by

Boat: Axopar
Sub-product code:
Product code:
Project ID:
Boat model: 37 MY20
Title: HEATER - DIAGRAM
Loc: HL
Sheet: 74 / 210



10.10.2023	PF	F22: 2004916; Not modified	Date	5.4.2019	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	SOFT TOP - DIAGRAM	HL	75 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

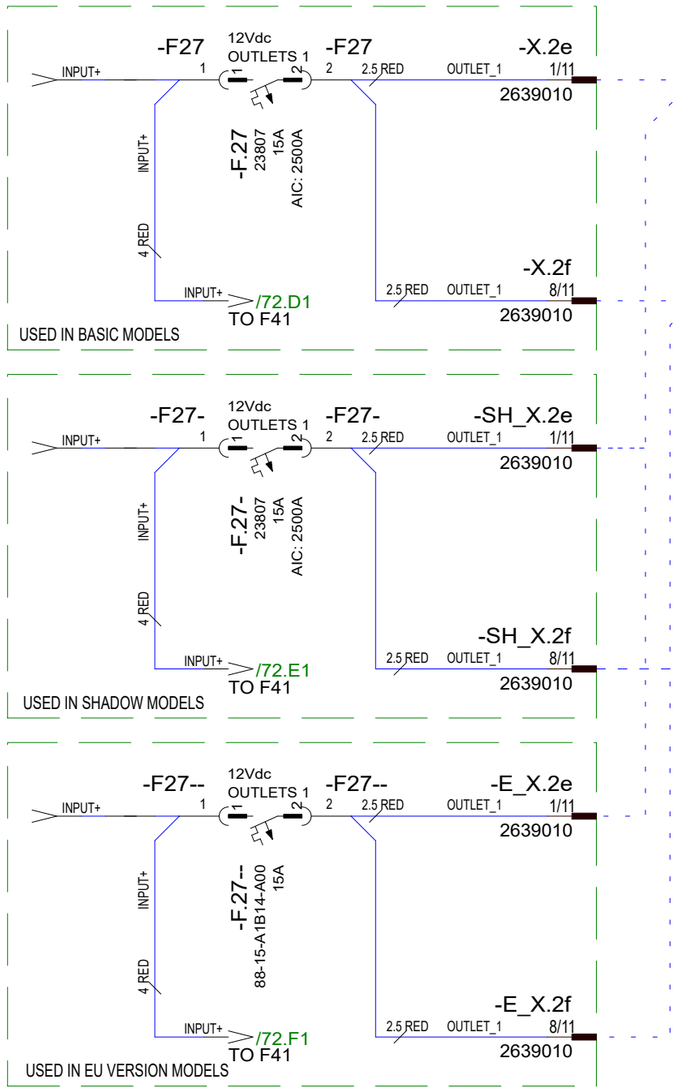


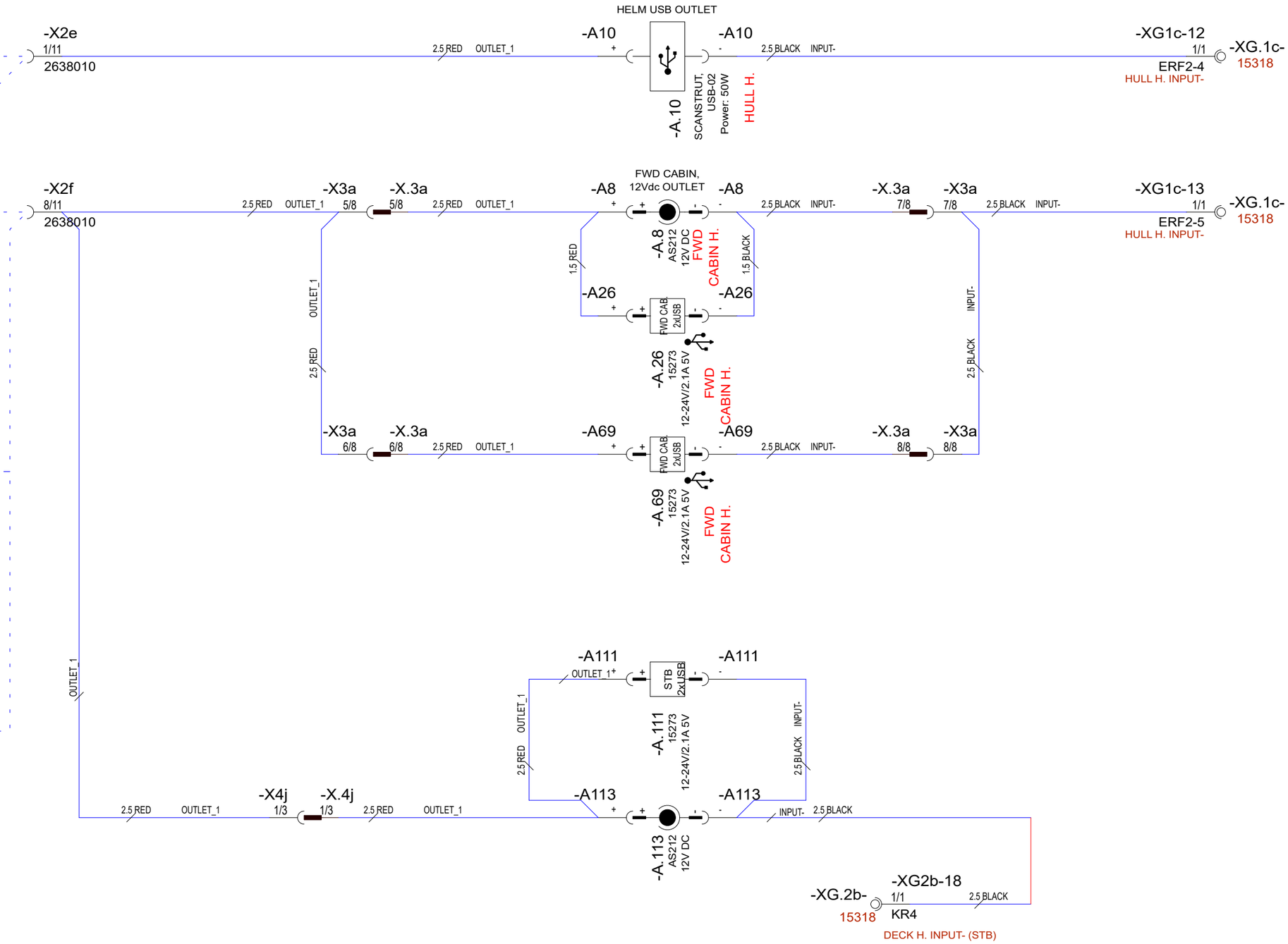
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; A40 Cooler/fridge 10A -> 16A, wiring added	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	REFRIGERATORS - DIAGRAM	HL	76 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

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

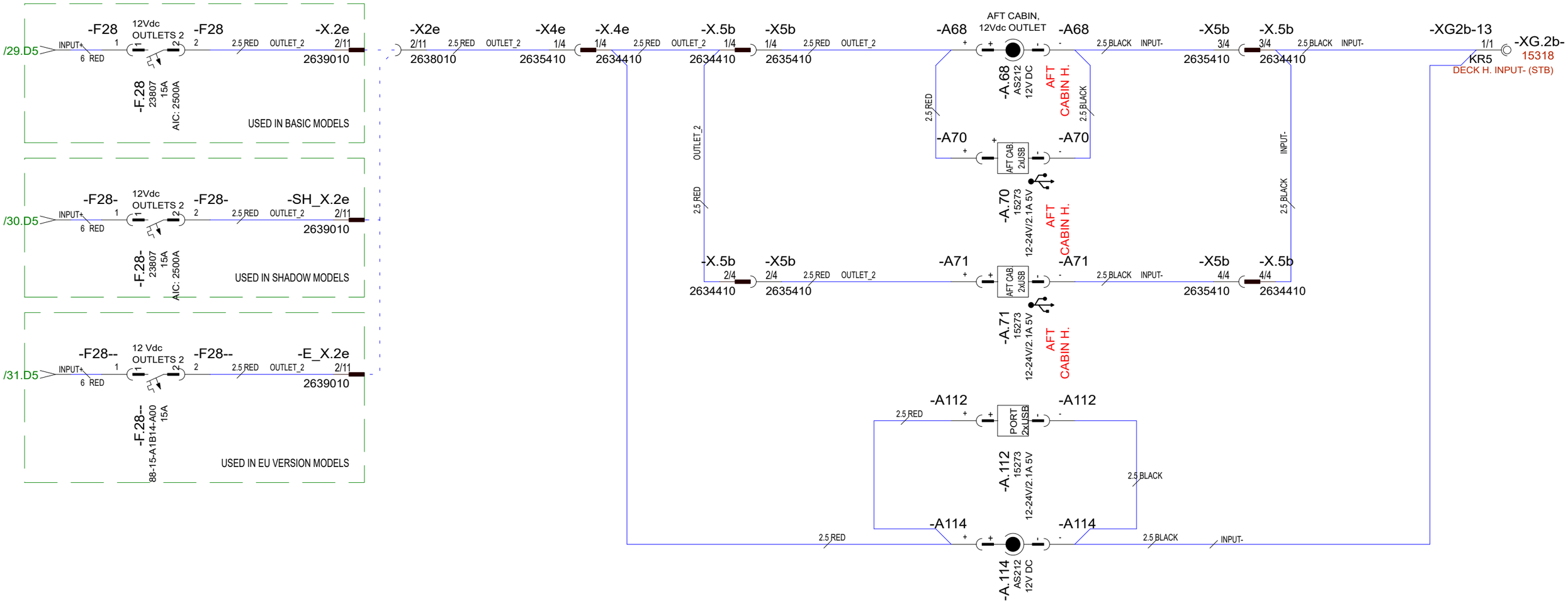
NAVIX designed solutions
Copyright by

10.10.2023	PF	F22: 2004916; Not modified	Date 23.04.2020	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		37 MY20	REFRIGERATORS - DIAGRAM	HL	78 / 210
Date of modification	Modified by	Description	Project rev. G	Copyright by	Boat model	Title	Loc	Sheet

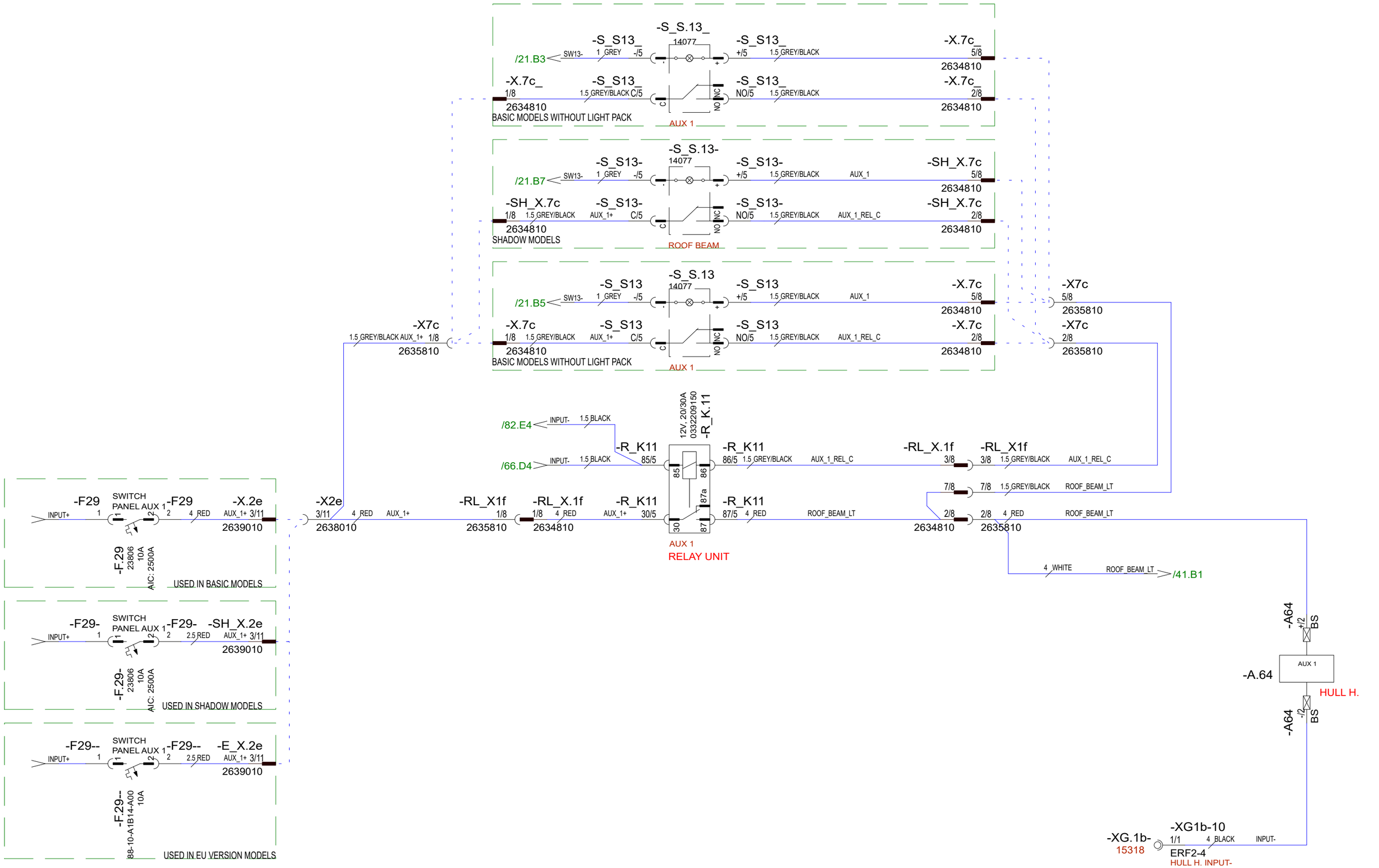




10.10.2023	PF	F22: 2004916; Added A111, A113 & X4j	Date	14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Wire sizes	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	12Vdc OUTLETS/ USB - DIAGRAM	HL	79 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



10.10.2023	PF	F22: 2004916; Added A112&A114	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	12Vdc OUTLETS/ USB - DIAGRAM	HL	80 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



Date of modification	Modified by	Description
10.10.2023	PF	F22: 2004916; Not modified
20.2.2024	PF	G23; 2005054; -S_S.13_ added
18.6.2024	PF	G24: 2005139; Not modified

Date	14.1.2019
Drawing by	TuM
Sheet rev.	24
Project rev.	G

NAVIX designed solutions

Copyright by

Axopar			
Boat	Sub-product code	Product code	Project ID
37 MY20	AUX 1 - DIAGRAM	HL	81/ 210
Boat model	Title	Loc	Sheet

BASIC MODELS WITH LIGHT PACK

-S_S14-2_ /21.C3 SW14- 1 GREY -/5

-X.7d_ 1/2 1.5 WHITE/BLACK -S_S14-2_ C/5

-S_S14-2_ +/5 1.5 WHITE -X.7d_ 2/2

-S_S14-2_ NO/5 1.5 BLACK INPUT- /21.A3

-S_S.14_ 14077

-X.7c_ +/5 1.5 PURPLE/BLACK 6/8

-X.7c_ NO/5 1.5 PURPLE/BLACK 4/8

/21.C3 SW14- 1 GREY -/5

-X.7c_ 3/8 1.5 PURPLE/BLACK C/5

AUX 2

ALTERNATIVE 2:
ISM CONNECTION. DEFAULT IN SHADOW MODEL
(FOR BOW TH ON-OFF CONTROL SWITCH)

-S_S14-2- /21.C7 SW14- 1 GREY -/5

-SH_X.7d 1/2 2637710 -S_S14-2- 1.5 WHITE/BLACK C/5

-S_S.14- 14075

-S_S14-2- +/5 1.5 WHITE ISM_B_TH_SW_L+ -SH_X.7d 2/2 2637710

-S_S14-2- NO/5 1.5 BLACK INPUT- INPUT- /21.A7

BOW THRUSTER

-S_S14-1- /21.C7 SW14- 1 GREY -/5

-SH_X.7c 3/8 2634810 -S_S14-1- 1.5 PURPLE/BLACK AUX_2+ C/5

-S_S14-1- +/5 1.5 PURPLE/BLACK AUX_2 -SH_X.7c 6/8 2634810

-S_S14-1- NO/5 1.5 PURPLE/BLACK AUX_R_C/BOW_TH -SH_X.7c 4/8 2634810

ALTERNATIVE 1:
OPTIONAL CONNECTION IN SHADOW MODEL

USED IN SHADOW MODELS

ALTERNATIVE 2:
ISM CONNECTION. OPTIONAL IN BASIC MODEL
(FOR BOW TH ON-OFF CONTROL SWITCH)

-S_S14-2 /21.C5 SW14- 1 GREY -/5

-X.7d 1/2 2637710 -S_S14-2 1.5 WHITE/BLACK C/5

-S_S14-2 +/5 1.5 WHITE ISM_B_TH_SW_L+ -X.7d 2/2 2637710

-S_S14-2 NO/5 1.5 BLACK INPUT- INPUT- /21.A5

-X7d 2/2 1.5 WHITE ISM_B_TH_SW_L+ /56.E6 2637810

/56.D6 ISM_BOW_TH_C 1.5 WHITE/BLACK -X7d 1/2 2637810

-S_S14-1 /21.C5 SW14- 1 GREY -/5

-X.7c 3/8 2634810 -S_S14-1 1.5 PURPLE/BLACK AUX_2+ C/5

-S_S.14 14077

-S_S14-1 +/5 1.5 PURPLE/BLACK AUX_2 -X.7c 6/8 2634810

-S_S14-1 NO/5 1.5 PURPLE/BLACK AUX_R_C/BOW_TH -X.7c 4/8 2634810

-X7c 6/8 2635810

-X7c 4/8 2635810

AUX 2

ALTERNATIVE 1:
DEFAULT CONNECTION. IN BASIC MODEL

USED IN BASIC MODELS

-X7c 3/8 2635810

1.5 PURPLE/BLACK AUX_2+

-X2e 4/11 2638010 2.5 RED AUX_2+

-RL_X1f 4/8 2635810 -RL_X.1f 4/8 2.5 RED 2634810 AUX_2+

-R_K12 /81.C4 INPUT- 1.5 BLACK 85/5

/54.A3 INPUT- 1.5 BLACK

-R_K12 85 86 87a 30 87

-R_K12 86/5 1.5 PURPLE/BLACK AUX_R_C/BOW_TH -RL_X.1f 6/8 6/8 1.5 PURPLE/BLACK AUX_R_C/BOW_TH

8/8 8/8 1.5 PURPLE/BLACK AUX_2

-R_K12 30/5 87/5 2.5 RED AUX_2 5/8 2634810 5/8 2.5 RED 2635810 AUX_2

-R_K.12 AUX 2 RELAY
0332209150 RELAY UNIT
12V, 20/30A

-A65 +/2 BS

-A.65 AUX 2

-A65 -/2 BS HULL H.

-XG.1b- 15318 -XG1b-11 1/1 2.5 BLACK INPUT-

ERF2-4
HULL H. INPUT-

-F30 SWITCH PANEL AUX 2 -F30 -X.2e INPUT+ 1 1 2 2 2.5 RED AUX_2+ 4/11 2639010

-F.30 23806 10A AIC: 2500A

USED IN BASIC MODELS

-F30- SWITCH PANEL AUX 2 -F30- -SH_X.2e INPUT+ 1 1 2 2 2.5 RED AUX_2+ 4/11 2639010

-F.30- 23806 10A AIC: 2500A

USED IN SHADOW MODELS

-F30-- SWITCH PANEL AUX 2 -F30-- -E_X.2e INPUT+ 1 1 2 2 2.5 RED AUX_2+ 4/11 2639010

-F.30-- 88-10-A1B14-A00 10A

USED IN EU VERSION MODELS

Date of modification	Modified by	Description
10.10.2023	PF	F22: 2004916; Not modified
20.2.2024	PF	G23; 2005054; -S_S.14_ added
18.6.2024	PF	G24: 2005139; Not modified

Date 14.1.2019
Drawing by TuM
Sheet rev. 24
Project rev. G

NAVIX designed solutions
Copyright by

Axopar
Boat

37 MY20
Boat model

Sub-product code

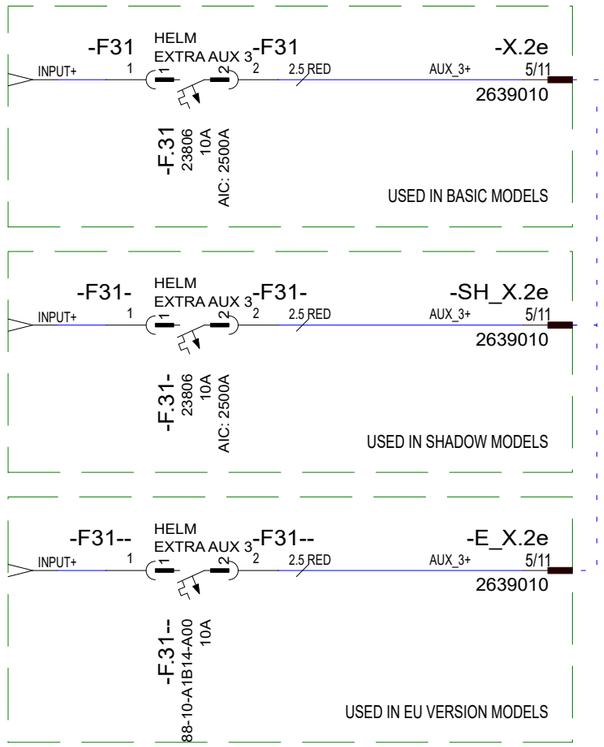
Product code

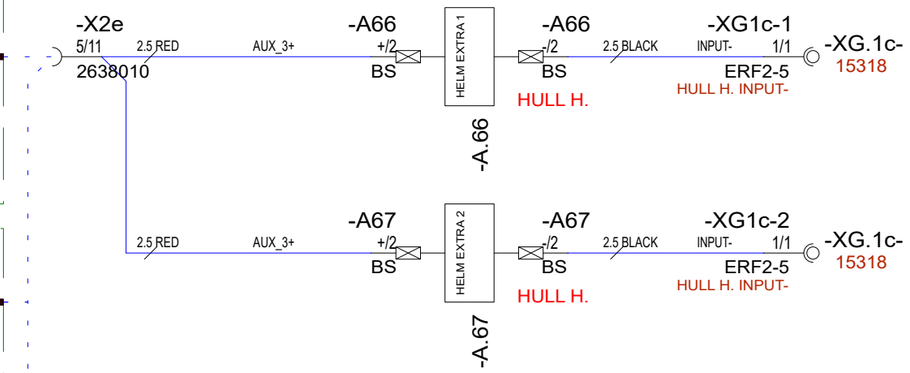
Project ID

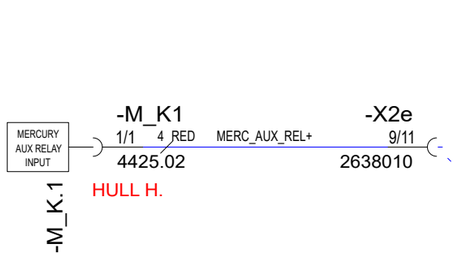
AUX 2/BOW THRUSTER - DIAGRAM
Title

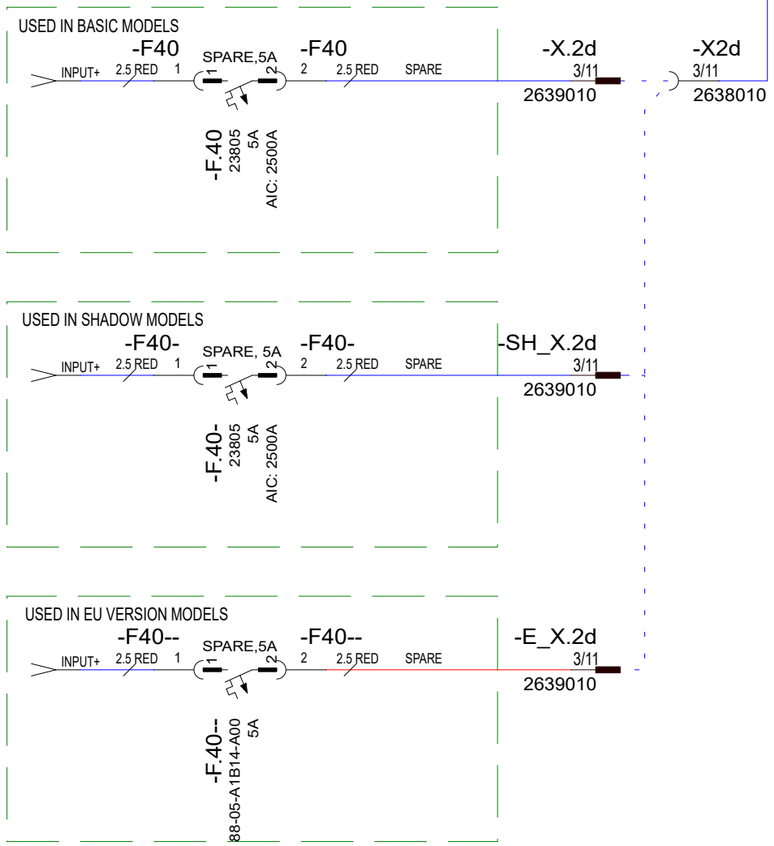
HL
Loc

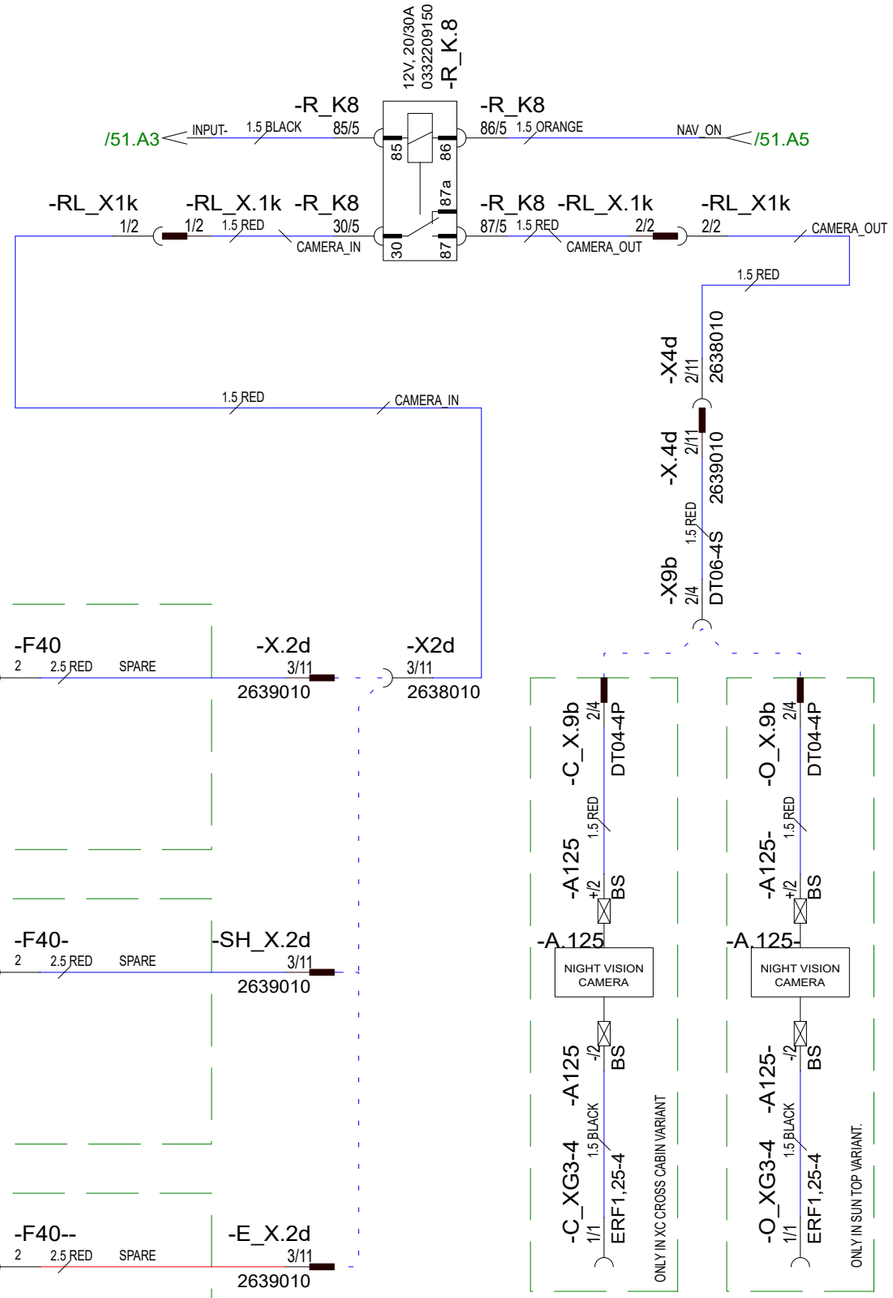
82 / 210
Sheet







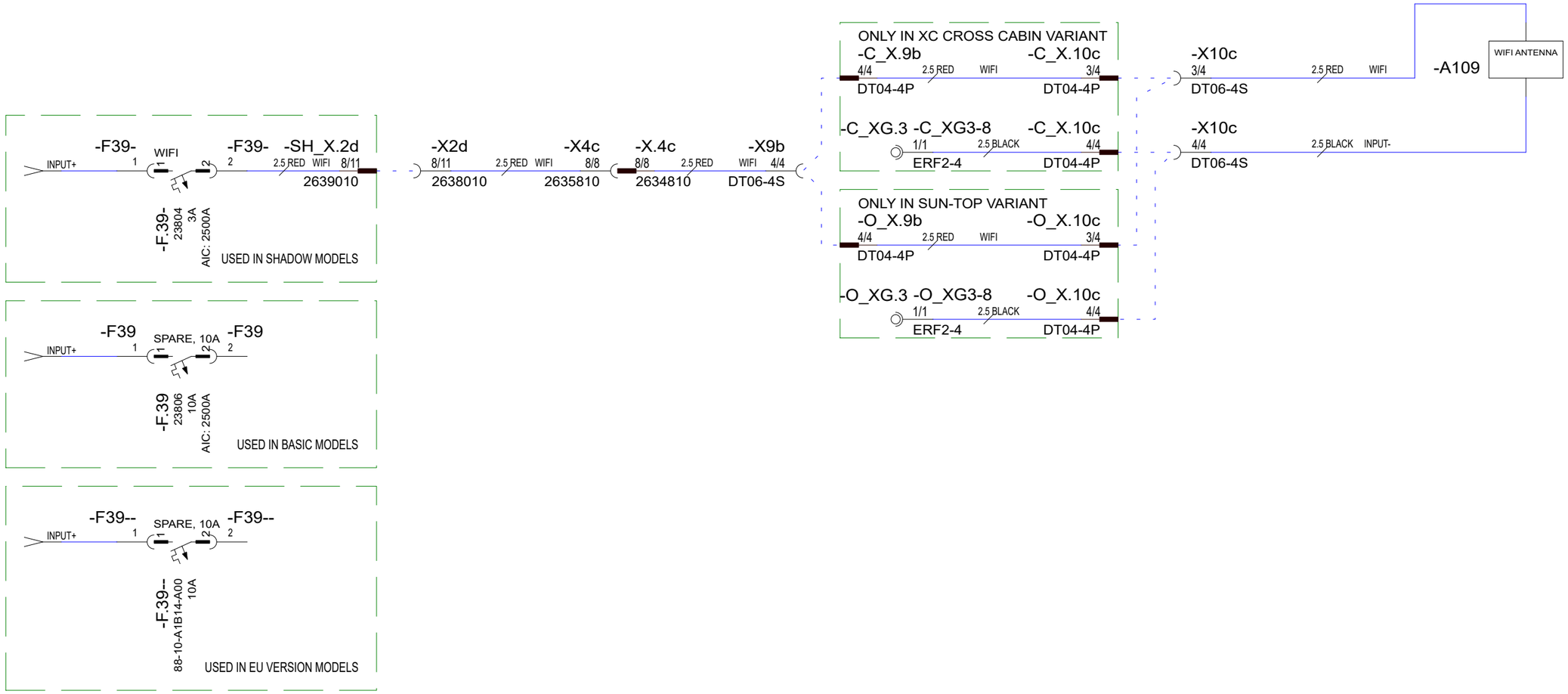




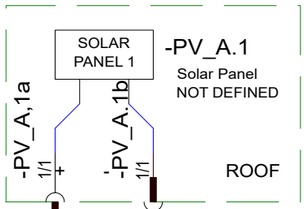
Date of modification	Modified by	Description					
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	Axopar		
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM	Boat	Sub-product code	Product code / Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24	37 MY20	AUX 3, SPARE, EXTRA,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

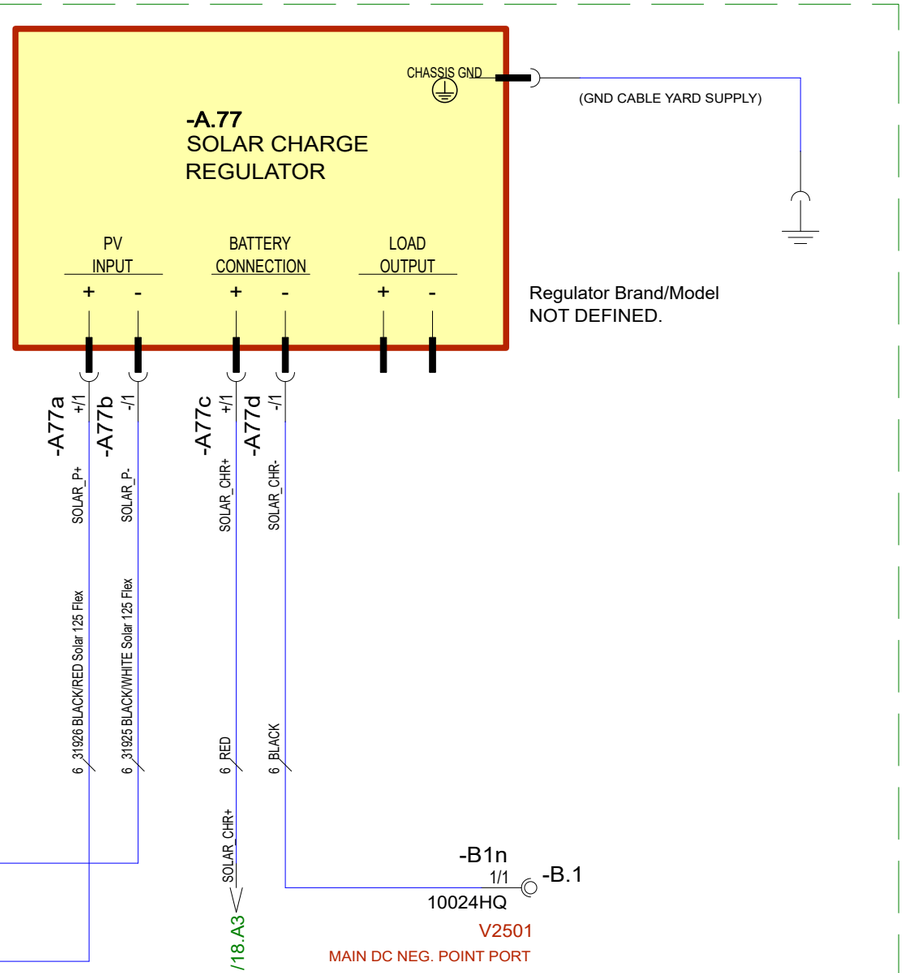
NAVIX designed solutions

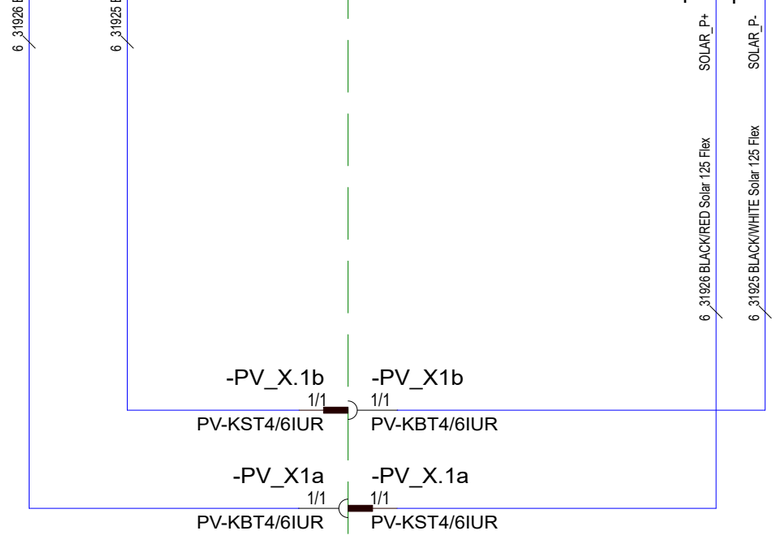
Copyright by



Date of modification	Modified by	Description						
10.10.2023	PF	F22: 2004916; Not modified	Date	15.06.2021	Copyright by	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		37 MY20	WIFI - DIAGRAM	HL / 84 / 210
			Project rev.	G		Boat model	Title	Loc / Sheet



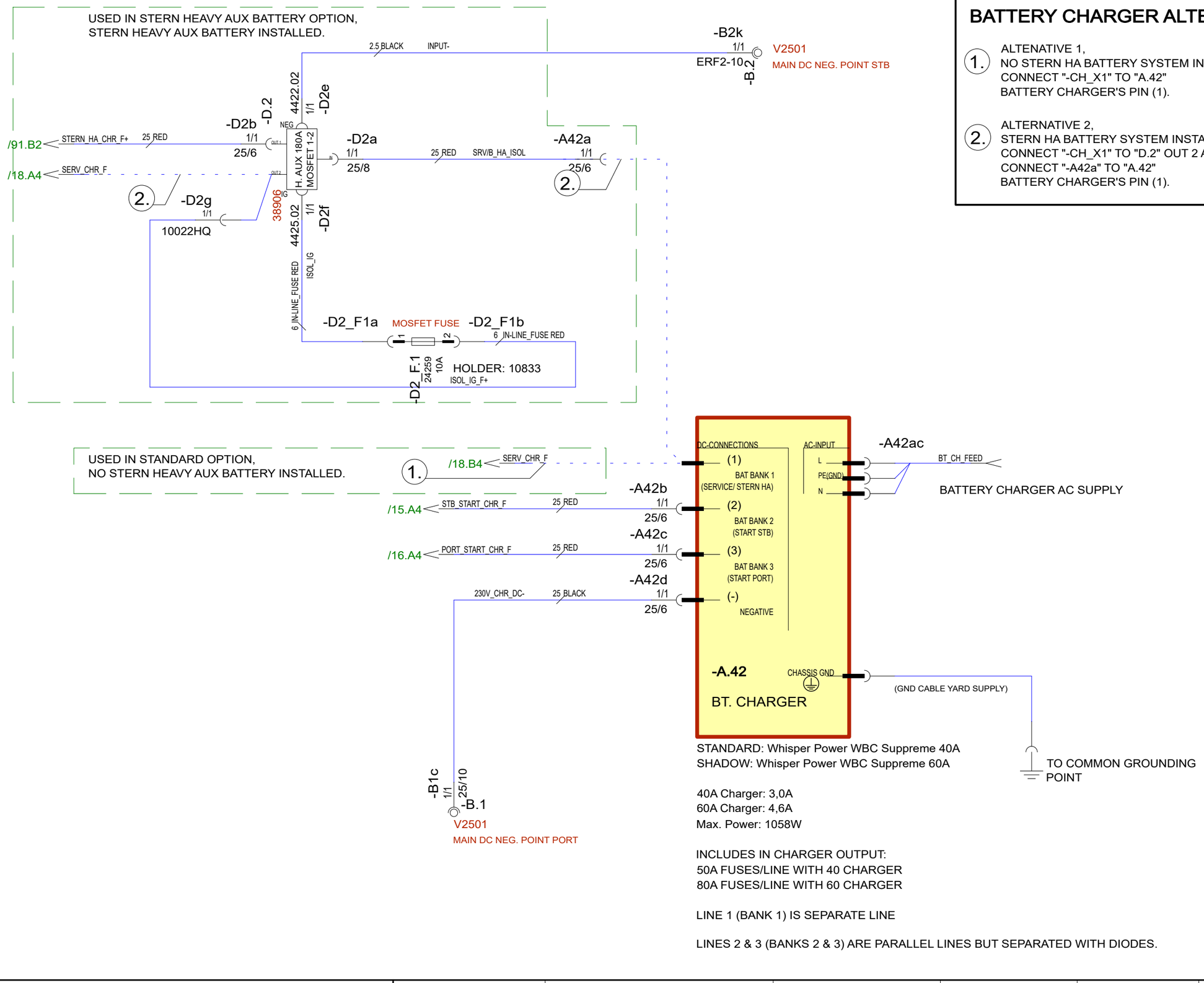




OPTIONAL

BATTERY BOX

10.10.2023	PF	F22: 2004916; Not modified	Date	2.5.2019	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	PHOTOVOLTAIC SYSTEM - DIAGRAM	HL	85 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



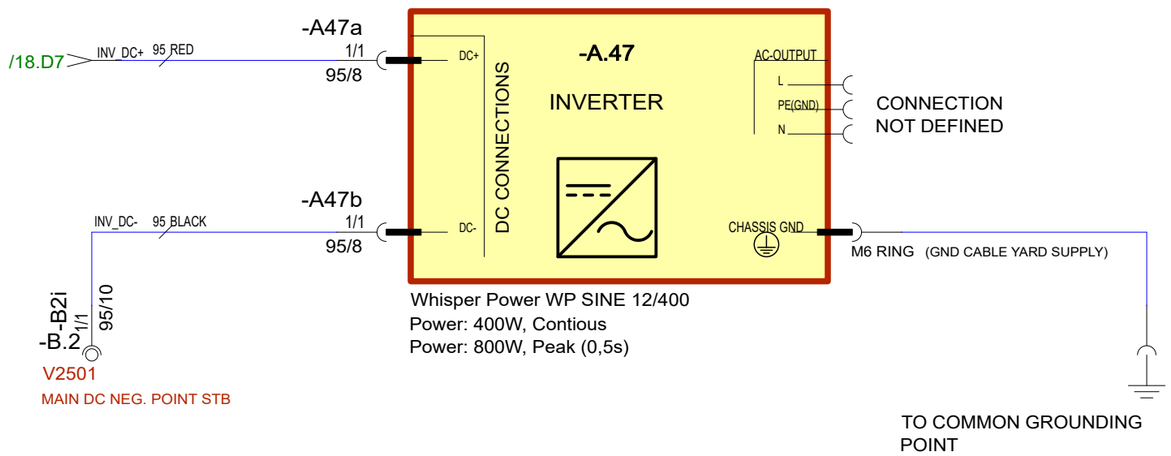
BATTERY CHARGER ALTERNATIVES:

1. ALTENATIVE 1,
NO STERN HA BATTERY SYSTEM INSTALLED:
CONNECT "-CH_X1" TO "A.42"
BATTERY CHARGER'S PIN (1).

2. ALTERNATIVE 2,
STERN HA BATTERY SYSTEM INSTALLED:
CONNECT "-CH_X1" TO "D.2" OUT 2 AND
CONNECT "-A42a" TO "A.42"
BATTERY CHARGER'S PIN (1).

10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Charging moved from bow th to stern th	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20	BATTERY CHARGER - DIAGRAM	HL	86 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

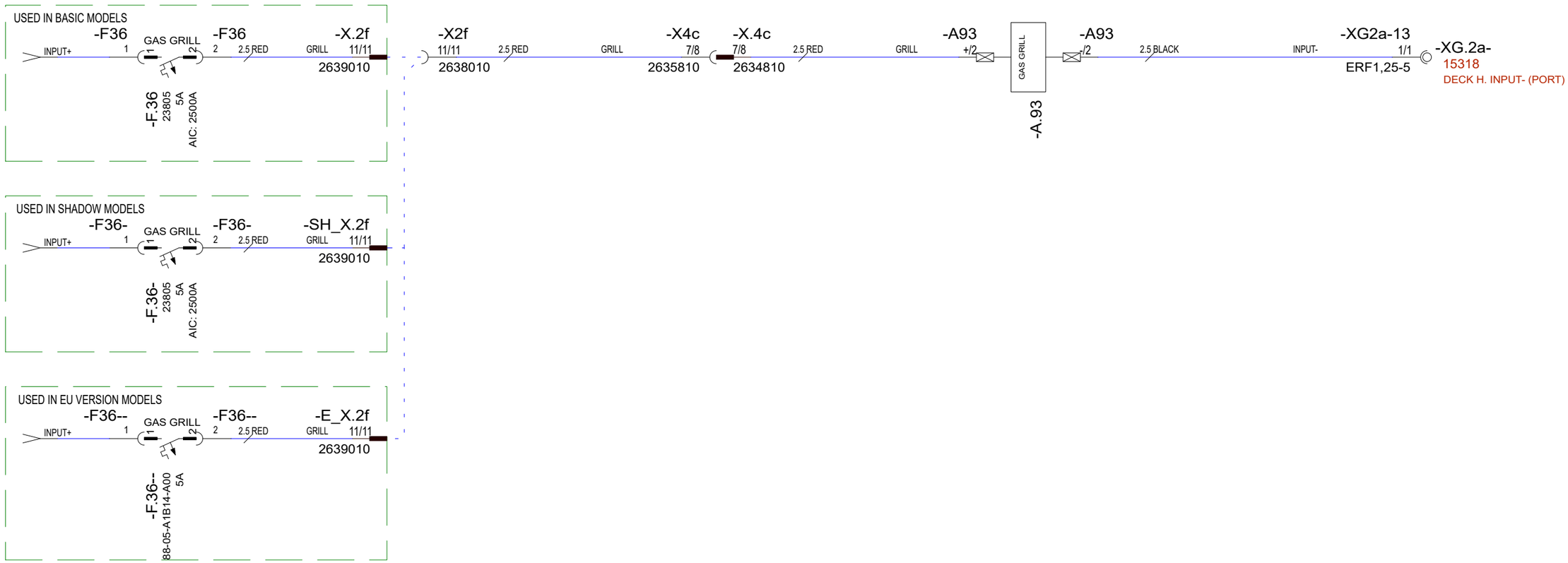
ONLY IN
SHADOW MODEL



Date of modification	Modified by	Description		
10.10.2023	PF	F22: 2004916; Not modified	Date	14.1.2019
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TuM
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24
			Project rev.	G

NAVIX designed solutions
Copyright by

Boat	Sub-product code	Product code	Project ID
Axopar			
Boat model	**Title**	**Loc**	**Sheet**
37 MY20	INVERTER - DIAGRAM	HL	87 / 210



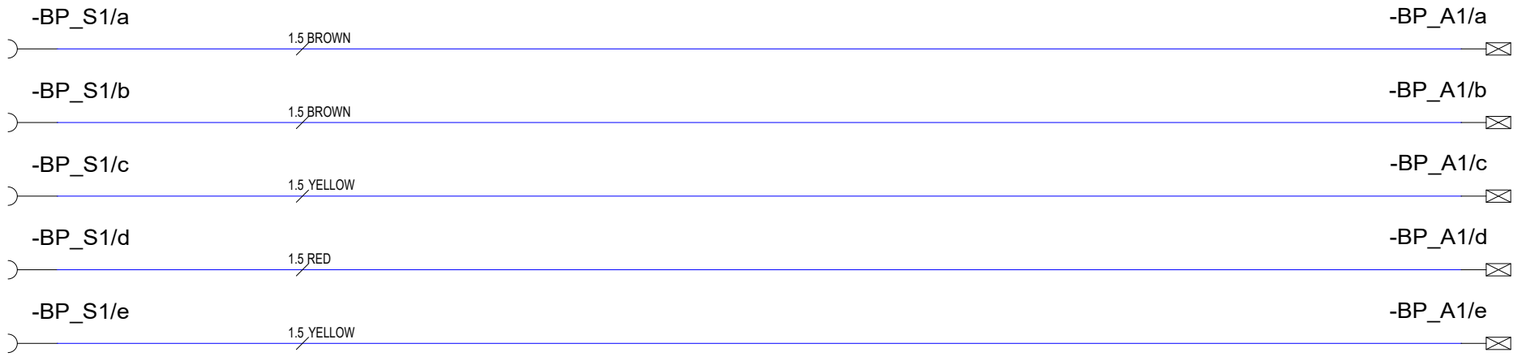
Date of modification	Modified by	Description
10.10.2023	PF	F22: 2004916; Not modified
20.2.2024	PF	G23; 2005054; Not modified
18.6.2024	PF	G24: 2005139; Not modified

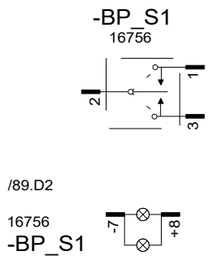
Date	28.08.2020
Drawing by	TuM
Sheet rev.	24
Project rev.	G

Copyright by

NAVIX designed solutions

Axopar			
Boat	Sub-product code	Product code	Project ID
37 MY20	GAS GRILL - DIAGRAM	HL	
Boat model	Title	Loc	88 / 210 Sheet





10.10.2023	PF	F22: 2004916; Not modified	Date	15.04.2021	NAVIX designed solutions	Axopar			
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	AR		Boat	Sub-product code	Product code	Project ID
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20 SHADOW	BATT.PACK MAIN SWITCH HARNESS	HL	89 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

-X26a 1/1 10006HQ	1.5 YELLOW	MERC_ACC_RELAY	-X26b 1/1 WES_1.5
-X27a 1/1 4327.02	1.5 BLACK	LIGHTING NEG	-X27b 1/1 WES_1.5
-X28a 1/1 4327.02	1.5 RED	LIGHTING POS	-X28b 1/1 WES_1.5
-X29a 1/1 4327.02	1.5 BROWN	OCT_SW_IN	-X29b 1/1 4327.02
-X30a 1/1 4327.02	1.5 BROWN/WHITE	OCT_SW_OUT	-X30b 1/1 WES_1.5

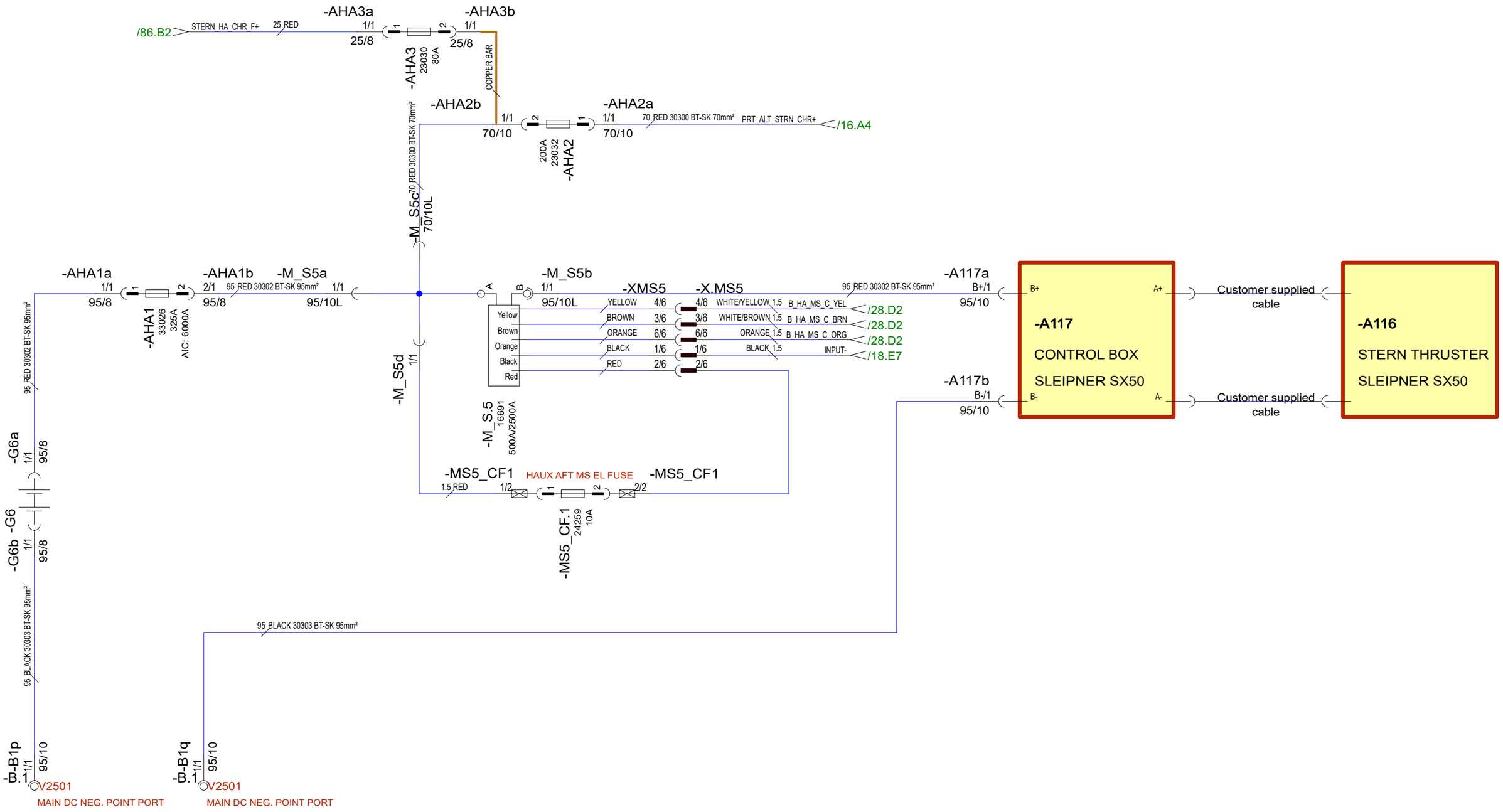
-X18 1/1 35/6	35 RED	-X19 1/1 35/8
-X20 1/1 35/6	35 RED	-X21 1/1 35/8
-X22 1/1 35/6	35 RED	-X23 1/1 35/10
-X24 1/1 35/10	35 BLACK	-X25 1/1 35/10

Date of modification	Modified by	Description		
10.10.2023	PF	F22: 2004916; Not modified	Date	9.2.2023
20.2.2024	PF	G23; 2005054; Not modified	Drawing by	TT
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24
			Project rev.	G

Copyright by

NAVIX designed solutions

Boat	Sub-product code	Product code	Project ID
Axopar			
Boat model	**Title**		
37 MY20 SHADOW	OCTO POWER ZERO EMISSION PWR PACK	HL	
		Loc	



			Date	20.2.2024	NAVIX designed solutions	Axopar				
8.4.2024	PF	G23; 2005054; Added stern thruster	Drawing by	PF						
18.6.2024	PF	G24: 2005139; Not modified	Sheet rev.	24		37 MY20 SHADOW	STERN THRUSTER - DIAGRAM	HL	91/ 210	
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet	

1.

-A53#1

1.5 RED/BLACK -PL_X.1:1 NAV_LT_IN (+)

1.5 BLUE -PL_X.1:2 DIM_COM- (-)

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

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

/93.A2

2.

250 mm

1.5 RED/BLACK -A53+

1.5 BLACK -A53:-

NAV_LT_IN

DIM_COM-

-PL_X.1#1

2634210

2634210 (2N BACK VIEW)

CONNECTED

-PL_X1#1

NAV_LT_IN -X.6a:1, -XDIM1:1 1.5 RED/BLACK

DIM_COM- -XDIM1:3, -S_XG1c 1.5 BLUE

50 mm

2635210

-PL_X1#1

2635210 (2U BACK VIEW)

-DIM.1

38658

-XDIM1#1

1 RED_VCC

2 BLACK_GND

3 BLUE_COM

Connect during assembly!

-PL_X1:1 NAV_LT_IN 1.5 RED

-X.6b:10 INPUT- 1.5 BLACK

-PL_X1:2 DIM_COM- 1.5 BLUE

50 mm

-S_S.2 82-5151.2123 14077

NAVIGATION LT -S_S2#1

C NO NC + -

-X.6a:4 NAV_LT_IN 1.5 RED

-S_S2:+, -X.6a:5 NAV_LT_OUT 1.5 RED

-S_S2:NO NAV_LT_OUT 1.5 RED

-D_D2:1 SW2- 1 GREY

50 mm

-S_S.3 82-5151.2123 14077

ANCHOR LT -S_S3#1

C NO NC + -

-X.6a:4 NAV_LT_IN 1.5 RED

-S_S3:+, -X.6a:6 ANCH_LT_OUT 1.5 BLUE

-S_S3:NO ANCH_LT_OUT 1.5 BLUE

-D_D3:1 SW3- 1 GREY

50 mm

-S_S.4 82-5151.2123 14077

DECK LT -S_S4#1

C NO NC + -

-X.6a:7 DECK_LT+ 1.5 WHITE/GREY

-X.6a:11 DECK_LT 1.5 WHITE/GREY

-X.6a:8 DECK_LT 1.5 WHITE/GREY

-D_D4:1 SW4- 1 GREY

50 mm

-S_S.5 82-5151.2123 14077

ROOF LT -S_S5#1

C NO NC + -

-X.6b:1 MAIN_CAB_LT+ 1.5 WHITE/YELLOW

-X.6b:2 MC_RF_L_REL_C 1.5 WHITE/YELLOW

-X.6b:6 MC_ROOF_LT 1.5 WHITE/YELLOW

-D_D5:1 SW5- 1 GREY

50 mm

-S_S.6 82-5151.2123 14077

AMBIENT LT -S_S6#1

C NO NC + -

-X.6b:1 MAIN_CAB_LT+ 1.5 WHITE

-X.6b:3 MC_AMB_L_REL_C 1.5 WHITE

-X.6b:7 MC_AMB_LT 1.5 WHITE

-D_D6:1 SW6- 1 GREY

50 mm

-S_S.7 82-5151.2123 14077

WIPER -S_S7#1

C NO NC + -

-X.6b:4 UW_LT_STB+ 1.5 GREY/BROWN

-X.6b:5 UW_LT_REL_C 1.5 GREY/BROWN

-X.6b:8 UW_LT_STB 1.5 GREY/BROWN

-D_D7:1 SW7- 1 GREY

-D.1

P600G 6A

-D1#1

1 NAV_LT_OUT -X.6a:5 1.5 RED

2 ANCH_LT_OUT -X.6a:6 1.5 BLUE

BS_2

WITH SHRINK TUBE

250 mm

CONNECTION TO HULL HARNESS

-X.6a#1

-X.6a#1 2639010 (11N BACK VIEW)

1 NAV_LT_IN -PL_X1:1 1.5 RED

4 NAV_LT_IN -S_S2:C, -S_S3:C 1.5 RED

5 NAV_LT_OUT -D1:1, -S_S2:NO 1.5 RED

6 ANCH_LT_OUT -D1:2, -S_S3:NO 1.5 BLUE

7 DECK_LT+ -S_S4:C 1.5 WHITE/GREY

8 DECK_LT -X.6a:9, -S_S4:+ 1.5 WHITE/GREY

9 DECK_LT -X.6a:10, -X.6a:8 1.5 WHITE/GREY

10 DECK_LT -X.6a:11, -X.6a:9 1.5 WHITE/GREY

11 DECK_LT -X.6a:10, -S_S4:NO 1.5 WHITE/GREY

2639010

-X.6b#1

-X.6b#1 2639010 (11N BACK VIEW)

1 MAIN_CAB_LT+ -S_S6:C, -S_S5:C 1.5 WHITE/YELLOW

2 MC_RF_L_REL_C -S_S5:NO 1.5 WHITE/YELLOW

3 MC_AMB_L_REL_C -S_S6:NO 1.5 WHITE

4 UW_LT_STB+ -S_S7:C 1.5 GREY/BROWN

5 UW_LT_REL_C -S_S7:NO 1.5 GREY/BROWN

6 MC_ROOF_LT -S_S5:+ 1.5 WHITE/YELLOW

7 MC_AMB_LT -S_S6:+ 1.5 WHITE

8 UW_LT_STB -S_S7:+ 1.5 GREY/BROWN

9 DIM_COM- -S_XG1a 1.5 BLUE

10 INPUT- -XDIM1:2 1.5 BLACK

11 1.5 ORANGE

2639010

300 mm

100 mm

-D_D1 - D_D15 = 1N4005

Cover with shrinktube!

SW. PANEL NEG. PORT -S_XG1a#1

1.5 BLUE -X.6b:9 DIM_COM-

DIM_COM-

1 GREY -S_S2:- SW2- -D_D2 -D_D2:2 DIM_COM-

1 GREY -S_S3:- SW3- -D_D3 -D_D3:2 DIM_COM-

1.5 GREY -S_XG1b DIM_COM-

-S_XG.1a 12743

SW. PANEL NEG. PORT -S_XG1b#1

-S_XG1a DIM_COM-

1.5 GREY -S_S4:- SW4- -D_D4 -D_D4:2 DIM_COM-

1 GREY -S_S5:- SW5- -D_D5 -D_D5:2 DIM_COM-

1 GREY -S_S6:- SW6- -D_D6 -D_D6:2 DIM_COM-

1.5 GREY -S_XG1c DIM_COM-

-S_XG.1b 12743

SW. PANEL NEG. PORT -S_XG1c#1

-S_XG1b DIM_COM-

1.5 GREY

1 GREY -S_S7:- SW7- -D_D7 -D_D7:2 DIM_COM-

1.5 BLUE -PL_X1:2 DIM_COM-

-S_XG.1c 12743

Date of modification	Modified by	Description					
16.10.2023	PF	F8: 2004916; Added dimming feature, F9: Bilge halo dimming removed	Date	22.5.2019	Axopar	SEE EXP VIEW	29211
15.03.2024	PF	G10:2005054; Added s15, S1 replaced with dimmer, test instruction update	Drawing by	TuM	Boat	Sub-product code	Product code / Project ID
17.2.2023	RK	F7: NOT MODIFIED.	Sheet rev.	10	37 MY20	SWITCH PANEL	HL
			Project rev.	G	Boat model	Title	Loc / 92 / 210 Sheet

NAVIX designed solutions

Copyright by

3.

/92.A8

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

-S_S.8 82-5151.2123 14077
-S_S.9 82-5151.1123 14075
-S_S.10 82-5151.1113 16449
-S_S.11 82-5151.2123 14077
-S_S.12 82-5151.2123 14077
-S_S.13 82-5151.2123 14077
-S_S.14 82-5151.2123 14077

-S_S8#1 WIPER: C, NO, NC, +, - | CONTROL_2, WIP_REL_C, WIP_SLOW, SW8- | -X.7a:1, -X.7a:2, -X.7a:7, -D D8:1 | 1.5 WHITE/BLUE, 1.5 WHITE/BLUE, 1.5 WHITE/BLUE, 1 GREY
-S_S9#1 W. WASHER: C, NO, NC, +, - | W_WASH+, W_WASH_REL_C, W_WASH, SW9- | -X.7a:3, -X.7a:4, -X.7b:7, -D D9:1 | 1.5 GREY/RED, 1.5 GREY/RED, 1.5 GREY/RED, 1 GREY
-S_S10#1 HORN: C, NO, NC, +, - | HORN+, HORN_REL_C, HORN+, SW10- | -S S10:+, -X.7a:5, -X.7a:6, -S S10:C, -D D10:1 | 1.5 BROWN, 1.5 BROWN, 1.5 BROWN, 1 GREY
-S_S11#1 BILGE P. MID: C, NO, NC, +, - | BILGE_MID+, BLG_MD_REL_C, BILGE_MID_MAN, SW11- | -X.7b:1, -X.7b:3, -X.7b:2, -D D11:1 | 1.5 RED, 1.5 GREY, 1.5 RED, 1 GREY
-S_S12#1 BILGE P. AFT: C, NO, NC, +, - | BILGE_AFT+, BLG_AFT_REL_C, BILGE_AFT_MAN, SW12- | -X.7b:4, -X.7b:6, -X.7b:5, -D D12:1 | 1.5 RED, 1.5 GREY, 1.5 RED, 1 GREY
-S_S13#1 AUX 1: C, NO, NC, +, - | AUX_1+, AUX_1_REL_C, AUX_1, SW13- | -X.7c:1, -X.7c:2, -X.7c:5, -D D13:1 | 1.5 GREY/BLACK, 1.5 GREY/BLACK, 1.5 GREY/BLACK, 1 GREY
-S_S14-1#1 AUX 2: C, NO, NC, +, - | AUX_2+, AUX_R_C/BOW_TH, AUX_2, SW14- | -X.7c:3, -X.7c:4, -X.7c:6, -D D14:1 | 1.5 PURPLE/BLACK, 1.5 PURPLE/BLACK, 1.5 PURPLE/BLACK, 1 GREY

50 mm

LABEL:
AUX SW, -S_S14-1:
DEFAULT CONNECTION.

LABEL:
AUX SW, -S_S14-2:
OPTIONAL ISM CONNECTION

-S_S14-2#1
ISM BOW THRUSTER SW
1.5 WHITE/BLACK -X.7d:1 ISM_BOW_TH_C C
1.5 BLACK -X.7a:8 INPUT- NO
NC
1.5 WHITE -X.7d:2 ISM_B_TH_SW_L+ +
1 GREY -D D15:1 SW14- -

100 mm

CONNECTION TO HULL HARNESS

-X.7a#1
-X.7a#1 2634810 (8N BACK VIEW)
1 CONTROL_2 -S_S8:C 1.5 WHITE/BLUE
2 WIP_REL_C -S_S8:NO 1.5 WHITE/BLUE
3 W_WASH+ -S_S9:C 1.5 GREY/RED
4 W_WASH_REL_C -S_S9:NO 1.5 GREY/RED
5 HORN+ -S_S10:C 1.5 BROWN
6 HORN_REL_C -S_S10:NO 1.5 BROWN
7 WIP_SLOW -S_S8:+ 1.5 WHITE/BLUE
8 INPUT- -S_S14-2:NO, -R1 1.5 BLACK

300 mm

-X.7b#1
-X.7b#1 2634810 (8N BACK VIEW)
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

-X.7c#1
-X.7c#1 2634810 (8N BACK VIEW)
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 -S_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
-X.7d#1 2637710 (2NT BACK VIEW)
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

1.5 BLACK -X.7a:8 INPUT- -R1 R3K32_0.5W
-R2 R3K32_0.5W
-A123 12743

1 GREY -S_S12:- SW12- -D_D12 -D D12:2 INPUT-
1 GREY -S_S11:- SW11- -D_D11 -D D11:2 INPUT-

-D_D1 - D_D15 = 1N4005
Cover with shrinktube!

SW. PANEL NEG. STB -S_XG2a#1
1.5 BLUE -X.7b:8 DIM_COM-
1 GREY -S_S8:- SW8- -D_D8 -D D8:2 DIM_COM-
1 GREY -S_S9:- SW9- -D_D9 -D D9:2 DIM_COM-
1 GREY -S_S10:- SW10- -D_D10 -D D10:2 DIM_COM-
1.5 GREY -S_XG2b DIM_COM-
-S_XG2a 12743

SW. PANEL NEG. STB -S_XG2b#1
1.5 GREY -S_XG2a DIM_COM-
1 GREY -S_S13:- SW13- -D_D13 -D D13:2 DIM_COM-
1.5 GREY -S_XG2c DIM_COM-
-S_XG2b 12743

100 mm

SW. PANEL NEG. STB -S_XG2c#1
1.5 GREY -S_XG2b DIM_COM-
1 GREY -S_S14-1:- SW14- -D_D14 -D D14:2 DIM_COM-
1 GREY -S_S14-2:- SW14- -D_D15 -D D15:2 DIM_COM-
1 GREY -S_S15:- SW15- -D_D16 -D D16:2 DIM_COM-
-S_XG2c 12743

500 mm

(CUSTOMER INSTALLS TO LOCATION OUTSIDE PANEL)
-S_S15#1
-S_S.15 82-5151.2123 14077
NAVIGATION ON/OFF: C, NO, NC, +, - | CONTROL_2, NAV_ON, NAV_ON, SW15- | -X.7c:7, -X.7c:8, -X.7c:8, -D D16:1 | 1.5 WHITE/BLUE, 1.5 ORANGE, 1.5 ORANGE, 1 GREY
-S_S15 36345 GREY CONNECTOR (BACK VIEW): NC, NO, C, +, -

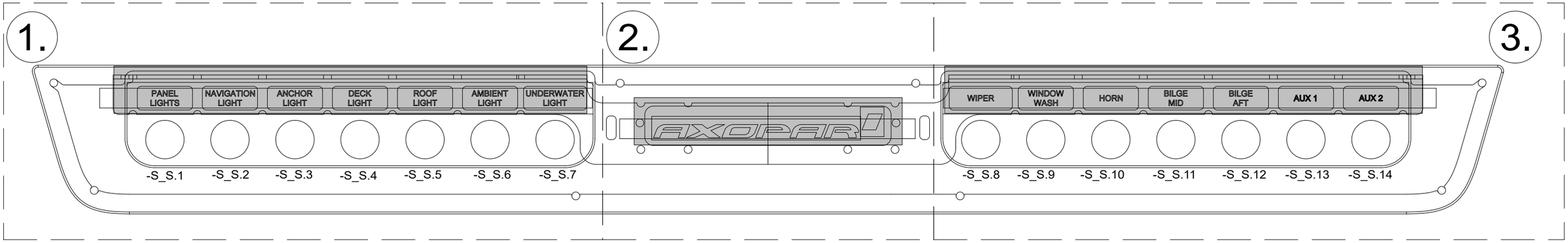
16.10.2023	PF	F8: 2004916; Added dimming feature, F9: Bilge halo dimming removed	Date	22.5.2019	Axopar	SEE EXP VIEW	29211
15.03.2024	PF	G10:2005054; Added s15, S1 replaced with dimmer, test instruction update	Drawing by	TuM	Boat	Sub-product code	Product code
17.2.2023	RK	F7: NOT MODIFIED.	Sheet rev.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

NAVIX designed solutions
Copyright by

Project ID

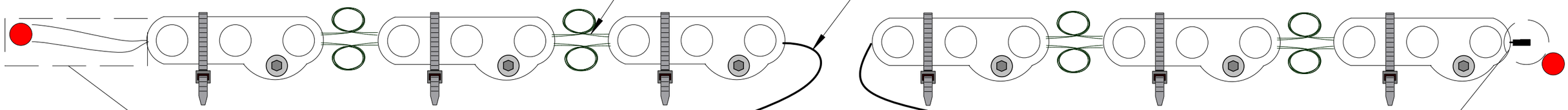
93 / 210
Sheet

SWITCH PANEL GENERAL LAYOUT / LED MODULE CUTTING & FINISHING



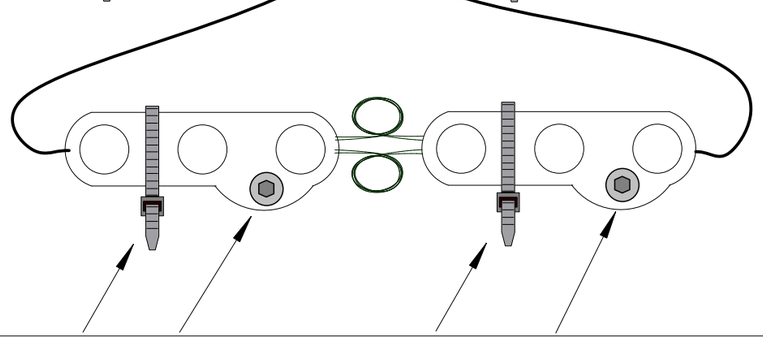
16704 - Led-module 3-pos. White - Nextec LM3X2853W 1369

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)

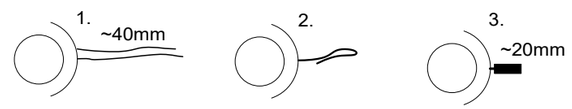
STRIP WIRE ENDS APPROX. 7mm AND CRIMP WIRES TO THE BUTT SPLICE CONNECTORS -A53.



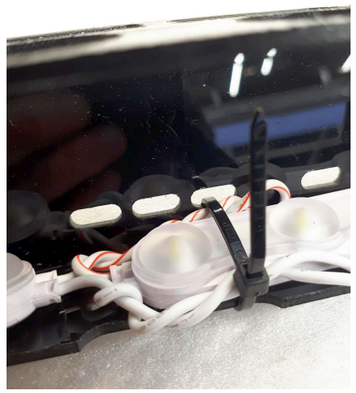
1. CUT THE WIRES APPROX. 40mm. (JUST CUT, DO NOT STRIP!)

2. BEND THE WIRES TO THE SHAPE OF "U".

3. ADD APPROX. 20mm OF HEAT SHRINK TUBE "17418"
OVER THE BENDED WIRES.



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

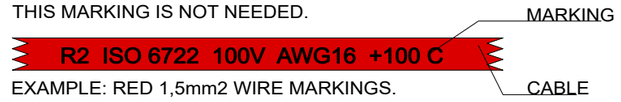


ATTACH ALL LED MODULES TO THE BRACKET 36371 WITH M3X12 BH HEX BOLT A4,
NUT M3 AND 2-SIDED TAPE. ADD CABLE TIE. SEE ALSO EXP. VIEW

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.



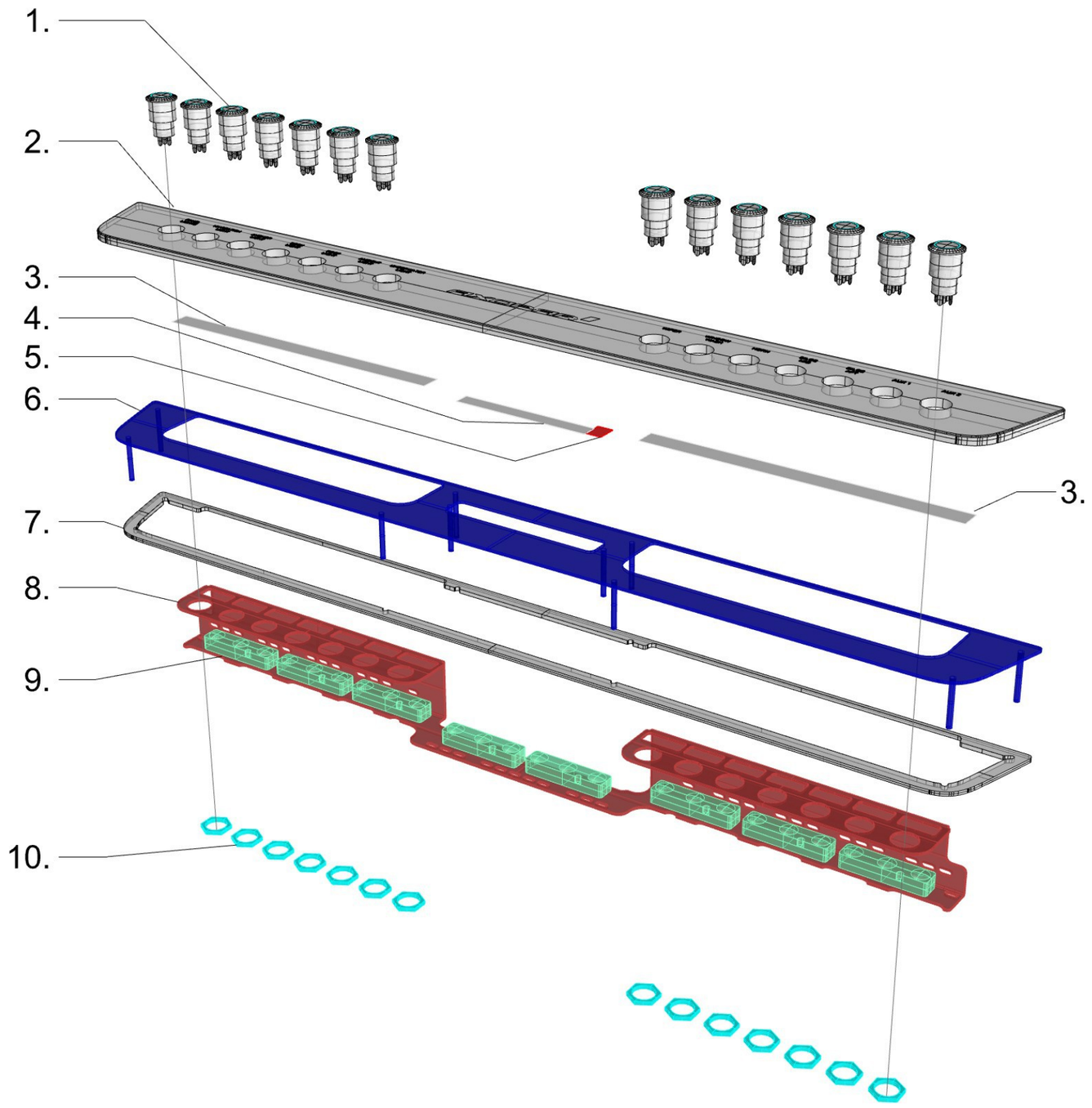
EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

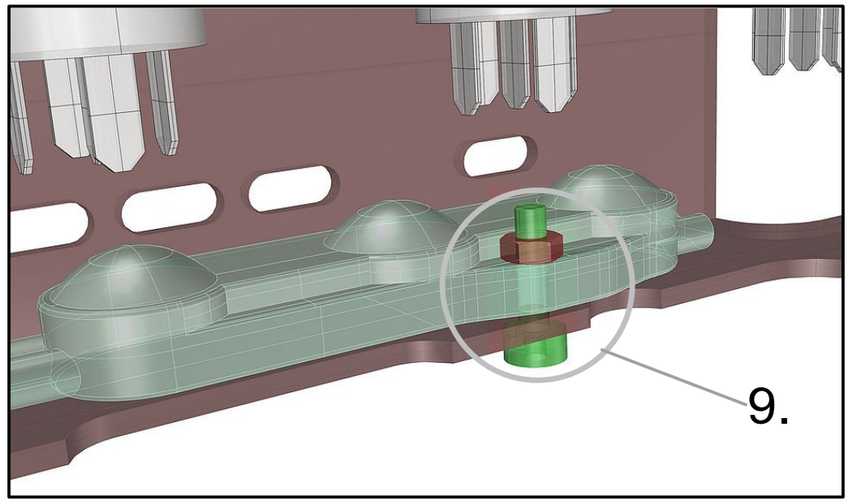
Date of modification	Modified by	Description		
16.10.2023	PF	F8: 2004916; Added dimming feature, F9: Bilge halo dimming removed	Date	22.5.2019
15.03.2024	PF	G10:2005054; Added s15, S1 replaced with dimmer, test instruction update	Drawing by	TuM
17.2.2023	RK	F7: NOT MODIFIED.	Sheet rev.	10
			Project rev.	G

NAVIX designed solutions
Copyright by

Axopar	SEE EXP VIEW	29211		
Boat	Sub-product code	Product code	Project ID	
37 MY20	SWITCH PANEL		HL	94 / 210
Boat model	Title		Loc	Sheet

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

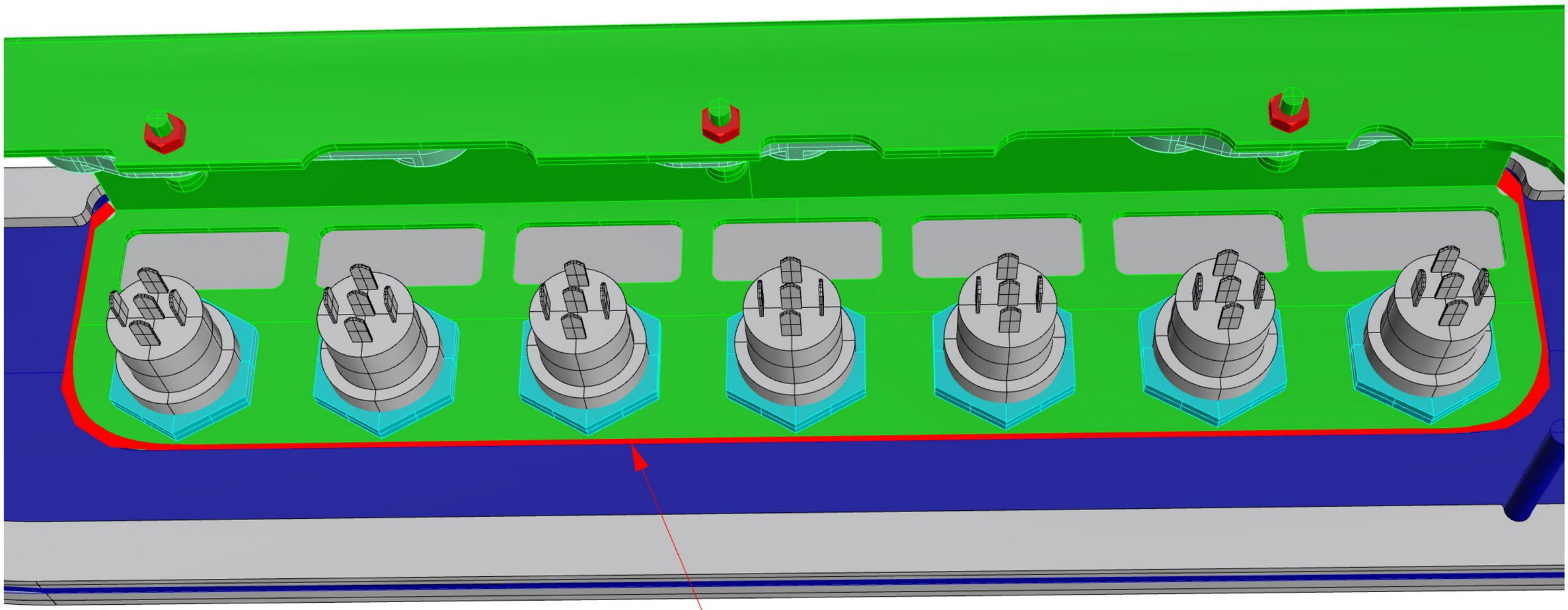
EXP VIEW

Date of modification	Modified by	Description
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	22.5.2019
Drawing by	TuM
Sheet rev.	10
Project rev.	G

NAVIX designed solutions
Copyright by

Axopar Boat	SEE EXP VIEW Sub-product code	29211 Product code	Project ID
37 MY20 Boat model	SWITCH PANEL Title	HL Loc	95 / 210 Sheet



FILL THE CAP 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	
15.03.2024	PF	G10:2005054; Added s15, S1 replaced with dimmer, test instruction update	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
17.2.2023	RK	F7: NOT MODIFIED	Sheet rev.	10		37 MY20	SWITCH PANEL	HL	96 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	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

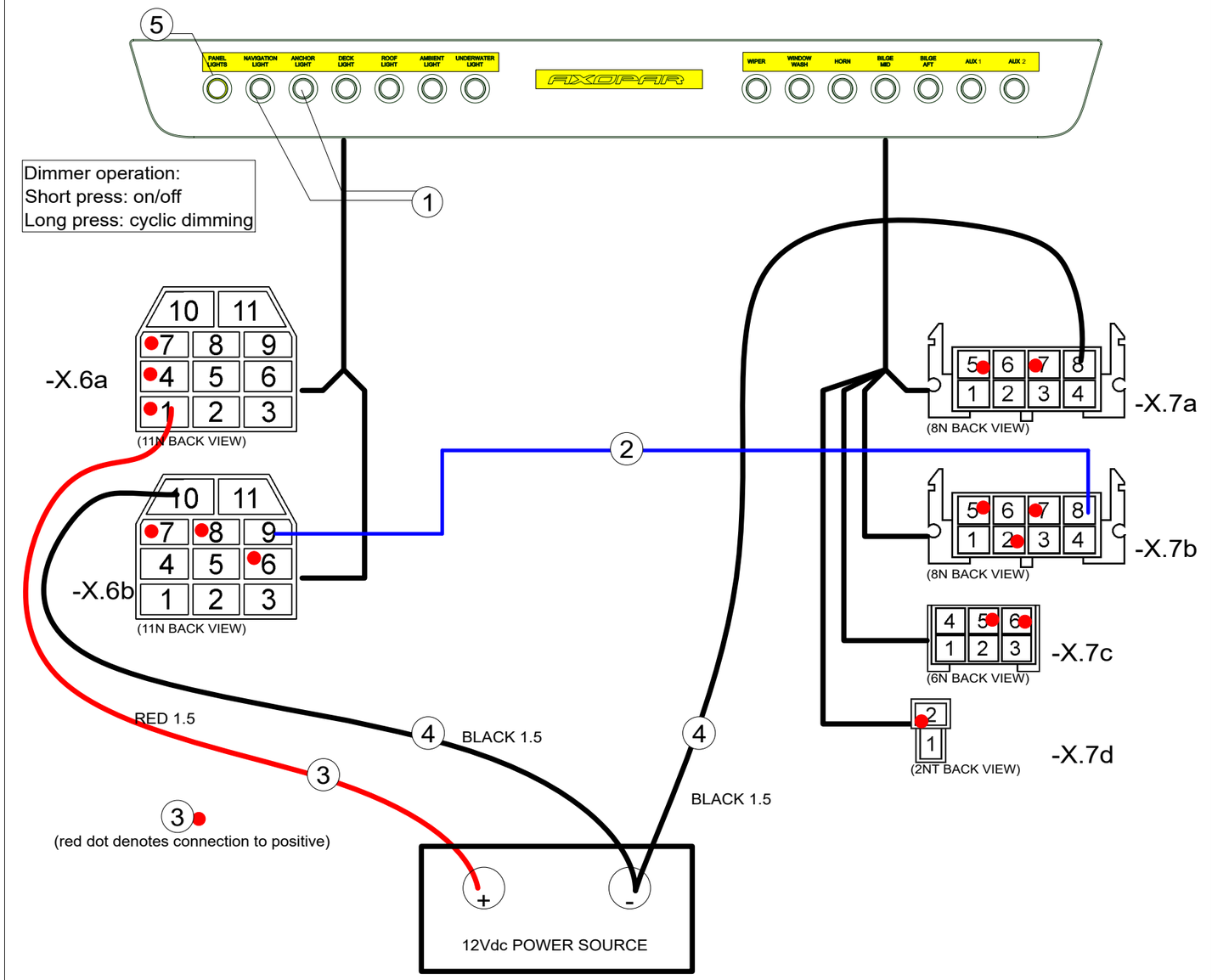
Connect negative (-)
X.6b/10
X.7a/8

PASS / FAIL

DATE _____

TESTED BY _____

TEST INSTRUCTIONS



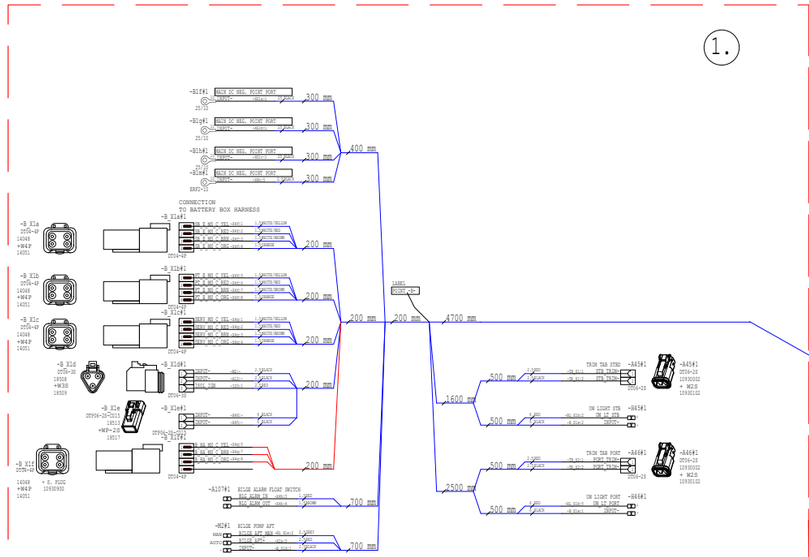
Date of modification	Modified by	Description
16.10.2023	PF	F8: 2004916; Added dimming feature, F9: Bilge halo dimming removed
15.03.2024	PF	G10:2005054; Added s15, S1 replaced with dimmer, test instruction update
17.2.2023	RK	F7: NOT MODIFIED.

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

NAVIX designed solutions
Copyright by

Axopar Boat	SEE EXP VIEW Sub-product code	29211 Product code	Project ID
37 MY20 Boat model	SWITCH PANEL Title	HL Loc	97 / 210 Sheet

HARNESS GENERAL LAYOUT


1.
CONNECTION TO BATTERY BOX HARNESS
-X1a#1
-X1b#1
-X1c#1
-X1d#1
-X1e#1
-X1f#1
-X1g#1
-X1h#1
-X1i#1
-X1j#1
-X1k#1
-X1l#1
-X1m#1
-X1n#1
-X1o#1
-X1p#1
-X1q#1
-X1r#1
-X1s#1
-X1t#1
-X1u#1
-X1v#1
-X1w#1
-X1x#1
-X1y#1
-X1z#1
-X1aa#1
-X1ab#1
-X1ac#1
-X1ad#1
-X1ae#1
-X1af#1
-X1ag#1
-X1ah#1
-X1ai#1
-X1aj#1
-X1ak#1
-X1al#1
-X1am#1
-X1an#1
-X1ao#1
-X1ap#1
-X1aq#1
-X1ar#1
-X1as#1
-X1at#1
-X1au#1
-X1av#1
-X1aw#1
-X1ax#1
-X1ay#1
-X1az#1
-X1ba#1
-X1bb#1
-X1bc#1
-X1bd#1
-X1be#1
-X1bf#1
-X1bg#1
-X1bh#1
-X1bi#1
-X1bj#1
-X1bk#1
-X1bl#1
-X1bm#1
-X1bn#1
-X1bo#1
-X1bp#1
-X1bq#1
-X1br#1
-X1bs#1
-X1bt#1
-X1bu#1
-X1bv#1
-X1bw#1
-X1bx#1
-X1by#1
-X1bz#1
-X1ca#1
-X1cb#1
-X1cc#1
-X1cd#1
-X1ce#1
-X1cf#1
-X1cg#1
-X1ch#1
-X1ci#1
-X1cj#1
-X1ck#1
-X1cl#1
-X1cm#1
-X1cn#1
-X1co#1
-X1cp#1
-X1cq#1
-X1cr#1
-X1cs#1
-X1ct#1
-X1cu#1
-X1cv#1
-X1cw#1
-X1cx#1
-X1cy#1
-X1cz#1
-X1da#1
-X1db#1
-X1dc#1
-X1dd#1
-X1de#1
-X1df#1
-X1dg#1
-X1dh#1
-X1di#1
-X1dj#1
-X1dk#1
-X1dl#1
-X1dm#1
-X1dn#1
-X1do#1
-X1dp#1
-X1dq#1
-X1dr#1
-X1ds#1
-X1dt#1
-X1du#1
-X1dv#1
-X1dw#1
-X1dx#1
-X1dy#1
-X1dz#1
-X1ea#1
-X1eb#1
-X1ec#1
-X1ed#1
-X1ee#1
-X1ef#1
-X1eg#1
-X1eh#1
-X1ei#1
-X1ej#1
-X1ek#1
-X1el#1
-X1em#1
-X1en#1
-X1eo#1
-X1ep#1
-X1eq#1
-X1er#1
-X1es#1
-X1et#1
-X1eu#1
-X1ev#1
-X1ew#1
-X1ex#1
-X1ey#1
-X1ez#1
-X1fa#1
-X1fb#1
-X1fc#1
-X1fd#1
-X1fe#1
-X1ff#1
-X1fg#1
-X1fh#1
-X1fi#1
-X1fj#1
-X1fk#1
-X1fl#1
-X1fm#1
-X1fn#1
-X1fo#1
-X1fp#1
-X1fq#1
-X1fr#1
-X1fs#1
-X1ft#1
-X1fu#1
-X1fv#1
-X1fw#1
-X1fx#1
-X1fy#1
-X1fz#1
-X1ga#1
-X1gb#1
-X1gc#1
-X1gd#1
-X1ge#1
-X1gf#1
-X1gg#1
-X1gh#1
-X1gi#1
-X1gj#1
-X1gk#1
-X1gl#1
-X1gm#1
-X1gn#1
-X1go#1
-X1gp#1
-X1gq#1
-X1gr#1
-X1gs#1
-X1gt#1
-X1gu#1
-X1gv#1
-X1gw#1
-X1gx#1
-X1gy#1
-X1gz#1
-X1ha#1
-X1hb#1
-X1hc#1
-X1hd#1
-X1he#1
-X1hf#1
-X1hg#1
-X1hh#1
-X1hi#1
-X1hj#1
-X1hk#1
-X1hl#1
-X1hm#1
-X1hn#1
-X1ho#1
-X1hp#1
-X1hq#1
-X1hr#1
-X1hs#1
-X1ht#1
-X1hu#1
-X1hv#1
-X1hw#1
-X1hx#1
-X1hy#1
-X1hz#1
-X1ia#1
-X1ib#1
-X1ic#1
-X1id#1
-X1ie#1
-X1if#1
-X1ig#1
-X1ih#1
-X1ii#1
-X1ij#1
-X1ik#1
-X1il#1
-X1im#1
-X1in#1
-X1io#1
-X1ip#1
-X1iq#1
-X1ir#1
-X1is#1
-X1it#1
-X1iu#1
-X1iv#1
-X1iw#1
-X1ix#1
-X1iy#1
-X1iz#1
-X1ja#1
-X1jb#1
-X1jc#1
-X1jd#1
-X1je#1
-X1jf#1
-X1jg#1
-X1jh#1
-X1ji#1
-X1jj#1
-X1jk#1
-X1jl#1
-X1jm#1
-X1jn#1
-X1jo#1
-X1jp#1
-X1jq#1
-X1jr#1
-X1js#1
-X1jt#1
-X1ju#1
-X1jv#1
-X1jw#1
-X1jx#1
-X1jy#1
-X1jz#1
-X1ka#1
-X1kb#1
-X1kc#1
-X1kd#1
-X1ke#1
-X1kf#1
-X1kg#1
-X1kh#1
-X1ki#1
-X1kj#1
-X1kk#1
-X1kl#1
-X1km#1
-X1kn#1
-X1ko#1
-X1kp#1
-X1kq#1
-X1kr#1
-X1ks#1
-X1kt#1
-X1ku#1
-X1kv#1
-X1kw#1
-X1kx#1
-X1ky#1
-X1kz#1
-X1la#1
-X1lb#1
-X1lc#1
-X1ld#1
-X1le#1
-X1lf#1
-X1lg#1
-X1lh#1
-X1li#1
-X1lj#1
-X1lk#1
-X1ll#1
-X1lm#1
-X1ln#1
-X1lo#1
-X1lp#1
-X1lq#1
-X1lr#1
-X1ls#1
-X1lt#1
-X1lu#1
-X1lv#1
-X1lw#1
-X1lx#1
-X1ly#1
-X1lz#1
-X1ma#1
-X1mb#1
-X1mc#1
-X1md#1
-X1me#1
-X1mf#1
-X1mg#1
-X1mh#1
-X1mi#1
-X1mj#1
-X1mk#1
-X1ml#1
-X1mm#1
-X1mn#1
-X1mo#1
-X1mp#1
-X1mq#1
-X1mr#1
-X1ms#1
-X1mt#1
-X1mu#1
-X1mv#1
-X1mw#1
-X1mx#1
-X1my#1
-X1mz#1
-X1na#1
-X1nb#1
-X1nc#1
-X1nd#1
-X1ne#1
-X1nf#1
-X1ng#1
-X1nh#1
-X1ni#1
-X1nj#1
-X1nk#1
-X1nl#1
-X1nm#1
-X1nn#1
-X1no#1
-X1np#1
-X1nq#1
-X1nr#1
-X1ns#1
-X1nt#1
-X1nu#1
-X1nv#1
-X1nw#1
-X1nx#1
-X1ny#1
-X1nz#1
-X1oa#1
-X1ob#1
-X1oc#1
-X1od#1
-X1oe#1
-X1of#1
-X1og#1
-X1oh#1
-X1oi#1
-X1oj#1
-X1ok#1
-X1ol#1
-X1om#1
-X1on#1
-X1oo#1
-X1op#1
-X1oq#1
-X1or#1
-X1os#1
-X1ot#1
-X1ou#1
-X1ov#1
-X1ow#1
-X1ox#1
-X1oy#1
-X1oz#1
-X1pa#1
-X1pb#1
-X1pc#1
-X1pd#1
-X1pe#1
-X1pf#1
-X1pg#1
-X1ph#1
-X1pi#1
-X1pj#1
-X1pk#1
-X1pl#1
-X1pm#1
-X1pn#1
-X1po#1
-X1pp#1
-X1pq#1
-X1pr#1
-X1ps#1
-X1pt#1
-X1pu#1
-X1pv#1
-X1pw#1
-X1px#1
-X1py#1
-X1pz#1
-X1qa#1
-X1qb#1
-X1qc#1
-X1qd#1
-X1qe#1
-X1qf#1
-X1qg#1
-X1qh#1
-X1qi#1
-X1qj#1
-X1qk#1
-X1ql#1
-X1qm#1
-X1qn#1
-X1qo#1
-X1qp#1
-X1qq#1
-X1qr#1
-X1qs#1
-X1qt#1
-X1qu#1
-X1qv#1
-X1qw#1
-X1qx#1
-X1qy#1
-X1qz#1
-X1ra#1
-X1rb#1
-X1rc#1
-X1rd#1
-X1re#1
-X1rf#1
-X1rg#1
-X1rh#1
-X1ri#1
-X1rj#1
-X1rk#1
-X1rl#1
-X1rm#1
-X1rn#1
-X1ro#1
-X1rp#1
-X1rq#1
-X1rr#1
-X1rs#1
-X1rt#1
-X1ru#1
-X1rv#1
-X1rw#1
-X1rx#1
-X1ry#1
-X1rz#1
-X1sa#1
-X1sb#1
-X1sc#1
-X1sd#1
-X1se#1
-X1sf#1
-X1sg#1
-X1sh#1
-X1si#1
-X1sj#1
-X1sk#1
-X1sl#1
-X1sm#1
-X1sn#1
-X1so#1
-X1sp#1
-X1sq#1
-X1sr#1
-X1ss#1
-X1st#1
-X1su#1
-X1sv#1
-X1sw#1
-X1sx#1
-X1sy#1
-X1sz#1
-X1ta#1
-X1tb#1
-X1tc#1
-X1td#1
-X1te#1
-X1tf#1
-X1tg#1
-X1th#1
-X1ti#1
-X1tj#1
-X1tk#1
-X1tl#1
-X1tm#1
-X1tn#1
-X1to#1
-X1tp#1
-X1tq#1
-X1tr#1
-X1ts#1
-X1tt#1
-X1tu#1
-X1tv#1
-X1tw#1
-X1tx#1
-X1ty#1
-X1tz#1
-X1ua#1
-X1ub#1
-X1uc#1
-X1ud#1
-X1ue#1
-X1uf#1
-X1ug#1
-X1uh#1
-X1ui#1
-X1uj#1
-X1uk#1
-X1ul#1
-X1um#1
-X1un#1
-X1uo#1
-X1up#1
-X1uq#1
-X1ur#1
-X1us#1
-X1ut#1
-X1uu#1
-X1uv#1
-X1uw#1
-X1ux#1
-X1uy#1
-X1uz#1
-X1va#1
-X1vb#1
-X1vc#1
-X1vd#1
-X1ve#1
-X1vf#1
-X1vg#1
-X1vh#1
-X1vi#1
-X1vj#1
-X1vk#1
-X1vl#1
-X1vm#1
-X1vn#1
-X1vo#1
-X1vp#1
-X1vq#1
-X1vr#1
-X1vs#1
-X1vt#1
-X1vu#1
-X1vv#1
-X1vw#1
-X1vx#1
-X1vy#1
-X1vz#1
-X1wa#1
-X1wb#1
-X1wc#1
-X1wd#1
-X1we#1
-X1wf#1
-X1wg#1
-X1wh#1
-X1wi#1
-X1wj#1
-X1wk#1
-X1wl#1
-X1wm#1
-X1wn#1
-X1wo#1
-X1wp#1
-X1wq#1
-X1wr#1
-X1ws#1
-X1wt#1
-X1wu#1
-X1wv#1
-X1ww#1
-X1wx#1
-X1wy#1
-X1wz#1
-X1xa#1
-X1xb#1
-X1xc#1
-X1xd#1
-X1xe#1
-X1xf#1
-X1xg#1
-X1xh#1
-X1xi#1
-X1xj#1
-X1xk#1
-X1xl#1
-X1xm#1
-X1xn#1
-X1xo#1
-X1xp#1
-X1xq#1
-X1xr#1
-X1xs#1
-X1xt#1
-X1xu#1
-X1xv#1
-X1xw#1
-X1xx#1
-X1xy#1
-X1xz#1
-X1ya#1
-X1yb#1
-X1yc#1
-X1yd#1
-X1ye#1
-X1yf#1
-X1yg#1
-X1yh#1
-X1yi#1
-X1yj#1
-X1yk#1
-X1yl#1
-X1ym#1
-X1yn#1
-X1yo#1
-X1yp#1
-X1yq#1
-X1yr#1
-X1ys#1
-X1yt#1
-X1yu#1
-X1yv#1
-X1yw#1
-X1yx#1
-X1yy#1
-X1yz#1
-X1za#1
-X1zb#1
-X1zc#1
-X1zd#1
-X1ze#1
-X1zf#1
-X1zg#1
-X1zh#1
-X1zi#1
-X1zj#1
-X1zk#1
-X1zl#1
-X1zm#1
-X1zn#1
-X1zo#1
-X1zp#1
-X1zq#1
-X1zr#1
-X1zs#1
-X1zt#1
-X1zu#1
-X1zv#1
-X1zw#1
-X1zx#1
-X1zy#1
-X1zz#1
-X2a#1
-X2b#1
-X2c#1
-X2d#1
-X2e#1
-X2f#1
-X2g#1
-X2h#1
-X2i#1
-X2j#1
-X2k#1
-X2l#1
-X2m#1
-X2n#1
-X2o#1
-X2p#1
-X2q#1
-X2r#1
-X2s#1
-X2t#1
-X2u#1
-X2v#1
-X2w#1
-X2x#1
-X2y#1
-X2z#1
-X2aa#1
-X2ab#1
-X2ac#1
-X2ad#1
-X2ae#1
-X2af#1
-X2ag#1
-X2ah#1
-X2ai#1
-X2aj#1
-X2ak#1
-X2al#1
-X2am#1
-X2an#1
-X2ao#1
-X2ap#1
-X2aq#1
-X2ar#1
-X2as#1
-X2at#1
-X2au#1
-X2av#1
-X2aw#1
-X2ax#1
-X2ay#1
-X2az#1
-X2ba#1
-X2bb#1
-X2bc#1
-X2bd#1
-X2be#1
-X2bf#1
-X2bg#1
-X2bh#1
-X2bi#1
-X2bj#1
-X2bk#1
-X2bl#1
-X2bm#1
-X2bn#1
-X2bo#1
-X2bp#1
-X2bq#1
-X2br#1
-X2bs#1
-X2bt#1
-X2bu#1
-X2bv#1
-X2bw#1
-X2bx#1
-X2by#1
-X2bz#1
-X2ca#1
-X2cb#1
-X2cc#1
-X2cd#1
-X2ce#1
-X2cf#1
-X2cg#1
-X2ch#1
-X2ci#1
-X2cj#1
-X2ck#1
-X2cl#1
-X2cm#1
-X2cn#1
-X2co#1
-X2cp#1
-X2cq#1
-X2cr#1
-X2cs#1
-X2ct#1
-X2cu#1
-X2cv#1
-X2cw#1
-X2cx#1
-X2cy#1
-X2cz#1
-X2da#1
-X2db#1
-X2dc#1
-X2dd#1
-X2de#1
-X2df#1
-X2dg#1
-X2dh#1
-X2di#1
-X2dj#1
-X2dk#1
-X2dl#1
-X2dm#1
-X2dn#1
-X2do#1
-X2dp#1
-X2dq#1
-X2dr#1
-X2ds#1
-X2dt#1
-X2du#1
-X2dv#1
-X2dw#1
-X2dx#1
-X2dy#1
-X2dz#1
-X2ea#1
-X2eb#1
-X2ec#1
-X2ed#1
-X2ee#1
-X2ef#1
-X2eg#1
-X2eh#1
-X2ei#1
-X2ej#1
-X2ek#1
-X2el#1
-X2em#1
-X2en#1
-X2eo#1
-X2ep#1
-X2eq#1
-X2er#1
-X2es#1
-X2et#1
-X2eu#1
-X2ev#1
-X2ew#1
-X2ex#1
-X2ey#1
-X2ez#1
-X2fa#1
-X2fb#1
-X2fc#1
-X2fd#1
-X2fe#1
-X2ff#1
-X2fg#1
-X2fh#1
-X2fi#1
-X2fj#1
-X2fk#1
-X2fl#1
-X2fm#1
-X2fn#1
-X2fo#1
-X2fp#1
-X2fq#1
-X2fr#1
-X2fs#1
-X2ft#1
-X2fu#1
-X2fv#1
-X2fw#1
-X2fx#1
-X2fy#1
-X2fz#1
-X2ga#1
-X2gb#1
-X2gc#1
-X2gd#1
-X2ge#1
-X2gf#1
-X2gg#1
-X2gh#1
-X2gi#1
-X2gj#1
-X2gk#1
-X2gl#1
-X2gm#1
-X2gn#1
-X2go#1
-X2gp#1
-X2gq#1
-X2gr#1
-X2gs#1
-X2gt#1
-X2gu#1
-X2gv#1
-X2gw#1
-X2gx#1
-X2gy#1
-X2gz#1
-X2ha#1
-X2hb#1
-X2hc#1
-X2hd#1
-X2he#1
-X2hf#1
-X2hg#1
-X2hh#1
-X2hi#1
-X2hj#1
-X2hk#1
-X2hl#1
-X2hm#1
-X2hn#1
-X2ho#1
-X2hp#1
-X2hq#1
-X2hr#1
-X2hs#1
-X2ht#1
-X2hu#1
-X2hv#1
-X2hw#1
-X2hx#1
-X2hy#1
-X2hz#1
-X2ia#1
-X2ib#1
-X2ic#1
-X2id#1
-X2ie#1
-X2if#1
-X2ig#1
-X2ih#1
-X2ii#1
-X2ij#1
-X2ik#1
-X2il#1
-X2im#1
-X2in#1
-X2io#1
-X2ip#1
-X2iq#1
-X2ir#1
-X2is#1
-X2it#1
-X2iu#1
-X2iv#1
-X2iw#1
-X2ix#1
-X2iy#1
-X2iz#1
-X2ja#1
-X2jb#1
-X2jc#1
-X2jd#1
-X2je#1
-X2jf#1
-X2jg#1
-X2jh#1
-X2ji#1
-X2jj#1
-X2jk#1
-X2jl#1
-X2jm#1
-X2jn#1
-X2jo#1
-X2jp#1
-X2jq#1
-X2jr#1
-X2js#1
-X2jt#1
-X2ju#1
-X2jv#1
-X2jw#1
-X2jx#1
-X2jy#1
-X2jz#1
-X2ka#1
-X2kb#1
-X2kc#1
-X2kd#1
-X2ke#1
-X2kf#1
-X2kg#1
-X2kh#1
-X2ki#1
-X2kj#1
-X2kk#1
-X2kl#1
-X2km#1
-X2kn#1
-X2ko#1
-X2kp#1
-X2kq#1
-X2kr#1
-X2ks#1
-X2kt#1
-X2ku#1
-X2kv#1
-X2kw#1
-X2kx#1
-X2ky#1
-X2kz#1
-X2la#1
-X2lb#1
-X2lc#1
-X2ld#1
-X2le#1
-X2lf#1
-X2lg#1
-X2lh#1
-X2li#1
-X2lj#1
-X2lk#1
-X2ll#1
-X2lm#1
-X2ln#1
-X2lo#1
-X2lp#1
-X2lq#1
-X2lr#1
-X2ls#1
-X2lt#1
-X2lu#1
-X2lv#1
-X2lw#1
-X2lx#1
-X2ly#1
-X2lz#1
-X2ma#1
-X2mb#1
-X2mc#1
-X2md#1
-X2me#1
-X2mf#1
-X2mg#1
-X2mh#1
-X2mi#1
-X2mj#1
-X2mk#1
-X2ml#1
-X2mm#1
-X2mn#1
-X2mo#1
-X2mp#1
-X2mq#1
-X2mr#1
-X2ms#1
-X2mt#1
-X2mu#1
-X2mv#1
-X2mw#1
-X2mx#1
-X2my#1
-X2mz#1
-X2na#1
-X2nb#1
-X2nc#1
-X2nd#1
-X2ne#1
-X2nf#1
-X2ng#1
-X2nh#1
-X2ni#1
-X2nj#1
-X2nk#1
-X2nl#1
-X2nm#1
-X2nn#1
-X2no#1
-X2np#1
-X2nq#1
-X2nr#1
-X2ns#1
-X2nt#1
-X2nu#1
-X2nv#1
-X2nw#1
-X2nx#1
-X2ny#1
-X2nz#1
-X2oa#1
-X2ob#1
-X2oc#1
-X2od#1
-X2oe#1
-X2of#1
-X2og#1
-X2oh#1
-X2oi#1
-X2oj#1
-X2ok#1
-X2ol#1
-X2om#1
-X2on#1
-X2oo#1
-X2op#1
-X2oq#1
-X2or#1
-X2os#1
-X2ot#1
-X2ou#1
-X2ov#1
-X2ow#1
-X2ox#1
-X2oy#1
-X2oz#1
-X2pa#1
-X2pb#1
-X2pc#1
-X2pd#1
-X2pe#1
-X2pf#1
-X2pg#1
-X2ph#1
-X2pi#1
-X2pj#1
-X2pk#1
-X2pl#1
-X2pm#1
-X2pn#1
-X2po#1
-X2pp#1
-X2pq#1
-X2pr#1
-X2ps#1
-X2pt#1
-X2pu#1
-X2pv#1
-X2pw#1
-X2px#1
-X2py#1
-X2pz#1
-X2qa#1
-X2qb#1
-X2qc#1
-X2qd#1
-X2qe#1
-X2qf#1
-X2qg#1
-X2qh#1
-X2qi#1
-X2qj#1
-X2qk#1
-X2ql#1
-X2qm#1
-X2qn#1
-X2qo#1
-X2qp#1
-X2qq#1
-X2qr#1
-X2qs#1
-X2qt#1
-X2qu#1
-X2qv#1
-X2qw#1
-X2qx#1
-X2qy#1
-X2qz#1
-X2ra#1
-X2rb#1
-X2rc#1
-X2rd#1
-X2re#1
-X2rf#1
-X2rg#1
-X2rh#1
-X2ri#1
-X2rj#1
-X2rk#1
-X2rl#1
-X2rm#1
-X2rn#1
-X2ro#1
-X2rp#1
-X2rq#1
-X2rr#1
-X2rs#1
-X2rt#1
-X2ru#1
-X2rv#1
-X2rw#1
-X2rx#1
-X2ry#1
-X2rz#1
-X2sa#1
-X2sb#1
-X2sc#1
-X2sd#1
-X2se#1
-X2sf#1
-X2sg#1
-X2sh#1
-X2si#1
-X2sj#1
-X2sk#1
-X2sl#1
-X2sm#1
-X2sn#1
-X2so#1
-X2sp#1
-X2sq#1
-X2sr#1
-X2ss#1
-X2st#1
-X2su#1
-X2sv#1
-X2sw#1
-X2sx#1
-X2sy#1
-X2sz#1
-X2ta#1
-X2tb#1
-X2tc#1
-X2td#1
-X2te#1
-X2tf#1
-X2tg#1
-X2th#1
-X2ti#1
-X2tj#1
-X2tk#1
-X2tl#1
-X2tm#1
-X2tn#1
-X2to#1
-X2tp#1
-X2tq#1
-X2tr#1
-X2ts#1
-X2tt#1
-X2tu#1
-X2tv#1
-X2tw#1
-X2tx#1
-X2ty#1
-X2tz#1
-X2ua#1
-X2ub#1
-X2uc#1
-X2ud#1
-X2ue#1
-X2uf#1
-X2ug#1
-X2uh#1
-X2ui#1
-X2uj#1
-X2uk#1
-X2ul#1
-X2um#1
-X2un#1
-X2uo#1
-X2up#1
-X2uq#1
-X2ur#1
-X2us#1
-X2ut#1
-X2uu#1
-X2uv#1
-X2uw#1
-X2ux#1
-X2uy#1
-X2uz#1
-X2va#1
-X2vb#1
-X2vc#1
-X2vd#1
-X2ve#1
-X2vf#1
-X2vg#1
-X2vh#1
-X2vi#1
-X2vj#1
-X2vk#1
-X2vl#1
-X2vm#1
-X2vn#1
-X2vo#1
-X2vp#1
-X2vq#1
-X2vr#1
-X2vs#1
-X2vt#1
-X2vu#1
-X2vv#1
-X2vw#1
-X2vx#1
-X2vy#1
-X2vz#1
-X2wa#1
-X2wb#1
-X2wc#1
-X2wd#1
-X2we#1
-X2wf#1
-X2wg#1
-X2wh#1
-X2wi#1
-X2wj#1
-X2wk#1
-X2wl#1
-X2wm#1
-X2wn#1
-X2wo#1
-X2wp#1
-X2wq#1
-X2wr#1
-X2ws#1
-X2wt#1
-X2wu#1
-X2wv#1
-X2ww#1
-X2wx#1
-X2wy#1
-X2wz#1
-X2xa#1
-X2xb#1
-X2xc#1
-X2xd#1
-X2xe#1
-X2xf#1
-X2xg#1
-X2xh#1
-X2xi#1
-X2xj#1
-X2xk#1
-X2xl#1
-X2xm#1
-X2xn#1
-X2xo#1
-X2xp#1
-X2xq#1
-X2xr#1
-X2xs#1
-X2xt#1
-X2xu#1
-X2xv#1
-X2xw#1
-X2xx#1
-X2xy#1
-X2xz#1
-X2ya#1
-X2yb#1
-X2yc#1
-X2yd#1
-X2ye#1
-X2yf#1
-X2yg#1
-X2yh#1
-X2yi#1
-X2yj#1
-X2yk#1
-X2yl#1
-X2ym#1
-X2yn#1
-X2yo#1
-X2yp#1
-X2yq#1
-X2yr#1
-X2ys#1
-X2yt#1
-X2yu#1
-X2yv#1
-X2yw#1
-X2yx#1
-X2yy#1
-X2yz#1
-X2za#1
-X2zb#1
-X2zc#1
-X2zd#1
-X2ze#1
-X2zf#1
-X2zg#1
-X2zh#1
-X2zi#1
-X2zj#1
-X2zk#1
-X2zl#1
-X2zm#1
-X2zn#1
-X2zo#1
-X2zp#1
-X2zq#1
-X2zr#1
-X2zs#1
-X2zt#1
-X2zu#1
-X2zv#1
-X2zw#1
-X2zx#1
-X2zy#1
-X2zz#1
-X3a#1
-X3b#1
-X3c#1
-X3d#1
-X3e#1
-X3f#1
-X3g#1
-X3h#1
-X3i#1
-X3j#1
-X3k#1
-X3l#1
-X3m#1
-X3n#1
-X3o#1
-X3p#1
-X3q#1
-X3r#1
-X3s#1
-X3t#1
-X3u#1
-X3v#1
-X3w#1
-X3x#1
-X3y#1
-X3z#1
-X3aa#1
-X3ab#1
-X3ac#1
-X3ad#1
-X3ae#1
-X3af#1
-X3ag#1
-X3ah#1
-X3ai#1
-X3aj#1
-X3ak#1
-X3al#1
-X3am#1
-X3an#1
-X3ao#1
-X3ap#1
-X3aq#1
-X3ar#1
-X3as#1
-X3at#1
-X3au#1
-X3av#1
-X3aw#1
-X3ax#1
-X3ay#1
-X3az#1
-X3ba#1
-X3bb#1
-X3bc#1
-X3bd#1
-X3be#1
-X3bf#1
-X3bg#1
-X3bh#1
-X3bi#1
-X3bj#1
-X3bk#1
-X3bl#1
-X3bm#1
-X3bn#1
-X3bo#1
-X3bp#1
-X3bq#1
-X3br#1
-X3bs#1
-X3bt#1
-X3bu#1
-X3bv#1
-X3bw#1
-X3bx#1
-X3by#1
-X3bz#1
-X3ca#1
-X3cb#1
-X3cc#1
-X3cd#1
-X3ce#1
-X3cf#1
-X3cg#1
-X3ch#1
-X3ci#1
-X3cj#1
-X3ck#1
-X3cl#1
-X3cm#1
-X3cn#1
-X3co#1
-X3cp#1
-X3cq#1
-X3cr#1
-X3cs#1
-X3ct#1
-X3cu#1
-X3cv#1
-X3cw#1
-X3cx#1
-X3cy#1
-X3cz#1
-X3da#1
-X3db#1
-X3dc#1
-X3dd#1
-X3de#1
-X3df#1
-X3dg#1
-X3dh#1
-X3di#1
-X3dj#1
-X3dk#1
-X3dl#1
-X3dm#1
-X3dn#1
-X3do#1
-X3dp#1
-X3dq#1
-X3dr#1
-X3ds#1
-X3dt#1
-X3du#1
-X3dv#1
-X3dw#1
-X3dx#1
-X3dy#1
-X3dz#1
-X3ea#1
-X3eb#1
-X3ec#1
-X3ed#1
-X3ee#1
-X3ef#1
-X3eg#1
-X3eh#1
-X3ei#1
-X3ej#1
-X3ek#1
-X3el#1
-X3em#1
-X3en#1
-X3eo#1
-X3ep#1
-X3eq#1
-X3er#1
-X3es#1
-X3et#1
-X3eu#1
-X3ev#1
-X3ew#1
-X3ex#1
-X3ey#1
-X3ez#1
-X3fa#1
-X3fb#1
-X3fc#1
-X3fd#1
-X3fe#1
-X3ff#1
-X3fg#1
-X3fh#1
-X3fi#1
-X3fj#1
-X3fk#1
-X3fl#1
-X3fm#1
-X3fn#1
-X3fo#1
-X3fp#1
-X3fq#1
-X3fr#1
-X3fs#1
-X3ft#1
-X3fu#1
-X3fv#1
-X3fw#1
-X3fx#1
-X3fy#1
-X3fz#1
-X3ga#1
-X3gb#1
-X3gc#1
-X3gd#1
-X3ge#1
-X3gf#1
-X3gg#1
-X3gh#1
-X3gi#1
-X3gj#1
-X3gk#1
-X3gl#1
-X3gm#1
-X3gn#1
-X3go#1
-X3gp#1
-X3gq#1
-X3gr#1
-X3gs#1
-X3gt#1
-X3gu#1
-X3gv#1
-X3gw#1
-X3gx#1
-X3gy#1
-X3gz#1
-X3ha#1
-X3hb#1
-X3hc#1
-X3hd#1
-X3he#1
-X3hf#1
-X3hg#1
-X3hh#1
-X3hi#1
-X3hj#1
-X3hk#1
-X3hl#1
-X3hm#1
-X3hn#1
-X3ho#1
-X3hp#1
-X3hq#1
-X3hr#1
-X3hs#1
-X3ht#1
-X3hu#1
-X3hv#1
-X3hw#1
-X3hx#1
-X3hy#1
-X3hz#1
-X3ia#1
-X3ib#1
-X3ic#1
-X3id#1
-X3ie#1
-X3if#1
-X3ig#1
-X3ih#1
-X3ii#1
-X3ij#1
-X3ik#1
-X3il#1
-X3im#1
-X3in#1
-X3io#1
-X3ip#1
-X3iq#1
-X3ir#1
-X3is#1
-X3it#1
-X3iu#1
-X3iv#1
-X3iw#1
-X3ix#1
-X3iy#1
-X3iz#1
-X3ja#1
-X3jb#1
-X3jc#1
-X3jd#1
-X3je#1
-X3jf#1
-X3jg#1
-X3jh#1
-X3ji#1
-X3jj#1
-X3jk#1
-X3jl#1
-X3jm#1
-X3jn#1
-X3jo#1
-X3jp#1
-X3jq#1
-X3jr#1
-X3js#1
-X3jt#1
-X3ju#1
-X3jv#1
-X3jw#1
-X3jx#1
-X3jy#1
-X3jz#1
-X3ka#1
-X3kb#1
-X3kc#1
-X3kd#1
-X3ke#1
-X3kf#1
-X3kg#1
-X3kh#1
-X3ki#1
-X3kj#1
-X3kk#1
-X3kl#1
-X3km#1
-X3kn#1
-X3ko#1
-X3kp#1
-X3kq#1
-X3kr#1
-X3ks#1
-X3kt#1
-X3ku#1
-X3kv#1
-X3kw#1
-X3kx#1
-X3ky#1
-X3kz#1
-X3la#1
-X3lb#1
-X3lc#1
-X3ld#1
-X3le#1
-X3lf#1
-X3lg#1
-X3lh#1
-X3li#1
-X3lj#1
-X3lk#1
-X3ll#1
-X3lm#1
-X3ln#1
-X3lo#1
-X3lp#1
-X3lq#1
-X3lr#1
-X3ls#1
-X3lt#1
-X3lu#1
-X3lv#1
-X3lw#1
-X3lx#1
-X3ly#1
-X3lz#1
-X3ma#1
-X3mb#1
-X3mc#1
-X3md#1
-X3me#1
-X3mf#1
-X3mg#1
-X3mh#1
-X3mi#1
-X3mj#1
-X3mk#1
-X3ml#1
-X3mm#1
-X3mn#1
-X3mo#1
-X3mp#1
-X3mq#1
-X3mr#1
-X3ms#1
-X3mt#1
-X3mu#1
-X3mv#1
-X3mw#1
-X3mx#1
-X3my#1
-X3mz#1
-X3na#1
-X3nb#1
-X3nc#1
-X3nd#1
-X3ne#1
-X3nf#1
-X3ng#1
-X3nh#1
-X3ni#1
-X3nj#1
-X3nk#1
-X3nl#1
-X3nm#1
-X3nn#1
-X3no#1
-X3np#1
-X3nq#1
-X3nr#1
-X3ns#1
-X3nt#1
-X3nu#1
-X3nv#1
-X3nw#1
-X3nx#1
-X3ny#1
-X3nz#1
-X3oa#1
-X3ob#1
-X3oc#1
-X3od#1
-X3oe#1
-X3of#1
-X3og#1
-X3oh#1
-X3oi#1
-X3oj#1
-X3ok#1
-X3ol#1
-X3om#1
-X3on#1
-X3oo#1
-X3op#1
-X3oq#1
-X3or#1
-X3os#1
-X3ot#1
-X3ou#1
-X3ov#1
-X3ow#1
-X3ox#1
-X3oy#1
-X3oz#1
-X3pa#1
-X3pb#1
-X3pc#1
-X3pd#1
-X3pe#1
-X3pf#1
-X3pg#1
-X3ph#1
-X3pi#1
-X3pj#1
-X3pk#1
-X3pl#1
-X3pm#1
-X3pn#1
-X3po#1
-X3pp#1
-X3pq#1
-X3pr#1
-X3ps#1
-X3pt#1
-X3pu#1
-X3pv#1
-X3pw#1
-X3px#1
-X3py#1
-X3pz#1
-X3qa#1
-X3qb#1
-X3qc#1
-X3qd#1
-X3qe#1
-X3qf#1
-X3qg#1
-X3qh#1
-X3qi#1
-X3qj#1
-X3qk#1
-X3ql#1
-X3qm#1
-X3qn#1
-X3qo#1
-X3qp#1
-X3qq#1
-X3qr#1
-X3qs#1
-X3qt#1
-X3qu#1
-X3qv#1
-X3qw#1
-X3qx#1
-X3qy#1
-X3qz#1
-X3ra#1
-X3rb#1
-X3rc#1
-X3rd#1
-X3re#1
-X3rf#1
-X3rg#1
-X3rh#1
-X3ri#1
-X3rj#1
-X3rk#1
-X3rl#1
-X3rm#1
-X3rn#1
-X3ro#1
-X3rp#1
-X3rq#1
-X3rr#1
-X3rs#1
-X3rt#1
-X3ru#1
-X3rv#1
-X3rw#1
-X3rx#1
-X3ry#1
-X3rz#1
-X3sa#1
-X3sb#1
-X3sc#1
-X3sd#1
-X3se#1
-X3sf#1
-X3sg#1
-X3sh#1
-X3si#1
-X3sj#1
-X3sk#1
-X3sl#1
-X3sm#1
-X3sn#1
-X3so#1
-X3sp#1
-X3sq#1
-X3sr#1
-X3ss#1
-X3st#1
-X3su#1
-X3sv#1
-X3sw#1
-X3sx#1
-X3sy#1
-X3sz#1
-X3ta#1
-X3tb#1
-X3tc#1
-X3td#1
-X3te#1
-X3tf#1
-X3tg#1
-X3th#1
-X3ti#1
-X3tj#1
-X3tk#1
-X3tl#1
-X3tm#1
-X3tn#1
-X3to#1
-X3tp#1
-X3tq#1
-X3tr#1
-X3ts#1
-X3tt#1
-X3tu#1
-X3tv#1
-X3tw#1
-X3tx#1
-X3ty#1
-X3tz#1
-X3ua#1
-X3ub#1
-X3uc#1
-X3ud#1
-X3ue#1
-X3uf#1
-X3ug#1
-X3uh#1
-X3ui#1
-X3uj#1
-X3uk#1
-X3ul#1
-X3um#1
-X3un#1
-X3uo#1
-X3up#1
-X3uq#1
-X3ur#1
-X3us#1
-X3ut#1
-X3uu#1
-X3uv#1
-X3uw#1
-X3ux#1
-X3uy#1
-X3uz#1
-X3va#1
-X3vb#1
-X3vc#1
-X3vd#1
-X3ve#1
-X3vf#1
-X3vg#1
-X3vh#1
-X3vi#1
-X3vj#1
-X3vk#1
-X3vl#1
-X3vm#1
-X3vn#1
-X3vo#1
-X3vp#1
-X3vq#1
-X3vr#1
-X3vs#1
-X3vt#1
-X3vu#1
-X3vv#1
-X3vw#1
-X3vx#1
-X3vy#1
-X3vz#1
-X3wa#1
-X3wb#1
-X3wc#1
-X3wd#1
-X3we#1
-X3wf#1
-X3wg#1
-X3wh#1
-X3wi#1
-X3wj#1
-X3wk#1
-X3wl#1
-X3wm#1
-X3wn#1
-X3wo#1
-X3wp#1
-X3wq#1
-X3wr#1
-X3ws#1
-X3wt#1
-X3wu#1
-X3wv#1
-X3ww#1

NOTICE! CABLES WITH STICKER

FOR EXAMPLE

POINT -A-

-B1f#1 MAIN DC NEG. POINT PORT
10 INPUT- -XG1a:1
25/10
300 mm

-B1g#1 MAIN DC NEG. POINT PORT
10 INPUT- -XG1b:1
25/10
300 mm

-B1h#1 MAIN DC NEG. POINT PORT
10 INPUT- -XG1c:1
25/10
300 mm

-B1m#1 MAIN DC NEG. POINT PORT
10 INPUT- -X4h:5
ERF2-10
300 mm

400 mm

SPLIT TUBE IF NECESSARY

TAPE SPLITTED TUBE EVERY 200 mm
200 mm

1.

CONNECTION
TO BATTERY BOX HARNESS

-B_X1a
DT04-4P
14048
+W4P
14051

-B_X1a#1
1 SB_E_MS_C_YEL -X4f:1
2 SB_E_MS_C_RED -X4f:2
3 SB_E_MS_C_BRN -X4f:3
4 SB_E_MS_C_ORG -X4f:4
DT04-4P
200 mm

-B_X1b
DT04-4P
14048
+W4P
14051

-B_X1b#1
1 PT_E_MS_C_YEL -X4f:5
2 PT_E_MS_C_RED -X4f:6
3 PT_E_MS_C_BRN -X4f:7
4 PT_E_MS_C_ORG -X4f:8
DT04-4P
200 mm

-B_X1c
DT04-4P
14048
+W4P
14051

-B_X1c#1
1 SERV_MS_C_YEL -X4g:1
2 SERV_MS_C_RED -X4g:2
3 SERV_MS_C_BRN -X4g:3
4 SERV_MS_C_ORG -X4g:4
DT04-4P
200 mm

200 mm

LABEL
POINT -B-

200 mm

4700 mm
/100.E3

DELIVERED SEPARATELY

-A.45a & -A.46a
2 PCS DT04-2P
16461
+ 2PCS WEDGELOCK: W2P
16467
+ 4 PCS DLU 10931852

-B_X1d
DT06-3S
18508
+W3S
18509

-B_X1d#1
1 INPUT- -M2:-
2 INPUT- -A12:-
3 ISOL_IGN -IG3:1
DT06-3S
200 mm

-B_X1e
DTP06-2S-C015
18513
+WP-2S
18517

-B_X1e#1
1 INPUT- -H46:-
2 INPUT- -H45:-
DTP06-2S-C015

-B_X1f#1
1 B_HA_MS_C_YEL -X4g:5
2 B_HA_MS_C_BRN -X4g:7
3 B_HA_MS_C_ORG -X4g:8
4
DT04-4P
200 mm

-B_X1f
DT04-4P
14048
+W4P
14051
+ S. PLUG
10930900

1600 mm

TRIM TAB STBD -A45#1
500 mm
-TR_X1:1 STB_TRIM+ 1
-TR_X1:2 STB_TRIM- 2
DT06-2S
-A45#1
DT06-2S
10930002
+ W2S
10930102

UW LIGHT STB -H45#1
500 mm
-RL_X1b:2 UW_LT_STB +
-B_X1e:2 INPUT- -

2500 mm

TRIM TAB PORT -A46#1
500 mm
-TR_X2:1 PORT_TRIM+ 1
-TR_X2:2 PORT_TRIM- 2
DT06-2S
-A46#1
DT06-2S
10930002
+ W2S
10930102

UW LIGHT PORT -H46#1
500 mm
-RL_X1b:5 UW_LT_PORT +
-B_X1e:1 INPUT- -

-A107#1 BILGE ALARM FLOAT SWITCH
BLG_ALRM_IN -X4h:3
BLG_ALRM_OUT -X4h:4
700 mm

-M2#1 BILGE PUMP AFT
MAN BILGE_AFT_MAN -RL_X1e:2
AUTO BILGE_AFT+ -X2a:3
- INPUT- -B_X1d:1
700 mm

Date of modification	Modified by	Description						
16.10.2023	PF	F11: 2004916; Added X4j & DIM_COM- wire	Date	20.5.2019	NAVIX designed solutions	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 / Project ID
17.2.2023	RK	F10: SEVERAL MODIFICATIONS.	Sheet rev.	12	Copyright by	37 MY20	HULL HARNESS	HL / 99 / 210
			Project rev.	G		Boat model	Title	Loc / Sheet

2a.

HULL H. INPUT-
-XG1a-1#1 5 INPUT- -X7a:8, -X6b:10
-XG1a-2#1 5 INPUT- -RL_X1a:11, -RL_X1g:11
-XG1a-3#1 4 INPUT- -M_SX.1:1
-XG1a-4#1 4 INPUT- -X3a:4
-XG1a-5#1 4 INPUT- -A95a:-
-XG1a-7#1 4 INPUT- -A95b:-
-XG1a-13#1 4 INPUT- -A5:-
-XG1a-14#1 4 INPUT- -A75:-
-XG1a-16#1 4 INPUT- -A27:-, -X13b:2
ERF2-4
HULL H. INPUT-
-XG1a#1 INPUT- -B1f:1
25/5
-XG.1a
AES-1616-11
15318
90 mm
80 mm
70 mm
60 mm
50 mm
40 mm
30 mm
500 mm
500 mm
22824 NW 22
PP-MOD

HULL H. INPUT-
-XG1b-3#1 4 INPUT- -A31:-
-XG1b-4#1 4 INPUT- -A32:-
-XG1b-5#1 4 INPUT- -A14:-
-XG1b-7#1 4 INPUT- -A30:-
-XG1b-8#1 4 INPUT- -M3:-
-XG1b-10#1 4 INPUT- -A64:-
-XG1b-11#1 4 INPUT- -A65:-
-XG1b-12#1 4 INPUT- -A11a:GND-
-XG1b-13#1 4 INPUT- -A74
-XG1b-15#1 4 INPUT- -A13:-
KR4
HULL H. INPUT-
-XG1b#1 INPUT- -B1g:1
25/5
-XG.1b
AES-1616-11
15318
80 mm
70 mm
60 mm
50 mm
40 mm
30 mm
500 mm
500 mm
22824 NW 22
PP-MOD

-XG2c#1
4 KR4
-XG3a:1, -XG4a:1 GROUND
4 YELLOW
600 mm
500 mm
22820 NW 8,5
PP-MOD

HULL H. INPUT-
-A66:- INPUT- 5 -XG1c-1#1
-A67:- INPUT- 5 -XG1c-2#1
-M15:- INPUT- 4 -XG1c-3#1
-M7:- INPUT- 4 -XG1c-4#1
-X13a:2 INPUT- 4 -XG1c-5#1
-X12:2 INPUT- 4 -XG1c-6#1
-A44a:- INPUT- 4 -XG1c-7#1
-X11:2 INPUT- 4 -XG1c-8#1
-A4:- INPUT- 4 -XG1c-9#1
-M1:- INPUT- 4 -XG1c-10#1
-M8:- INPUT- 4 -XG1c-11#1
-A10:- INPUT- 4 -XG1c-12#1
-X3a:7 INPUT- 5 -XG1c-13#1
HULL H. INPUT-
-B1h:1 INPUT- -XG1c#1
25/5
-XG.1c
AES-1616-11
15318
90 mm
80 mm
70 mm
60 mm
50 mm
40 mm
30 mm
500 mm
500 mm
22824 NW 22
PP-MOD

IMPORTANT!
TIGHTEN LOWER BOLT
BEFORE INSTALLING WIRE
TERMINALS TO BUSBAR.
BOLTS & NUTS TIGHTEN
15318, AES 1616-11

-XG.1a: HULL H. MINUS
ADD LABEL TO BASE
OF THE BUSBAR.

-XG.1b: HULL H. MINUS
ADD LABEL TO BASE
OF THE BUSBAR.

-XG.1c: HULL H. MINUS
ADD LABEL TO BASE
OF THE BUSBAR.

DELIVERED SEPARATELY
1PCS DTP04-4P-C015
18515
+ 1PCS WEDGELOCK: WP-4P
18519
+ 3 PCS DLU-12
+ 1PCS SEAL PLUG
10930900

CUSTOMER: WITH
LIGHT PACK LEAVE
L_X3c UNCONNECTED
ONLY USE L_X3a
WITH DOUBLE
MOMENTARY SWITCH

LABEL
JMP1
-L_X.3a-2 JMP1 1
-L_X.3a-:1 JMP1 2
MC_ROOF_LT 3
2634310
CUSTOMER: If light
pack and no switch here,
remove JMP1

LABEL
JMP3
-L_X.3c-:3 JMP3 1
MAIN_CAB_LT+ 2
-L_X.3c-:1 JMP3 3
2634310

-XG4a#1 FUEL TANK
1 6 GROUND -XG2c:1
3560.02KR6
2500 mm
2400 mm
27041 NW 7,5
PP-MOD

-L_X3a#1 ROOF LT SW OR LIGHT PACK
1 MAIN_CAB_LT+ -RL_X1g:6
2 MAIN_CAB_LT+ -RL_X1g:1
3 MAIN_CAB_LT+ -RL_X1g:4
2635310
3000 mm
2400 mm
27041 NW 7,5
PP-MOD

-L_X3c#1 AMBIENT LT SW FWD
1 MAIN_CAB_LT+ -RL_X1j:6
2 MAIN_CAB_LT+ -RL_X1j:2
3 MAIN_CAB_LT+ -RL_X1j:1
2635310
200 mm
LABEL
ONLY NON-LIGHT PACK

-L_X.3a-
CONNECT
-L_X3a
2635310
(3NT BACK VIEW)
(3UT BACK VIEW)

-L_X.3c-
CONNECT
-L_X3c
2635310
(3NT BACK VIEW)
(3UT BACK VIEW)

-A5#1 WASTE W. SNS.: PWR
+ CONTROL_2 -X2d:6
- INPUT- -XG1a-13:1
1200 mm
1100 mm
21693 NW 4,5
PP-MOD

/99.D5

200 mm
200 mm
22467 NW 50
PP-MOD

LABEL
POINT -A-

/101.D6

LIVE WELL H. CONNECTION -X11#1
-X2d:10 LIVE_WELL_PMP 1
-XG1c-8:1 INPUT- 2
300 mm
300 mm
22820 NW 8,5
PP-MOD
-X11#1
2637810
(2UT BACK VIEW)
2637810

ELECT. ROOF H. CONNECTION -X12#1
-X2a:1 SOFT_TOP 1
-XG1c-6:1 INPUT- 2
300 mm
300 mm
22820 NW 8,5
PP-MOD
DTP06-2S-C015
-X12#1
DTP06-2S-C015
18513
+WP-2S
18517

-X2c:1 SEARCH_LT+ 1
-XG1c-5:1 INPUT- 2
300 mm
300 mm
22820 NW 8,5
PP-MOD
DTP06-2S-C015
-X13a#1
-X13a
DTP06-2S-C015
18513
+WP-2S
18517

-X13b#1
-X2f:10 CONTROL_2 1
-XG1a-16:1 INPUT- 2
300 mm
200 mm
21693 NW 4,5
PP MOD
DT06-2S
-X13b#1
DT06-2S
10930002
+ W2S
10930102

MACERATOR -M8#1
-X2f:7 MACERATOR_OUT +
-XG1c-11:1 INPUT- -
2600 mm
2500 mm
22820 NW 8,5 PP-MOD

100 mm
100 mm
22467 NW 50 PP-MOD
/104.D2
TO X3 and X4 CONNECTIONS

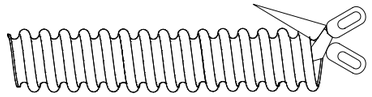
200 mm
200 mm
22467 NW 50 PP-MOD
/102.F3
TO HELM AREA

-T_X1#1 TOILET SWITCH PANEL
1 TOILET+ -X2d:11
2 WC_SOL_VALVE+ -A4:+
3 EL_TOILET+ -M1:+
4
DTP06-4S-C015
-T_X1#1
DTP06-4S-C015
18514
+ WP4S
18518
+ S.PLUG
10930900
1000 mm
900 mm
22821 NW 10
PP-MOD
LABEL
POINT -E-
400 mm
400 mm
22823 NW 17
PP-MOD
1300 mm
1300 mm
22821 NW 10
PP-MOD

1600 mm
1500 mm
22820 NW 8,5
PP-MOD
WC WASTE PUMP -M1#1
-T X1:3 EL_TOILET+ +
-XG1c-10:1 INPUT- -
700 mm
600 mm
21693 NW 4,5
PP-MOD
DRAIN BONDING -XG3a#1
-XG2c:1 GROUND 4
BILGE PUMP MID -M3#1
500 mm
400 mm
27041 NW 7,5
PP-MOD
-RL_X1e:5 BILGE_MID_MAN MAN
-X2a:5 BILGE_MID+ AUTO
-XG1b-8:1 INPUT- -
SUMP PUMP -M15#1
600 mm
500 mm
21693 NW 4,5
PP-MOD
-X2d:9 SUMP_PUMP +
-XG1c-3:1 INPUT- -

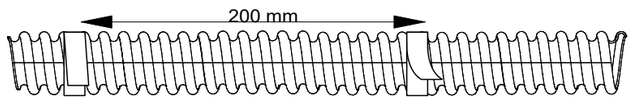
Date of modification	Modified by	Description						
16.10.2023	PF	F11: 2004916; Added X4j & DIM_COM- wire	Date	20.5.2019	NAVIX designed solutions	Axopar		29585
11.3.2024	PF	G12: 2005054; Added/mod connections to deck h., rel. unit, lt switches, swp	Drawing by	TuM		Boat	Sub-product code	Product code /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

SPLIT TUBE IF NECESSARY



TAPE SPLITTED TUBE EVERY 200 mm

200 mm



-A27#1 W. WASHER SOLENOID
+ W_WASH -RL_X1c:5
- INPUT- -XG1a-16:1
1900 mm
1800 mm
21693 NW 4,5
PP-MOD

-MS4_CF1/2a#1 -MS4_CF.1/2 LABEL
B_HA_MS_C_RED -M_SX.1:2
300 mm

-MS4_CF2/2a#1 -MS4_CF.2/2 LABEL
B_HA_MS_C_RED -X4g:6
370 mm

-M_SX.1#1
1 INPUT- -XG1a-3:1
2 B_HA_MS_C_RED -MS4_CF1/2a
3 B_HA_MS_C_BRN -X4g:7
4 B_HA_MS_C_YEL -X4g:5
5
6 B_HA_MS_C_ORG -X4g:8
DTM04-6P

-M_SX.1
DTM04-6P
33003
+ 6P WEDGELOCK
33004
+ S. PLUG #20 RED
25957

300 mm
200 mm
22821 NW 10
PP-MOD

LABEL
POINT -C-

4000 mm
4000 mm
22823 NW 17
PP-MOD
/100.F4

-M7#1 WATER PUMP
+ FW_PUMP -X2f:1
- INPUT- -XG1c-4:1
1200 mm
1100 mm
27041 NW 7,5
PP-MOD

-A75#1 THR/WINCH REMOTE POWER
+ CONTROL_1 -X2d:5
- INPUT- -XG1a-14:1, -A78:-
2900 mm
2800 mm
21693 NW 4,5
PP-MOD

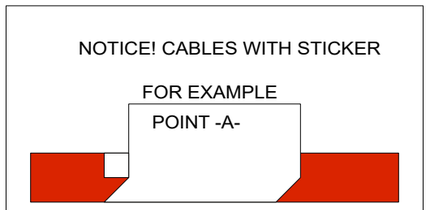
1000 mm
800 mm
22820 NW 8,5
PP-MOD

WC SOLENOID VALVE -A4#1
-T X1:2 WC_SOL_VALVE+ +
-XG1c-9:1 INPUT- -

-A78#1 AFT WINCH CONTROL
+ CONTROL_1 -X2f:9
- INPUT- -A75:-
300 mm
200 mm
21693 NW 4,5
PP-MOD

NOTICE! CABLES WITH STICKER

FOR EXAMPLE



Date of modification	Modified by	Description						
16.10.2023	PF	F11: 2004916; Added X4j & DIM_COM- wire	Date	31.08.2020	NAVIX designed solutions	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	Project ID
17.2.2023	RK	F10: SEVERAL MODIFICATIONS.	Sheet rev.	12		37 MY20	HULL HARNESS	HL	101/ 210
			Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

3.

CONNECTION TO RELAY UNIT

CONNECTION TO FUSE PANEL

-RL_X1a#1 — 2638010 — (11U BACK VIEW)

1	PLOTTER_1_IN	-X2c:5
2	PLOTTER_1_OUT	-A31:+
3	MC_RF_L_REL_C	-X6b:2
4	PLOTTER_2	-X2c:11
5	PLOTTER_2_OUT	-A32:+
6	MC_AMB_L_REL_C	X6b:3
7	HUB_NEP	-X2c:8
8	HUB_NEP_OUT	-A12:+
9	RADAR_IN	-X2c:6
10	RADAR_OUT	-A13:+
11	INPUT-	-X2b:6, -XG1a-2:1

-RL_X1b#1 — 2635810 — (8U BACK VIEW) — 2635810

1	UW_LT_STB+	-X2b:10
2	UW_LT_STB	-H45:+
3	UW_LT_REL_C	-X6b:5
4	UW_LT_PORT+	-X2b:11
5	UW_LT_PORT	-H46:+
6	UW_LT_REL_C	-X6b:5
7	UW_LT_STB	-X6b:8
8	NAV_ON	-X7c:8

-RL_X1c#1 — 2638010 — (11U BACK VIEW)

1	WIPER+	-X2c:2
2	WIP_SLOW	-X4c:3
3	WIP_REL_C	-X7a:2
4	W_WASH+	-X2c:3
5	W_WASH	-A27:+
6	W_WASH_REL_C	-X7a:4
7	WIP_SLOW	-X4c:4
8	WIP_SLOW	-X4c:5
9	WIP_SLOW	-X4c:6
10	WIP_SLOW	-X7a:7
11	W_WASH	-X7b:7

-RL_X1d#1 — 2635410 — (4U BACK VIEW)

1	HORN+	-X2c:4
2	HORN	-X4b:9
3	HORN_REL_C	-X7a:6
4	MAIN_CAB_LT+	

-RL_X1e#1 — 2635610 — (6U BACK VIEW)

1	BILGE_AFT+	-X2a:2
2	BILGE_AFT_MAN	-M2:MAN, -X7b:5
3	BLG_AFT_REL_C	-X7b:6
4	BILGE_MID+	-X2a:4
5	BILGE_MID_MAN	-M3:MAN, -X7b:2
6	BLG_MD_REL_C	-X7b:3

-RL_X1f#1 — 2635810 — (8U BACK VIEW)

1	AUX_1+	-X2e:3
2	ROOF_BEAM_LT	-A64:+, -X4b:8
3	AUX_1_REL_C	-X7c:2
4	AUX_2+	-X2e:4
5	AUX_2	-A65:+
6	AUX_R_C/BOW_TH	-X7c:4
7	ROOF_BEAM_LT	-X7c:5
8	AUX_2	-X7c:6

-RL_X1k — 2635810 — (2U BACK VIEW) — 2635210

-RL_X1k#1

1	CAMERA_IN	-X2d:3
2	CAMERA_OUT	-X4d:2

-RL_X1j — 2635810 — (8U BACK VIEW)

-RL_X1j#1 — 2635810

1	MAIN_CAB_LT+	-L_X3c:3
2	MAIN_CAB_LT+	-L_X3c:2
3	MC_AMB_LT	-X4m:4
4	MC_AMB_LT	-X4m:5
5	MAIN_CAB_LT+	-X2b:4
6	MAIN_CAB_LT+	-L_X3c:1
7	MC_AMB_LT	-X6b:7, -X4m:6
8		

-RL_X1g#1 — 2638010

1	MAIN_CAB_LT+	-L_X3a:2
2	MC_ROOF_LT	-X4k:4
3	MC_ROOF_LT	-X4k:5
4	MAIN_CAB_LT+	-L_X3a:3
5	MAIN_CAB_LT+	-X2b:3
6	MAIN_CAB_LT+	-L_X3a:1
7	MC_ROOF_LT	-X4k:6, -X6b:6
8		
9		
10	INPUT-	-RL_X1g:11
11	INPUT-	-RL_X1g:10, -XG1a-2:1

-RL_X1h#1 — 2635810

1	ROOF_DIM	-X6c:1
2	MC_COM	-X6c:2
3	AMB_DIM	-X6c:3
4	MC_COM	-X6c:4
5	MC_ROOF_LT	-X4b:3, -X6c:6
6	MC_ROOF_NEG	-X4k:8, -X6c:5
7	MC_AMB_LT	-X4b:4, -X6c:8
8	MC_AMB_NEG	-X4a:4, -X6c:7

-RL_X1h — 2635810 — (8U BACK VIEW)

! LABEL

200 mm — 100 mm 22823 NW 17 PP-MOD

-RL_X1g — 2638010 — (11U BACK VIEW)

-X2e#1 — 2638010

1	OUTLET_1	-A10:+
2	OUTLET_2	-X4e:1
3	AUX_1+	-RL_X1f:1, -X7c:1
4	AUX_2+	-RL_X1f:4, -X7c:3
5	AUX_3+	-A67:+, -A66:+
6	CO_MONITOR+	-X4d:3
7	CO_MONITOR+	-X4d:10
8	CO_MONITOR+	-X4d:11
9	MERC_AUX_REL+	-M_K1:1
10	WIPER+	-X4c:1
11	WIPER+	-X4c:2

-X2e#1 — 2638010 — (11U BACK VIEW)

-X2f#1 — 2638010

1	FW_PUMP	-M7:+
2	FRIDGE_CAB	-X4d:6
3	FRIDGE_OPN_STB	-X4d:7
4	FRIDGE_OPN_STB	-X4d:8
5	FRIDGE	-X4d:9
6	CONTROL_2	-X7a:1
7	MACERATOR_OUT	-M8:+
8	OUTLET_1	-X3a:5, -X4j:1
9	CONTROL_1	-A78:+
10	CONTROL_2	-X13b:1
11	GRILL	-X4c:7

-X2f#1 — 2638010 — (11U BACK VIEW)

-X2h#1 NAVIOP/EGON — 2635210 — (2U BACK VIEW)

1	EGON	-A95a:+
2	NAVIOP	-A95b:+

300 mm — 200 mm 22824 NW 22 PP-MOD

-A95a#1 EGON

+	EGON	-X2h:1, -A95d:+
-	INPUT-	-XG1a-5:1, -A95d:-

400 mm — 300 mm 27041 NW 7,5 PP-MOD

500 mm — 400 mm 27041 NW 7,5 PP-MOD

AUX 2 -A65#1

-RL_X1f:5	AUX_2	+
-XG1b-11:1	INPUT-	-

100 mm — 100 mm 41108 NW37 PP-MOD BLACK

600 mm — 600 mm 22467 NW 50 PP-MOD

EXTRA NAVIG. MINUS -A74#1

-XG1b-13:1	INPUT-	X

1300 mm — 1200 mm 21693 NW 4,5 PP-MOD

MERCURY AUX RELAY INPUT -M_K1#1

-X2e:9	MERC_AUX_REL+	1

4425.02

1300 mm — 1200 mm 21693 NW 4,5 PP-MOD

-A95b#1 NAVIOP OP-BOX

+	NAVIOP	-X2h:2
-	INPUT-	-XG1a-7:1

200 mm — 100 mm 22823 NW 17 PP-MOD

300 mm — 200 mm 27041 NW 7,5 PP-MOD

-A64#1 AUX 1

+	ROOF_BEAM_LT	-RL_X1f:2
-	INPUT-	-XG1b-10:1

500 mm — 400 mm 27041 NW 7,5 PP-MOD

-A66#1 HELM EXTRA 1

+	AUX_3+	-X2e:5
-	INPUT-	-XG1c-1:1

1300 mm — 1200 mm 27041 NW 7,5 PP-MOD

-A67#1 HELM EXTRA 2

+	AUX_3+	-X2e:5
-	INPUT-	-XG1c-2:1

1300 mm — 1200 mm 27041 NW 7,5 PP-MOD

-A11a#1

+12V	STEREO	-X2d:1
GND-	INPUT-	-XG1b-12:1
MEMORY	MEMORY	-X2a:6

1200 mm — 1100 mm 22821 NW 10 PP-MOD

-A11b#1 STEREO: EXT. INTEF.

EXT	AMP_ON	-X4d:1

-X2a#1 — 2635810 — (8U BACK VIEW)

-X12:1	SOFT_TOP	1
-RL_X1e:1, -X7b:4	BILGE_AFT+	2
-M2:AUTO, -X4h:2	BILGE_AFT+	3
-RL_X1e:4, -X7b:1	BILGE_MID+	4
-M3:AUTO	BILGE_MID+	5
-A11a:MEMORY	MEMORY	6
-X4d:4	HEATER	7
-X4d:5	HEATER_C	8

2635810

-X2b#1 — 2638010 — (11U BACK VIEW)

-X6a:4, -X6a:1	NAV_LT_IN	1
-X6b:1	MAIN_CAB_LT+	2
-RL_X1g:5	MAIN_CAB_LT+	3
-RL_X1j:5	MAIN_CAB_LT+	4
-X3a:2	FWD_CAB_LT+	5
-RL_X1a:11	INPUT-	6
-X4e:2	AFT_CAB_LT+	7
-X4e:3	AFT_CAB_LT+	8
-X6a:7	DECK_LT+	9
-RL_X1b:1	UW_LT_STB+	10
-RL_X1b:4	UW_LT_PORT+	11

2638010

-X2c#1 — 2638010 — (11U BACK VIEW)

-X13a:1	SEARCH_LT+	1
-RL_X1c:1	WIPER+	2
-RL_X1c:4, -X7a:3	W_WASH+	3
-RL_X1d:1, -X7a:5	HORN+	4
-RL_X1a:1	PLOTTER_1_IN	5
-RL_X1a:9	RADAR_IN	6
-A14:+	VHF_RADIO	7
-RL_X1a:7	HUB_NEP	8
-A30:+	NMEA2000	9
-X6b:4	UW_LT_STB+	10
-RL_X1a:4	PLOTTER_2	11

2638010

-X2d#1 — 2638010 — (11U BACK VIEW)

-A11a:+12V	STEREO	1
-X4h:1	WETBAR_LT	2
-RL_X1k:1	CAMERA_IN	3
-A44a:+	TRIM	4
-A75:+	CONTROL_1	5
-A5:+	CONTROL_2	6
-X4e:4	AFT_CAB_LT+	7
-X4c:8	WIFI	8
-M15:+	SUMP_PUMP	9
-X11:1	LIVE_WELL_PMP	10
-T_X1:1	TOILET+	11

2638010

LABEL:

NON LIGHT PACK: CONNECT TO RELAY UNIT
LIGHT PACK: CONNECT TO DIMMER KIT AND LEAVE RL_X1j UNCONNECTED

900 mm — 900 mm 22467 NW 50 PP-MOD

/100.E6

/103.D1 TO SWITCH PANEL AREA

NOTICE! CABLES WITH STICKER

FOR EXAMPLE

POINT -A-

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

Sub-product code | Project ID | HL | Loc | 102 / 210 Sheet

4.

DELIVERED SEPARATELY
2PCS DT04-2P
16461

+ 2PCS WEDGELOCK: W2P
16467
+ 4 PCS DLU 10931852

LABEL:
TRIM: DEFAULT CONNECTIONS

-A44a#1 TRIM J-STICK: POWER
+ TRIM -X2d:4
- INPUT- -XG1c-7:1
100 mm

-A44d#1 TRIM J-STICK: KEY
TRIM_IG_KEY -IG_X.1:3
100 mm

-TR_X1#1
DT06-2S
10930002
+ W2S
10930102

-TR_X1#1 TRIM J-STICK: TRIM STBD
1 STB_TRIM+ -A45:1
2 STB_TRIM- -A45:2
DT06-2S
100 mm

-TR_X2#1
DT06-2S
10930002
+ W2S
10930102

-TR_X2#1 TRIM J-STICK: TRIM PORT
1 PORT_TRIM+ -A46:1
2 PORT_TRIM- -A46:2
DT06-2S
100 mm

900 mm
800 mm
22822 NW 13
PP-MOD

-A95d#1 GENIUS
+ EGON -A95a:+
- INPUT- -A95a:-
600 mm
500 mm
21693 NW 4,5
PP-MOD

LABEL
POINT -D-

/102.F7

-A12#1 HUB/NEP
+ HUB_NEP_OUT -RL_X1a:8
- INPUT- -B_X1d:2
600 mm

-A13#1 RADAR
+ RADAR_OUT -RL_X1a:10
- INPUT- -XG1b-15:1
600 mm

-A31#1 PLOTTER 1
+ PLOTTER_1_OUT -RL_X1a:2
- INPUT- -XG1b-3:1
600 mm

-A32#1 PLOTTER 2
+ PLOTTER_2_OUT -RL_X1a:5
- INPUT- -XG1b-4:1
600 mm

-A10#1 HELM USB OUTLET
+ OUTLET_1 -X2e:1
- INPUT- -XG1c-12:1
2000 mm

-A14#1 VHF-RADIO
+ VHF_RADIO -X2c:7
- INPUT- -XG1b-5:1
600 mm

NOTICE! CABLES WITH STICKER

FOR EXAMPLE
POINT -A-

STB ENG TRIM IG KEY -IG1#1
-IG_X.1:1 STB_TRIM_IG_KEY 1
4422.02

PORT ENG TRIM IG KEY -IG2#1
-IG_X.1:2 PRT_TRIM_IG_KEY 1
4422.02

1300 mm
1200 mm
21693 NW 4,5
PP-MOD

-IG_X.1#1
2634310
(3NT BACK VIEW)

IGN DIODE SET -IG_X.1#1
-IG1:1 STB_TRIM_IG_KEY 1
-IG2:1 PRT_TRIM_IG_KEY 2
-A44d TRIM_IG_KEY 3
2634310

200 mm
100 mm
27041 NW 7,5
PP-MOD

CONNECTED

-IG_X1#1 IGN DIODE SET
2635310
1 STB_TRIM_IG_KEY -D6:1
2 PRT_TRIM_IG_KEY -D7:1
3 TRIM_IG_KEY -D6:2, -D7:2

-IG_X1#1
2635310
(3UT BACK VIEW)

DIODE
DIODE
DIODE
WITH SHRINK TUBE
-D6#1
P600G
6A
DIODE
WITH SHRINK TUBE
-D7#1
P600G
6A

CONNECTION
TO SWITCH PANEL, PORT SWITCH GROUP

-X6a#1
-X2b:1 NAV_LT_IN 1
2
3
-X2b:1 NAV_LT_IN 4
-X4a:2 NAV_LT_OUT 5
-X4a:1 ANCH_LT_OUT 6
-X2b:9 DECK_LT+ 7
-X4a:7 DECK_LT 8
-X4a:8 DECK_LT 9
-X4a:9 DECK_LT 10
-X4a:10 DECK_LT 11
2638010

-X6a#1
2638010
11 10
9 8 7
6 5 4
3 2 1
(11U BACK VIEW)

900 mm
800 mm
22823 NW 17
PP-MOD

-X6b#1
-X2b:2 MAIN_CAB_LT+ 1
-RL_X1a:3 MC_RF_L_REL_C 2
-RL_X1a:6 MC_AMB_L_REL_C 3
-X2c:10 UW_LT_STB+ 4
-RL_X1b:3, -RL_X1b:6 UW_LT_REL_C 5
-RL_X1g:7 MC_ROOF_LT 6
-RL_X1j:7 MC_AMB_LT 7
-RL_X1b:7 UW_LT_STB 8
-X7b:8 DIM_COM- 9
-XG1a-1:1 INPUT- 10
11
2638010

-X6b#1
2638010
11 10
9 8 7
6 5 4
3 2 1
(11U BACK VIEW)

-X6c#1
-RL_X1h:1 ROOF_DIM 1
-RL_X1h:2 MC_COM 2
-RL_X1h:3 AMB_DIM 3
-RL_X1h:4 MC_COM 4
-RL_X1h:6 MC_ROOF_NEG 5
-RL_X1h:5 MC_ROOF_LT 6
-RL_X1h:8 MC_AMB_NEG 7
-RL_X1h:7 MC_AMB_LT 8
2635810

-X6c
2635810
8 7 6 5
4 3 2 1
(8U BACK VIEW)

900 mm
800 mm
22823 NW 17
PP-MOD

1300 mm
1200 mm
21693 NW 4,5
PP-MOD

ISOLATOR IGN -IG3#1
-B_X1d:3 ISOL_IGN 1
4422.02

800 mm
700 mm
21693 NW 4,5
PP-MOD

NMEA200 POWER -A30#1
-X2c:9 NMEA2000 +
-XG1b-7:1 INPUT- -

CONNECTION
TO SWITCH PANEL, STB SWITCH GROUP

-X7a#1
-X2f:6, -X7c:7 CONTROL_2 1
-RL_X1c:3 WIP_REL_C 2
-X2c:3 W_WASH+ 3
-RL_X1c:6 W_WASH_REL_C 4
-X2c:4 HORN+ 5
-RL_X1d:3 HORN_REL_C 6
-RL_X1c:10 WIP_SLOW 7
-XG1a-1:1 INPUT- 8
2635810

-X7a#1
2635810
8 7 6 5
4 3 2 1
(8U BACK VIEW)

-X7b#1
-X2a:4 BILGE_MID+ 1
-RL_X1e:5 BILGE_MID_MAN 2
-RL_X1e:6 BLG_MD_REL_C 3
-X2a:2 BILGE_AFT+ 4
-RL_X1e:2 BILGE_AFT_MAN 5
-RL_X1e:3 BLG_AFT_REL_C 6
-RL_X1c:11 W_WASH 7
-X6b:9 DIM_COM- 8
2635810

-X7b#1
2635810
8 7 6 5
4 3 2 1
(8U BACK VIEW)

-X7c#1
-X2e:3 AUX_1+ 1
-RL_X1f:3 AUX_1_REL_C 2
-X2e:4 AUX_2+ 3
-RL_X1f:6 AUX_R_C/BOW_TH 4
-RL_X1f:7 ROOF_BEAM_LT 5
-RL_X1f:8 AUX_2 6
-X7a:1 CONTROL_2 7
-RL_X1b:8 NAV_ON 8
2635810

-X7c#1
2635810
8 7 6 5
4 3 2 1
(8U BACK VIEW)

Date of modification	Modified by	Description
16.10.2023	PF	F11: 2004916; Added X4j & DIM_COM- wire
11.3.2024	PF	G12: 2005054; Added/mod connections to deck h., rel. unit, lt switches, swp
17.2.2023	RK	F10: SEVERAL MODIFICATIONS.

Date	20.5.2019
Drawing by	TuM
Sheet rev.	12
Project rev.	G

NAVIX designed solutions
Copyright by

Axopar		29585	
Boat	Sub-product code	Product code	Project ID
37 MY20	HULL HARNESS	HL	103 / 210
Boat model	Title	Loc	Sheet

5.

CONNECTION
TO DECK HARNESS

CONNECTION
TO FWD CABIN HARNESS

-X3a#1
2635810
(8U BACK VIEW)

-X3a#1
- 1 FWD_CAB_LT+ -X2b:5
- 2
- 3 INPUT- -XG1a-4:1
- 4 OUTLET_1 -X3a:6, -X2f:8
- 5 OUTLET_1 -X3a:5
- 6 INPUT- -XG1c-13:1, -X3a:8
- 7 INPUT- -X3a:7
- 8

2635810

500 mm
400 mm
22822 NW 13
PP-MOD

100 mm

-X4a#1
- -X6a:6 ANCH_LT_OUT 1
- -X6a:5, -X4a:3 NAV_LT_OUT 2
- -X4a:2 NAV_LT_OUT 3
- -RL_X1h:8, -X4a:5 MC_AMB_NEG 4
- -X4b:5, -X4a:4 MC_AMB_NEG 5
- 6
- -X6a:8 DECK_LT 7
- -X6a:9 DECK_LT 8
- -X6a:10 DECK_LT 9
- -X6a:11 DECK_LT 10
- 11

2638010

-X4a#1
2638010
(11U BACK VIEW)

-X4b#1
- -X4b:2 MC_ROOF_LT 1
- -X4b:3, -X4b:1 MC_ROOF_LT 2
- -RL_X1h:5, -X4b:2 MC_ROOF_LT 3
- -RL_X1h:7, -X4b:7 MC_AMB_LT 4
- -X4a:5 MC_AMB_NEG 5
- -X4b:7 MC_AMB_LT 6
- -X4b:4, -X4b:6 MC_AMB_LT 7
- -RL_X1f:2 ROOF_BEAM_LT 8
- -RL_X1d:2 HORN 9
- 10
- 11

2638010

-X4b#1
2638010
(11U BACK VIEW)

300 mm
300 mm
22825 NW 26
PP-MOD

-X4c#1
- -X2e:10 WIPER+ 1
- -X2e:11 WIPER+ 2
- -RL_X1c:2 WIP_SLOW 3
- -RL_X1c:7 WIP_SLOW 4
- -RL_X1c:8 WIP_SLOW 5
- -RL_X1c:9 WIP_SLOW 6
- -X2f:11 GRILL 7
- -X2d:8 WIFI 8

2635810

-X4c#1
2635810
(8U BACK VIEW)

/100.E6

-X4e#1
2635410
(4U BACK VIEW)

-X4e#1
- 1 OUTLET_2 -X2e:2
- 2 AFT_CAB_LT+ -X2b:7
- 3 AFT_CAB_LT+ -X2b:8
- 4 AFT_CAB_LT+ -X2d:7

2635410

300 mm
200 mm
22823 NW 17
PP-MOD

200 mm
100 mm
22823 NW 17
PP-MOD

-X4d#1
- -A11b:EXT AMP_ON 1
- -RL_X1k:2 CAMERA_OUT 2
- -X2e:6 CO_MONITOR+ 3
- -X2a:7 HEATER 4
- -X2a:8 HEATER_C 5
- -X2f:2 FRIDGE_CAB 6
- -X2f:3 FRIDGE_OPN_STB 7
- -X2f:4 FRIDGE_OPN_STB 8
- -X2f:5 FRIDGE 9
- -X2e:7 CO_MONITOR+ 10
- -X2e:8 CO_MONITOR+ 11

2638010

-X4d#1
2638010
(11U BACK VIEW)

-X4f#1
2635810
(8U BACK VIEW)

-X4f#1
- 1 SB_E_MS_C_YEL -B_X1a:1
- 2 SB_E_MS_C_RED -B_X1a:2
- 3 SB_E_MS_C_BRN -B_X1a:3
- 4 SB_E_MS_C_ORG -B_X1a:4
- 5 PT_E_MS_C_YEL -B_X1b:1
- 6 PT_E_MS_C_RED -B_X1b:2
- 7 PT_E_MS_C_BRN -B_X1b:3
- 8 PT_E_MS_C_ORG -B_X1b:4

2635810

-X4m
2635610
(6U BACK VIEW)

-X4h#1
- -X2d:2 WETBAR_LT 1
- -X2a:3 BILGE_AFT+ 2
- -A107 BLG_ALRM_IN 3
- -A107 BLG_ALRM_OUT 4
- -B1m:1 INPUT- 5
- 6

2635610

-X4h
2635610
(6U BACK VIEW)

-X4g#1
2635810
(8U BACK VIEW)

-X4g#1
- 1 SERV_MS_C_YEL -B_X1c:1
- 2 SERV_MS_C_RED -B_X1c:2
- 3 SERV_MS_C_BRN -B_X1c:3
- 4 SERV_MS_C_ORG -B_X1c:4
- 5 B_HA_MS_C_YEL -B_X1f:1, -M_SX.1:4
- 6 B_HA_MS_C_RED -MS4_CF2/2a
- 7 B_HA_MS_C_BRN -B_X1f:2, -M_SX.1:3
- 8 B_HA_MS_C_ORG -M_SX.1:6, -B_X1f:3

2635810

-X4m#1
- 1 MC_AMB_LT -RL_X1i:3
- 2 MC_AMB_LT -RL_X1i:4
- 3 MC_AMB_LT -RL_X1i:7
- 4
- 5
- 6

2635610

-X4k#1
- 1 MC_ROOF_LT -RL_X1g:2
- 2 MC_ROOF_LT -RL_X1g:3
- 3 MC_ROOF_LT -RL_X1g:7
- 4 MC_ROOF_NEG -X4k:8
- 5 MC_ROOF_NEG -RL_X1h:6, -X4k:7
- 6
- 7
- 8

2635810

-X4k
2635810
(8U BACK VIEW)

-X4j#1
- 1 OUTLET_1 -X2f:8
- 2
- 3

2635310

-X4j
2635310
(3UT BACK VIEW)

SPLIT TUBE IF NECESSARY

TAPE SPLITTED TUBE EVERY 200 mm
200 mm

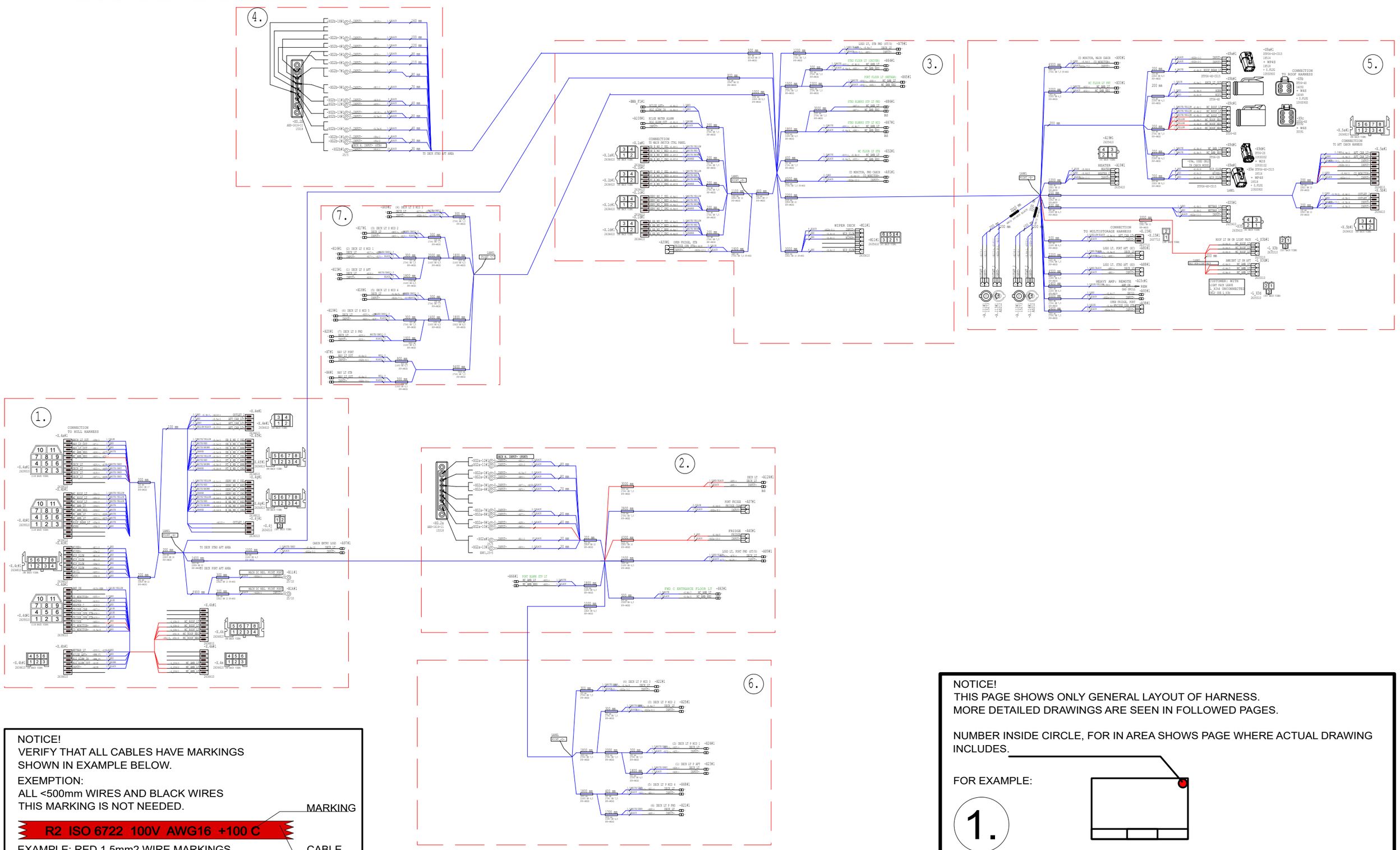
Date of modification	Modified by	Description
16.10.2023	PF	F11: 2004916; Added X4j & DIM_COM- wire
11.3.2024	PF	G12: 2005054; Added/mod connections to deck h., rel. unit, lt switches, swp
17.2.2023	RK	F10: SEVERAL MODIFICATIONS.

Date	20.5.2019
Drawing by	TuM
Sheet rev.	12
Project rev.	G

NAVIX designed solutions
Copyright by

Axopar		29585	
Boat	Sub-product code	Product code	Project ID
37 MY20	HULL HARNESS	HL	104 / 210
Boat model	Title	Loc	Sheet

HARNESS GENERAL LAYOUT



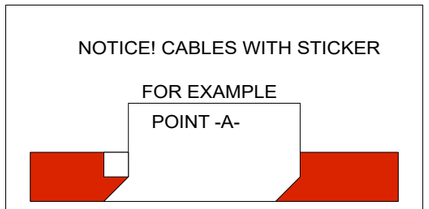
16.10.2023	TT	F10; 2004916; Added outlets A111-A114 & X4j	Date	20.5.2019	NAVIX designed solutions	Axopar		29586	
11.3.2024	PF	G11: 2005054; Logo lt supply to deck lt, flir, light pack	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
30.7.2024	PF	G12: 2004916; A114+1m, LS jumps, camera feed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

1.

NOTICE! CABLES WITH STICKER

FOR EXAMPLE

POINT -A-



CONNECTION
TO HULL HARNESS

-X.4a#1

1	ANCH_LT_OUT	-X9b:1
2	NAV_LT_OUT	-H7:+
3	NAV_LT_OUT	-H4:+
4	MC_AMB_NEG	-H64:-, -H67:-
5	MC_AMB_NEG	-H63:-, -H32:-
6		
7	DECK_LT	-H25:+, -A79:+
8	DECK_LT	-H22:+, -A80:+
9	DECK_LT	-H18:+
10	DECK_LT	-A97:+, -H69:+
11		

2639010

-X.4a#1
2639010
(11N BACK VIEW)

-X.4b#1

1	MC_ROOF_LT	-X9c:1
2	MC_ROOF_LT	-X9c:2
3	MC_ROOF_LT	-X9c:3
4	MC_AMB_LT	-X9d:1
5	MC_AMB_NEG	-X9d:2
6	MC_AMB_LT	-H32:+, -H64:+
7	MC_AMB_LT	-H63:+, -H67:+
8	ROOF_BEAM_LT	-X9a:4
9	HORN	-X9b:3
10		
11		

2639010

-X.4b#1
2639010
(11N BACK VIEW)

-X.4c#1

1	WIPER+	-M11:3
2	WIPER+	-X9e:2
3	WIP_SLOW	-M11:6
4	WIP_SLOW	-M11:2
5	WIP_SLOW	-X9e:3
6	WIP_SLOW	-X9e:1
7	GRILL	-A93:+
8	WIFI	-X9b:4

2634810

-X.4c#1
2634810
(8N BACK VIEW)

-X.4d#1

1	AMP_ON	-A15c:REM
2	CAMERA_OUT	-X9b:2
3	CO_MONITOR+	-A90:+
4	HEATER	-A19:1
5	HEATER_C	-A19:2
6	FRIDGE_CAB	-A37:+
7	FRIDGE_OPN_STB	-A38:+
8	FRIDGE_OPN_STB	-A39:+
9	FRIDGE	-A40:+
10	CO_MONITOR+	-A91:+
11	CO_MONITOR+	-X.5a:6

2639010

-X.4d#1
2639010
(11N BACK VIEW)

-X.4h#1

1	WETBAR_LT	-X35:1, -X35:2
2	BILGE_AFT+	-BWA_F1
3	BLG_ALRM_IN	-BWA_F1
4	BLG_ALRM_OUT	-A108
5	INPUT-	-A108
6		

2634610

-X.4h#1
2634610 (6N BACK VIEW)

300 mm
200 mm
22823 NW 17
PP-MOD

100 mm

200 mm
100 mm
22824 NW 22
PP-MOD

LABEL
POINT -A-

200 mm
200 mm
22825 NW 26
PP-MOD

/108.C3

TO DECK STBD AFT AREA

1600 mm
1600 mm
22824 NW 22
PP-MOD

/107.D4

TO DECK PORT AFT AREA

5900 mm

-X.4e#1

-X.5b:1, -A114:+	OUTLET_2	1
-X.5a:1	AFT_CAB_LT+	2
-X.5a:2	AFT_CAB_LT+	3
-X.15:1	AFT_CAB_LT+	4

2634410

-X.4e#1
2634410
(4N BACK VIEW)

-X.4f#1

-X.1a:1	SB_E_MS_C_YEL	1
-X.1a:2	SB_E_MS_C_RED	2
-X.1a:3	SB_E_MS_C_BRN	3
-X.1a:4	SB_E_MS_C_ORG	4
-X.1b:1	PT_E_MS_C_YEL	5
-X.1b:2	PT_E_MS_C_RED	6
-X.1b:3	PT_E_MS_C_BRN	7
-X.1b:4	PT_E_MS_C_ORG	8

2634810

-X.4f#1
2634810
(8N BACK VIEW)

-X.4g#1

-X.1c:1	SERV_MS_C_YEL	1
-X.1c:2	SERV_MS_C_RED	2
-X.1c:3	SERV_MS_C_BRN	3
-X.1c:4	SERV_MS_C_ORG	4
-X.1d:1	B_HA_MS_C_YEL	5
-X.1d:2	B_HA_MS_C_RED	6
-X.1d:3	B_HA_MS_C_BRN	7
-X.1d:4	B_HA_MS_C_ORG	8

2634810

-X.4g#1
2634810
(8N BACK VIEW)

-X.4j#1

-A113:+	OUTLET_1	1
		2
		3

2634310

-X.4j
2634310
(3NT BACK VIEW)

CABIN ENTRY LOGO -A97#1

1000 mm
900 mm
21693 NW 4,5
PP-MOD

-X.4a:10 DECK_LT +
-XG2a-3:1 INPUT- -

MAIN DC NEG. POINT PORT -B1i#1

300 mm
200 mm
22822 NW 13 PP-MOD

-XG2a:1 INPUT- 10
25/10

MAIN DC NEG. POINT PORT -B1k#1

300 mm
200 mm
22822 NW 13 PP-MOD

-XG2b:1 INPUT- 10
25/10

-X.4k#1

		1
		2
		3
-L_X3b:3	MC_ROOF_LT	4
-L_X3b:2	MC_ROOF_LT	5
-L_X3b:1	MC_ROOF_LT	6
-X9c:4	MC_ROOF_NEG	7
-X9c:5, -X9c:6	MC_ROOF_NEG	8

2634810

-X.4k
2634810
(8N BACK VIEW)

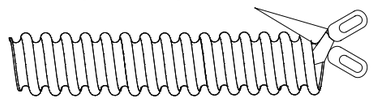
-X.4m#1

		1
		2
		3
-L_X3d:3	MC_AMB_LT	4
-L_X3d:2	MC_AMB_LT	5
-L_X3d:1	MC_AMB_LT	6

2634610

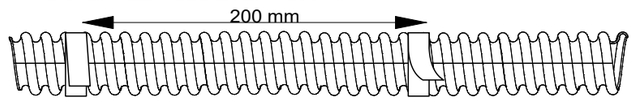
-X.4m
2634610 (6N BACK VIEW)

SPLIT TUBE IF NECESSARY



TAPE SPLITTED TUBE EVERY 200 mm

200 mm

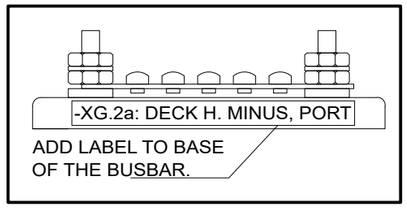


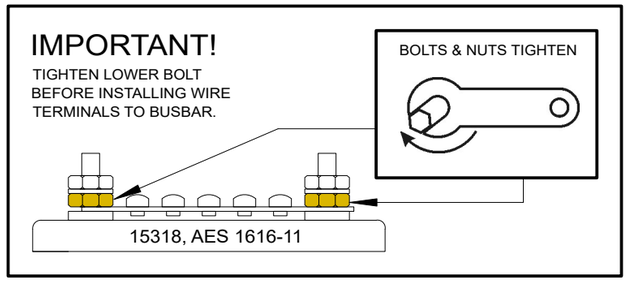
Date of modification	Modified by	Description
16.10.2023	TT	F10; 2004916; Added outlets A111-A114 & X4j
11.3.2024	PF	G11: 2005054; Logo lt supply to deck lt, flir, light pack
30.7.2024	PF	G12: 2005139; A114+1m, LS jumps, camera feed

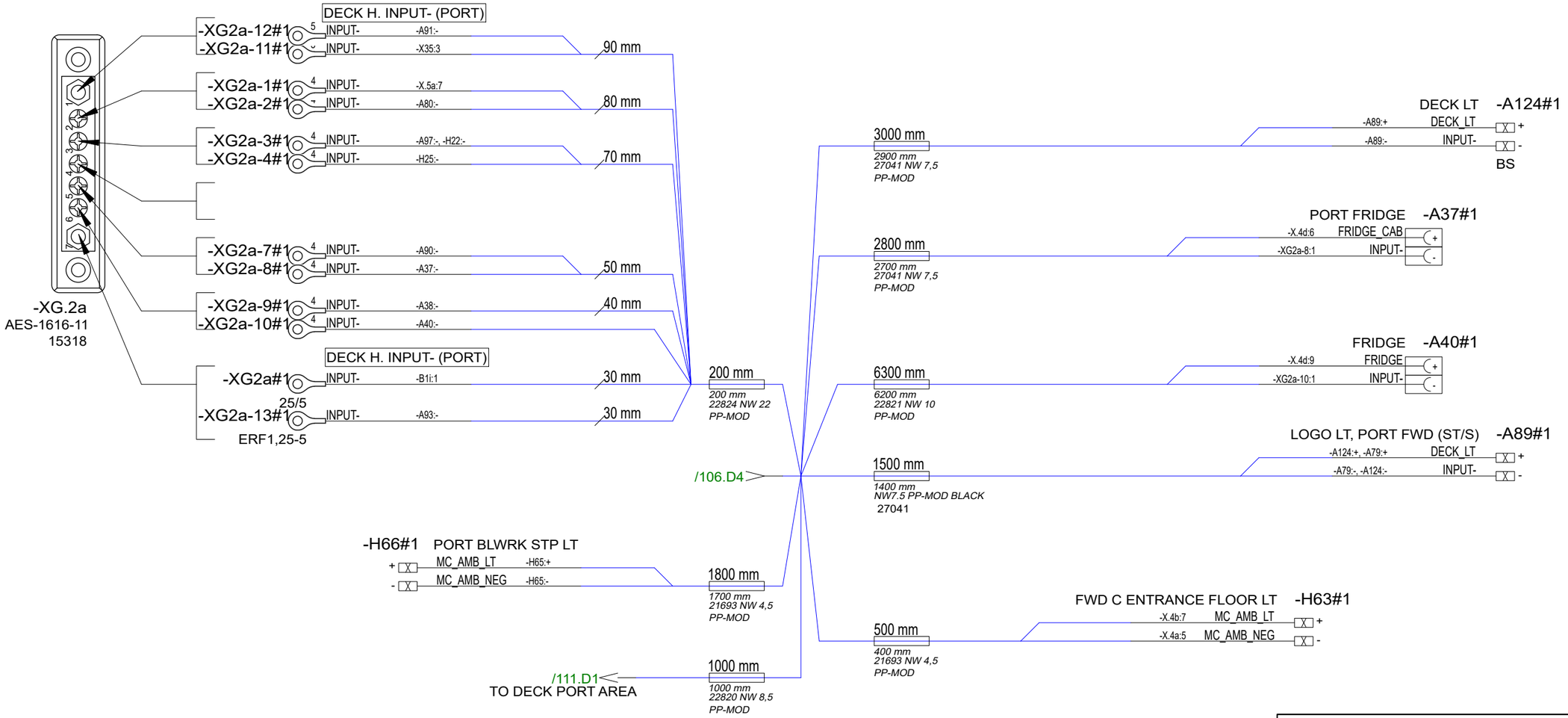
Date	17.5.2019
Drawing by	TuM
Sheet rev.	12
Project rev.	G

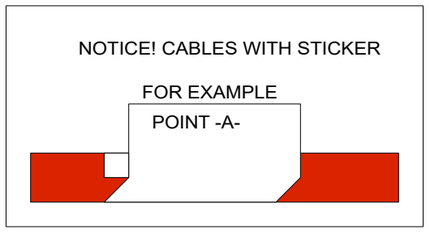
NAVIX designed solutions
Copyright by

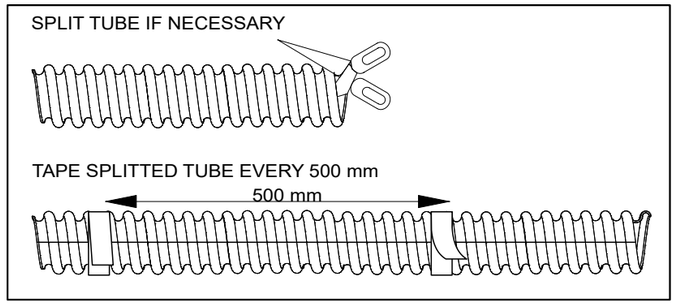
Axopar		29586	
Boat	Sub-product code	Product code	Project ID
37 MY20	DECK HARNESS	HL	106 / 210
Boat model	Title	Loc	Sheet





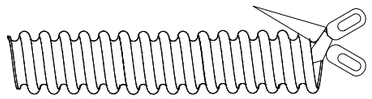






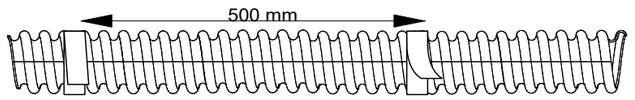
16.10.2023	TT	F10; 2004916; Added outlets A111-A114 & X4j	Date	17.5.2019	NAVIX designed solutions	Axopar		29586	
11.3.2024	PF	G11: 2005054; Logo lt supply to deck lt, flir, light pack	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
30.7.2024	PF	G12: 2005139; A114+1m, LS jumps, camera feed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

SPLIT TUBE IF NECESSARY



TAPE SPLITTED TUBE EVERY 500 mm

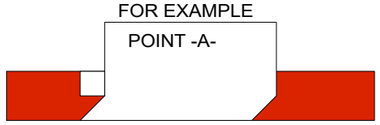
500 mm

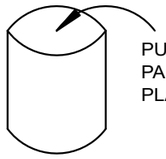


NOTICE! CABLES WITH STICKER

FOR EXAMPLE

POINT -A-





PUT SEPARATED
PARTS INTO
PLASTIC BAG

SEPAREATED PARTS

8 PCS 6434.01 LU

TO DECK HARNESS INPUT-
/109.E5
500 mm
500 mm
BG-42P NW 37
PP-MOD

/106.C4
800 mm
700 mm
22467 NW 50
PP-MOD

-BWA_F1#1
BILGE_AFT+ -X.4h:2
BLG_ALRM_IN -X.4h:3

-A108#1 BILGE WATER ALARM
BLG_ALRM_OUT -X.4h:4
INPUT- -X.4h:5
200 mm
100 mm
27041 NW 7,5
PP-MOD

CONNECTION
-X.1a#1 TO MAIN SWITCH CTRL PANEL
-X.1a#1
2634410 (4N BACK VIEW)
1 SB_E_MS_C_YEL -X.4f:1
2 SB_E_MS_C_RED -X.4f:2
3 SB_E_MS_C_BRN -X.4f:3
4 SB_E_MS_C_ORG -X.4f:4
200 mm
100 mm
27041 NW 7,5
PP-MOD
2634410

-X.1b#1
-X.1b#1
2634410 (4N BACK VIEW)
1 PT_E_MS_C_YEL -X.4f:5
2 PT_E_MS_C_RED -X.4f:6
3 PT_E_MS_C_BRN -X.4f:7
4 PT_E_MS_C_ORG -X.4f:8
200 mm
100 mm
27041 NW 7,5
PP-MOD
2634410

-X.1c#1
-X.1c#1
2634410 (4N BACK VIEW)
1 SERV_MS_C_YEL -X.4g:1
2 SERV_MS_C_RED -X.4g:2
3 SERV_MS_C_BRN -X.4g:3
4 SERV_MS_C_ORG -X.4g:4
200 mm
100 mm
27041 NW 7,5
PP-MOD
2634410

-X.1d#1
-X.1d#1
2634410 (4N BACK VIEW)
1 B_HA_MS_C_YEL -X.4g:5
2 B_HA_MS_C_RED -X.4g:6
3 B_HA_MS_C_BRN -X.4g:7
4 B_HA_MS_C_ORG -X.4g:8
200 mm
100 mm
27041 NW 7,5
PP-MOD
2634410

-A39#1 OPEN FRIDGE, STB
\+ FRIDGE_OPN_STB -X.4d:8
\- INPUT- -XG2b-12:1
1900 mm
1800 mm
27041 NW 7,5 PP-MOD

TO DECK STB AREA
/112.C1
1000 mm
1000 mm
22820 NW 8,5
PP-MOD

LABEL
POINT -F-
1100 mm
1100 mm
22822 NW 13
PP-MOD
400 mm
400 mm
22823 NW 17
PP-MOD

1200 mm
1100 mm
27041 NW 7,5
PP-MOD
LOGO LT, STB FWD (ST/S) -A79#1
-A89:+, -X.4a:7 DECK_LT +
-XG2b-5:1, -A89:- INPUT- -

300 mm
200 mm
27041 NW 7,5
PP-MOD
STBD FLOOR LT (DRIVER) -H64#1
-H65:+, -X.4b:6 MC_AMB_LT +
-X.4a:4, -H65:- MC_AMB_NEG -

1500 mm
1500 mm
27041 NW 7,5
PP-MOD
2300 mm
2200 mm
27041 NW 7,5
PP-MOD
PORT FLOOR LT (WETBAR) -H65#1
-H64:+, -H66:+ MC_AMB_LT +
-H64:-, -H66:- MC_AMB_NEG -

3000 mm
2200 mm
27041 NW 7,5
PP-MOD
STBD BLWRKS STP LT FWD -H86#1
-H67:+ MC_AMB_LT +
-H67:- MC_AMB_NEG -
BS

1800 mm
1700 mm
21693 NW 4,5
PP-MOD
STBD BLWRKS STP LT MID -H67#1
-H86:+, -X.4b:7 MC_AMB_LT +
-X.4a:4, -H86:- MC_AMB_NEG -
BS

400 mm
300 mm
27041 NW 7,5
PP-MOD
MC FLOOR LT STB -H32#1
-H33:+, -X.4b:6 MC_AMB_LT +
-X.4a:5, -H33:- MC_AMB_NEG -

4500 mm
4400 mm
27041 NW 7,5 PP-MOD
CO MONITOR, FWD CABIN -A91#1
-X.4d:10 CO_MONITOR+ +
-XG2a-12:1 INPUT- -

2200 mm
2100 mm
22824 NW 22
PP-MOD
/110.D2
TO -X.5 and -X9 CONNECTORS

3000 mm
2900 mm
22821 NW 10 PP-MOD
WIPER DECK -M11#1
-XG2b-9:1 INPUT- 1
-X.4c:4 WIP_SLOW 2
-X.4c:1 WIPER+ 3
4
5
-X.4c:3 WIP_SLOW 6
2635610

-M11#1
2635610 (6U BACK VIEW)
6 5 4
3 2 1

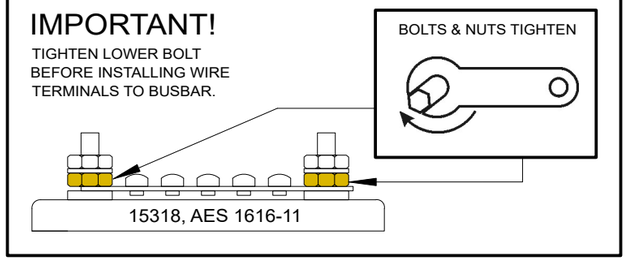
16.10.2023	TT	F10; 2004916; Added outlets A111-A114 & X4j	Date	17.5.2019	Axopar		29586
11.3.2024	PF	G11: 2005054; Logo lt supply to deck lt, flir, light pack	Drawing by	TuM	Boat	Sub-product code	Product code / Project ID
30.7.2024	PF	G12: 2005139; A114+1m, LS jumps, camera feed	Sheet rev.	12	37 MY20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

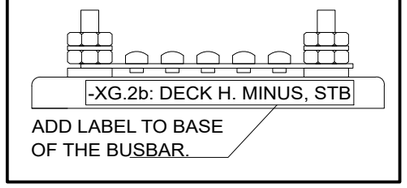
NAVIX designed solutions
Copyright by

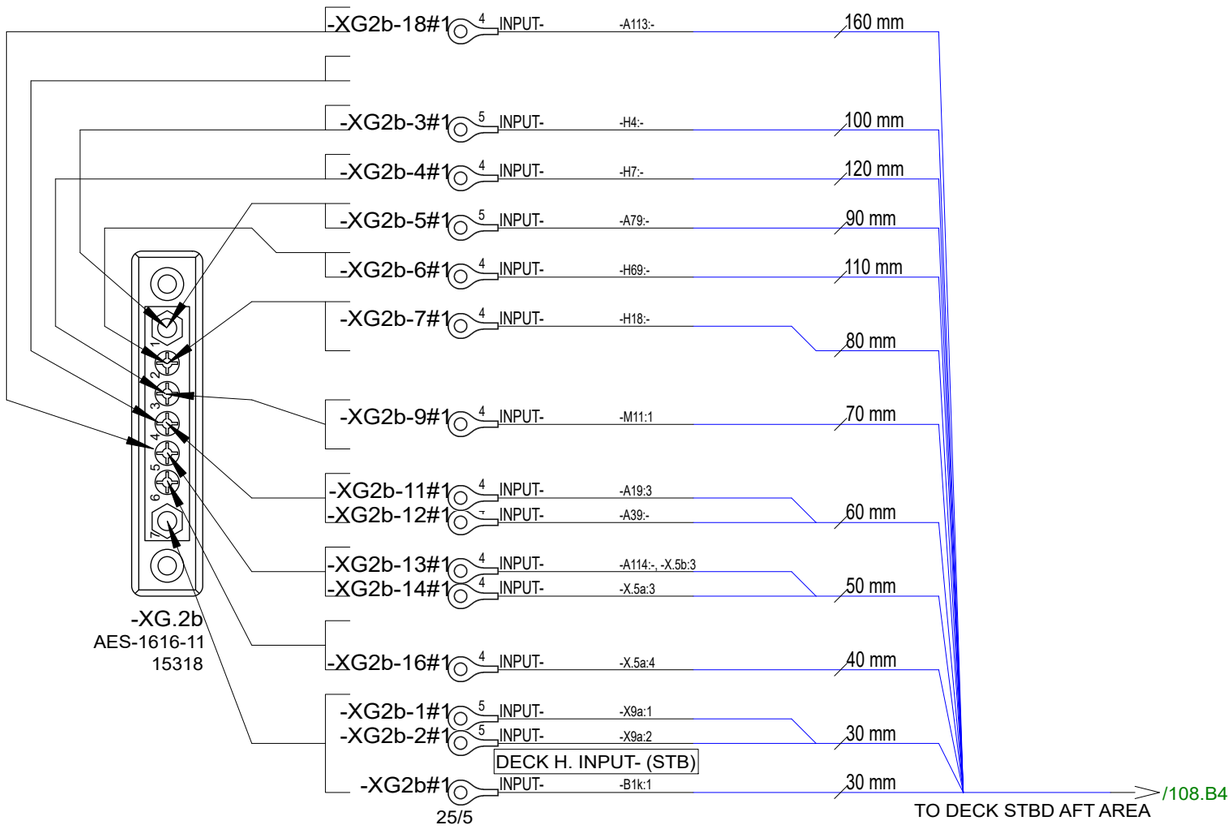
4.

IMPORTANT!

TIGHTEN LOWER BOLT
BEFORE INSTALLING WIRE
TERMINALS TO BUSBAR.







16.10.2023	TT	F10; 2004916; Added outlets A111-A114 & X4j	Date 17.5.2019	NAVIX designed solutions	Axopar		29586	
11.3.2024	PF	G11: 2005054; Logo lt supply to deck lt, flir, light pack	Drawing by TuM		Boat	Sub-product code	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	Copyright by	Boat model	Title	Loc	Sheet

5.

CO MONITOR, MAIN CABIN -A90#1
-X.4d:3 CO_MONITOR+ +
-XG2a-7:1 INPUT- -
6500 mm
6400 mm
27041 NW 7,5 PP-MOD

MC FLOOR LT PRT -H33#1
-H32:+ MC_AMB_LT +
-H32:- MC_AMB_NEG -
2000 mm
1900 mm
21693 NW 4,5
PP-MOD

200 mm

-A19#1
2635410
4 3
2 1
(4U BACK VIEW)

HEATER -A19#1
-X.4d:4 HEATER 1
-X.4d:5 HEATER_C 2
-XG2b-11:1 INPUT- 3
4
2635410
1200 mm
1100 mm
22821 NW 10
PP-MOD

LABEL
POINT -B-

/108.E6

200 mm
200 mm
22822 NW 13
PP-MOD

500 mm
400 mm
21693 NW 4,5
PP-MOD

2000 mm
1900 mm
22821 NW 10
PP-MOD
NW10 PP-MOD BLACK

3000 mm
2900 mm
22821 NW 10
PP-MOD
NW10 PP-MOD BLACK

200 mm
200 mm
200 mm
200 mm

OUTLET_1 -A113:+ INPUT- -A113:-
OUTLET_1 -A111:+, -X.4j:1 INPUT- -XG2b-18:1, -A111:-
OUTLET_2 -A114:+ INPUT- -A114:-
OUTLET_2 -X.4e:1, -A112:+ INPUT- -A112:-, -XG2b-13:1

-A.111#1 15273
-A.113#1 AS212
-A.112#1 15273
-A.114#1 AS212

CONNECTION
TO MULTISTORAGE HARNESS
-X.15#1
-X.4e:4 AFT_CAB_LT+ 1
-X.5a:3 INPUT- 2
2637710
-X.15#1
2637710
2
1
(2NT BACK VIEW)
3000 mm
2900 mm
22821 NW 10
PP-MOD

500 mm
400 mm
21693 NW 4,5
PP-MOD

LOGO LT. PORT AFT (XC) -A80#1
-A88:+, -X.4a:8 DECK_LT +
-XG2a-2:1, -A88:- INPUT- -
2200 mm
2100 mm
27041 NW 7,5
PP-MOD

LOGO LT. STBD AFT (XS) -A88#1
-A80:+ DECK_LT +
-A80:- INPUT- -
4500 mm
4400 mm
21693 NW 4,5
PP-MOD

HEAVY AMP: REMOTE -A15c#1
-X.4d:1 AMP_ON REM
1400 mm
1300 mm
21693 NW 4,5
PP-MOD

GAS GRILL -A93#1
-X.4c:7 GRILL +
-XG2a-13:1 INPUT- -
5000 mm
4900 mm
27041 NW 7,5
PP-MOD

OPEN FRIDGE, PORT -A38#1
-X.4d:7 FRIDGE_OPN_STB +
-XG2a-9:1 INPUT- -
2600 mm
2500 mm
27041 NW 7,5
PP-MOD

200 mm
100 mm
22820 NW 8,5
PP-MOD

-X9a#1
-XG2b-1:1 INPUT- 1
-XG2b-2:1 INPUT- 2
-X.4b:8 ROOF_BEAM_LT 3
4
DTP06-4S-C015

-X9a#1
DTP06-4S-C015
18514
+ WP4S
18518
+ S.PLUG
10930900

CONNECTION
TO ROOF HARNESS
-X9b
DTP06-4S
14050
+ W4S
14049

200 mm
100 mm
21693 NW 4,5
PP-MOD

-X9b#1
-X.4a:1 ANCH_LT_OUT 1
-X.4d:2 CAMERA_OUT 2
-X.4b:9 HORN 3
-X.4c:8 WIFI 4
DT06-4S

200 mm
100 mm
27041 NW 7,5
PP-MOD

-X9c#1
-X.4b:1 MC_ROOF_LT 1
-X.4b:2 MC_ROOF_LT 2
-X.4b:3 MC_ROOF_LT 3
-X.4k:7 MC_ROOF_NEG 4
-X.4k:8 MC_ROOF_NEG 5
-X.4k:8 MC_ROOF_NEG 6
DT06-6S

-X9c
DT06-6S
35592
+ W6S
35591

200 mm
100 mm
21693 NW 4,5
PP-MOD

-X9d#1
-X.4b:4 MC_AMB_LT 1
-X.4b:5 MC_AMB_NEG 2
DT06-2S

-X9d#1
DT06-2S
10930002
+ W2S
10930102

-X9e, USED ONLY
IN CABIN MODEL

700 mm
600 mm
22820 NW 8,5
PP-MOD

-X9e#1
-X.4c:6 WIP_SLOW 1
-X.4c:2 WIPER+ 2
-X.4c:5 WIP_SLOW 3
4
DTP06-4S-C015

-X9e DTP06-4S-C015
18514
+ WP4S
18518
+ S.PLUG
10930900
LABEL

-X35#1
-X.4h:1 WETBAR_LT 1
-X.4h:1 WETBAR_LT 2
-XG2a-11:1 INPUT- 3
4
2635410

-X35
4 3
2 1
2635410 (4U BACK VIEW)

-L_X3b
2 1
3
2635310 (3UT BACK VIEW)

ROOF LT SW OR LIGHT PACK -L_X3b#1
-X.4k:6 MC_ROOF_LT 1
-X.4k:5 MC_ROOF_LT 2
-X.4k:4 MC_ROOF_LT 3
2635310

-L_X.3b-
2634310
1 2
3
(3NT BACK VIEW)
CONNECT

-L_X.3b-#1
1 JMP2 -L_X.3b-:2 LABEL JMP2
2 JMP2 -L_X.3b-:1
3 MC_ROOF_LT
2634310

200 mm

LABEL
ONLY NON-LIGHT PACK

AMBIENT LT SW AFT -L_X3d#1
-X.4m:6 MC_AMB_LT 1
-X.4m:5 MC_AMB_LT 2
-X.4m:4 MC_AMB_LT 3
2635310

-L_X.3d-
2634310
1 2
3
(3NT BACK VIEW)
CONNECT

-L_X.3d-#1
1 JMP4 -L_X.3d-:2 LABEL JMP4
2 JMP4 -L_X.3d-:1
3 MC_AMB_LT
2634310

CUSTOMER: WITH
LIGHT PACK LEAVE
L_X3d UNCONNECTED
ONLY USE L_X3b WITH
DOUBLE MOMENTARY
SWITCH

-L_X3d
2635310
2 1
3
(3UT BACK VIEW)

NOTICE! CABLES WITH STICKER
FOR EXAMPLE
POINT -A-

-X.5a#1
2634810
5 6 7 8
1 2 3 4
(8N BACK VIEW)

CONNECTION
TO AFT CABIN HARNESS

200 mm
100 mm
22821 NW 10
PP-MOD

-X.5a#1
-X.4e:2 AFT_CAB_LT+ 1
-X.4e:3 AFT_CAB_LT+ 2
-XG2b-14:1, -X.15:2 INPUT- 3
-XG2b-16:1 INPUT- 4
5
-X.4d:11 CO_MONITOR+ 6
-XG2a-1:1 INPUT- 7
8
2634810

-X.5b#1
-X.5b:2, -X.4e:1 OUTLET_2 1
-X.5b:1 OUTLET_2 2
-XG2b-13:1, -X.5b:4 INPUT- 3
-X.5b:3 INPUT- 4
2634410

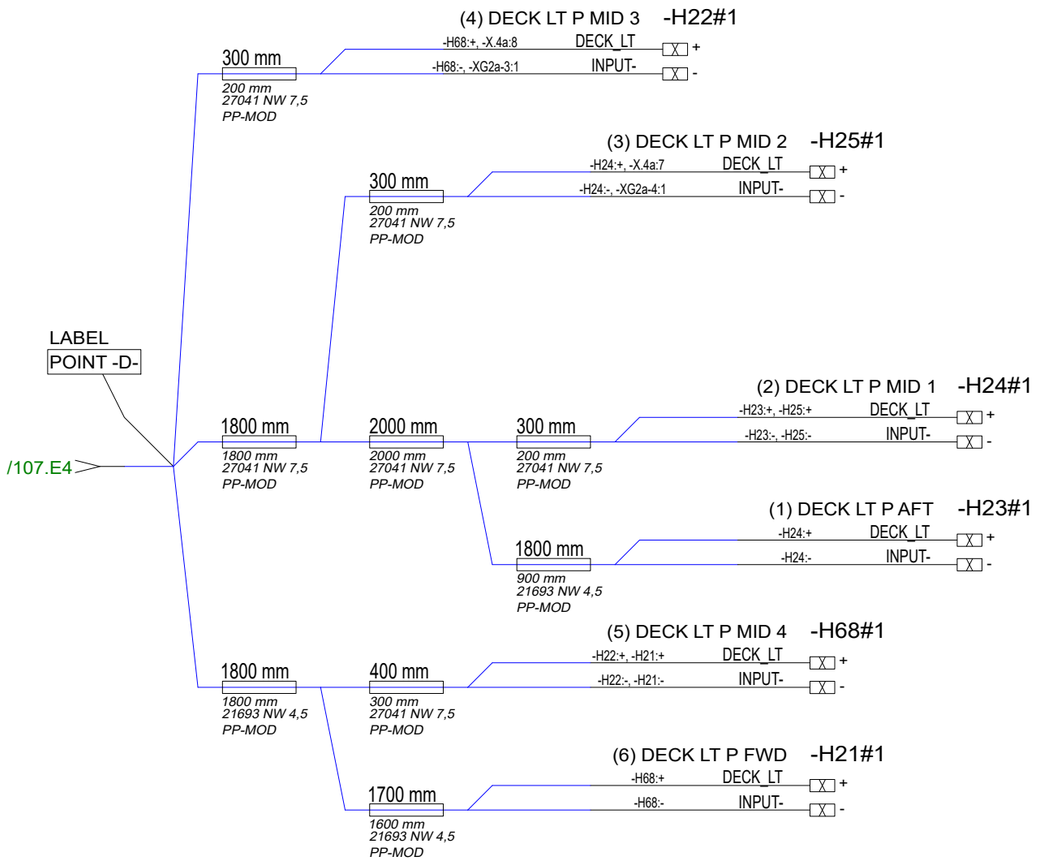
200 mm
100 mm
22821 NW 10
PP-MOD

-X.5b#1
3 4
1 2
2634410 (4N BACK VIEW)

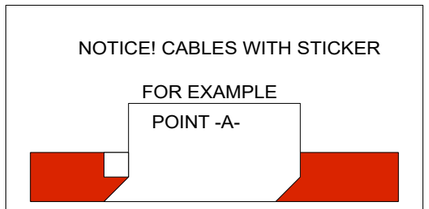
CUSTOMER: If
light pack and no
switch here,
remove JMP2

SPLIT TUBE IF NECESSARY
TAPE SPLITTED TUBE EVERY 200 mm
200 mm

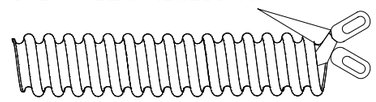
16.10.2023	TT	F10; 2004916; Added outlets A111-A114 & X4j	Date 17.5.2019	NAVIX designed solutions	Axopar		29586
11.3.2024	PF	G11: 2005054; Logo lt supply to deck lt, flir, light pack	Drawing by TuM		Boat	Sub-product code	Product code / Project ID
30.7.2024	PF	G12: 2005139; A114+1m, LS jumps, camera feed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



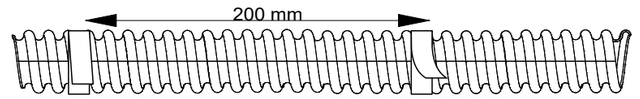
NOTICE! CABLES WITH STICKER



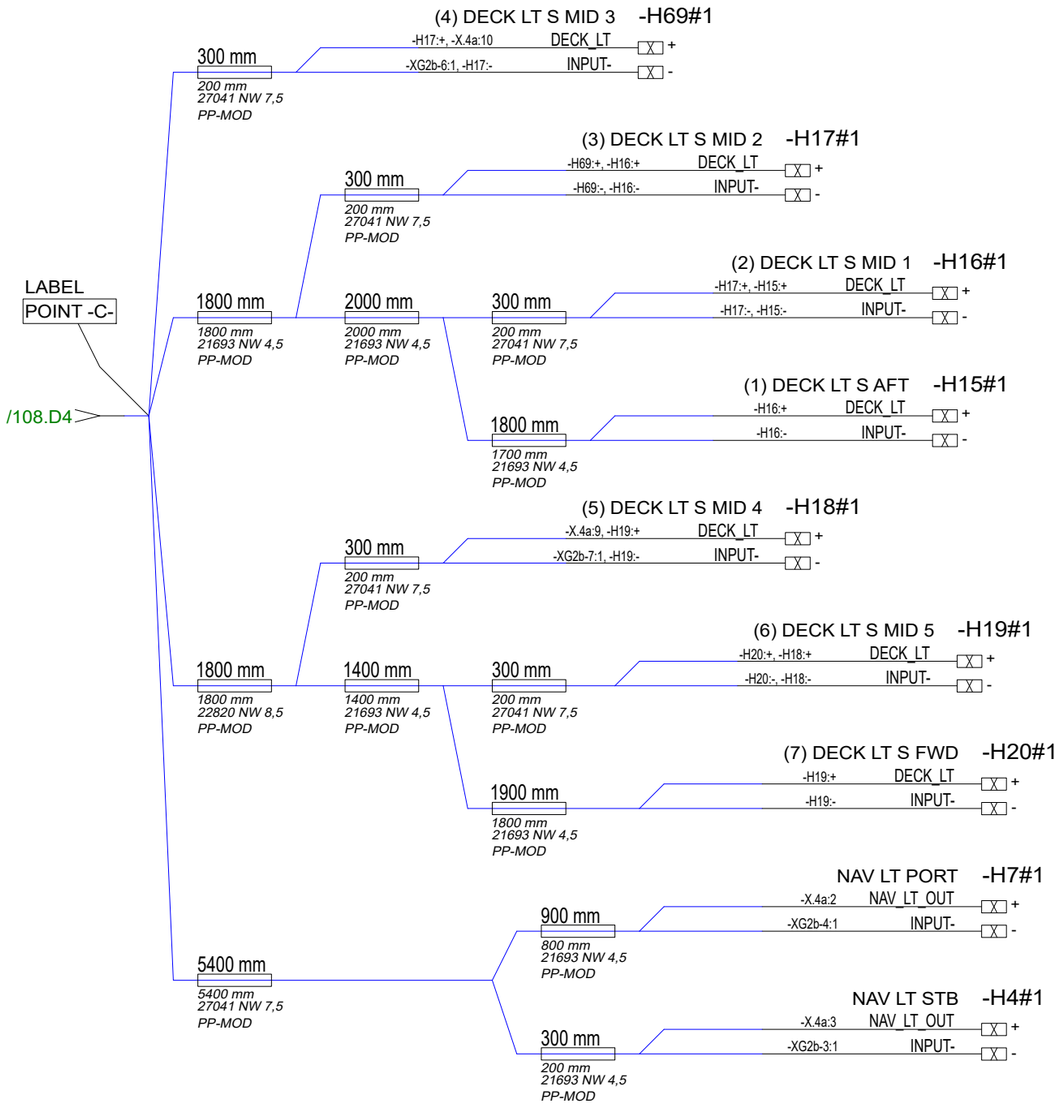
SPLIT TUBE IF NECESSARY

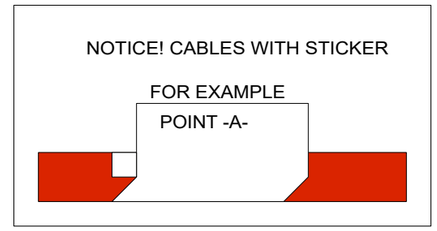


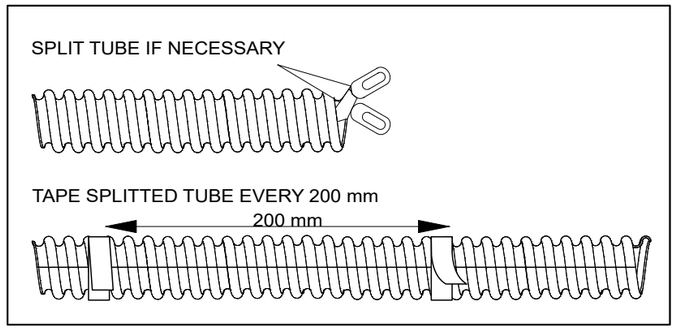
TAPE SPLITTED TUBE EVERY 200 mm



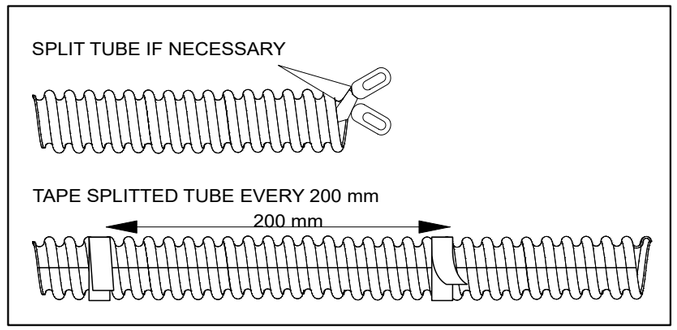
16.10.2023	TT	F10; 2004916; Added outlets A111-A114 & X4j	Date	31.3.2020	NAVIX designed solutions	Axopar		29586
11.3.2024	PF	G11: 2005054; Logo lt supply to deck lt, flir, light pack	Drawing by	TuM		Boat	Sub-product code	Product code / Project ID
30.7.2024	PF	G12: 2005139; A114+1m, LS jumps, camera feed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







16.10.2023	TT	F10; 2004916; Added outlets A111-A114 & X4j	Date	2.4.2020	NAVIX designed solutions	Axopar		29586	
11.3.2024	PF	G11: 2005054; Logo lt supply to deck lt, flir, light pack	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
30.7.2024	PF	G12: 2005139; A114+1m, LS jumps, camera feed	Sheet rev.	12		37 MY20	DECK HARNESS	HL	112 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet



-A99#1 FC LED STRIP
+ FC_INDIR_LT -A100:+
- FWD_INDIR_LT_NEG -A100:-
1900 mm
1900 mm
21693 NW 4,5
PP-MOD

-A100#1 FC LED STRIP
+ FC_INDIR_LT -A99:+, -L_X1:6
- FWD_INDIR_LT_NEG -L_X1:7, -A99:-
400 mm
300 mm
27041 NW 7,5
PP-MOD

-H36#1 FC MIRROR LT STB
+ FC_RF_LT -H37:+
- FWD_RF_LT_NEG -H37:-, -L_X1:4
700 mm
600 mm
27041 NW 7,5
PP-MOD

-H37#1 FC SPOT LT
+ FC_RF_LT -H36:+, -H34:+
- FWD_RF_LT_NEG -H36:-, -H34:-
200 mm
100 mm
27041 NW 7,5
PP-MOD

400 mm
400 mm
22820 NW 8,5
PP-MOD

FC MIRROR LT PORT -H34#1
1500 mm
1400 mm
21693 NW 4,5
PP-MOD
-H37:+, -H70:+ FC_RF_LT +
-H37:-, -H70:- FWD_RF_LT_NEG -

FC SPOT LT -H70#1
800 mm
700 mm
27041 NW 7,5
PP-MOD
-H34:+, -H35:+ FC_RF_LT +
-H34:-, -H35:- FWD_RF_LT_NEG -

FC SPOT LT -H35#1
400 mm
300 mm
27041 NW 7,5
PP-MOD
-H70:+, -H74:+ FC_RF_LT +
-H70:-, -H74:- FWD_RF_LT_NEG -

FC SPOT LT -H74#1
300 mm
-L_X1:2, -H35:+ FC_RF_LT +
-H35:- FWD_RF_LT_NEG -

CONNECTION
TO HULL HARNESS
-X.3a#1
1 FWD_CAB_LT+ -L_X1:1
2
3
4 INPUT- -L_X1:8
5 OUTLET_1 -A8:+
6 OUTLET_1 -A69:+
7 INPUT- -A8:-
8 INPUT- -A69:-
2634810

-X.3a#1
2634810
(8N BACK VIEW)
5 6 7 8
1 2 3 4

LABEL
POINT -A-

LABEL
POINT -B-

LABEL
POINT -D-

600 mm
500 mm
22822 NW 13
PP-MOD

200 mm
200 mm
22821 NW 10
PP-MOD

1300 mm
1300 mm
22821 NW 10
PP-MOD

700 mm
600 mm
22821 NW 10
PP-MOD

-L_X1#1
2635810
CONNECTION
TO FWD CABIN LIGHT SWITCH
or
FRONT AND AFT CABIN LIGHT SWITCH
-X.3a:2 FWD_CAB_LT+ 1
-H74:+ FC_RF_LT 2
3
-H36:- FWD_RF_LT_NEG 4
-A59:+ FC_INDIR_LT 5
-A100:+ FC_INDIR_LT 6
-A59:-, -A100:- FWD_INDIR_LT_NEG 7
-X.3a:4 INPUT- 8
2635810

-L_X1#1
(8U BACK VIEW)
8 7 6 5
4 3 2 1

-A98#1 FC LED STRIP WALL 2
+ FC_INDIR_LT -H42:+, -A59:+
- FWD_INDIR_LT_NEG -H42:-, -A59:-
1400 mm
1300 mm
27041 NW 7,5
PP-MOD

-A59#1 FC LED STRIP WALL 1
+ FC_INDIR_LT -A98:+, -L_X1:5
- FWD_INDIR_LT_NEG -L_X1:7, -A98:-
1400 mm
1300 mm
27041 NW 7,5
PP-MOD

-A.69#1
15273
USB
-A69#1 FWD CABIN, USB OUTLET
OUTLET_1 -X.3a:6
INPUT- -X.3a:8
5500 mm
5400 mm
27041 NW 7,5
PP-MOD

-A.8#1
AS212
MARINE 12V
-A8#1 FWD CABIN, 12Vdc OUTLET
OUTLET_1 -A26:+, -X.3a:5
INPUT- -X.3a:7, -A26:-
100 mm
1000 mm
1000 mm
27041 NW 7,5
PP-MOD

-A26#1 FWD CABIN, USB OUTLET
OUTLET_1 -A8:+
INPUT- -A8:-
2300 mm
2200 mm
21693 NW 4,5
PP-MOD

LABEL
POINT -C-

900 mm
900 mm
27041 NW 7,5
PP-MOD

1000 mm
1000 mm
21693 NW 4,5
PP-MOD

1200 mm
1100 mm
21693 NW 4,5
PP-MOD

FWD C STEP LT PT 2 -H41#1
-H40:+ FC_INDIR_LT +
-H40:- FWD_INDIR_LT_NEG -

500 mm
400 mm
21693 NW 4,5
PP-MOD

F C STEP LT PRT 1 -H40#1
-H42:+, -H41:+ FC_INDIR_LT +
-H41:-, -H42:- FWD_INDIR_LT_NEG -

1000 mm
900 mm
21693 NW 4,5
PP-MOD

FC STEP LT STB -H42#1
-H40:+, -A98:+ FC_INDIR_LT +
-A98:-, -H40:- FWD_INDIR_LT_NEG -

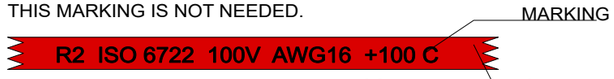
NOTICE! CABLES WITH STICKER
FOR EXAMPLE
POINT -A-

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
MARKING
CABLE
EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

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

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.

CONNECTION
TO DECK HARNESS
-X5a#1

-X5a#1
2635810
(8U BACK VIEW)

1	AFT_CAB_LT+	-L_X2:1
2	AFT_CAB_LT+	-H43:+, -H44:+
3	INPUT-	-H43:-, -H44:-
4	INPUT-	-L_X2:8
5		
6	CO_MONITOR+	-A92:+
7	INPUT-	-A92:-
8		

2635810
-X5b#1

-X5b#1
2635410
(4U BACK VIEW)

1	OUTLET_2	-A68:+
2	OUTLET_2	-A71:+
3	INPUT-	-A68:-
4	INPUT-	-A71:-

2635410

200 mm
100 mm
22822 NW 13
PP-MOD

200 mm
100 mm
22820 NW 8,5
PP-MOD

800 mm
800 mm
22822 NW 13
PP-MOD

LABEL
POINT -A-

LABEL
POINT -B-

LABEL
POINT -C-

500 mm
500 mm
22821 NW 10
PP-MOD

1700 mm
1600 mm
27041 NW 7,5 PP-MOD

1300 mm
1300 mm
27041 NW 7,5 PP-MOD

300 mm
200 mm
27041 NW 7,5 PP-MOD

1300 mm
1300 mm
27041 NW 7,5 PP-MOD

350 mm
250 mm
27041 NW 7,5 PP-MOD

2000 mm
1900 mm
27041 NW 7,5 PP-MOD

1800 mm
1800 mm
22822 NW 13
PP-MOD

800 mm
700 mm
27041 NW 7,5 PP-MOD

2300 mm
2200 mm
27041 NW 7,5
PP-MOD

300 mm
200 mm
27041 NW 7,5
PP-MOD

300 mm
200 mm
27041 NW 7,5
PP-MOD

300 mm
200 mm
22822 NW 13
PP-MOD

AC READ LT STB -H44#1
-X5a:2 AFT_CAB_LT+ +
-X5a:3 INPUT- -

AC RF LED STRIP STB -A62#1
-L_X2:5 AC_INDIR_LT +
-L_X2:7 AC_INDIR_NEG -

AC RF LED STRIP PORT -A61#1
-L_X2:5 AC_INDIR_LT +
-L_X2:7 AC_INDIR_NEG -

AC READ LT PORT -H43#1
-X5a:2 AFT_CAB_LT+ +
-X5a:3 INPUT- -

AFT CABIN, USB OUTLET -A71#1
-X5b:2 OUTLET_2 +
-X5b:4 INPUT- -
-A.71#1
15273

CO MONITOR, AFT CABIN -A92#1
-X5a:6 CO_MONITOR+ +
-X5a:7 INPUT- -

AFT CABIN, 12Vdc OUTLET -A68#1
-X5b:1, -A70:+ OUTLET_2 +
-X5b:3, -A70:- INPUT- -
-A.68#1
AS212

AFT CABIN, USB OUTLET -A70#1
-A68:+ OUTLET_2 +
-A68:- INPUT- -
-A.70#1
15273

-L_X2#1
-X5a:1 AFT_CAB_LT+ 1
-H56:+, -H53:+ AC_RF_LT 2
3
-H56:-, -H53:- AC_RF_NEG 4
-A61:+, -A62:+ AC_INDIR_LT 5
6
-A62:-, -A61:- AC_INDIR_NEG 7
-X5a:4 INPUT- 8
2635810

CONNECTION
TO AFT CABIN LIGHT SWITCH
or
FRONT AND AFT CABIN LIGHT SWITCH

-L_X2
2635810
(8U BACK VIEW)

ROOF CABIN LIGHT STB 1 -H58#1
-H57:+ AC_RF_LT +
-H57:- AC_RF_NEG -

ROOF CABIN LIGHT STB 2 -H57#1
-H56:+, -H58:+ AC_RF_LT +
-H58:-, -H56:- AC_RF_NEG -

ROOF CABIN LIGHT STB 3 -H56#1
-L_X2:2, -H57:+ AC_RF_LT +
-L_X2:4, -H57:- AC_RF_NEG -

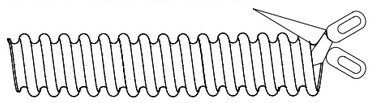
ROOF CABIN LIGHT PRT 3 -H53#1
-L_X2:2, -H54:+ AC_RF_LT +
-L_X2:4, -H54:- AC_RF_NEG -

ROOF CABIN LIGHT PRT 2 -H54#1
-H55:+, -H53:+ AC_RF_LT +
-H55:-, -H53:- AC_RF_NEG -

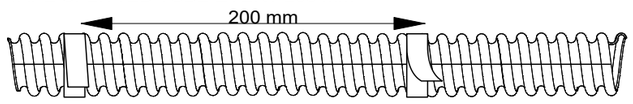
ROOF CABIN LIGHT PRT 1 -H55#1
-H54:+ AC_RF_LT +
-H54:- AC_RF_NEG -

600 mm
500 mm
27041 NW 7,5
PP-MOD

SPLIT TUBE IF NECESSARY

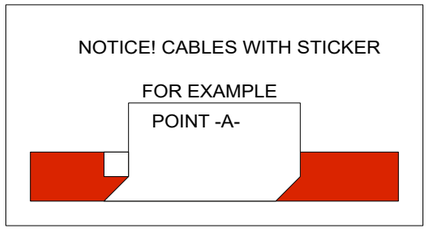


TAPE SPLITTED TUBE EVERY 200 mm



NOTICE! CABLES WITH STICKER

FOR EXAMPLE



Date of modification	Modified by	Description
22.9.2021	VV	E5: NOT MODIFIED / REVISION RETURNED TO REV. E.
17.2.2023	RK	F5: NOT MODIFIED.
4.4.2024	PF	G6: 2005054; Light pack changes

Date	16.5.2019
Drawing by	TuM
Sheet rev.	6
Project rev.	G

NAVIX designed solutions
Copyright by

Axopar		29588	
Boat	Sub-product code	Product code	Project ID
37 MY20	AFT CABIN HARNESS	HL	114 / 210
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.

SPLIT TUBE IF NECESSARY

TAPE SPLITTED TUBE EVERY 200 mm
200 mm

-C_X.10a#1
DT04-2P
16461
+ W2P
16467

CONNECTION
TO MAST HARNESS
-C_X.10a#1
1 ANCH_LT_OUT -C_X.9b:1
2 INPUT- -C_XG3-3:1
DT04-2P
200 mm

-C_X.10c#1
DT04-4P
14048
+ W4P
14051
-C_X.10c
1 HORN -C_X.9b:3
2 INPUT- -C_XG3-11:1
3 WIFI -C_X.9b:4
4 INPUT- -C_XG3-8:1
DT04-4P
200 mm
100 mm
27041 NW 7,5
PP-MOD
250 mm
250 mm
22820 NW 8,5
PP-MOD

-C_X.9a
DTP04-4P-C015
18515
+ WP4P
18519
+ S. PLUG
10930900
DTP04-4P-C015

CONNECTION
TO DECK HARNESS
-C_X.9a#1
1 INPUT- -C_XG3-1:1
2 INPUT- -C_XG3-2:1
3
4 ROOF_BEAM_LT -A106:+
200 mm

-C_X.9b
DT04-4P
14048
+ W4P
14051
-C_X.9b#1
1 ANCH_LT_OUT -C_X.10a:1
2 CAMERA_OUT -A125:+
3 HORN -C_X.10c:1
4 WIFI -C_X.10c:3
DT04-4P
200 mm
100 mm
27041 NW 7,5
PP-MOD

-C_X.9c#1
-C_X.9c
DT04-6P
14044
+W6P 14045
1 MC_ROOF_LT -H26:+
2 MC_ROOF_LT -H28:+
3 MC_ROOF_LT -H30:+
4 MC_ROOF_NEG -H30:-
5 MC_ROOF_NEG -H28:-
6 MC_ROOF_NEG -H26:-
DT04-6P
200 mm
100 mm
22821 NW
10 PP-MOD

-C_X.9d#1
DT04-2P
16461
+ W2P
16467
-C_X.9d#1
1 MC_AMB_LT -A57:+
2 MC_AMB_NEG -A57:-
DT04-2P
200 mm
100 mm
21693 NW 4,5
PP-MOD

-C_X.9e#1
DTP04-4P-C015
+ WP4P 18519
+ S. PLUG
10930900
-C_X.9e
18515
1 WIP_SLOW -M16:2
2 WIPER+ -M16:3
3 WIP_SLOW -M16:6
4
DTP04-4P-C015
200 mm

200 mm
200 mm
22822 NW 13 PP-MOD

LABEL
POINT -A-

4000 mm
4000 mm
22823 NW 17
PP-MOD

500 mm
500 mm
22823 NW 17
PP-MOD

ROOF BEAM LT -A106#1
-C_X.9a:4 ROOF_BEAM_LT +
-C_XG3-9:1 INPUT- -
5000 mm

RF LED STRIP AFT -A57#1
-C_X.9d:1, -A58:+ MC_AMB_LT +
-C_X.9d:2, -A58:- MC_AMB_NEG -
1500 mm

LABEL
POINT -B-

RF AFT SPOT LT PT -H31#1
-H30:+ MC_ROOF_LT +
-H30:- MC_ROOF_NEG -
800 mm

RF PT SPOT LT 2 -H27#1
-H26:+ MC_ROOF_LT +
-H26:- MC_ROOF_NEG -
1200 mm
1100 mm
21693 NW 4,5
PP-MOD

RF PT SPOT LT 1 -H26#1
-C_X.9c:1, -H27:+ MC_ROOF_LT +
-C_X.9c:6, -H27:- MC_ROOF_NEG -
400 mm
800 mm
400 mm
300 mm
27041 NW 7,5
PP-MOD

NIGHT VISION CAMERA -A125#1
-C_X.9b:2 CAMERA_OUT +
-C_XG3-4:1 INPUT- -
5000 mm
400 mm
400 mm
27041 NW 7,5
PP-MOD

LABEL
POINT -C-

RF SB SPOT LT 2 -H29#1
-H28:+ MC_ROOF_LT +
-H28:- MC_ROOF_NEG -
400 mm

RF LED STRIP FWD -A58#1
-A57:+ MC_AMB_LT +
-A57:- MC_AMB_NEG -
2400 mm
2300 mm
21693 NW 4,5
PP-MOD
2700 mm
2700 mm
22822 NW 13
PP-MOD
800 mm
800 mm
22822 NW 13
PP-MOD
800 mm
800 mm
22822 NW 13
PP-MOD
400 mm
400 mm
22823 NW 17
PP-MOD

WIPER ROOF -M16#1
-C_XG3-10:1 INPUT- 1
-C_X.9e:1 WIP_SLOW 2
-C_X.9e:2 WIPER+ 3
4
5
-C_X.9e:3 WIP_SLOW 6
500 mm
400 mm
22821 NW 10 PP-MOD
-M16#1
2635610
6 5 4
3 2 1
(6U BACK VIEW)
2635610

RF SB SPOT LT 1 -H28#1
-C_X.9c:2, -H29:+ MC_ROOF_LT +
-H29:-, -C_X.9c:4 MC_ROOF_NEG -
400 mm

RF AFT SPOT LT SB -H30#1
-C_X.9c:3, -H31:+ MC_ROOF_LT +
-H31:-, -C_X.9c:5 MC_ROOF_NEG -
400 mm

-C_XG.3-
AES-1616-11
15318

CABIN ROOF H. INPUT-
-C_XG3-1#1 5 INPUT- -C_X.9a:1
-C_XG3-2#1 5 INPUT- -C_X.9a:2
60 mm
-C_XG3-3#1 4 INPUT- -C_X.10a:2
50 mm
-C_XG3-4#1 INPUT- -A125:-
50 mm
-C_XG3-8#1 4 INPUT- -C_X.10c:4
30 mm
-C_XG3-9#1 4 INPUT- -A106:-
40 mm
KR4
-C_XG3-10#1 4 INPUT- -M16:1
-C_XG3-11#1 7 INPUT- -C_X.10c:2
50 mm

-C_XG.3: CABIN ROOF H. MINUS
ADD LABEL TO BASE
OF THE BUSBAR.

IMPORTANT!
TIGHTEN LOWER BOLT
BEFORE INSTALLING WIRE
TERMINALS TO BUSBAR.
BOLTS & NUTS TIGHTEN
15318, AES 1616-11

NOTICE! CABLES WITH STICKER
FOR EXAMPLE
POINT -A-

Date of modification	Modified by	Description
11.3.2024	PF	G8: 2005054; Light return paths, wifi minus, A106 description, C_X.9
30.7.2024	PF	G9: 2005139; Roof beam lt extended by 2000mm
17.2.2023	RK	F7: NOT MODIFIED.

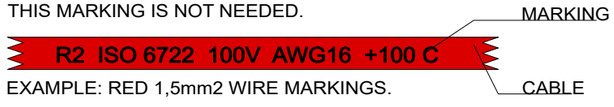
Date	17.5.2019
Drawing by	TuM
Sheet rev.	9
Project rev.	G

NAVIX designed solutions
Copyright by

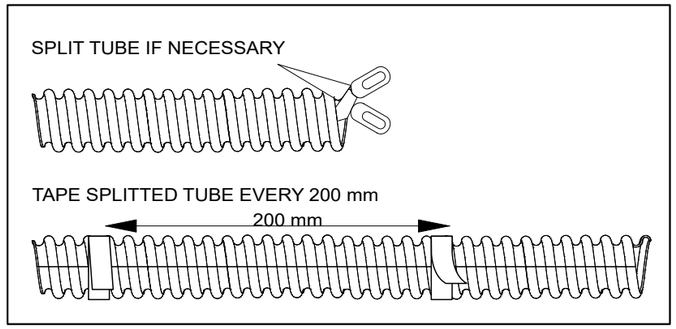
Axopar		29589	
Boat	Sub-product code	Product code	Project ID
37 MY20	CABIN ROOF HARNESS	HL	115 / 210
Boat model	Title	Loc	Sheet

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

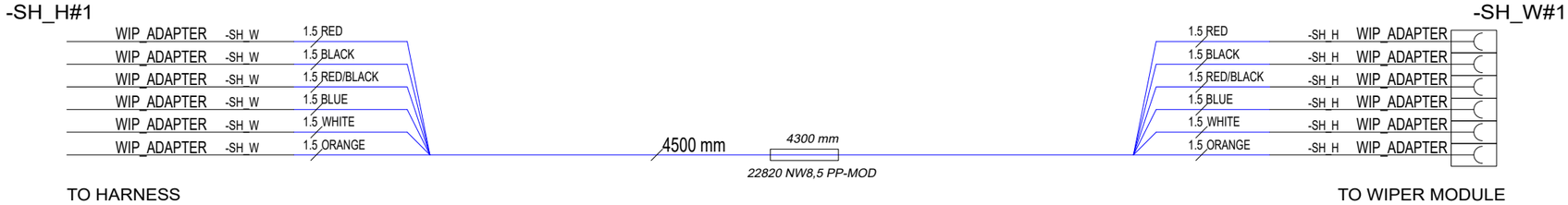
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.



EXAMPLE: RED 1,5mm2 WIRE MARKINGS.



CROSS CABIN WIPER ADAPTER

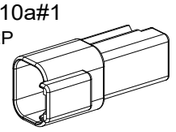


TO HARNESS

TO WIPER MODULE

11.3.2024	PF	G8: 2005054; Light return paths, wifi minus, A106 description	Date	17.5.2019	NAVIX designed solutions	Axopar		29589	
30.7.2024	PF	G9: 2005139; Roof beam lt extended by 2000mm	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
17.2.2023	RK	F7: NOT MODIFIED.	Sheet rev.	9		37 MY20	CABIN ROOF HARNESS	HL	116 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

-O_X.10a#1
DT04-2P
16461
+ W2P
16467



CONNECTION
TO MAST HARNESS

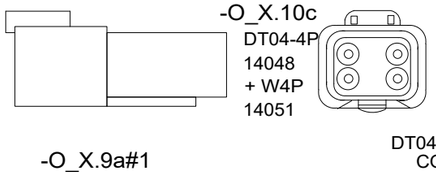
-O_X.10a#1

1	ANCH_LT_OUT	-O_X.9b:1
2	INPUT-	-O_XG3-3:1

DT04-2P

200 mm

-O_X.10c
DT04-4P
14048
+ W4P
14051



-O_X.10c#1

1	HORN	-O_X.9b:3
2	INPUT-	-O_XG3-10:1
3	WIFI	-O_X.9b:4
4	INPUT-	-O_XG3-8:1

DT04-4P

200 mm

250 mm

-O_X.9a#1
DTP04-4P-C015
18515
+ WP4P
18519
+ S. PLUG
10930900

CONNECTION
TO DECK HARNESS

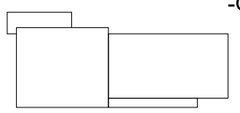
-O_X.9a#1

1	INPUT-	-O_XG3-1:1
2	INPUT-	-O_XG3-2:1
3		
4	ROOF_BEAM_LT	-A105:+

DTP04-4P-C015

200 mm

-O_X.9b#1
DT04-4P
14048
+ W4P
14051



-O_X.9b#1

1	ANCH_LT_OUT	-O_X.10a:1
2	CAMERA_OUT	-A125-:+
3	HORN	-O_X.10c:1
4	WIFI	-O_X.10c:3

DT04-4P

200 mm

LABEL
POINT -A-

4000 mm

3800 mm

22822 NW13 PP-MOD

500 mm

LABEL
POINT -B-

LABEL
POINT -C-

-O_X.9c
DT04-6P
14044
+W6P 14045

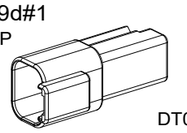
-O_X.9c#1

1	MC_ROOF_LT	-H47:+
2	MC_ROOF_LT	-H49:+
3	MC_ROOF_LT	-H51:+
4	MC_ROOF_NEG	-H51:-
5	MC_ROOF_NEG	-H49:-
6	MC_ROOF_NEG	-H47:-

DT04-6P

200 mm

-O_X.9d#1
DT04-2P
16461
+ W2P
16467



-O_X.9d#1

1	MC_AMB_LT	-A72:+
2	MC_AMB_NEG	-A72:-

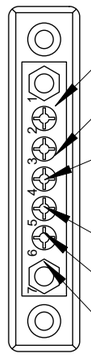
DT04-2P

200 mm

OPEN ROOF H. INPUT-

-O_XG3-1#1 — 5 — INPUT- — -O_X.9a:1 — 60 mm
-O_XG3-2#1 — 5 — INPUT- — -O_X.9a:2 — 60 mm
-O_XG3-3#1 — 4 — INPUT- — -O_X.10a:2 — 50 mm
-O_XG3-4#1 — INPUT- — -A125-:- — 50 mm
-O_XG3-8#1 — 4 — INPUT- — -O_X.10c:4 — 30 mm
-O_XG3-9#1 — 4 — INPUT- — -A105:- — 40 mm
-O_XG3-10#1 — 4 — INPUT- — -O_X.10c:2 — 50 mm

200 mm



-O_XG.3-
AES-1616-11
15318

ROOF BEAM LT -A105#1

5000 mm

-O_X.9a:4	ROOF_BEAM_LT	+
-O_XG3-9:1	INPUT-	-

RF LED STRIP AFT -A72#1

1500 mm

-O_X.9d:1, -A73:+	MC_AMB_LT	+
-A73:-, -O_X.9d:2	MC_AMB_NEG	-

RF AFT SPOT LT PT -H52#1

400 mm

-H51:+	MC_ROOF_LT	+
-H51:-	MC_ROOF_NEG	-

RF PT SPOT LT 2 -H48#1

1200 mm

-H47:+	MC_ROOF_LT	+
-H47:-	MC_ROOF_NEG	-

RF PT SPOT LT 1 -H47#1

400 mm 800 mm 400 mm

-O_X.9c:1, -H48:+	MC_ROOF_LT	+
-O_X.9c:6, -H48:-	MC_ROOF_NEG	-

NIGHT VISION CAMERA -A125-#1

5000 mm

-O_X.9b:2	CAMERA_OUT	+
-O_XG3-4:1	INPUT-	-

RF SB SPOT LT 2 -H50#1

400 mm

-H49:+	MC_ROOF_LT	+
-H49:-	MC_ROOF_NEG	-

RF LED STRIP FWD -A73#1

400 mm 800 mm 800 mm 5000 mm

-A72:+	MC_AMB_LT	+
-A72:-	MC_AMB_NEG	-

RF SB SPOT LT 1 -H49#1

400 mm

-O_X.9c:2, -H50:+	MC_ROOF_LT	+
-O_X.9c:5, -H50:-	MC_ROOF_NEG	-

RF AFT SPOT LT SB -H51#1

400 mm

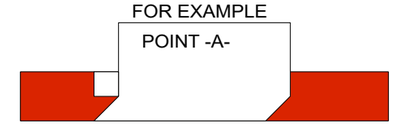
-O_X.9c:3, -H52:+	MC_ROOF_LT	+
-O_X.9c:4, -H52	MC_ROOF_NEG	-

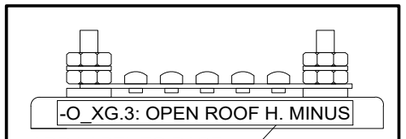
NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.

MARKING
R2 ISO 6722 100V AWG16 +100 C
CABLE

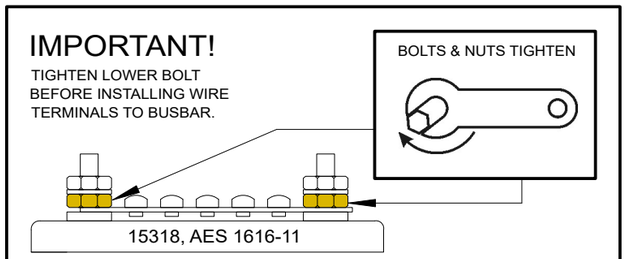
EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

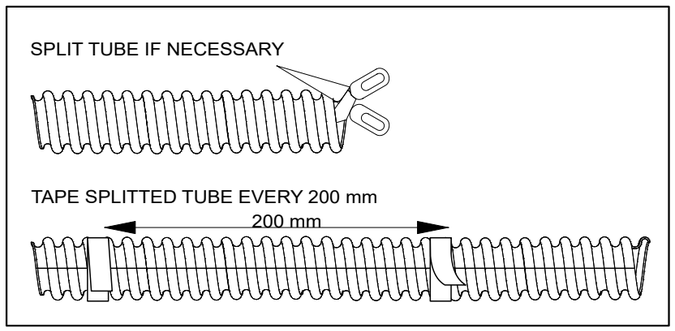
NOTICE! CABLES WITH STICKER





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





Date of modification	Modified by	Description
11.3.2024	PF	G8: 2005054; Light return paths, wifi minus, A105 description
30.7.2024	PF	G9: 2005139; Roof beam lt extended by 2000mm
17.2.2023	RK	F7: NOT MODIFIED.

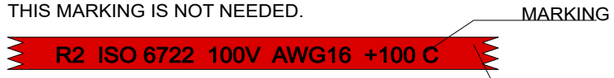
Date	17.5.2019
Drawing by	TuM
Sheet rev.	9
Project rev.	G

NAVIX designed solutions
Copyright by

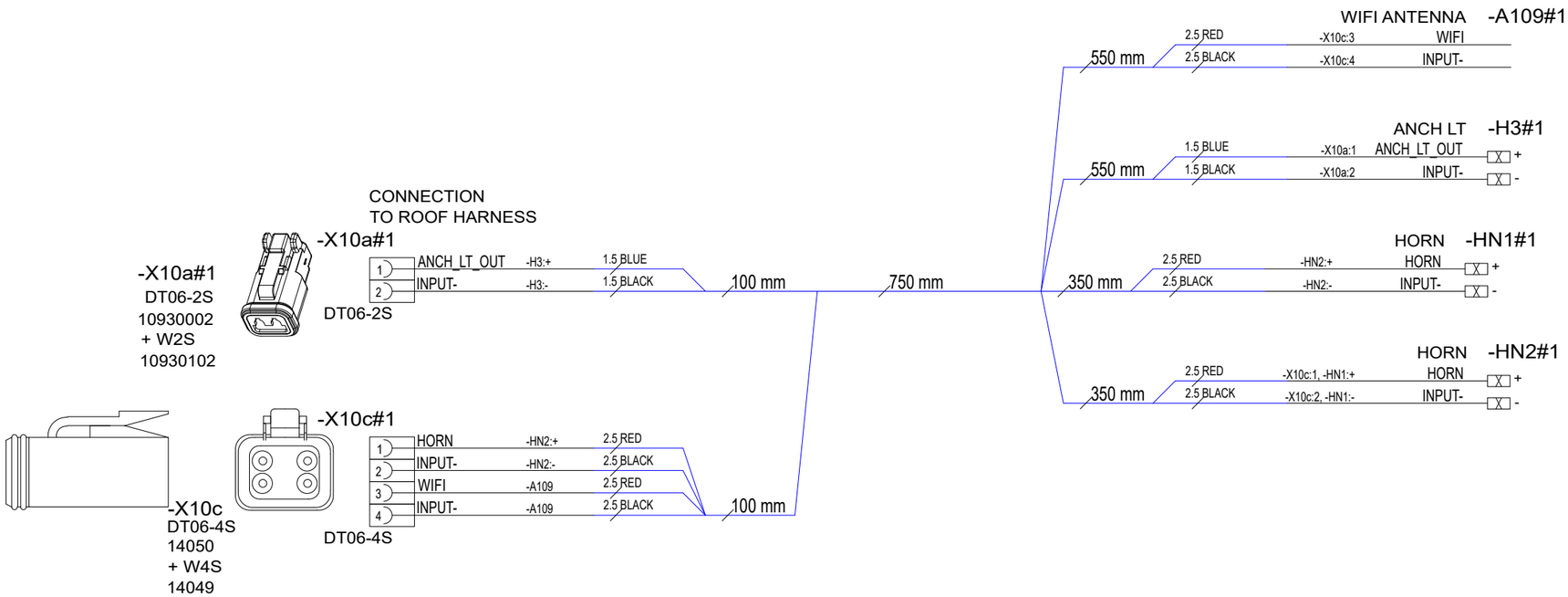
Axopar		29590	
Boat	Sub-product code	Product code	Project ID
37 MY20	OPEN ROOF HARNESS	HL	117 / 210
Boat model	Title	Loc	Sheet

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

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



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	Axopar		29591	
17.2.2023	RK	F5: NOT MODIFIED.	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
15.06.2021	TT	G6: 2005054; Wifi minus 1,5mm2->2,5mm2	Sheet rev.	6		37 MY20	MAST HARNESS	HL	118 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

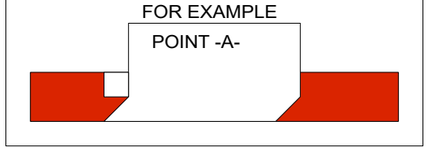
NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.

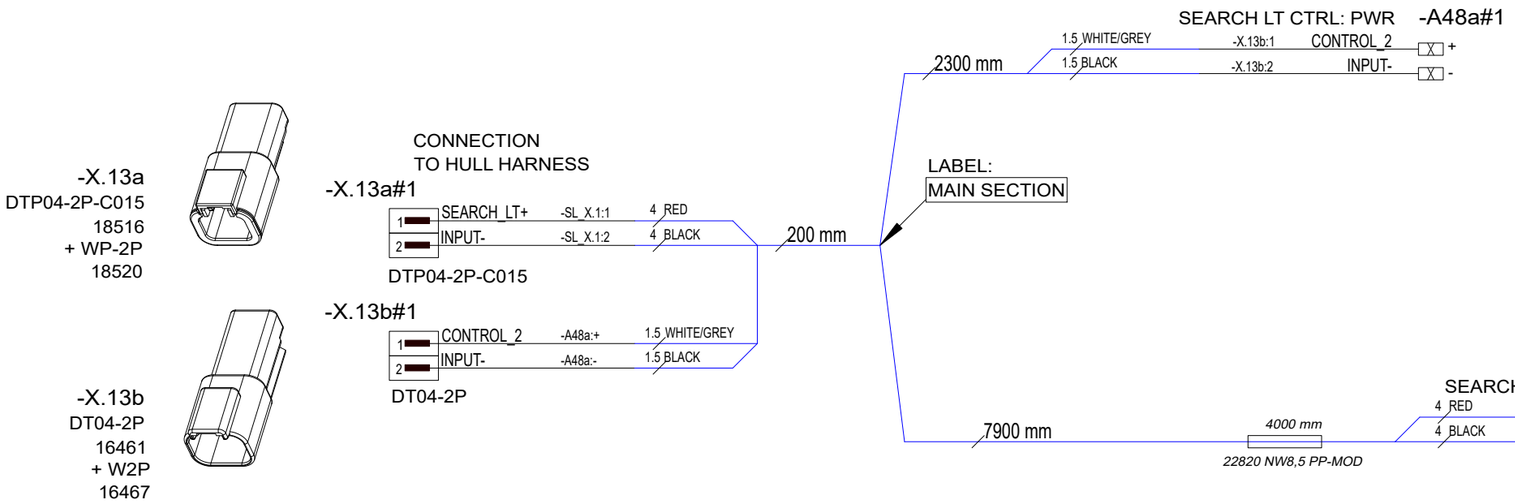
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.

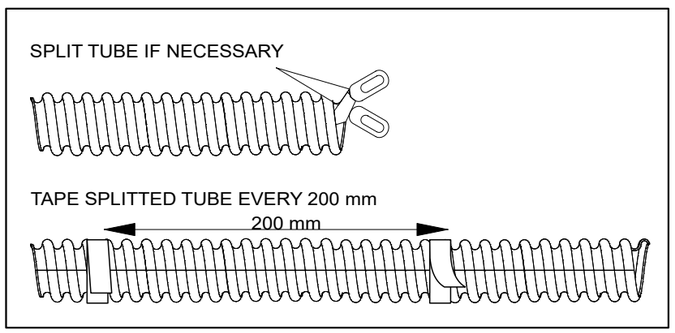
EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

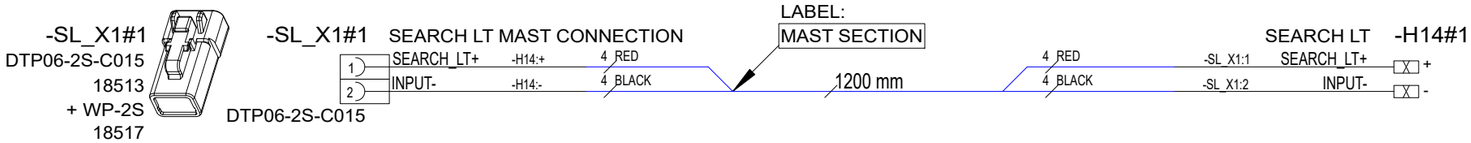
NOTICE! CABLES WITH STICKER

FOR EXAMPLE





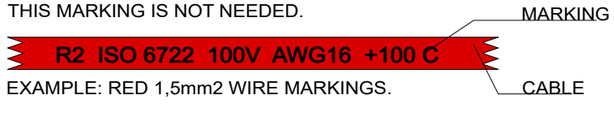




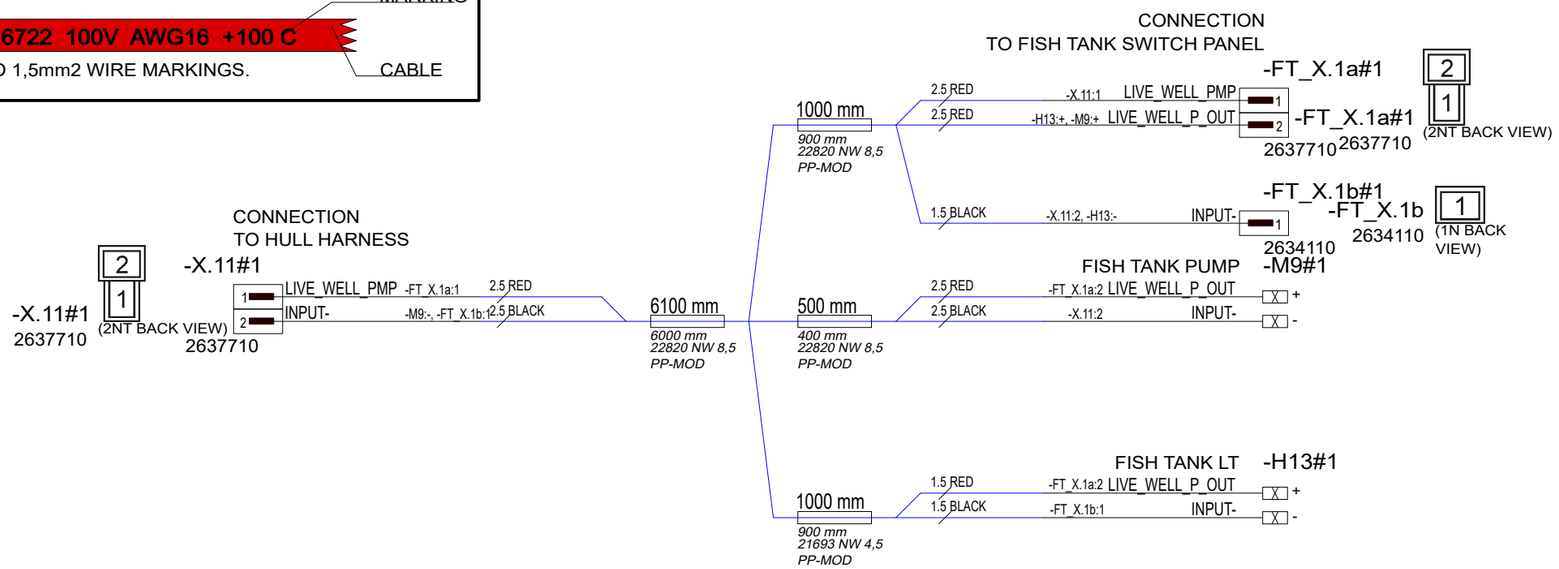
15.4.2024	PF	G5: 2005054; Not modified	Date	21.5.2019	NAVIX designed solutions	Axopar		29592	
22.9.2021	VV	E5: NOT MODIFIED / REVISION RETURNED TO REV. E.	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
17.2.2023	RK	F5: NOT MODIFIED.	Sheet rev.	5		37 MY20	SEARCH LT HARNESS	HL	119 / 210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

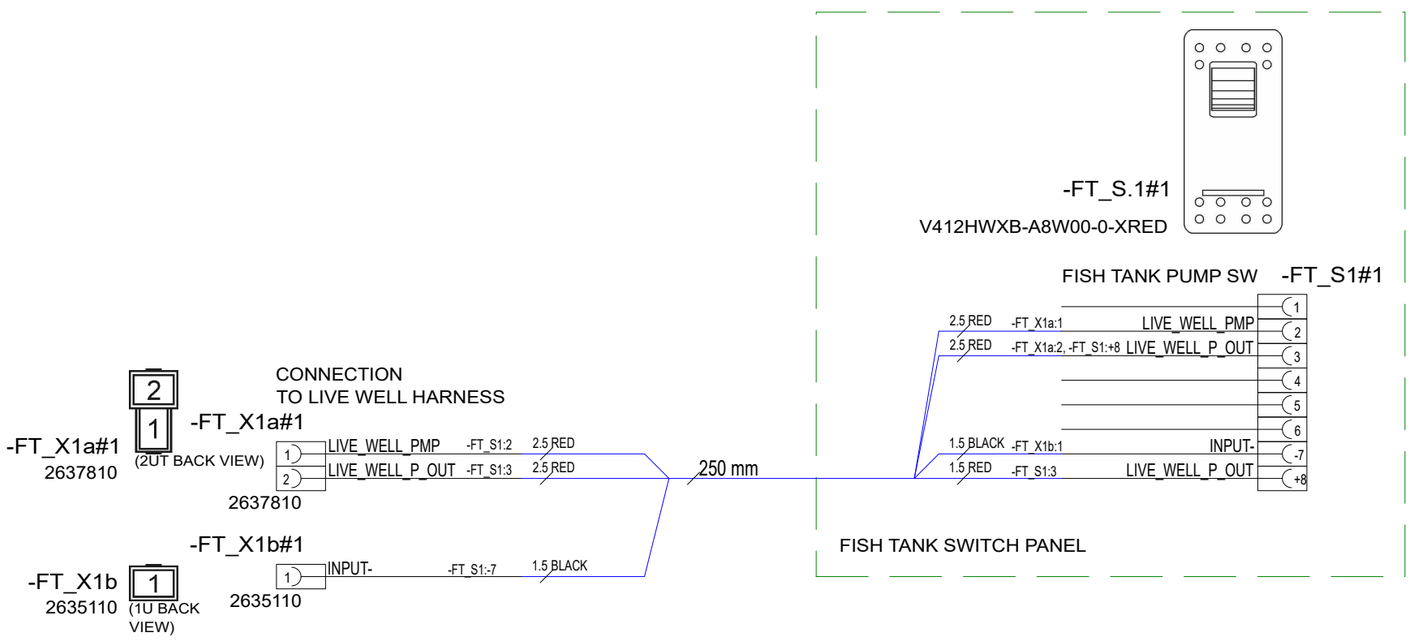
NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.

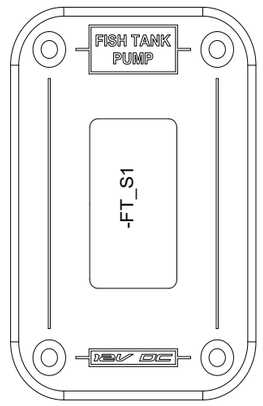
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.



EXAMPLE: RED 1,5mm2 WIRE MARKINGS.





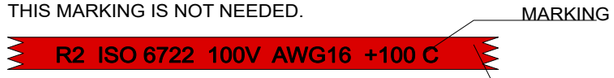


23863 (WOC)

15.4.2024	PF	G4: 2005054; Not modified	Date	21.5.2019	NAVIX designed solutions	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	Copyright by	Boat model	Title	Loc	Sheet

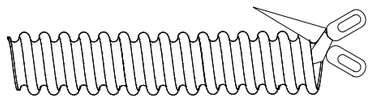
NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.

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

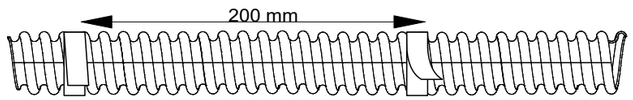


EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

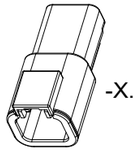
SPLIT TUBE IF NECESSARY



TAPE SPLITTED TUBE EVERY 200 mm



-X.12#1
DTP04-2P-C015
18516
+ WP-2P
18520



DTP04-2P-C015

CONNECTION
TO HULL HARNESS

-X.12#1

1	SOFT_TOP	-A49a:+	6 RED	6600 mm	4000 mm	6 RED	-X.12:1	SOFT_TOP	+
2	INPUT-	-A49a:-	6 BLACK		22821 NW10 PP-MOD	6 BLACK	-X.12:2	INPUT-	-

SOFT TOP: POWER -A49a#1

-A50#1 SOFT TOP CTRL SWITCH

BN	SOFT_TOP_OP	-A49b:BN	1.5 BROWN	6500 mm	1.5 BROWN	-A50:BN	SOFT_TOP_OP	BN
BL	SOFT_TOP_C-	-A49b:BL	1.5 BLACK		1.5 BLACK	-A50:BL	SOFT_TOP_C-	BL
RD	SOFT_TOP_CL	-A49b:RD	1.5 RED		1.5 RED	-A50:RD	SOFT_TOP_CL	RD

SOFT TOP: CONTROLS -A49b#1

Date of modification	Modified by	Description		
15.4.2024	PF	G5: 2005054; Not modified	Date	21.5.2019
22.9.2021	VV	E5: NOT MODIFIED / REVISION RETURNED TO REV. E.	Drawing by	TuM
17.2.2023	RK	F5: NOT MODIFIED.	Sheet rev.	5
			Project rev.	G

NAVIX designed solutions
Copyright by

Axopar		29594	
Boat	Sub-product code	Product code	Project ID
37 MY20	ELECTRICAL ROOF HARNESS	HL	121/ 210
Boat model	Title	Loc	Sheet

1.

-F_X.1
MAIN SUPPLY CONNECTION
COPPER BAR

-F_X1g#1 MAIN SUPPLY CONNECTION
1 6 SOFT-T_F_INPUT+ -M_F6:1 6 RED 90 mm
10022HQ

-F_X1f#1 MAIN SUPPLY CONNECTION
1 6 AUTOP_F_INPUT+ -M_F5a:1 10 RED 90 mm
10/6

-F_X1e#1 MAIN SUPPLY CONNECTION
1 6 MAIN_4_INPUT+ -M_F4a:1 10 RED 90 mm
10/6

-F_X1d#1 MAIN SUPPLY CONNECTION
1 6 MAIN_3_INPUT+ -M_F3a:1 10 RED 90 mm
10/6

-F_X1c#1 MAIN SUPPLY CONNECTION
1 6 MAIN_2_INPUT+ -M_F2a:1 10 RED 80 mm
10/6

-F_X1b#1 MAIN SUPPLY CONNECTION
1 6 MAIN_1_INPUT+ -M_F1a:1 10 RED 80 mm
10/6

70 mm

-F_X.2
DIRECT SUPPLY CONNECTION
COPPER BAR

-F_X2b#1 DIRECT SUPPLY CONNECTION
1 6 DIRECT+ -D_F1:1 4 RED 200 mm
10022HQ

-F_X2c#1 DIRECT SUPPLY CONNECTION
1 6 DIRECT+ -D_F2:1 4 RED 200 mm
10022HQ

-F_X2d#1 DIRECT SUPPLY CONNECTION
1 6 DIRECT+ -D_F3:1 4 RED 200 mm
10022HQ

-F_X2e#1 DIRECT SUPPLY CONNECTION
1 6 DIRECT+ -D_F4:1 6 RED 200 mm
10022HQ

-F_X2f#1 DIRECT SUPPLY CONNECTION
1 6 DIRECT+ -D_F5:1 2.5 RED 200 mm
10022HQ

50 mm

/124.A1

-M_F.1
31624
CLB-403-12CNN-W-F/40
MAIN 1: IN -M_F1a#1 LINE 5 10/4
-F_X1b:1 MAIN_1_INPUT+
10 RED 30 mm 20 mm
MAIN 1: OUT -M_F1b#1 LOAD 5 KR4
-F3:1 INPUT+
6 RED
MAIN 1: OUT -M_F1c#1 LOAD 5 KR4
-F8:1 INPUT+
6 RED

-M_F.2
31624
CLB-403-12CNN-W-F/40
MAIN 2: IN -M_F2a#1 LINE 5 10/4
-F_X1c:1 MAIN_2_INPUT+
10 RED 30 mm 20 mm
MAIN 2: OUT -M_F2b#1 LOAD 5 KR4
-F13:1 INPUT+
6 RED
MAIN 2: OUT -M_F2c#1 LOAD 5 KR4
-F18:1 INPUT+
6 RED

-M_F.3
31624
CLB-403-12CNN-W-F/40
MAIN 3: IN -M_F3a#1 LINE 5 10/4
-F_X1d:1 MAIN_3_INPUT+
10 RED 30 mm 20 mm
MAIN 3: OUT -M_F3b#1 LOAD 5 KR4
-F24:1 INPUT+
6 RED
MAIN 3: OUT -M_F3c#1 LOAD 5 KR4
-F28:1 INPUT+
6 RED

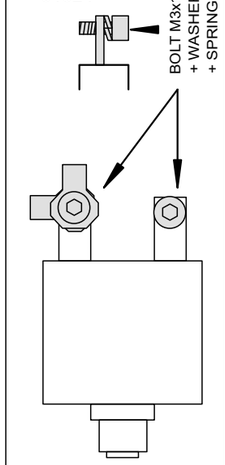
-M_F.4
31624
CLB-403-12CNN-W-F/40
MAIN 4: IN -M_F4a#1 LINE 5 10/4
-F_X1e:1 MAIN_4_INPUT+
10 RED 30 mm 20 mm
MAIN 4: OUT -M_F4b#1 LOAD 5 KR4
-F33:1 INPUT+
6 RED
MAIN 4: OUT -M_F4c#1 LOAD 5 KR4
-F38:1 INPUT+
6 RED

-M_F.5
31624
CLB-403-12CNN-W-F/40
AUTOPILOT CB: IN -M_F5a#1 LINE 5 10/4
-F_X1f:1 AUTOP_F_INPUT+
10 RED 30 mm 20 mm

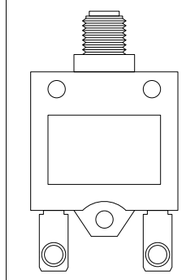
-M_F.6
23809
CLB-253-12CNN-W-A/25
SOFT TOP -M_F6#1 1 2
-F_X1g:1 SOFT-T_F_INPUT+ SOFT_TOP
6 RED 30 mm
-X.2a:1
6 RED

/123.D1

NOTICE!
31624
BOLT M3x10
+ WASHER
+ SPRING WASHER



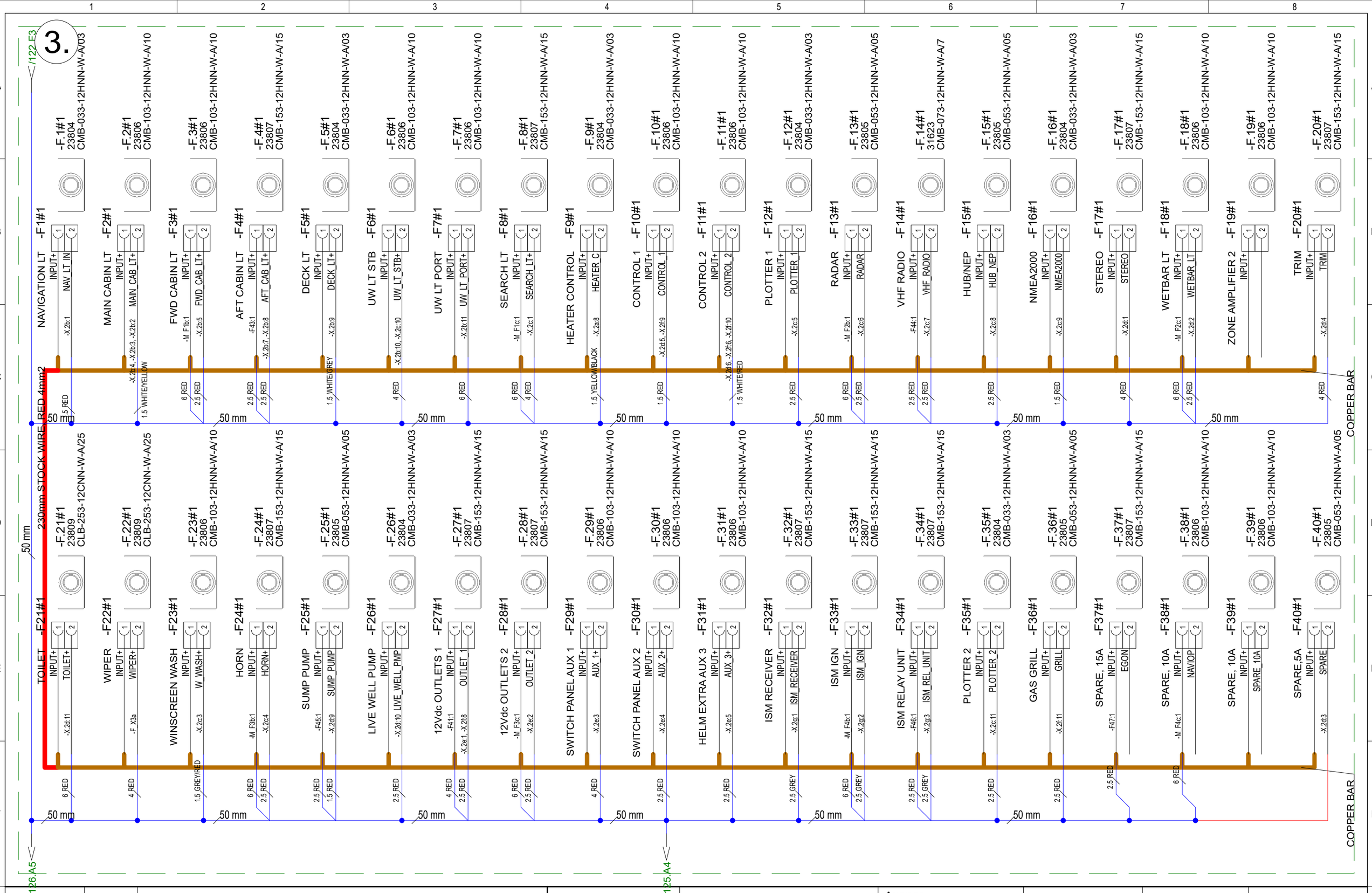
CARLING
CLB-SERIES
BREAKERS
PINS.



Date of modification	Modified by	Description							
17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Date	11.6.2019	NAVIX designed solutions	Axopar	SEE EXP. VIEW	29595	Project ID
23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Drawing by	TuM		Boat	Sub-product code	Product code	
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Sheet rev.	11		37 MY20	FUSE UNIT	HL	122 / 210
			Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

2.

17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Date 11.6.2019	NAVIX designed solutions	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	Copyright by	Boat model	Title	Loc	Sheet

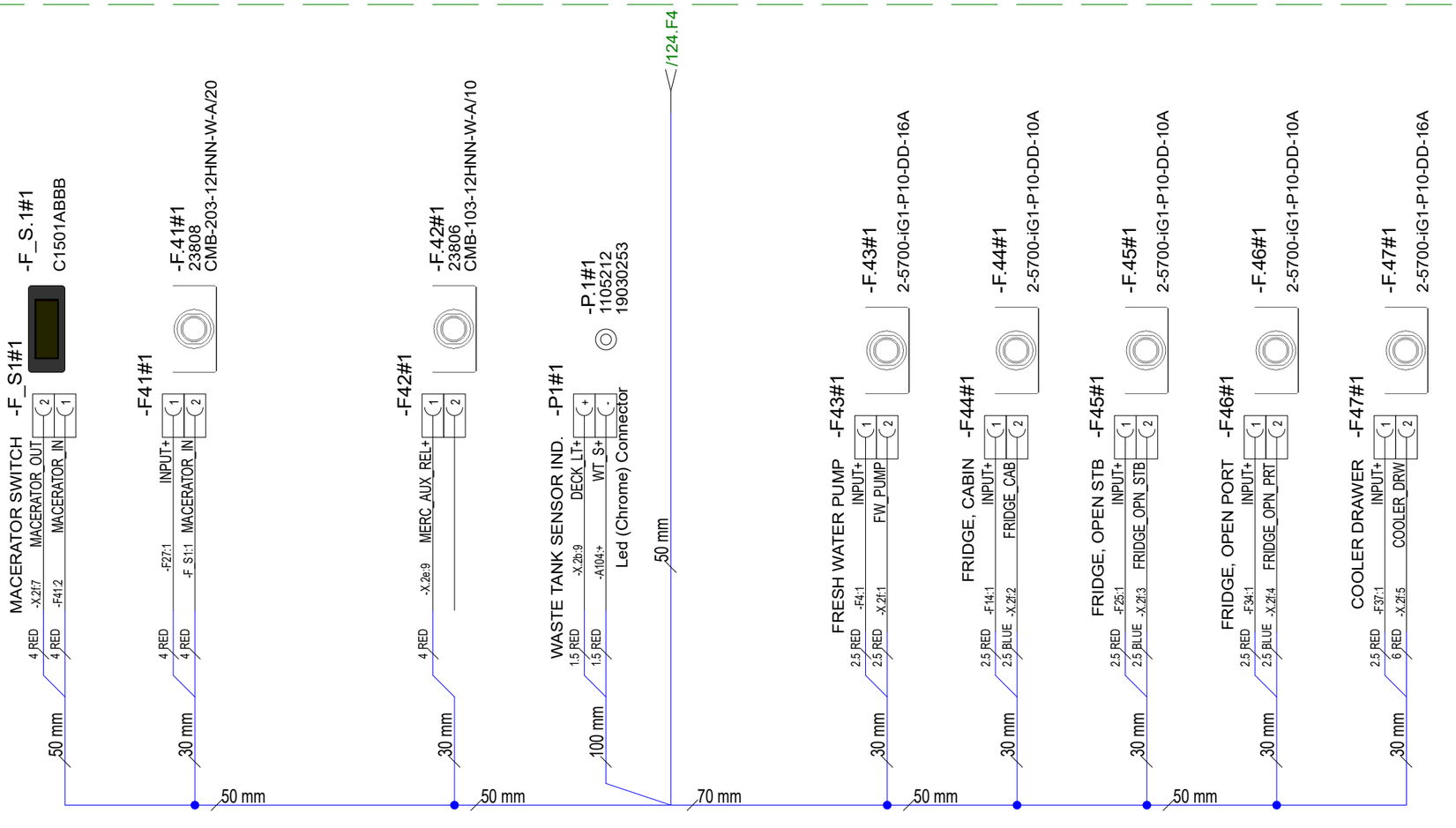


Date of modification	Modified by	Description					
17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Date	11.6.2019	Axopar	SEE EXP. VIEW	29595
23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Drawing by	TuM	Boat	Sub-product code	Product code
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Sheet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

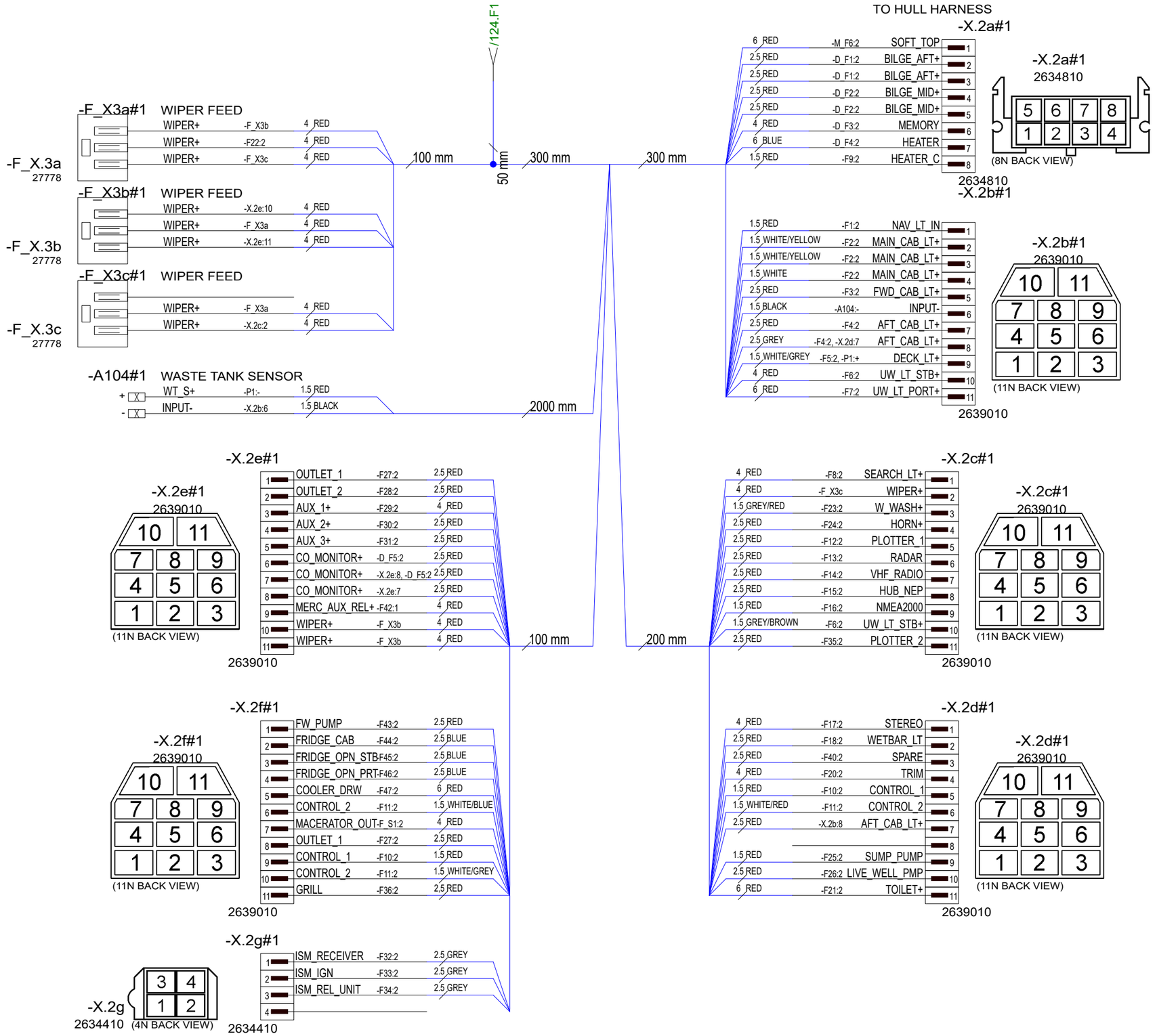
NAVIX designed solutions
Copyright by

124 / 210
Sheet

4.



Date of modification	Modified by	Description							
17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Date	11.6.2019	NAVIX designed solutions	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	Copyright by	37 MY20	FUSE UNIT	HL	125 / 210
			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.

Date of modification	Modified by	Description
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 11.6.2019
Drawing by TuM
Sheet rev. 11
Project rev. G

NAVIX designed solutions
Copyright by

Axopar
Boat

SEE EXP. VIEW
Sub-product code

29595
Product code

Project ID

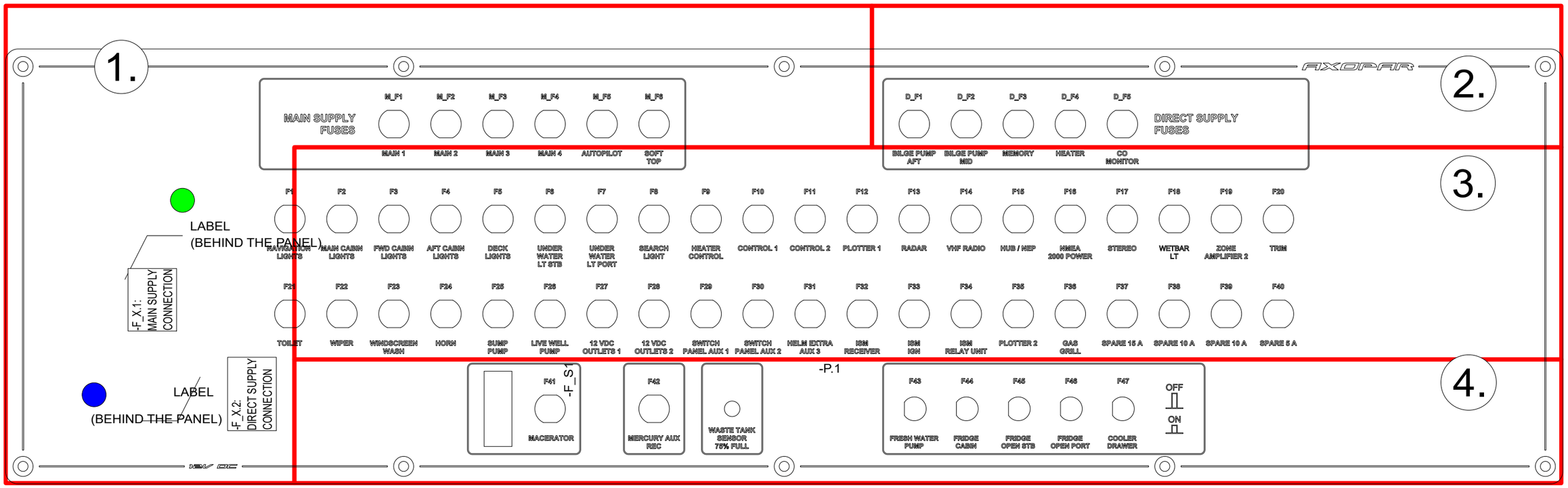
37 MY20
Boat model

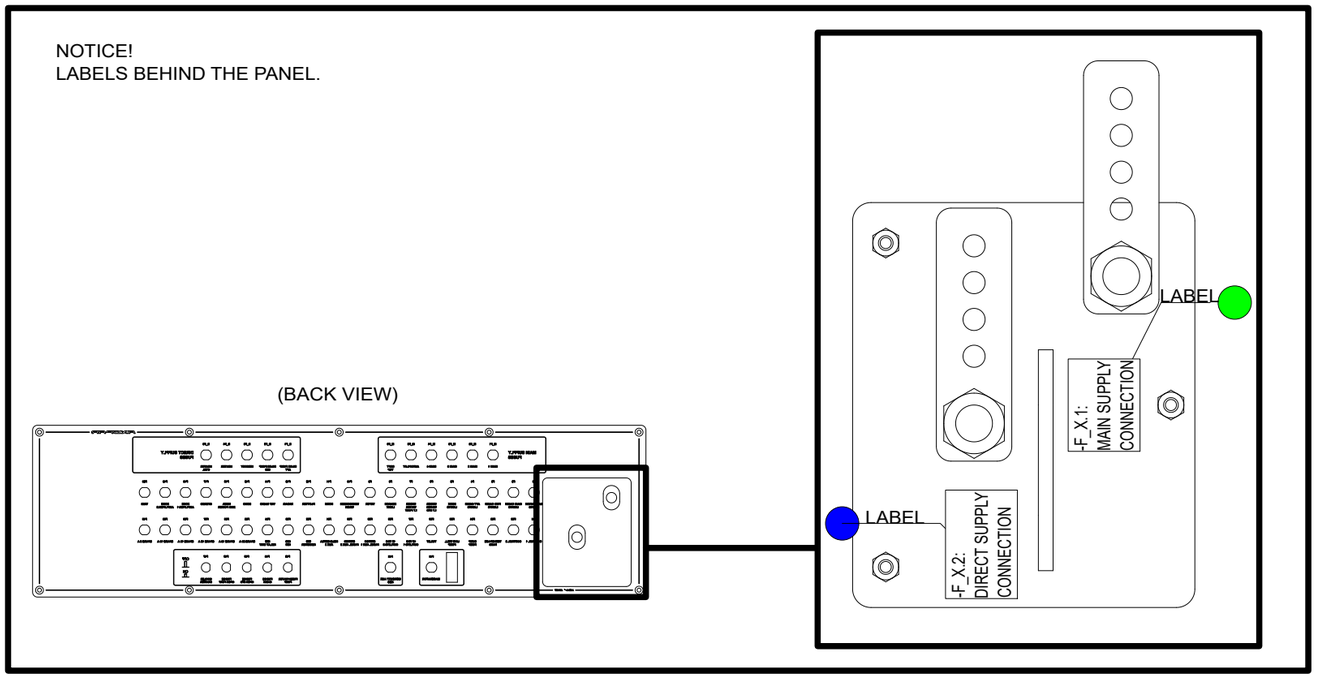
FUSE UNIT
Title

HL
Loc

126 / 210
Sheet

FUSE PANEL GENERAL LAYOUT/ LABELS





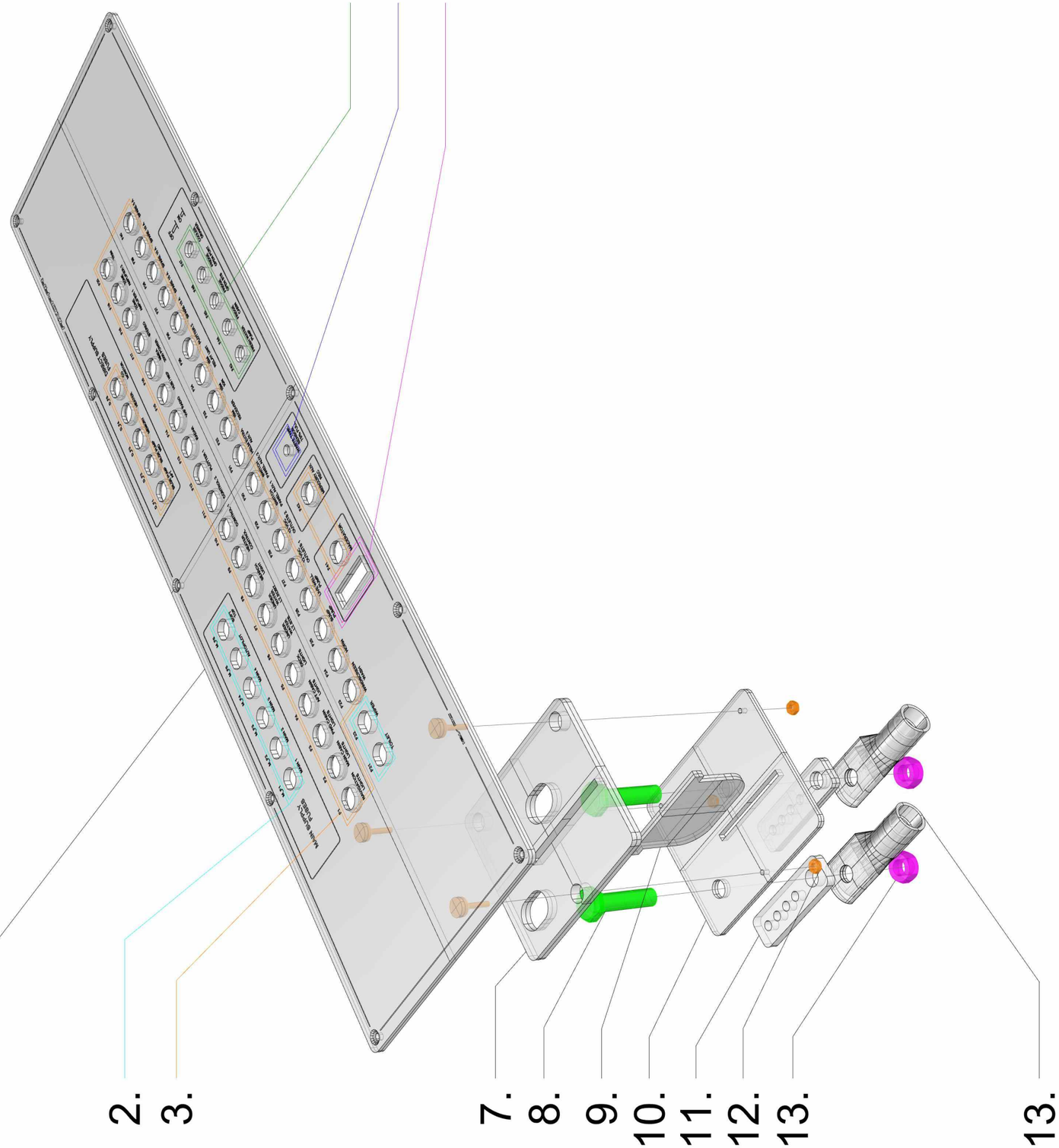
Date of modification	Modified by	Description						
17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Date	2.7.2019	NAVIX designed solutions	Axopar	SEE EXP VIEW	29595
23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Drawing by	TuM		Boat	Sub-product code	Product code
13.4.2024	PF	G11: 2005054; F47 10A->16A,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

Project ID

127 / 210
Sheet

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_BTM_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)

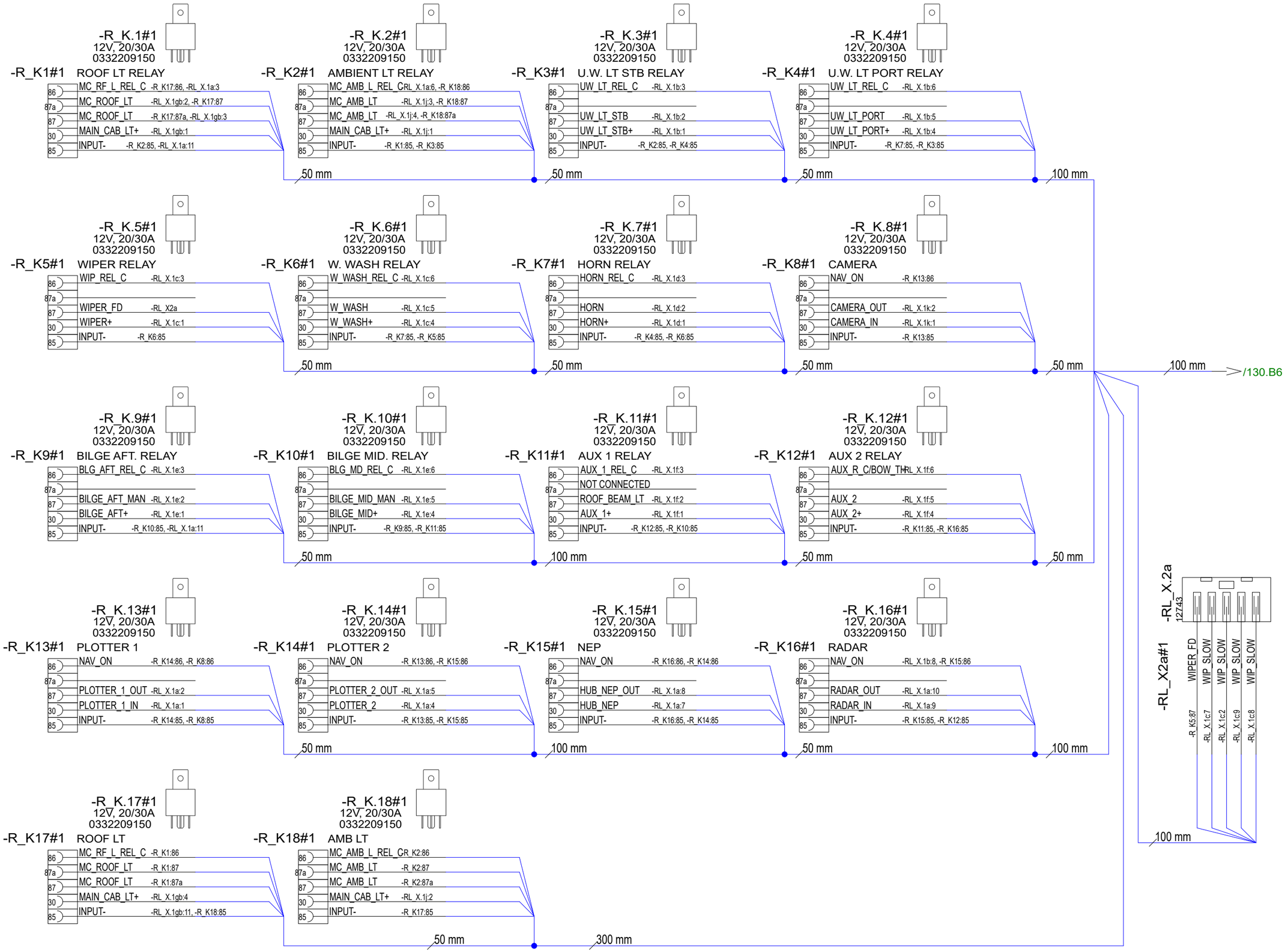
TE 01.07.2019
TE 11.09.2019
MN 23.01.2020
TE 17.02.2021

Date of modification	Modified by	Description
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	11.6.2019
Drawing by	TuM
Sheet rev.	11
Project rev.	G

NAVIX designed solutions
Copyright by

Axopar (Boat)	SEE EXP. VIEW (Sub-product code)	29595 (Product code)	Project ID	
37 MY20 (Boat model)	FUSE UNIT (Title)	HL (Loc)	128 / 210 (Sheet)	



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

Project ID

129 / 210
Sheet

CUSTOMER: ONLY CONNECT IF NO LIGHT PACK IS SELECTED

-RL_X.1hb
2634810
(8N BACK VIEW)

-RL_X.1hb#1
2634810

5	MC_ROOF_LT	-RL_X.1gb:7
6	INPUT-	-RL_X.1gb:10
7	MC_AMB_LT	-RL_X.1j:7
8	INPUT-	-RL_X.1gb:10

-RL_X.1gb
2639010
(11N BACK VIEW)

-RL_X.1gb#1
2639010

1	MAIN_CAB_LT+	-R_K1:30
2	MC_ROOF_LT	-R_K1:87a
3	MC_ROOF_LT	-R_K1:87
4	MAIN_CAB_LT+	-R_K17:30
5	MAIN_CAB_LT+	-RL_X.1gb:6
6	MAIN_CAB_LT+	-RL_X.1gb:5
7	MC_ROOF_LT	-RL_X.1hb:5
10	INPUT-	-RL_X.1hb:6, -RL_X.1hb:8
11	INPUT-	-R_K17:85

-RL_X.1j
2634810
(8N BACK VIEW)

-RL_X.1j#1
2634810

1	MAIN_CAB_LT+	-R_K2:30
2	MAIN_CAB_LT+	-R_K18:30
3	MC_AMB_LT	-R_K2:87a
4	MC_AMB_LT	-R_K2:87
5	MAIN_CAB_LT+	-RL_X.1j:6
6	MAIN_CAB_LT+	-RL_X.1j:5
7	MC_AMB_LT	-RL_X.1hb:7

LABEL

ONLY NON-LIGHT PACK CONNECTORS LEAVE UNCONNECTED IF LIGHT PACK IS SELECTED

/129.C8

100 mm

-RL_X.1a#1
2639010

-R_K13:30	PLOTTER_1_IN	1
-R_K13:87	PLOTTER_1_OUT	2
-R_K1:86	MC_RF_L_REL_C	3
-R_K14:30	PLOTTER_2	4
-R_K14:87	PLOTTER_2_OUT	5
-R_K2:86	MC_AMB_L_REL_C	6
-R_K15:30	HUB_NEP	7
-R_K15:87	HUB_NEP_OUT	8
-R_K16:30	RADAR_IN	9
-R_K16:87	RADAR_OUT	10
-R_K9:85, -R_K1:85	INPUT-	11

-RL_X.1a#1
2639010
(11N BACK VIEW)

100 mm

-RL_X.1b#1
2634810

-R_K3:30	UW_LT_STB+	1
-R_K3:87, -RL_X.1b:7	UW_LT_STB	2
-R_K3:86	UW_LT_REL_C	3
-R_K4:30	UW_LT_PORT+	4
-R_K4:87	UW_LT_PORT	5
-R_K4:86	UW_LT_REL_C	6
-RL_X.1b:2	UW_LT_STB	7
-R_K16:86	NAV_ON	8

-RL_X.1b#1
2634810
(8N BACK VIEW)

100 mm

-RL_X.1c#1
2639010

-R_K5:30	WIPER+	1
-RL_X2a, -RL_X.1c:10	WIP_SLOW	2
-R_K5:86	WIP_REL_C	3
-R_K6:30	W_WASH+	4
-RL_X.1c:11, -R_K6:87	W_WASH	5
-R_K6:86	W_WASH_REL_C	6
-RL_X2a	WIP_SLOW	7
-RL_X2a	WIP_SLOW	8
-RL_X2a	WIP_SLOW	9
-RL_X.1c:2	WIP_SLOW	10
-RL_X.1c:5	W_WASH	11

-RL_X.1c#1
2639010
(11N BACK VIEW)

100 mm

-RL_X.1d#1
2634410

-R_K7:30	HORN+	1
-R_K7:87	HORN	2
-R_K7:86	HORN_REL_C	3
		4

-RL_X.1d#1
2634410
(4N BACK VIEW)

100 mm

-RL_X.1e#1
2634610

-R_K9:30	BILGE_AFT+	1
-R_K9:87	BILGE_AFT_MAN	2
-R_K9:86	BLG_AFT_REL_C	3
-R_K10:30	BILGE_MID+	4
-R_K10:87	BILGE_MID_MAN	5
-R_K10:86	BLG_MD_REL_C	6

-RL_X.1e#1
2634610
(6N BACK VIEW)

100 mm

-RL_X.1f#1
2634810

-R_K11:30	AUX_1+	1
-R_K11:87, -RL_X.1f:7	ROOF_BEAM_LT	2
-R_K11:86	AUX_1_REL_C	3
-R_K12:30	AUX_2+	4
-R_K12:87, -RL_X.1f:8	AUX_2	5
-R_K12:86	AUX_R_C/BOW_TH	6
-RL_X.1f:2	ROOF_BEAM_LT	7
-RL_X.1f:5	AUX_2	8

-RL_X.1f#1
2634810
(8N BACK VIEW)

-RL_X.1k#1
2634210

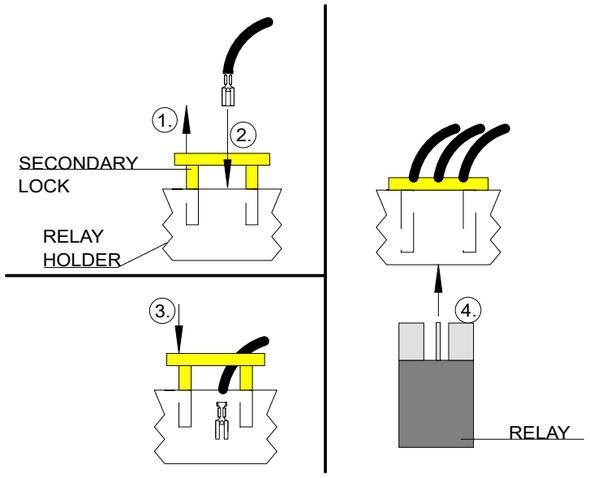
-R_K8:30	CAMERA_IN	1
-R_K8:87	CAMERA_OUT	2

-RL_X.1k
2634210
(2N BACK VIEW)

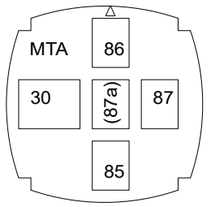
17.2.2023	RK	F5: NOT MODIFIED.	Date	22.5.2019	NAVIX designed solutions	Axopar	
13.4.2024	PF	G6: 2005054; R_K13..18 added, -RL_X.1g..j added	Drawing by	TuM		Boat	Sub-product code: 29596 Product code; Project ID
30.7.2024	PF	G7: 2005139; R_K8 added	Sheet rev.	7		37 MY20	RELAY UNIT
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title; HL Loc; 130 / 210 Sheet

INSTRUCTIONS FOR ATTACHING CABLES/ RELAYS
TO RELAY HOLDER:

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

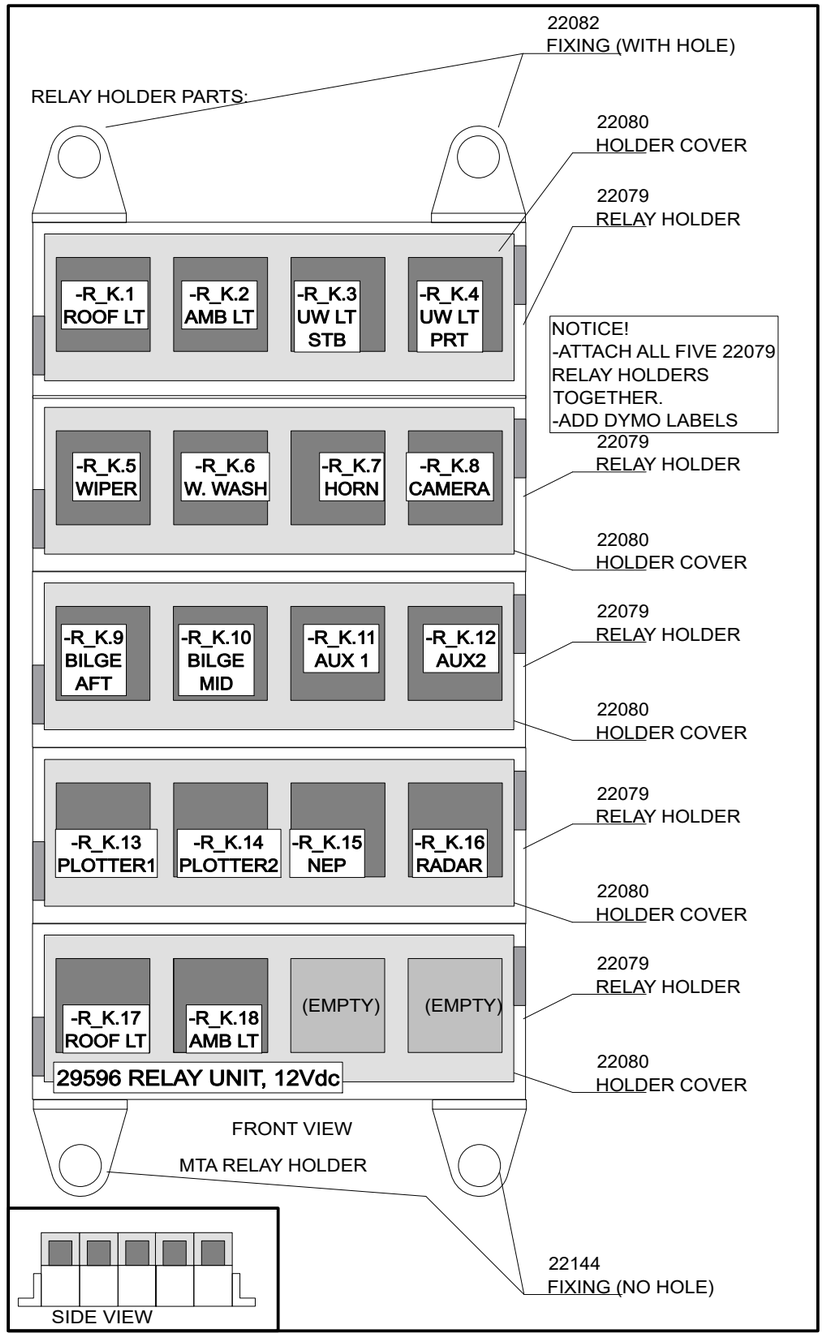


PIN ORDER



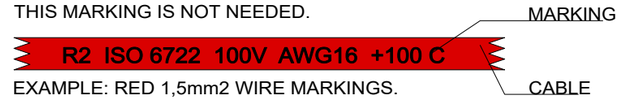
SECONDARY LOCK

SEEN FROM
WIRING SIDE
(BACK VIEW)



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.

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

NAVIX designed solutions
Copyright by

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.

EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

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

EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.

EXAMPLE: RED 50mm2 WIRE MARKINGS.

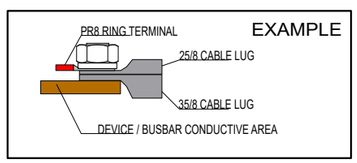
MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

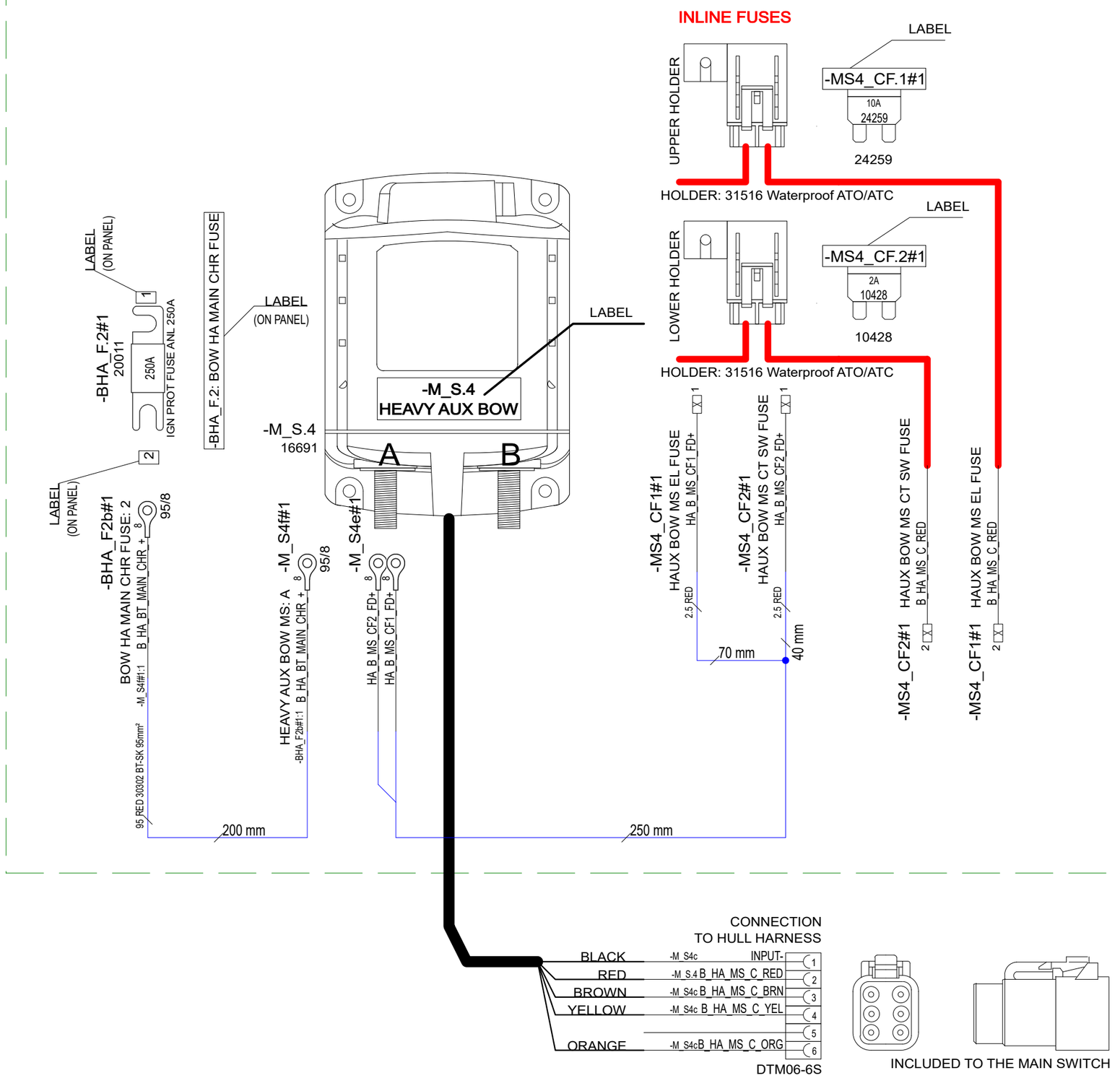
LOOK FOR EQUIVALENT AWG SIZE FOR mm2
AND ADD THIS TO CABLE MARKINGS.

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

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

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





CONNECTION
TO HULL HARNESS

BLACK	-M_S4c	INPUT-	1
RED	-M_S.4	B_HA_MS_C_RED	2
BROWN	-M_S4c	B_HA_MS_C_BRN	3
YELLOW	-M_S4c	B_HA_MS_C_YEL	4
			5
ORANGE	-M_S4c	B_HA_MS_C_ORG	6

DTM06-6S

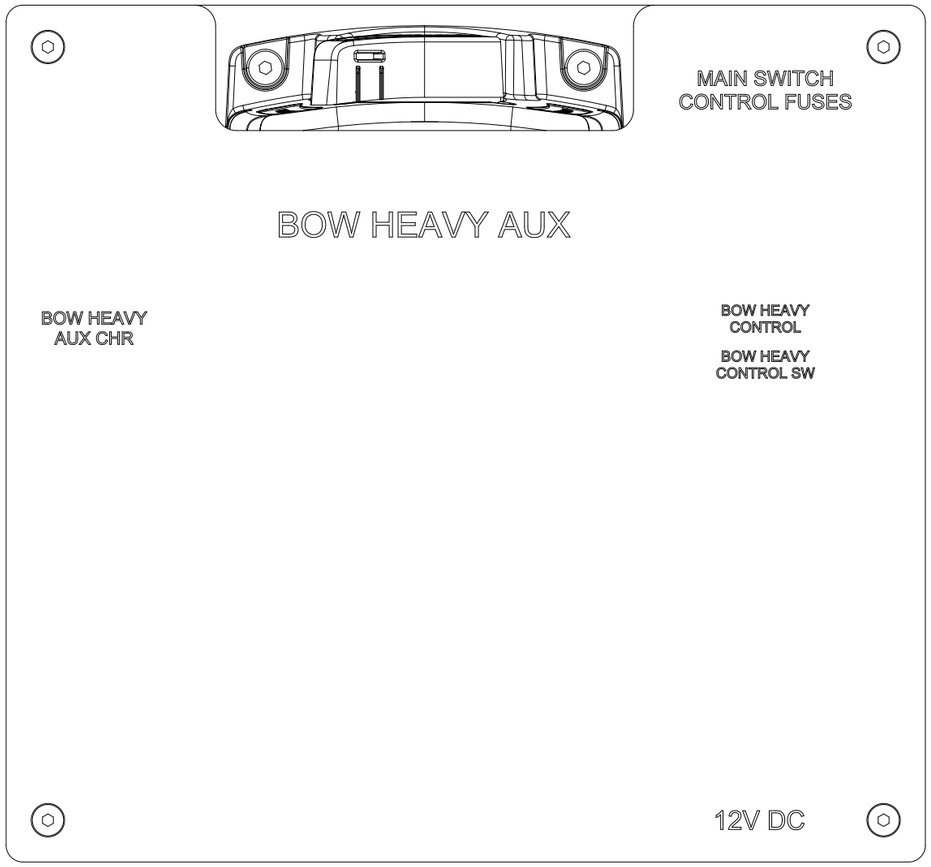
INCLUDED TO THE MAIN SWITCH

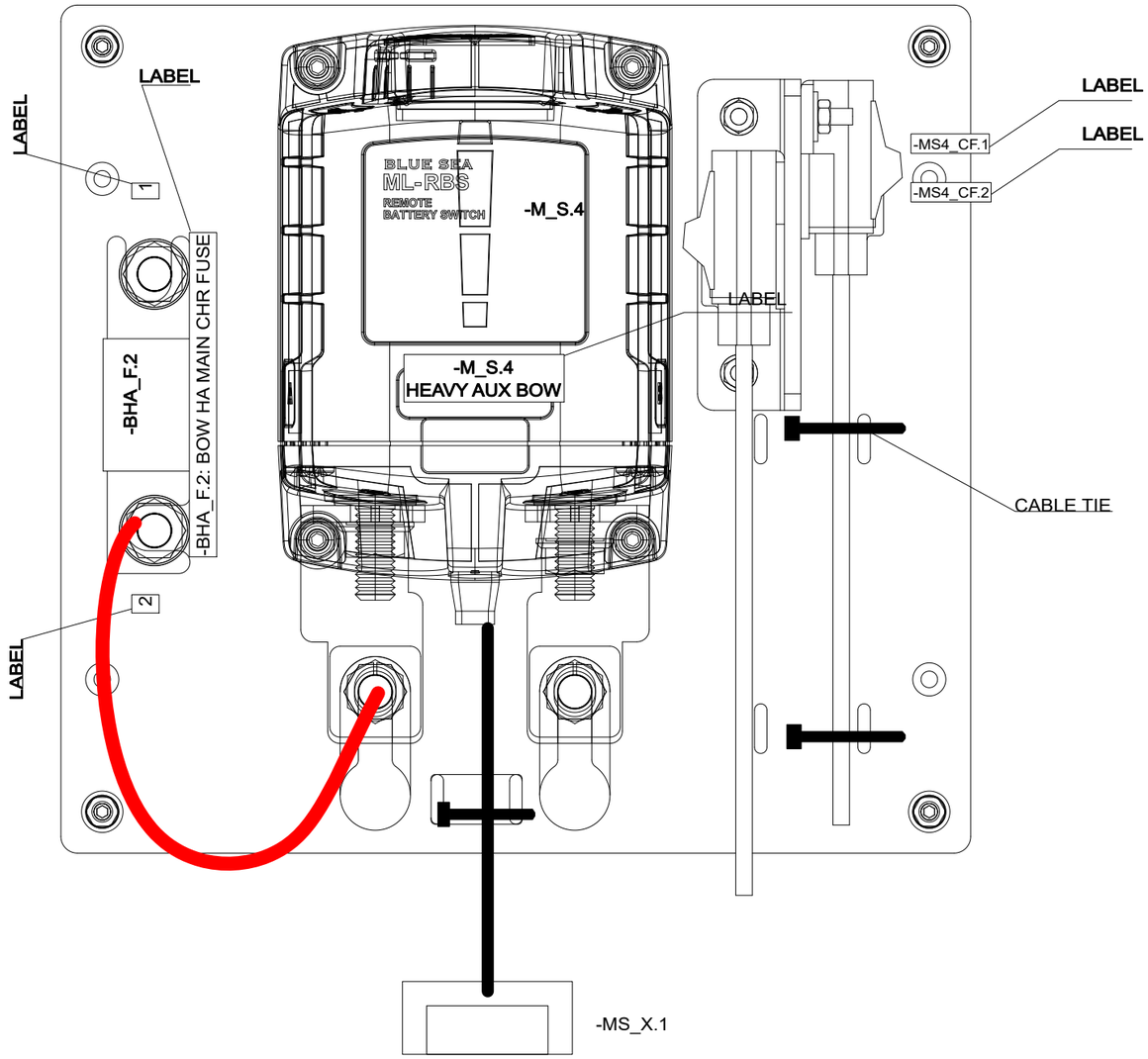
15.4.2024	PF	G6: 2005054; Not modified	Date	NAVIX designed solutions	Axopar	SEE EXP VIEW	29597
22.9.2021	VV	E5: NOT MODIFIED / REVISION RETURNED TO REV. E.	Drawing by TuM		Boat	Sub-product code	Product code
17.2.2023	RK	F6: FUSE HOLDERS CHANGED TO 31516.	Sheet rev. 6		37 MY20	BOW HEAVY AUX MAIN SWITCH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

Project ID

132 / 210
Sheet

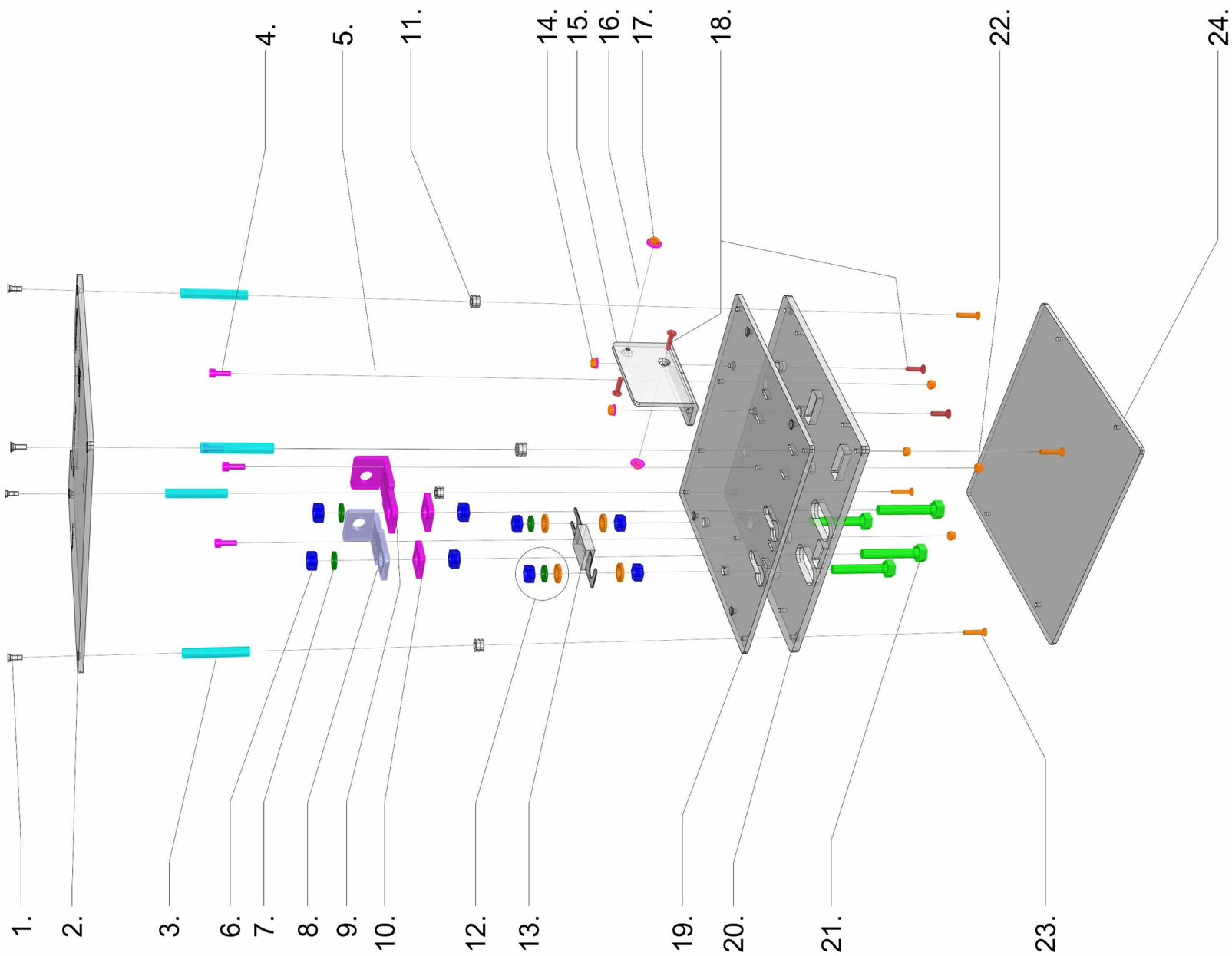
GENERAL LAYOUT / LABLES / CABLE ROUTES





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

EXP VIEW



29597_AXOPAR_37_MY20_BOW_HEAVY_AUX_MAIN_SWITCH_UNIT

29597_AXOPAR_37_MY20_BOW_HEAVY_AUX_MAIN_SWITCH_UNIT

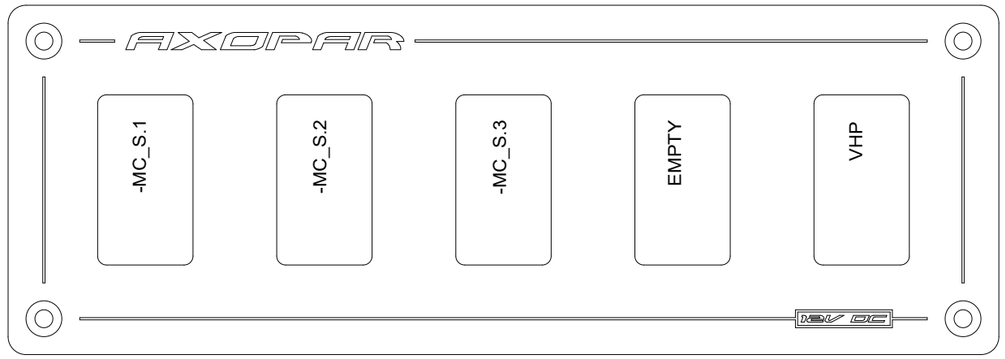
1. 4PCS VMI30914 Countersunk Head Screw M4x10 DIN7991
2. 1PC 29868_AXOPAR_37_MY20_BOW_HEAVY_AUX_MSU_COVER_(WOC)
3. 4PCS VMI32041 Extension Bolt M4-L50mm
4. 4PCS VMI30944 HEX SOCKET HEAD CAP SCREW M4X12 DIN912
5. 1PC BLUE SEA ML-RBS
6. 4PCS VMI32012 HEX NUT M8 DIN934
7. 2PCS VMI32011 SPRING LOCK WASHER 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

Date of modification	Modified by	Description
15.4.2024	PF	G6: 2005054; Not modified
22.9.2021	VV	E5: NOT MODIFIED / REVISION RETURNED TO REV. E.
17.2.2023	RK	F6: FUSE HOLDERS CHANGED TO 31516.

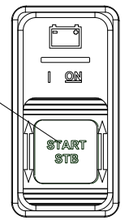
Date: TE 10.06.2019
Drawing by: TuM — TE 15.03.2023
Sheet rev.: 6
Project rev.: G

NAVIX designed solutions
Copyright by

Axopar	SEE EXP VIEW	29597	
Boat	Sub-product code	Product code	Project ID
37 MY20	BOW HEAVY AUX MAIN SWITCH UNIT	HL	134 / 210
Boat model	Title	Loc	Sheet

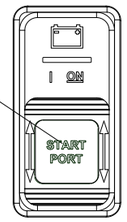


29866 (WOC)
LABEL



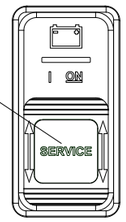
-MC_S.1#1
16756

29867 (WOC)
LABEL



-MC_S.2#1
16756

24147 (WOC)
LABEL



-MC_S.3#1
16756

(-MC_S.4)
EMPTY

(-MC_S.5)
VHP

-MC_S1#1 STB ENG MS CTRL

1	SB_E_MS_C_ORG -X1a:4	1.5 ORANGE	
2	SB_E_MS_C_RED -X1a:2, -MC_S1:+8	1.5 WHITE/RED	
3	SB_E_MS_C_BRN -X1a:3	1.5 WHITE/BROWN	
4			
5			
6			
-7	SB_E_MS_C_YEL -X1a:1	1.5 WHITE/YELLOW	
+8	SB_E_MS_C_RED -MC_S1:2	1.5 WHITE/RED	

50 mm

-MC_S2#1 PORT ENG MS CTRL

1	PT_E_MS_C_ORG -X1b:4	1.5 ORANGE	
2	PT_E_MS_C_RED -X1b:2, -MC_S2:+8	1.5 WHITE/RED	
3	PT_E_MS_C_BRN -X1b:3	1.5 WHITE/BROWN	
4			
5			
6			
-7	PT_E_MS_C_YEL -X1b:1	1.5 WHITE/YELLOW	
+8	PT_E_MS_C_RED -MC_S2:2	1.5 WHITE/RED	

50 mm

-MC_S3#1 SERVICE MS CTRL

1	SERV_MS_C_ORG -X1c:4	1.5 ORANGE	
2	SERV_MS_C_RED -X1c:2, -MC_S3:+8	1.5 WHITE/RED	
3	SERV_MS_C_BRN -X1c:3	1.5 WHITE/BROWN	
4			
5			
6			
-7	SERV_MS_C_YEL -X1c:1	1.5 WHITE/YELLOW	
+8	SERV_MS_C_RED -MC_S3:2	1.5 WHITE/RED	

50 mm

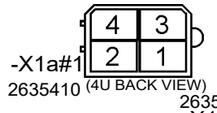
-MC_S4#1 HA MS CTRL

1	B_HA_MS_C_ORG -X1d:4	1.5 ORANGE	
2	B_HA_MS_C_RED -X1d:2, -MC_S4:+8	1.5 WHITE/RED	
3	B_HA_MS_C_BRN -X1d:3	1.5 WHITE/BROWN	
4			
5			
6			
-7	B_HA_MS_C_YEL -X1d:1	1.5 WHITE/YELLOW	
+8	B_HA_MS_C_RED -MC_S4:2	1.5 WHITE/RED	

50 mm

CONNECTION
TO DECK HARNESS

-X1a#1

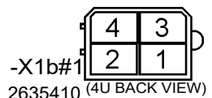


-X1a#1
2635410 (4U BACK VIEW)

1	SB_E_MS_C_YEL	-MC_S1:-7	1.5 WHITE/YELLOW
2	SB_E_MS_C_RED	-MC_S1:2	1.5 WHITE/RED
3	SB_E_MS_C_BRN	-MC_S1:3	1.5 WHITE/BROWN
4	SB_E_MS_C_ORG	-MC_S1:1	1.5 ORANGE

2635410

-X1b#1



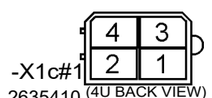
-X1b#1
2635410 (4U BACK VIEW)

1	PT_E_MS_C_YEL	-MC_S2:-7	1.5 WHITE/YELLOW
2	PT_E_MS_C_RED	-MC_S2:2	1.5 WHITE/RED
3	PT_E_MS_C_BRN	-MC_S2:3	1.5 WHITE/BROWN
4	PT_E_MS_C_ORG	-MC_S2:1	1.5 ORANGE

2635410

250 mm

-X1c#1

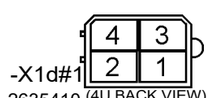


-X1c#1
2635410 (4U BACK VIEW)

1	SERV_MS_C_YEL	-MC_S3:-7	1.5 WHITE/YELLOW
2	SERV_MS_C_RED	-MC_S3:2	1.5 WHITE/RED
3	SERV_MS_C_BRN	-MC_S3:3	1.5 WHITE/BROWN
4	SERV_MS_C_ORG	-MC_S3:1	1.5 ORANGE

2635410

-X1d#1



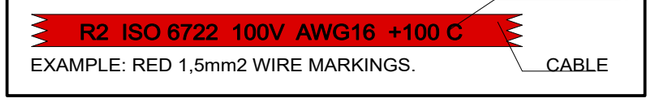
-X1d#1
2635410 (4U BACK VIEW)

1	B_HA_MS_C_YEL	-MC_S4:-7	1.5 WHITE/YELLOW
2	B_HA_MS_C_RED	-MC_S4:2	1.5 WHITE/RED
3	B_HA_MS_C_BRN	-MC_S4:3	1.5 WHITE/BROWN
4	B_HA_MS_C_ORG	-MC_S4:1	1.5 ORANGE

2635410

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

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



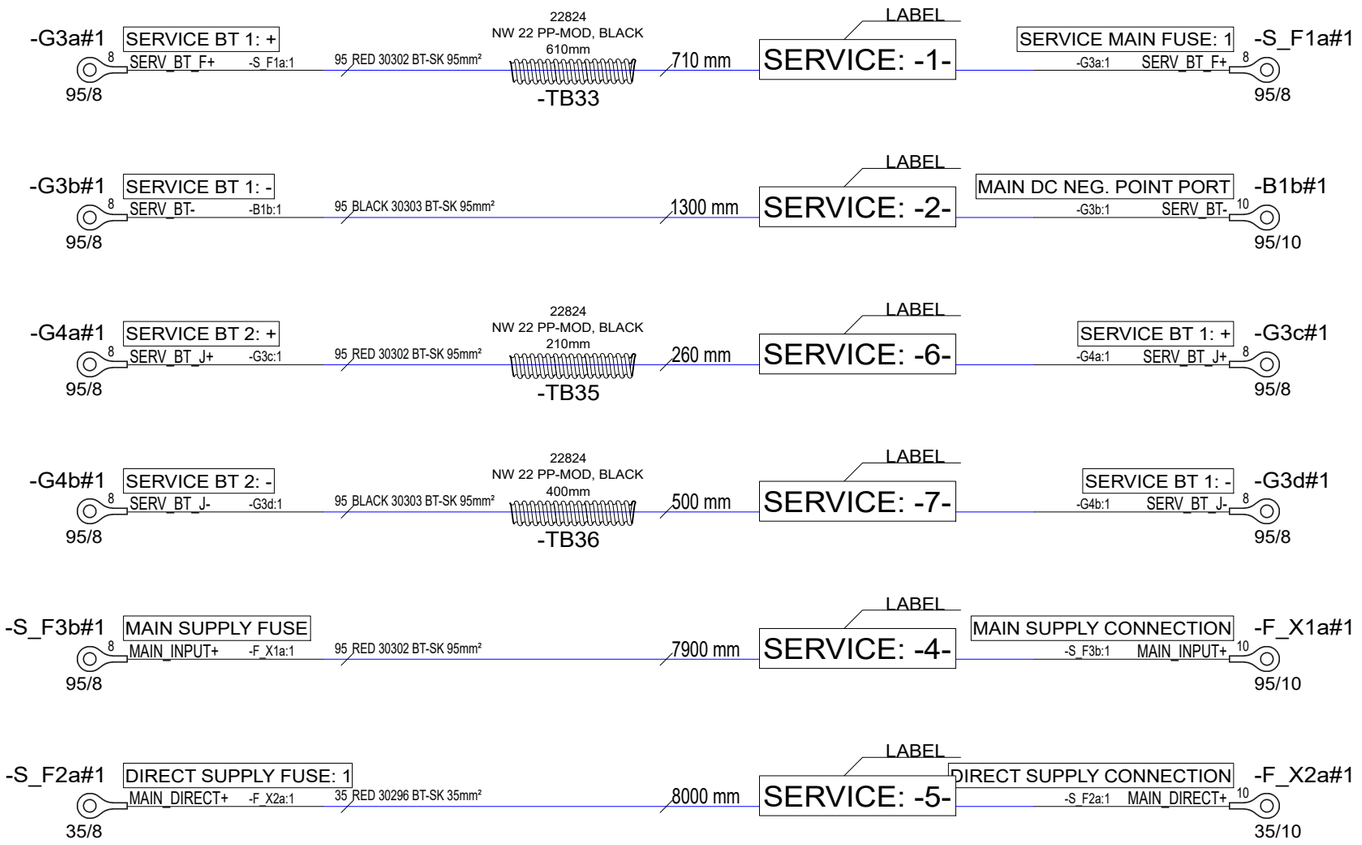
EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

Date of modification	Modified by	Description
22.9.2021	TT	E3: NOT MODIFIED / REVISION RETURNED TO REV. E.
17.2.2023	RK	F3: NOT MODIFIED.
19.4.2024	PF	G3: 2005054; Not modified

Date	22.5.2019
Drawing by	TuM
Sheet rev.	3
Project rev.	G

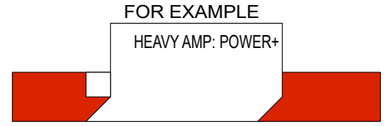
NAVIX designed solutions
Copyright by

Axopar Boat	29865 Sub-product code	29599 Product code	Project ID
37 MY20 Boat model	MAIN SWITCH CONTROL PANEL Title	HL Loc	135 / 210 Sheet



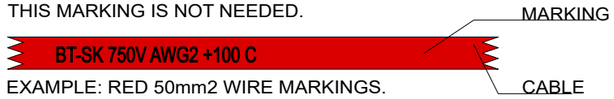
NOTICE! CABLES WITH STICKER

FOR EXAMPLE



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

EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.



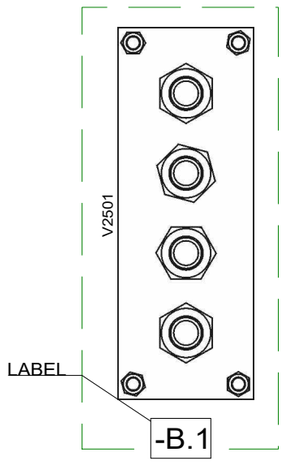
EXAMPLE: RED 50mm2 WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

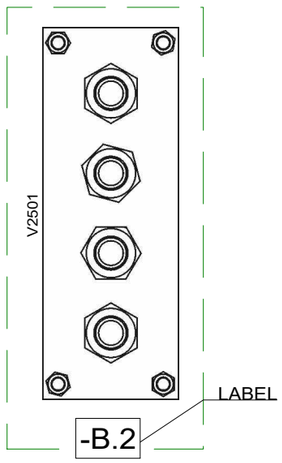
LOOK FOR EQUIVALENT AWG SIZE FOR mm2
AND ADD THIS TO CABLE MARKINGS.

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

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



MAIN DC NEG. POINT PORT



MAIN DC NEG. POINT STB

Date of modification	Modified by	Description
30.7.2024	PF	G5: 2005139; Cable lug changes
17.2.2023	RK	F4: NOT MODIFIED.
19.4.2024	PF	G4: 2005054; Not modified

Date 22.5.2019
Drawing by TuM
Sheet rev. 5
Project rev. G

NAVIX designed solutions
Copyright by

Axopar — Boat
Sub-product code
29601 — Product code
Project ID
37 MY20 — Boat model
SERVICE MAIN SUPPLY CABLES — Title
HL — Loc
136 / 210 — 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

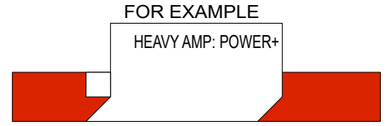
EXAMPLE: RED 16mm2 WIRE MARKINGS.

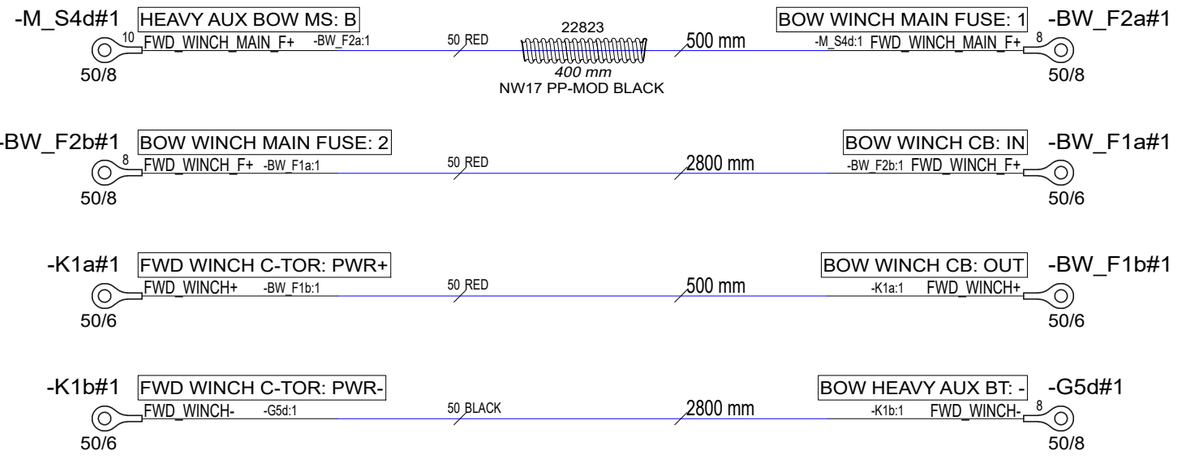
MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

	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

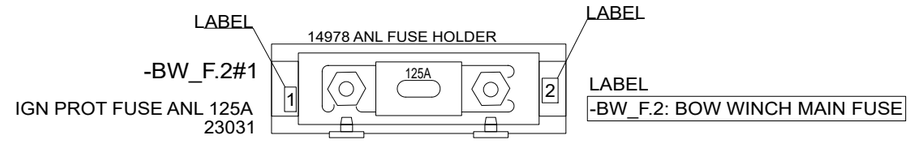
NOTICE! CABLES WITH STICKER

FOR EXAMPLE



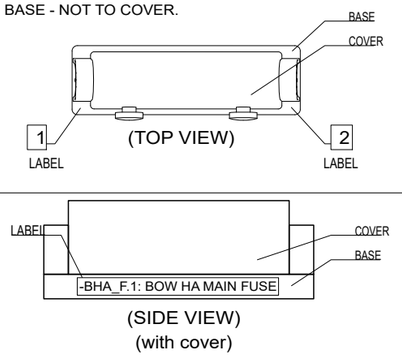


INCLUDED



LABEL INSTRUCTIONS

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



Date of modification	Modified by	Description		
19.4.2024	PF	G4: 2005054; Not modified	Date	22.5.2019
30.7.2024	PF	G5: 2005139; G5d cable lug change	Drawing by	TuM
17.10.2023	PF	F4: 2004916; Cable and fuse sizes increased	Sheet rev.	5
			Project rev.	G

NAVIX designed solutions
Copyright by

Axopar		29603	
Boat	Sub-product code	Product code	Project ID
37 MY20	BOW WINCH CABLE SET	HL	137 / 210
Boat model	Title	Loc	Sheet

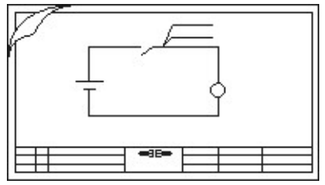
NOTICE!
BATTERY CABLES NEED TO ADD MARKINGS
SHOWN IN EXAMPLE BELOW.

EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.

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
FOR EXAMPLE:	25 mm2	=	AWG3
CABLE SIZE IS 25mm2 --> MARKING AWG3.	35 mm2	=	AWG2

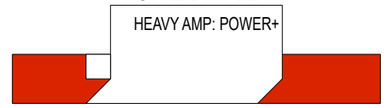


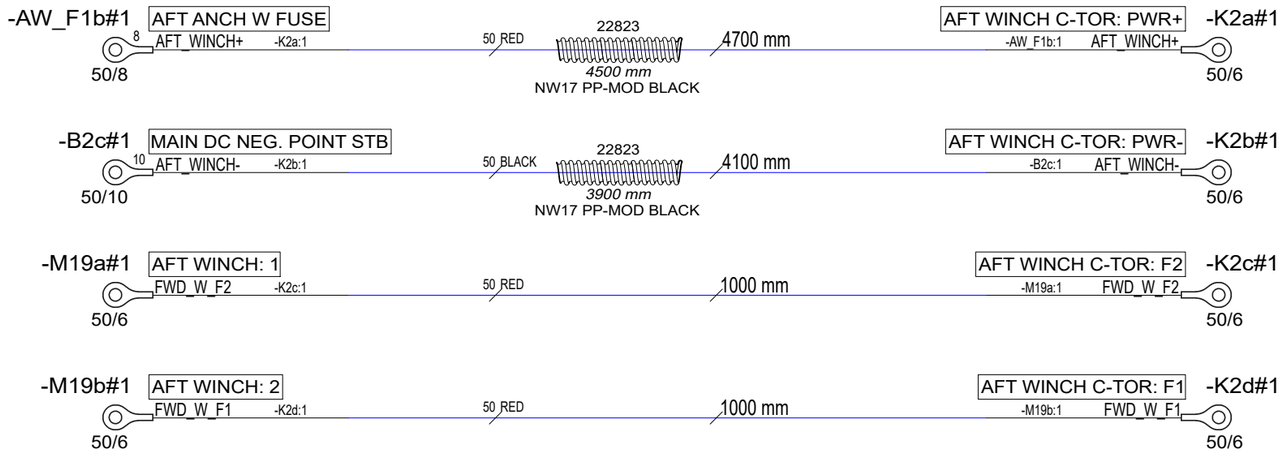
DOCUMENTS INCLUDED:

29604 BATTERY BOX
ANCH WINCH CABLE SET

NOTICE! CABLES WITH STICKER

FOR EXAMPLE





Date of modification	Modified by	Description
19.4.2024	PF	G4: 2005054; Not modified
17.2.2023	RK	F3: NOT MODIFIED.
17.10.2023	PF	F4: 2004916; Cable sizes increased

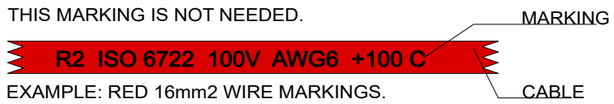
Date	22.5.2019
Drawing by	TuM
Sheet rev.	4
Project rev.	G

NAVIX designed solutions
Copyright by

Axopar Boat		29604 Product code	Project ID
37 MY20 Boat model	AFT WINCH CABLE SET Title	HL Loc	138 / 210 Sheet

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

EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.



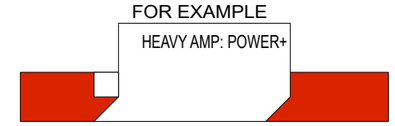
EXAMPLE: RED 16mm2 WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

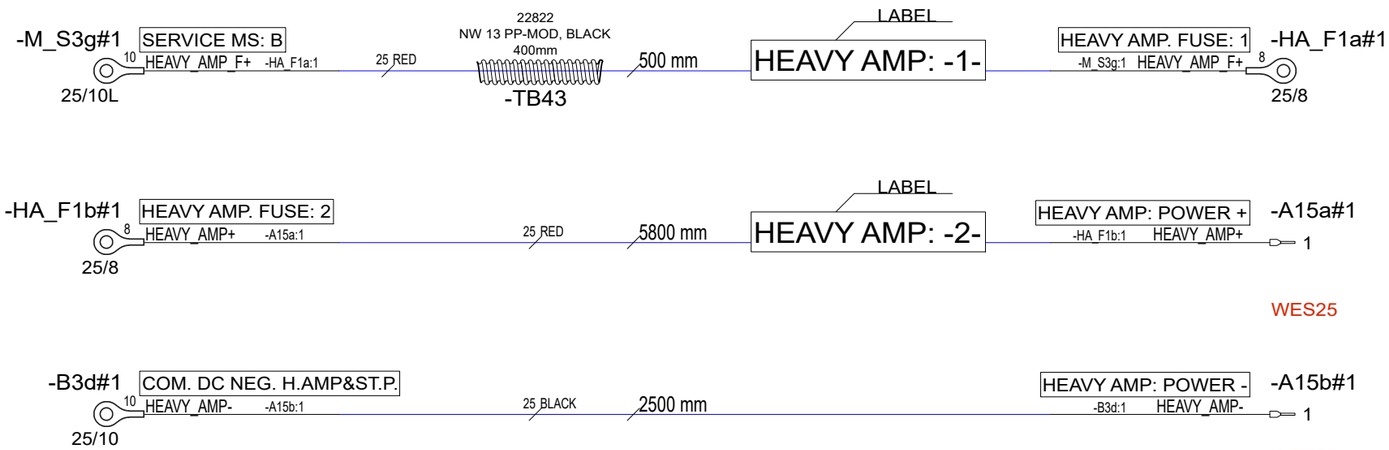
	EQUIVALENCY: mm2		AWG
LOOK FOR EQUIVALENT AWG SIZE FOR mm2 AND ADD THIS TO CABLE MARKINGS.	10 mm2	=	AWG8
	16 mm2	=	AWG6
FOR EXAMPLE:	25 mm2	=	AWG3
CABLE SIZE IS 25mm2 --> MARKING AWG3.	35 mm2	=	AWG2

NOTICE! CABLES WITH STICKER

FOR EXAMPLE

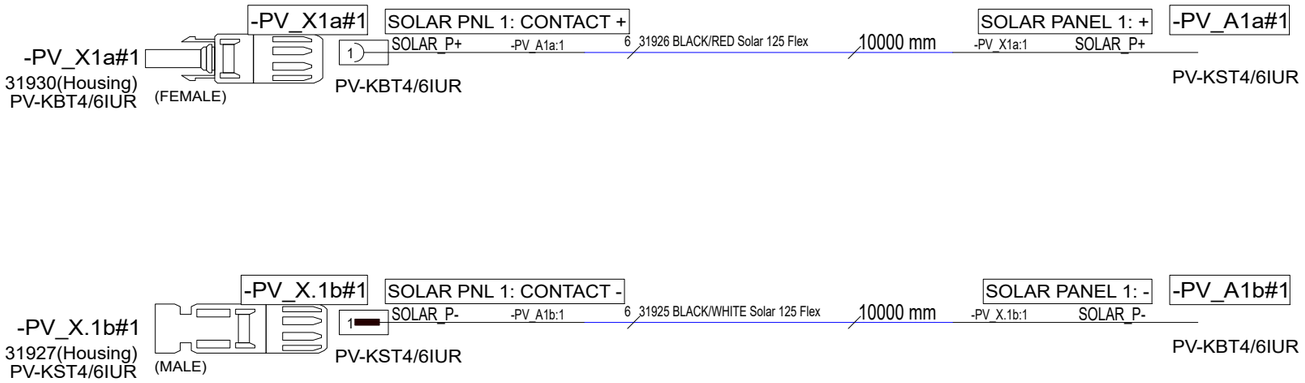


LABEL
HEAVY AMPLIFIER CABLES
(TO TOP OF PACKAGE)



PACKED TO OWN PACKAGE.

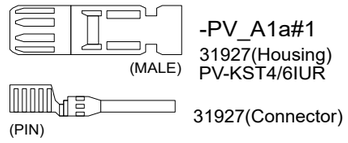
22.9.2021	VV	E4: NOT MODIFIED / REVISION RETURNED TO REV. E.	Date	21.5.2019	NAVIX designed solutions	Axopar		29605	
17.2.2023	RK	F5: LENGTH MODIFICATIONS.	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
19.4.2024	PF	G5: 2005054; Not modified	Sheet rev.	5		37 MY20	HEAVY AMPLIFIER CABLES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



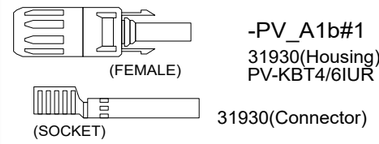
DELIVERED SEPARATELY

SOLAR CABLE CONNECTORS

31927 Solar Connector MC4 Pin inc. housing

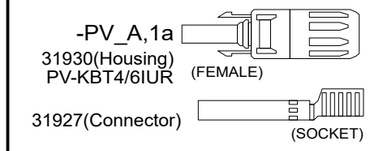


31930 Solar Connector MC4 Socket inc. housing

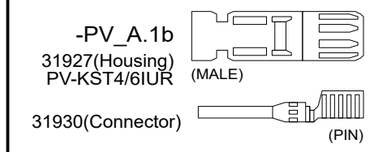


SOLAR PANEL CONNECTORS

31930 Solar Connector MC4 Socket inc. housing



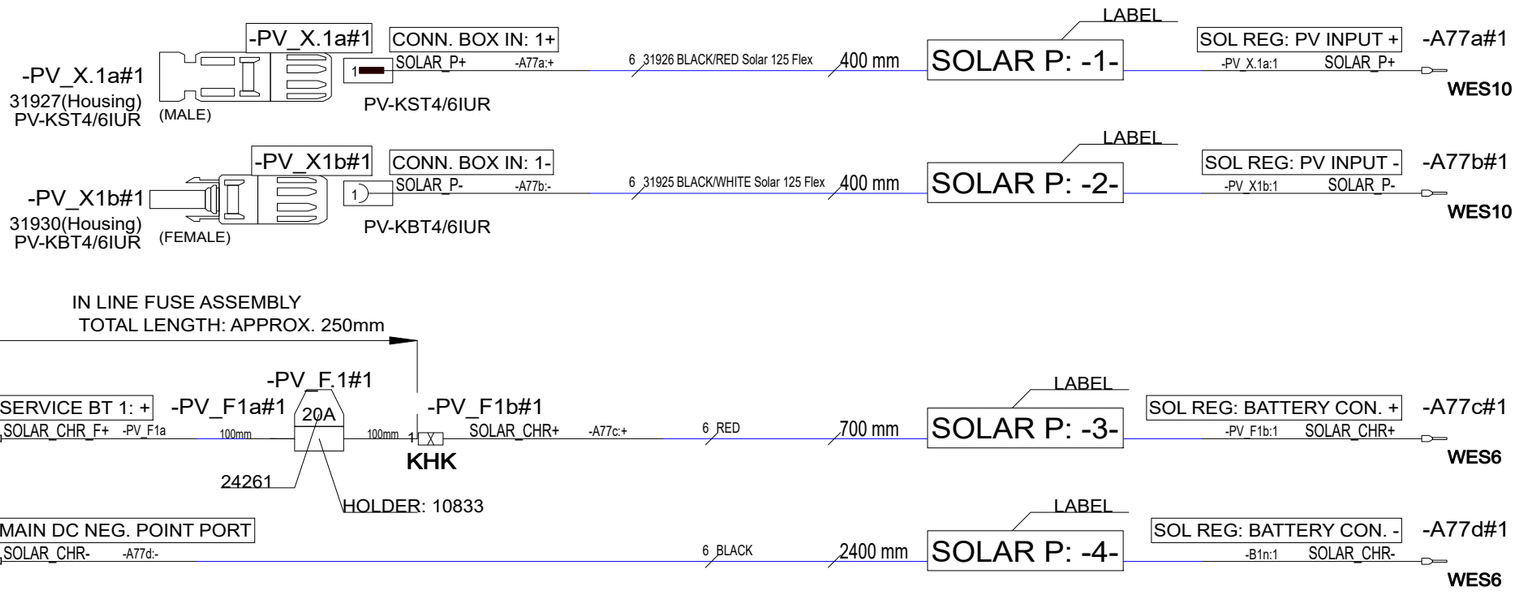
31927 Solar Connector MC4 Pin inc. housing



LABEL

SOLAR PANEL CABLES

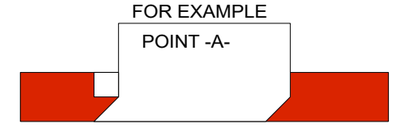
(TO TOP OF PACKAGE)

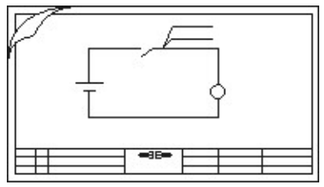


PACKED TO OWN PACKAGE.

NOTICE! CABLES WITH STICKER

FOR EXAMPLE





DOCUMENTS INCLUDED:

29606 BATTERY BOX
SOLAR PANEL CABLES

Date of modification	Modified by	Description
30.7.2024	PF	G5: 2005139; G3e terminal changed
17.2.2023	RK	F4: NOT MODIFIED.
19.4.2024	PF	G4: 2005054; Not modified

Date	21.5.2019
Drawing by	TuM
Sheet rev.	5
Project rev.	G

NAVIX designed solutions
Copyright by

Axopar		29606	
Boat	Sub-product code	Product code	Project ID
37 MY20	SOLAR PANEL CABLES	HL	140 / 210
Boat model	Title	Loc	Sheet

NOTICE! CABLES WITH STICKER

FOR EXAMPLE

HEAVY AMP: POWER+

LABEL

START STB CABLES

(TO TOP OF PACKAGE)

-G1a#1 — START STB BT: + — 8 — STB_START_BT+ -M_S1a:1 — 70 RED 30300 BT-SK 70mm² — 22824 NW 22 PP-MOD, BLACK 380mm -TB29 — 480 mm — LABEL START STB: -1- — START STB MS: A — -G1a:1 STB_START_BT+ — 10 — -M_S1a#1

70/8 — 70/10L

-ENG_X1a#1 — ENGINE STB: ENG+ — 8 — STB_ENG+ -M_S1b:1 — 70 RED 30300 BT-SK 70mm² — 22824 NW 22 PP-MOD, BLACK 800mm -TB30 — 900 mm — LABEL START STB: -2- — START STB MS: B — -ENG_X1a:1 STB_ENG+ — 10 — -M_S1b#1

70/8 — 70/10L

-ENG_X1b#1 — ENGINE STB: ENG- — 8 — STB_ENG- -G1b:1 — 70 BLACK 30301 BT-SK 70mm² — 1550 mm — LABEL START STB: -3- — START STB BT: - — -ENG_X1b:1 STB_ENG- — 8 — -G1b#1

70/8 — 70/8

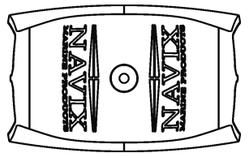
-B2h#1 — MAIN DC NEG. POINT STB — 10 — STB_START_BT- -G1c:1 — 70 BLACK 30301 BT-SK 70mm² — 2200 mm — LABEL START STB: -4- — START STB BT: - — -B2h:1 STB_START_BT- — 8 — -G1c#1

70/10 — 70/8

INCLUDED

-ENG_X.1#1

V4100



PACKED TO OWN PACKAGE.

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

EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.

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
FOR EXAMPLE: CABLE SIZE IS 70mm2 --> MARKING AWG2/0.	70 mm2	=	AWG2/0
	95 mm2	=	AWG3/0
	120 mm2	=	250 kcmil

Date of modification	Modified by	Description
19.4.2024	PF	G5: 2005054; Not modified
30.7.2024	PF	G6: 2005139; Cable lugs changed
17.2.2023	RK	F5: NOT MODIFIED.

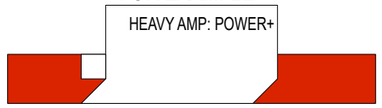
Date 6.7.2019
Drawing by TuM
Sheet rev. 6
Project rev. G

Copyright by NAVIX designed solutions

Boat: Axopar
Boat model: 37 MY20
Sub-product code:
Product code: 29607
Project ID:
Title: BATTERY BOX CABLES STANDARD
HL:
Loc:
Sheet: 141/ 210

NOTICE! CABLES WITH STICKER

FOR EXAMPLE



-G2a#1 — START PORT BT: + — 8 — PORT_START_BT+ -M_S2a:1 — 70 RED 30300 BT-SK 70mm² — 22824 NW 22 PP-MOD, BLACK 280mm — -TB31 — 380 mm — LABEL START PRT: -1- — START PORT MS: A — -G2a:1 PORT_START_BT+ 10 — -M_S2a#1

70/8 — 70/10L

-ENG_X2a#1 — ENGINE PORT: ENG+ — 8 — PORT_ENG+ -M_S2b:1 — 70 RED 30300 BT-SK 70mm² — 22824 NW 22 PP-MOD, BLACK 950mm — -TB32 — 1050 mm — LABEL START PRT: -2- — START PORT MS: B — -ENG_X2a:1 PORT_ENG+ 10 — -M_S2b#1

70/8 — 70/10L

-ENG_X2b#1 — ENGINE PORT: ENG- — 8 — PORT_ENG- -G2b:1 — 70 BLACK 30301 BT-SK 70mm² — 1350 mm — LABEL START PRT: -3- — START PORT BT: - — -ENG_X2b:1 PORT_ENG- 8 — -G2b#1

70/8 — 70/8

-B1d#1 — MAIN DC NEG. POINT PORT — 10 — PORT_START_BT- -G2c:1 — 70 BLACK 30301 BT-SK 70mm² — 1800 mm — LABEL START PRT: -4- — START PORT BT: - — -B1d:1 PORT_START_BT- 8 — -G2c#1

70/10 — 70/8

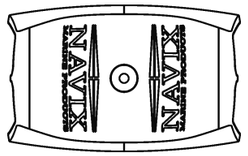
LABEL START PRT CABLES

(TO TOP OF PACKAGE)

INCLUDED

-ENG_X.2#1

V4100



PACKED TO OWN PACKAGE.

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

EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.

EXAMPLE: RED 50mm2 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 70mm2 --> MARKING AWG2/0.

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

Date of modification	Modified by	Description
19.4.2024	PF	G5: 2005054; Not modified
30.7.2024	PF	G6: 2005139; Cable lugs changed
17.2.2023	RK	F5: NOT MODIFIED.

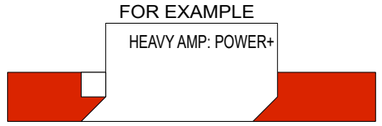
Date 5.7.2019
Drawing by TuM
Sheet rev. 6
Project rev. G

Copyright by NAVIX designed solutions

Boat: Axopar
Boat model: 37 MY20
Sub-product code:
Product code: 29607
Project ID:
Title: BATTERY BOX CABLES STANDARD
HL:
Loc:
Sheet: 142 / 210

NOTICE! CABLES WITH STICKER

FOR EXAMPLE



LABEL

POWER STEER CABLES

(TO TOP OF PACKAGE)

-B3a#1 COM. DC NEG. H.AMP&ST.P. 10 MAIN_PWR_STR- -B4b:1 25 BLACK 300 mm LABEL PWR STEER: -5- PWR. STEER. PUMP: V04100 -B4b#1 -B3a:1 MAIN_PWR_STR- 8

25/10 25/8

-B3b#1 COM. DC NEG. H.AMP&ST.P. 10 MAIN_PWR_STR- -B2p:1 35 BLACK 4300 mm LABEL PWR STEER: -6- MAIN DC NEG. POINT STB -B2p#1 -B3b:1 MAIN_PWR_STR- 10

35/10 35/10

INCLUDED

-B.4#1

V4100

V2501

-B.3 LABEL

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

PACKED TO OWN PACKAGE.

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

Date of modification	Modified by	Description
19.4.2024	PF	G5: 2005054; Not modified
30.7.2024	PF	G6: 2005139; Cable lugs changed
17.2.2023	RK	F5: NOT MODIFIED.

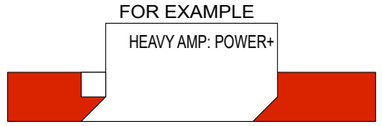
Date 5.7.2019
Drawing by TuM
Sheet rev. 6
Project rev. G

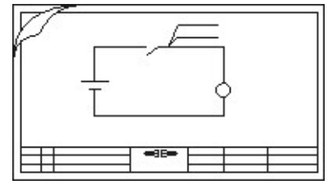
Copyright by NAVIX designed solutions

Boat: Axopar
Boat model: 37 MY20
Sub-product code:
Product code: 29607
Project ID:
Title: BATTERY BOX CABLES STANDARD
Loc: HL
Sheet: 143 / 210

NOTICE! CABLES WITH STICKER

FOR EXAMPLE





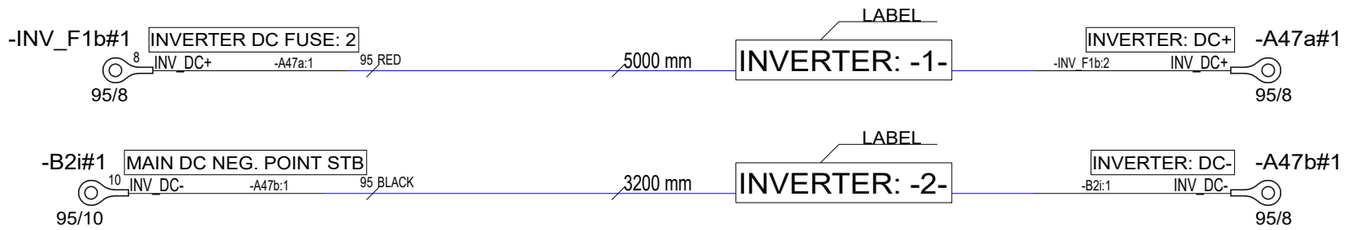
DOCUMENTS INCLUDED:

29611 BATTERY BOX
INVERTER CABLE SET

LABEL

INVERTER CABLES

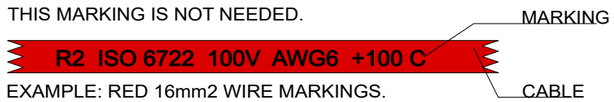
(TO TOP OF PACKAGE)



PACKED TO OWN PACKAGE.

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

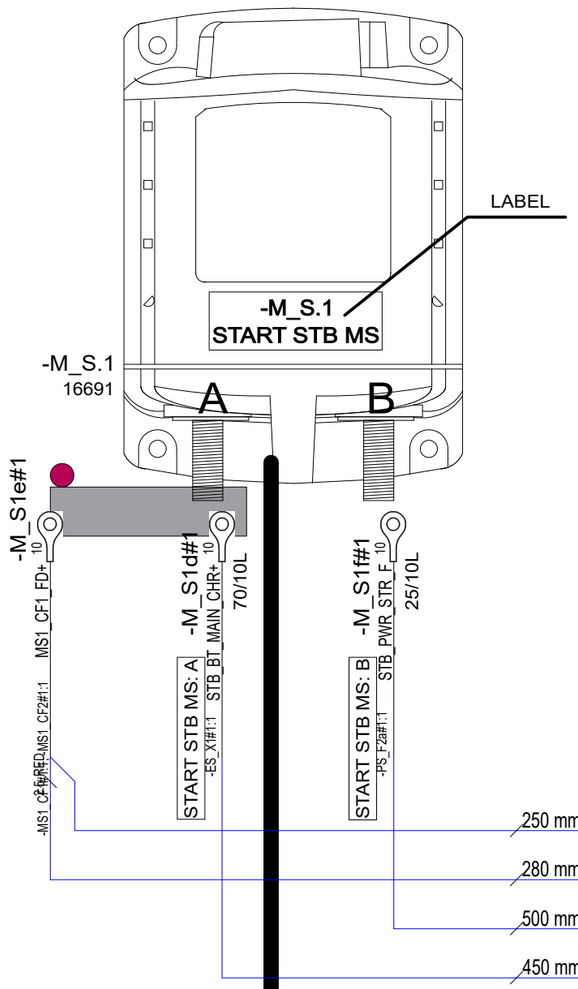
Date of modification	Modified by	Description
19.4.2024	PF	G3: 2005054; Not modified
24.6.2024	PF	G4: 2005139; Cables 25mm2->95mm2, lengths changed
17.2.2023	RK	F3: NOT MODIFIED.

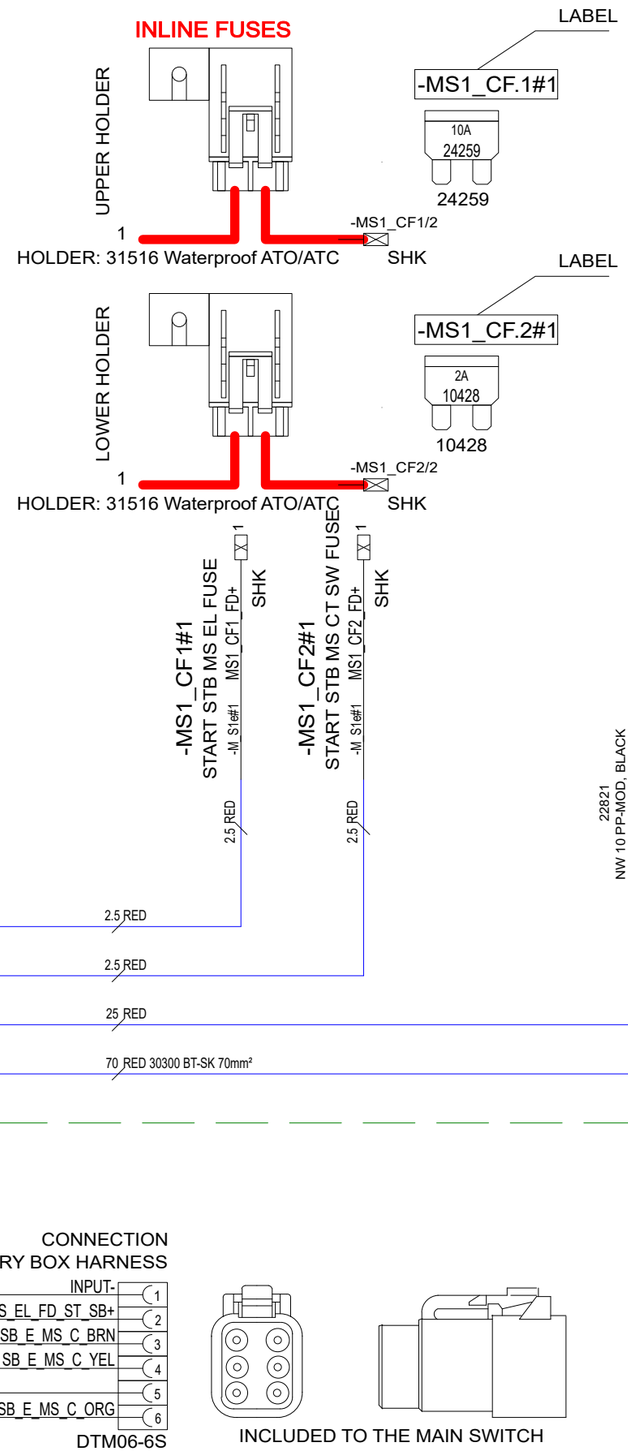
Date 6.7.2019
Drawing by TuM
Sheet rev. 4
Project rev. G

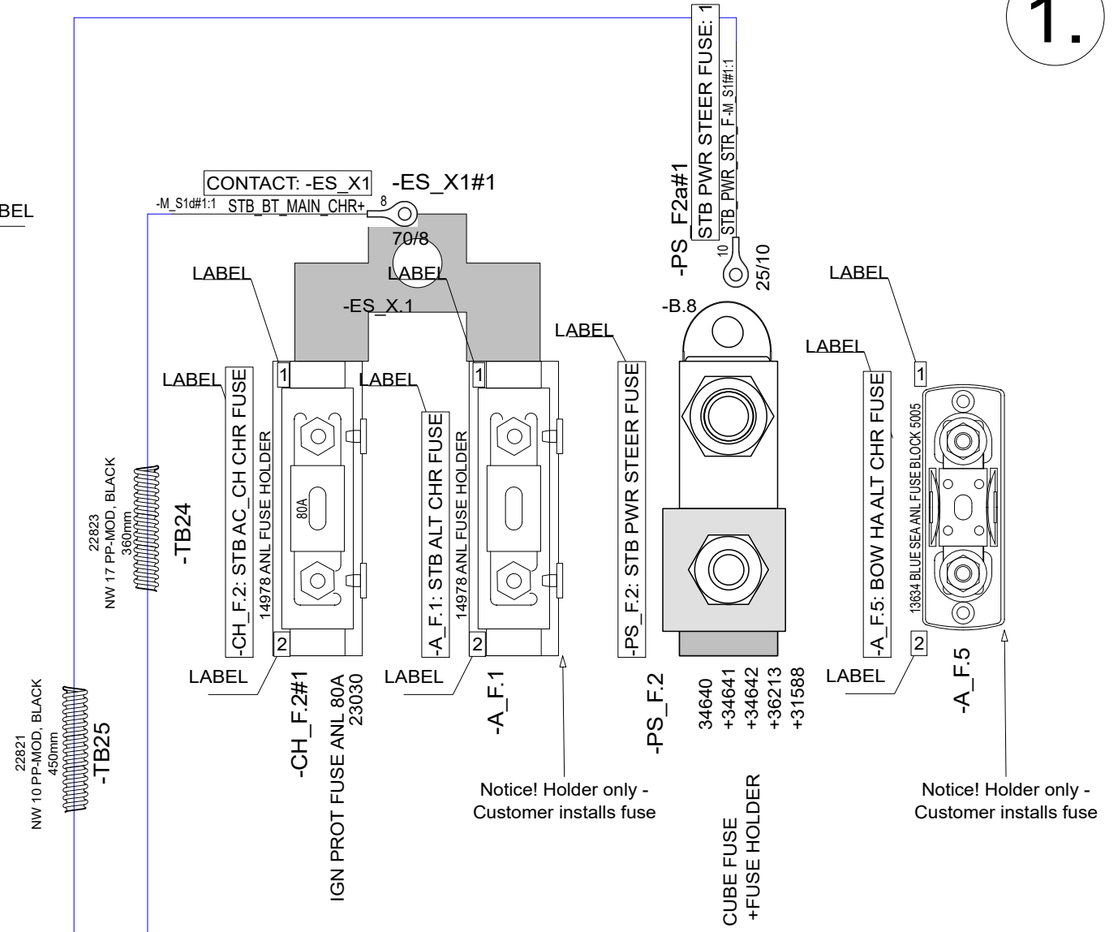
Copyright by

Boat: Axopar
Boat model: 37 MY20
Sub-product code:
Product code: 29611
Project ID:
Title: BATTERY BOX INVERTER CABLE SET
Loc: HL
Sheet: 144 / 210

1.



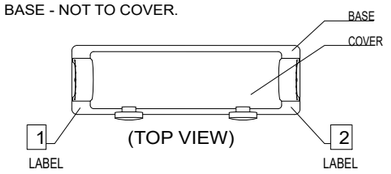




ADD: M10 X 30mm BOLT
M10 WASHER
M10 SPRING WASHER
M10 NUT

LABEL INSTRUCTIONS

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



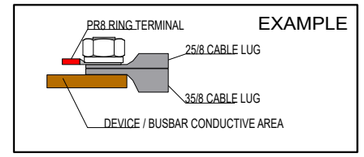
CONNECTION
TO BATTERY BOX HARNESS

BLACK	-M_S1c	INPUT-	1
RED	-M_S1c	MS_EL_FD_ST_SB+	2
BROWN	-M_S1c	SB_E_MS_C_BRN	3
YELLOW	-M_S1c	SB_E_MS_C_YEL	4
			5
ORANGE	-M_S1c	SB_E_MS_C_ORG	6

DTM06-6S

INCLUDED TO THE MAIN SWITCH

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



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

Date	2.7.2019
Drawing by	TuM
Sheet rev.	12
Project rev.	G

NAVIX designed solutions
Copyright by

Axopar	SEE EXP VIEW	29613		
Boat	Sub-product code	Product code	Project ID	
37 MY20	BATTERY BOX STB PANEL 1		HL	145 / 210
Boat model	Title		Loc	Sheet

2.

INLINE FUSES

UPPER HOLDER
-MS3_CF.1#1
10A
24259
LABEL
24259
1
-MS1_CF1/2
HOLDER: 31516 Waterproof ATO/ATC
SHK

LOWER HOLDER
-MS3_CF.2#1
2A
10428
LABEL
10428
1
-MS1_CF2/2
HOLDER: 31516 Waterproof ATO/ATC
SHK

-M_S.3
16691
-M_S.3
SERVICE MS
A
B
LABEL

-INV_F1a#1
INVERTER DC FUSE: 1
-M_S3#1:1
INV_DC_F+
8
95/8
LABEL
14978 ANL FUSE HOLDER
300A
-INV_F.1: INVERTER DC FUSE
LABEL
-INV_F.1#1
300A
21639
IGN PROT FUSE ANL
22823
NW17 PP-MOD BLACK
410mm
-TB28
95_RED 30302 BT-SK 95mm²
500 mm

-MS3_CF1#1
SERV MS EL FUSE
-M_S3c:6
SERV_MS_CF1_FD+
2.5 RED
280 mm
-MS3_CF2#1
SERV MS CT SW FUSE
-M_S3c:5
SERV_MS_CF2_FD+
2.5 RED
250 mm

-M_S3a#1
SERV_BT+
10
95/10L
SERVICE MS: A
-SR_X1#1:1
-MS3_CF1#1:1
SERV_MS_CF1_FD+
-MS3_CF2#1:1
500 mm

-M_S3b#1
MAIN_SPLY+
10
95/10L
SERVICE MS: B
-SR_X2a#1:1
95_RED 30302 BT-SK 95mm²
400 mm

-M_S3f#1
INV_DC_F+
10
95/10L
SERVICE MS: B
-INV_F1a#1:1
95_RED 30302 BT-SK 95mm²
480 mm

-SR_X1#1
CONTACT: -SR_X.1
8
SERV_BT+
-M_S3a#1:1
95/8
LABEL
-SR_X.1
LABEL
-S_F.1: SERVICE MAIN FUSE
13634 BLUE SEA ANL FUSE BLOCK 5005
300A
-S_F.1#1
21639
-S_F.2: DIRECT SUPPLY FUSE
14978 ANL FUSE HOLDER
80A
-S_F.2#1
IGN PROT FUSE ANL 80A
23030

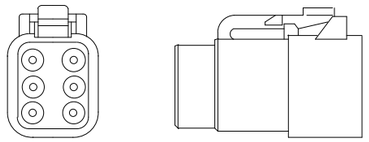
22824
NW 22 PP-MOD, BLACK
430mm
-TB26
-TB27
22824
NW 22 PP-MOD, BLACK
350mm

CONTACT: -SR_X.2
-SR_X2a#1
-M_S3b#1:1
MAIN_SPLY+
8
95/8
LABEL
-SR_X.2
LABEL
-S_F.3: MAIN SUPPLY FUSE
13634 BLUE SEA ANL FUSE BLOCK 5005
200A
-S_F.3#1
23032
14978 ANL FUSE HOLDER
125A
-AW_F.1: AFT ANCH W FUSE
-AW_F.1#1
IGN PROT FUSE ANL 125A
23031

CONNECTION
TO BATTERY BOX HARNESS

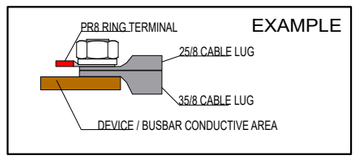
BLACK	-M_S3c	INPUT-	1
RED	-M_S.3	SERV_MS_C_RED	2
BROWN	-M_S3c	SERV_MS_C_BRN	3
YELLOW	-M_S3c	SERV_MS_C_YEL	4
			5
ORANGE	-M_S3c	SERV_MS_C_ORG	6

DTM06-6S

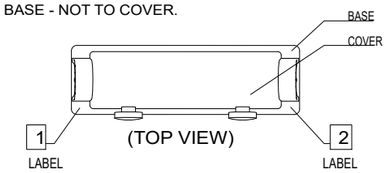


INCLUDED TO THE MAIN SWITCH

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.



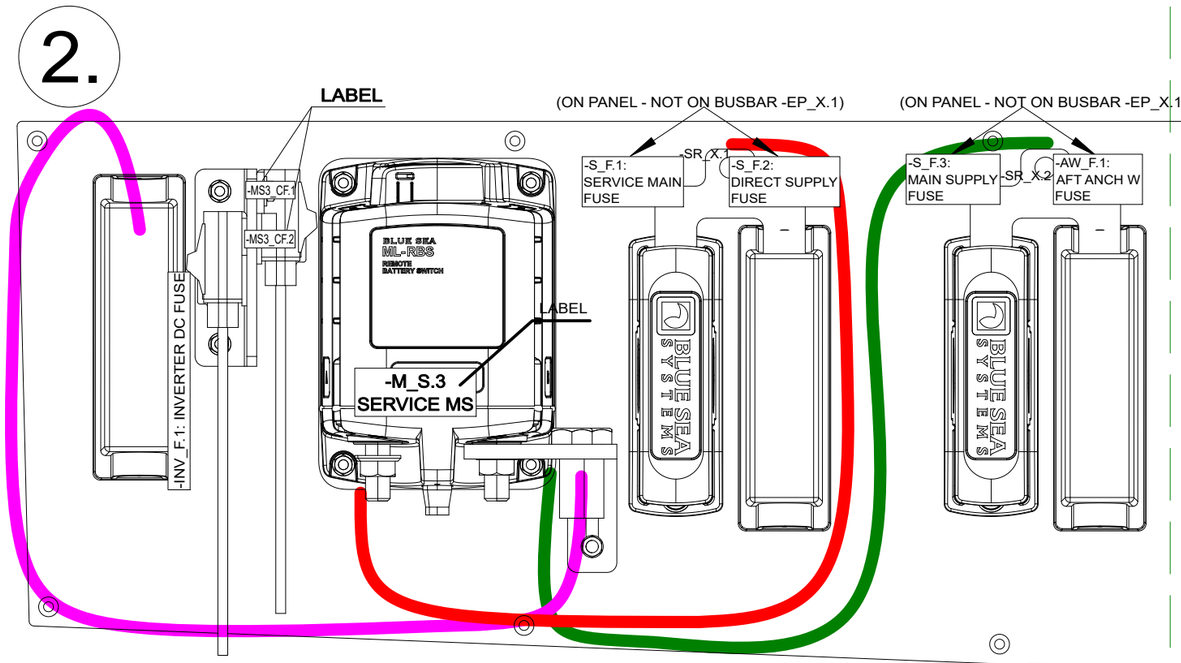
ADD: M10 X 30mm BOLT
M10 WASHER
M10 SPRING WASHER
M10 NUT

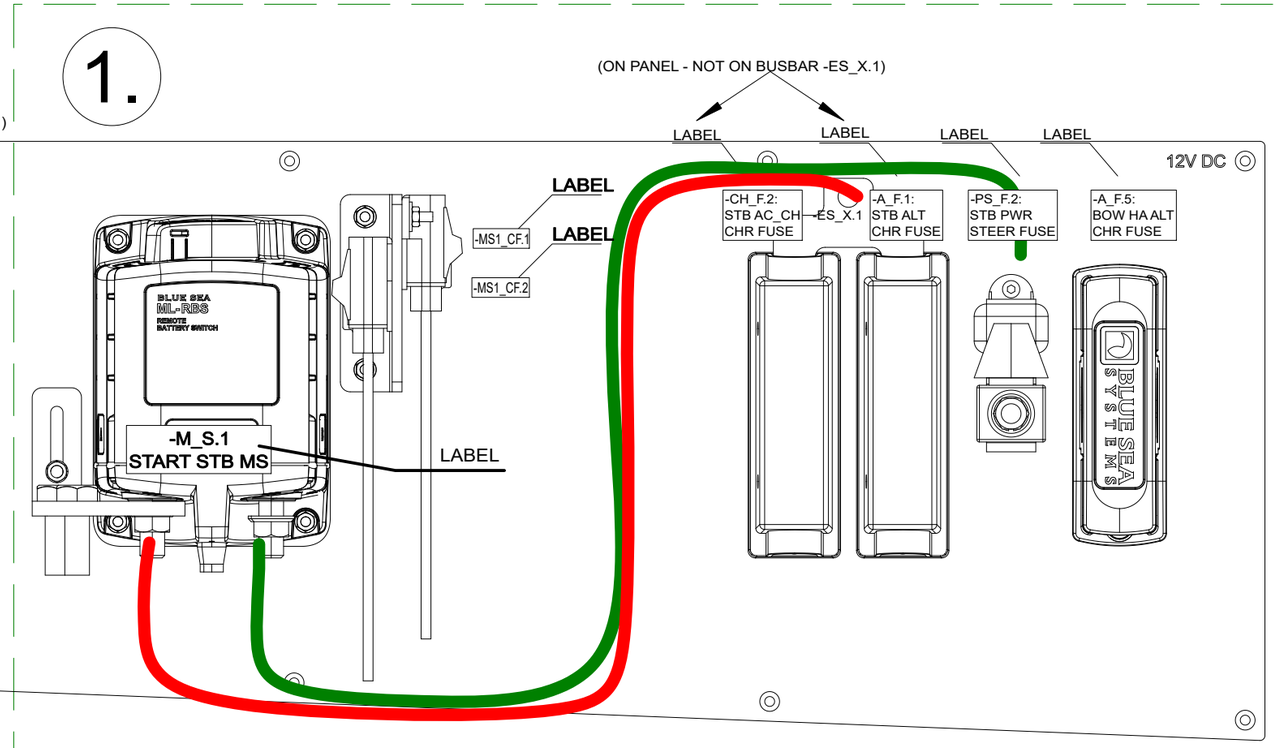
Date of modification	Modified by	Description					
19.4.2024	PF	G11: 2005054; Not modified	Date	3.7.2019	Axopar	SEE EXP VIEW	29613
24.6.2024	PF	G12: 2005139; Inverter cable ->95mm2 and fuse ->300A	Drawing by	TuM	Boat	Sub-product code	Product code
13.10.2023	PF	F11:2004855; A_F.5 holder, A_F.5 ->39903,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

NAVIX designed solutions
Copyright by

Project ID
146 / 210
Sheet

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
FOR EXAMPLE: CABLE SIZE IS 70mm2 --> MARKING AWG2/0.	95 mm2	=	AWG3/0
	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

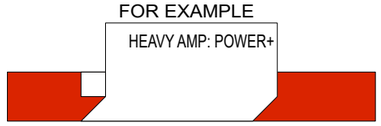
R2 ISO 6722 100V AWG16 +100 C

CABLE

EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

NOTICE! CABLES WITH STICKER

FOR EXAMPLE



Date of modification	Modified by	Description		
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
			Project rev.	G

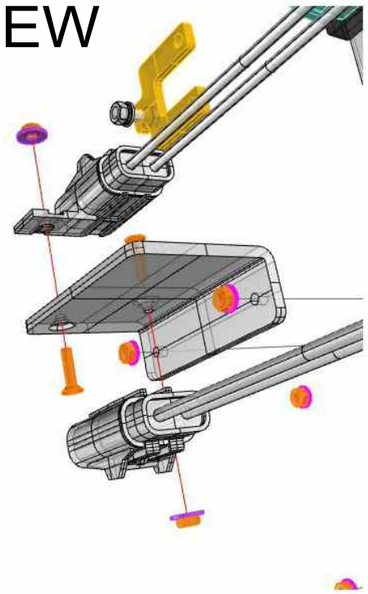
NAVIX designed solutions
Copyright by

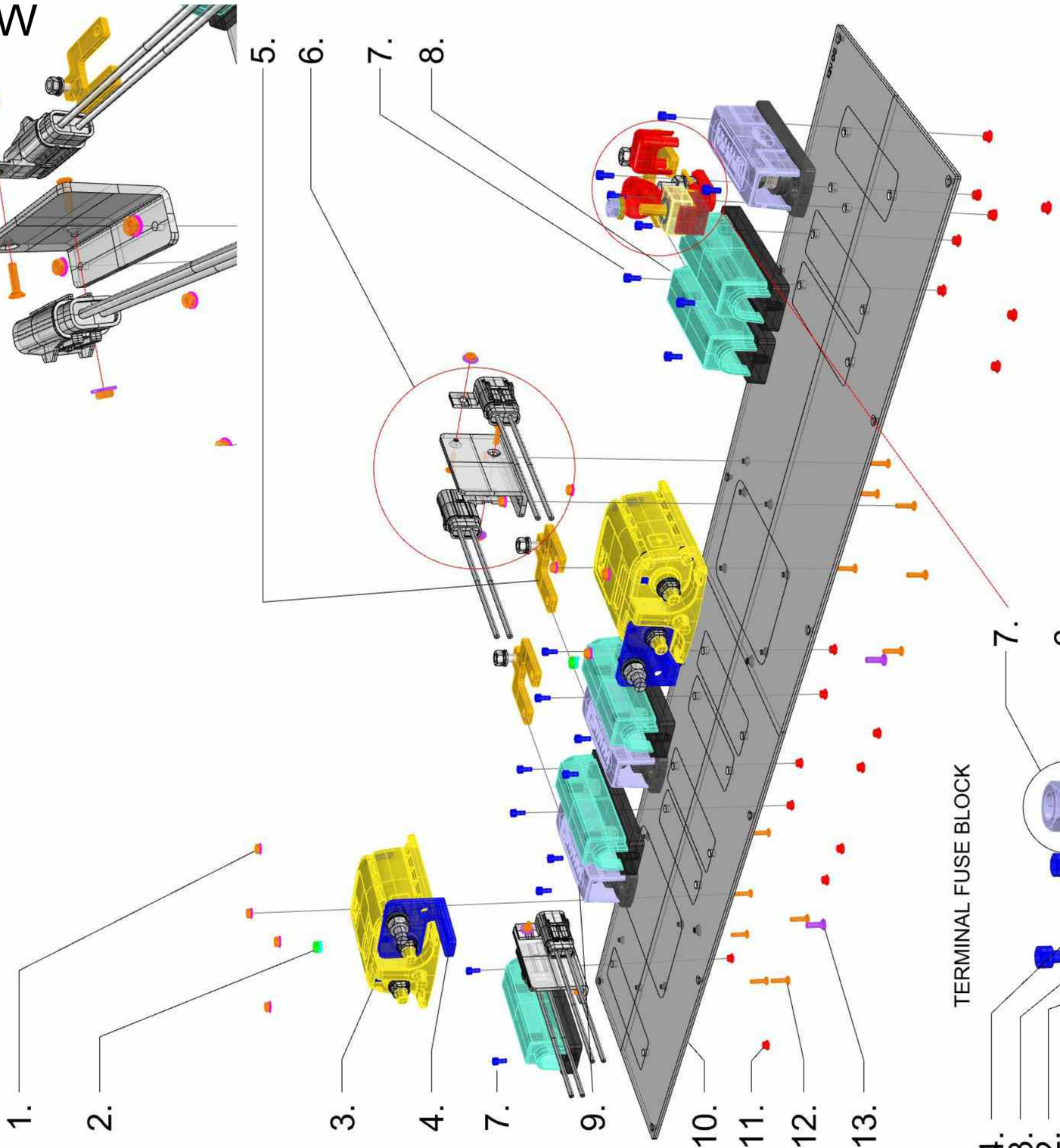
Axopar	SEE EXP VIEW	29613	
Boat	Sub-product code	Product code	Project ID
37 MY20	BATTERY BOX STB PANEL 1	HL	147 / 210
Boat model	Title	Loc	Sheet

EXP VIEW

29613_AXOPAR_37_MY20_BATTERY_BOX_STB_PANEL_1

BRACKET FOR 31516 FUSEHOLDER

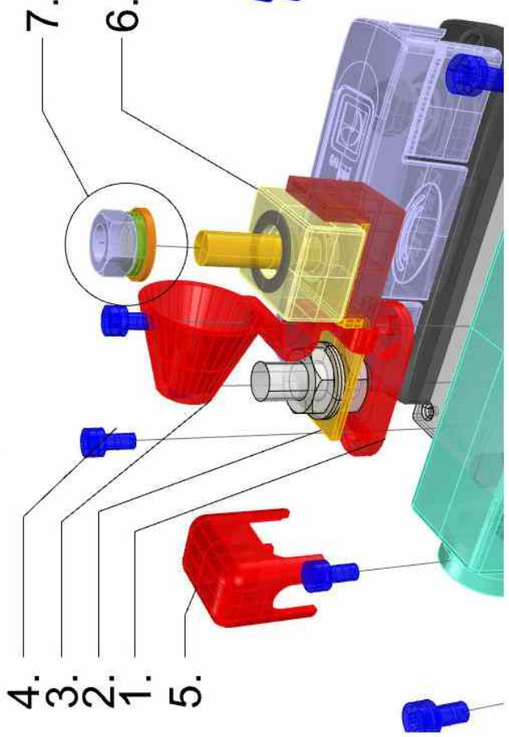




29613_AXOPAR_37_MY20_BATTERY_BOX_STB_PANEL_1

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 PURISTEVÄLIHOLKKI 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



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" "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)

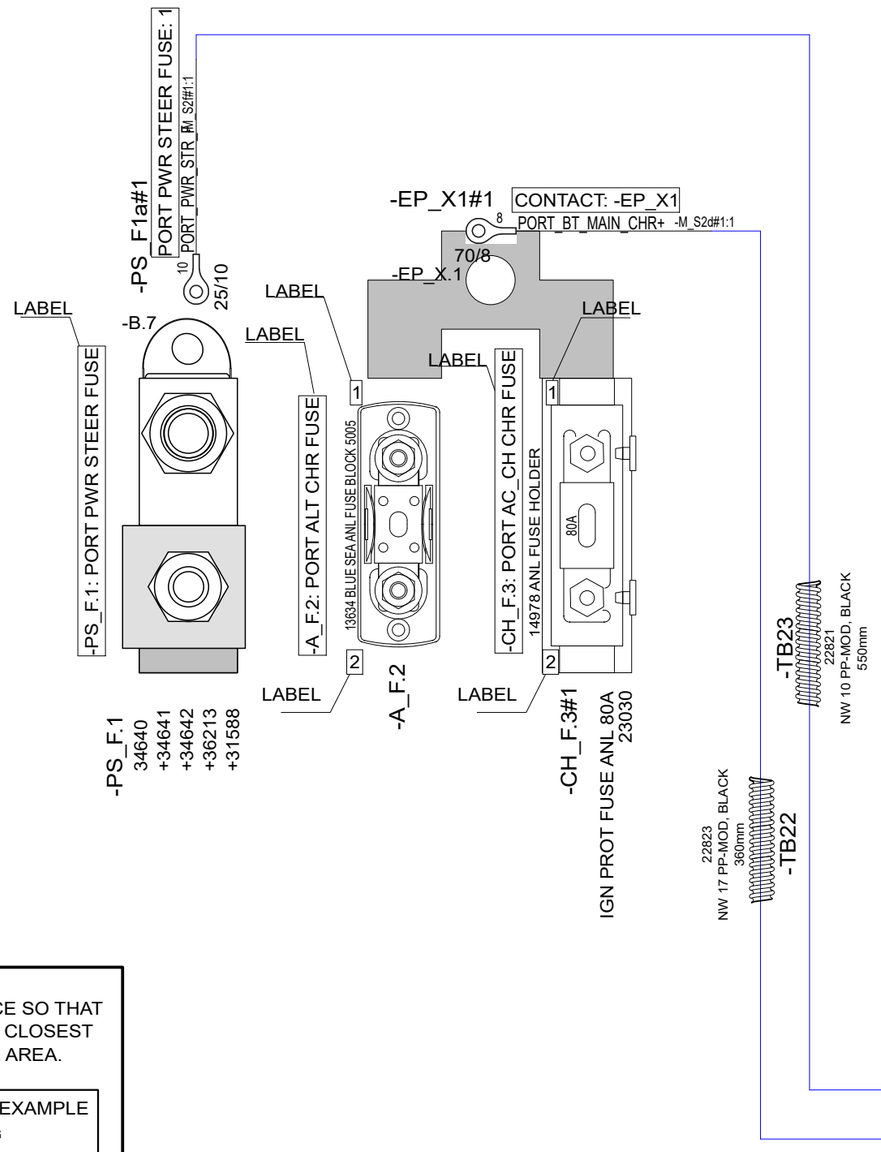
Date of modification	Modified by	Description
19.4.2024	PF	G11: 2005054; Not modified
24.6.2024	PF	G12: 2005139; Inverter cable ->95mm2 and fuse ->300A
13.10.2023	PF	F11:2004855; A_F.5 holder, A_F.5 ->39903, cable sizes, AW_F.1->125A

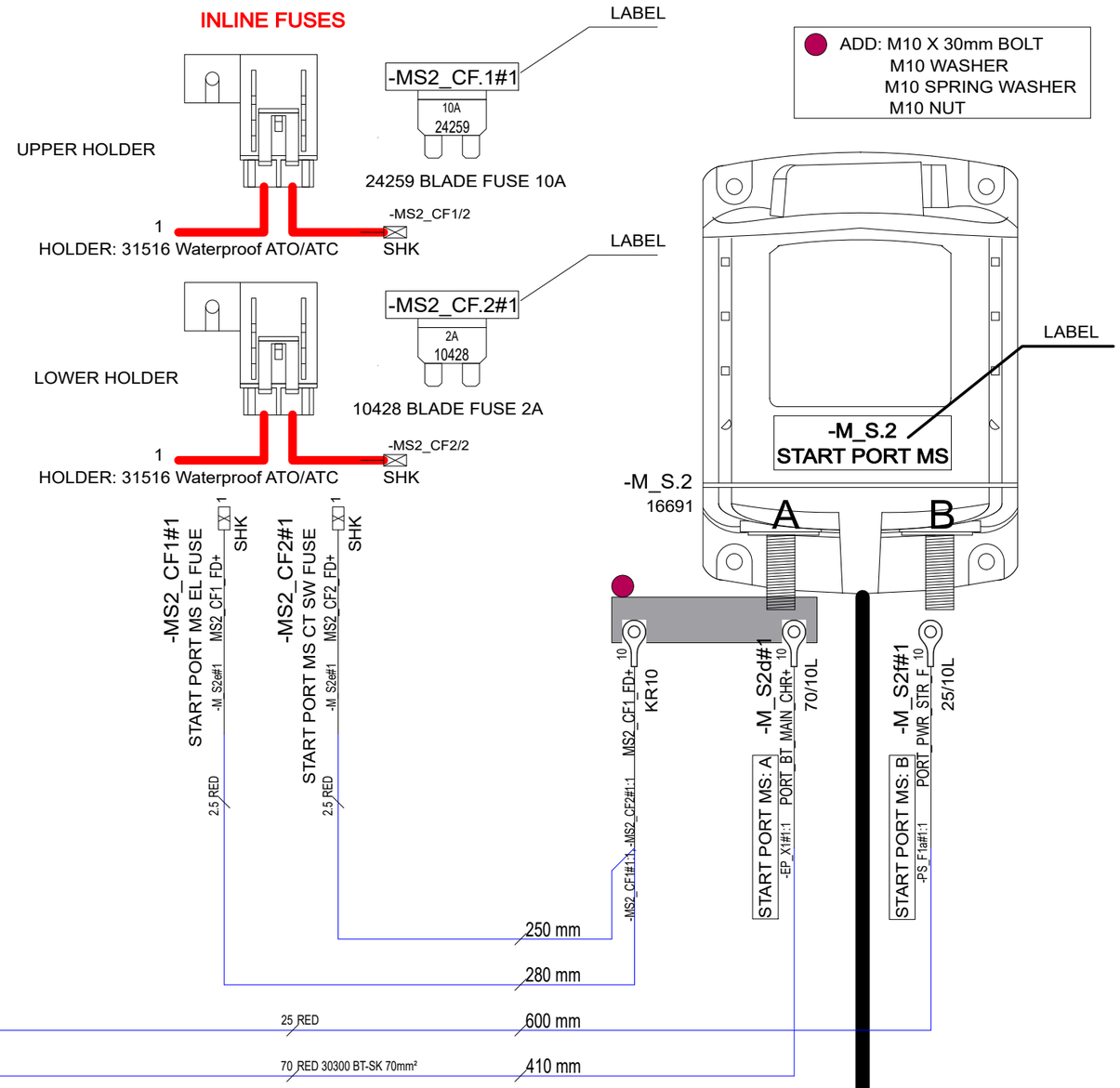
Date	3.7.2019
Drawing by	TuM
Sheet rev.	12
Project rev.	G

Copyright by

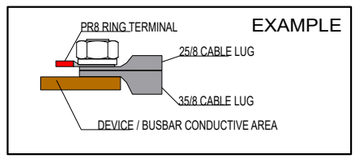
NAVIX designed solutions

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



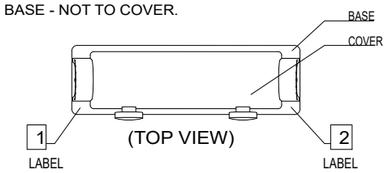


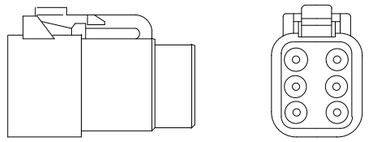
NOTICE!
INSTALL CABLES TO DEVICE SO THAT LARGEST TERMINALS ARE CLOSEST TO DEVICES CONDUCTIVE AREA.



LABEL INSTRUCTIONS

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





INCLUDED TO THE MAIN SWITCH

CONNECTION
TO BATTERY BOX HARNESS

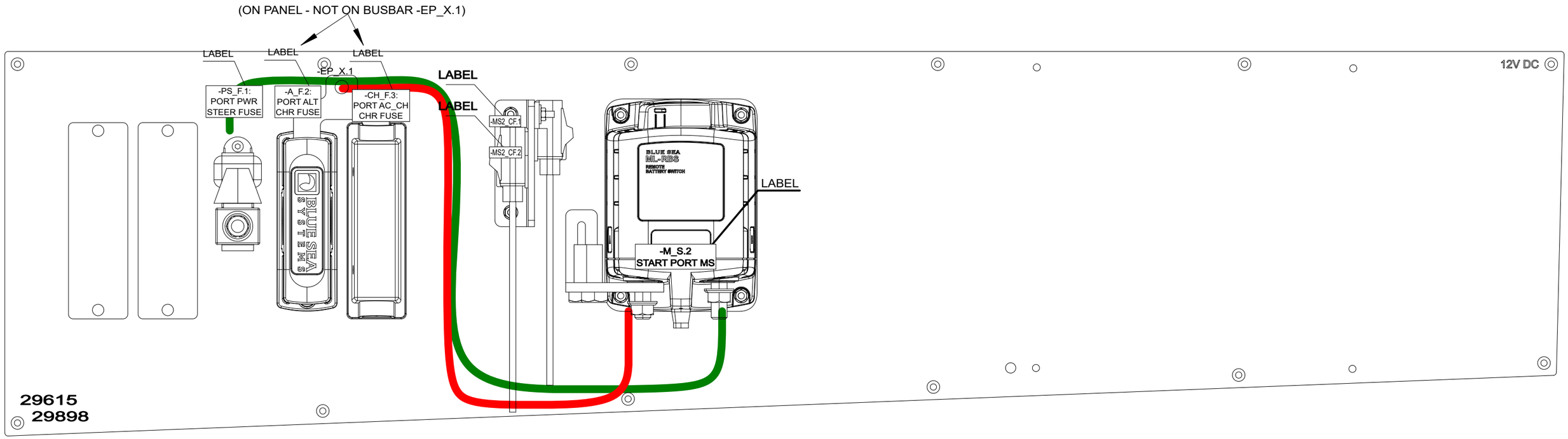
1	INPUT-	-M_S2c	BLACK
2	PT_E_MS_C_RED	-M_S.2	RED
3	PT_E_MS_C_BRN	-M_S2c	BROWN
4	PT_E_MS_C_YEL	-M_S2c	YELLOW
5			
6	PT_E_MS_C_ORG	-M_S2c	ORANGE

DTM06-6S

17.2.2023	RK	F8: FUSE HOLDERS CHANGED TO 31516.	Date	1.7.2019	Axopar	SEE EXP VIEW	29615
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 / Project ID
11.4.2024	PF	G10: 2005054/2005139; Bow ch fuse removed	Sheet rev.	10	37 MY20	BATTERY BOX PORT PANEL 1	HL
Date of modification	Modified by	Description	Project rev.	G	Boat model	Title	Loc / 149 / 210 Sheet

NAVIX designed solutions
Copyright by

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
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
FOR EXAMPLE:	95 mm2	=	AWG3/0
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

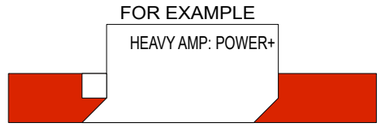
R2 ISO 6722 100V AWG16 +100 C

CABLE

EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

NOTICE! CABLES WITH STICKER

FOR EXAMPLE



Date of modification	Modified by	Description		
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
			Project rev.	G

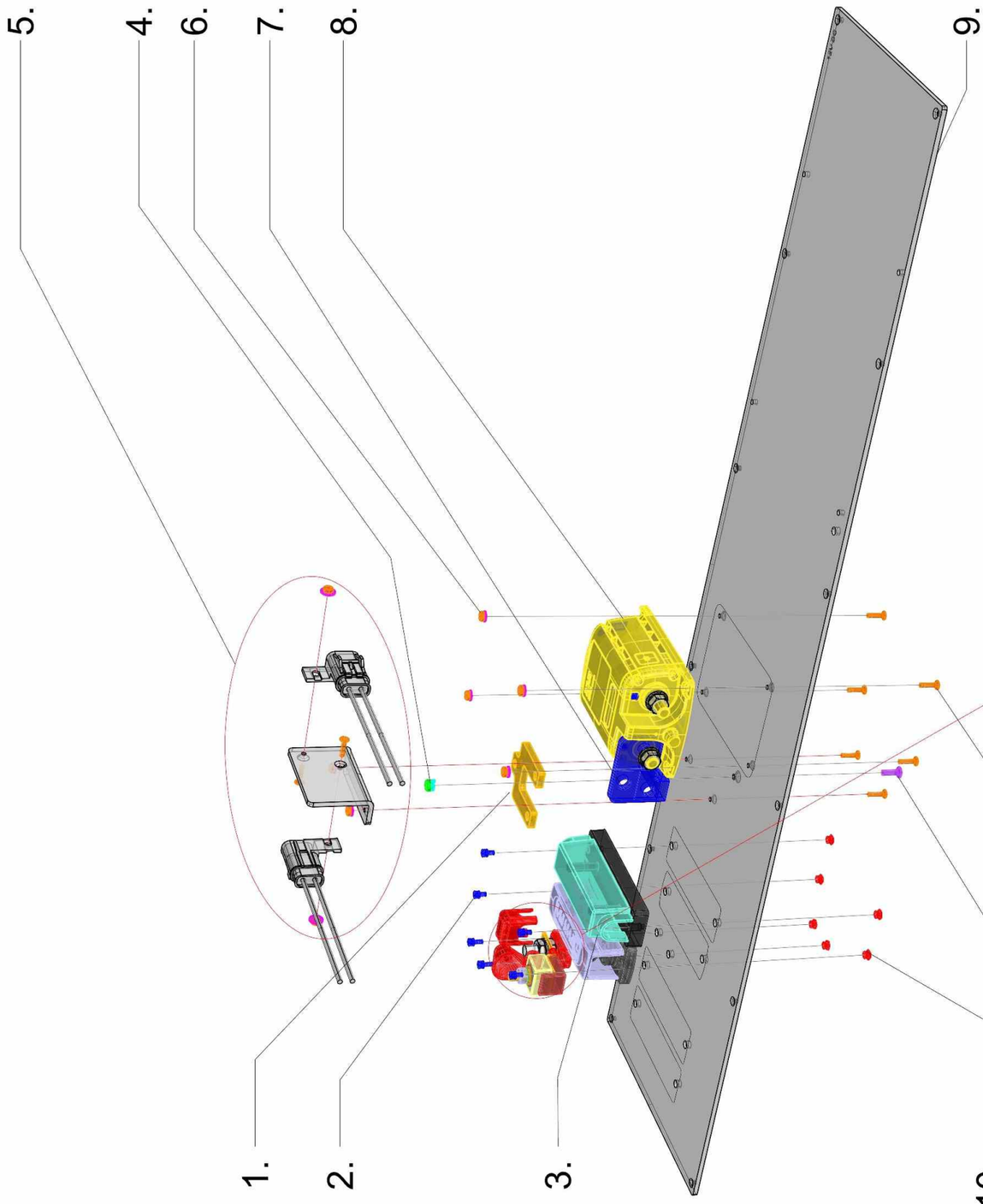
Copyright by

NAVIX designed solutions

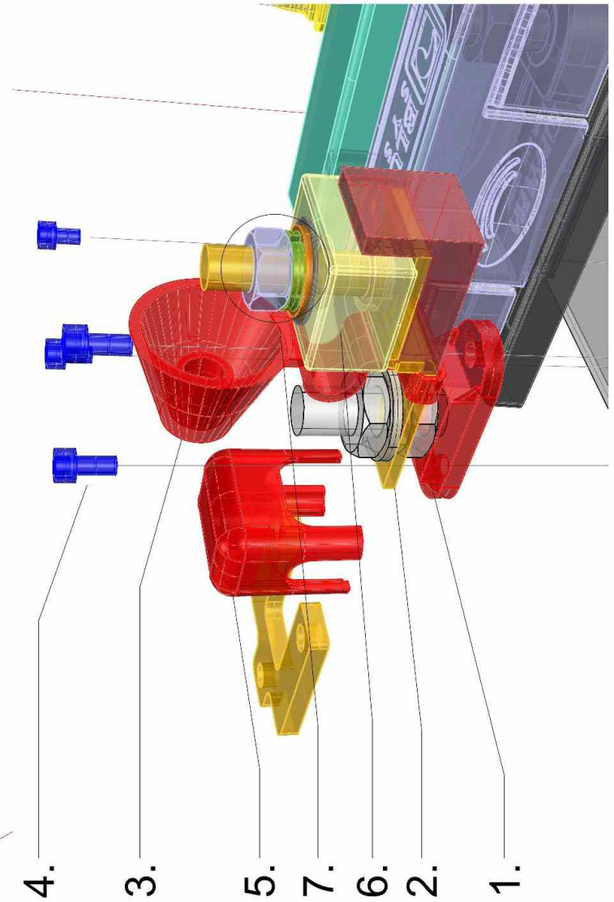
Axopar	SEE EXP VIEW	29615	
Boat	Sub-product code	Product code	Project ID
37 MY20	BATTERY BOX PORT PANEL 1	HL	150 / 210
Boat model	Title	Loc	Sheet

EXP VIEW

29615_AXOPAR_37_MY20_BATTERY_BOX_PORT_PANEL_1



TERMINAL FUSE BLOCK



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
5. 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 PURISTEVÄLIHOLKKI ETSOS M4X4
11. 1 PC VMI31796 COUNTERSUNK HEAD SCREW HEX SOCKET M5X16 DIN7991
12. 6 PCS VMI30917 COUNTERSUNK HEAD SCREW HEX SOCKET M4X16 DIN7991

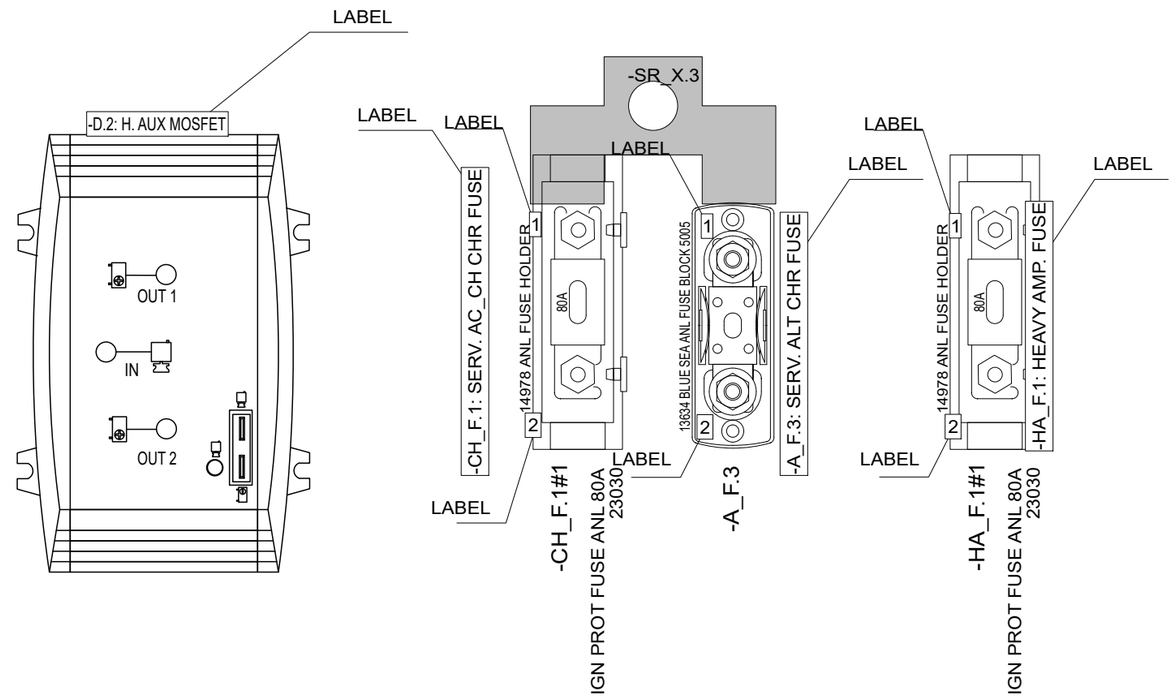
TERMINAL FUSE BLOCK - as in diagram
1. 1pc 36213 POWER DISTRIBUTION STUD IS-10mm-1R
2. 1pc 34642 CFBAR1-250SP SINGLE STUD
3. 1pc 34641 -B.6 CFCOVER-1R SINGLE STUD/RED
4. 2pcs VMI30942 HEX SOCKET HEAD CAP SCREW M4X8 DIN912
5. 1pc 31588 INSULATED COVER POSITIVE RED ISC-10R
6. 1pc 34640 -PS_F.6 CUBE FUSE MRFB-080 80A
7. 1pc VMI36860 HEX NUT 1/4" "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

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

Date	1.7.2019
Drawing by	TuM
Sheet rev.	10
Project rev.	G

NAVIX designed solutions
Copyright by

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



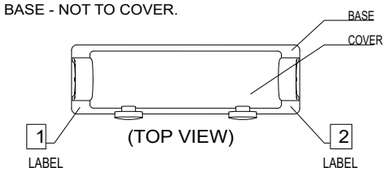
-D.2

38906
Battery Isolator 180A
1 input- 2 outputs
WHISPER WBI 180-
IG 2 OUTPUTS

H. AUX 180A MOSFET 1-2

LABEL INSTRUCTIONS

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



Date of modification	Modified by	Description
13.10.2023	PF	F5: 2004855; A_F.3 holder -> Bluesea, fuse moved to 39902, D.2
15.4.2024	PF	G6: 2005054; Updated panel, attachment for stern thruster equipment
17.2.2023	RK	F4: NOT MODIFIED.

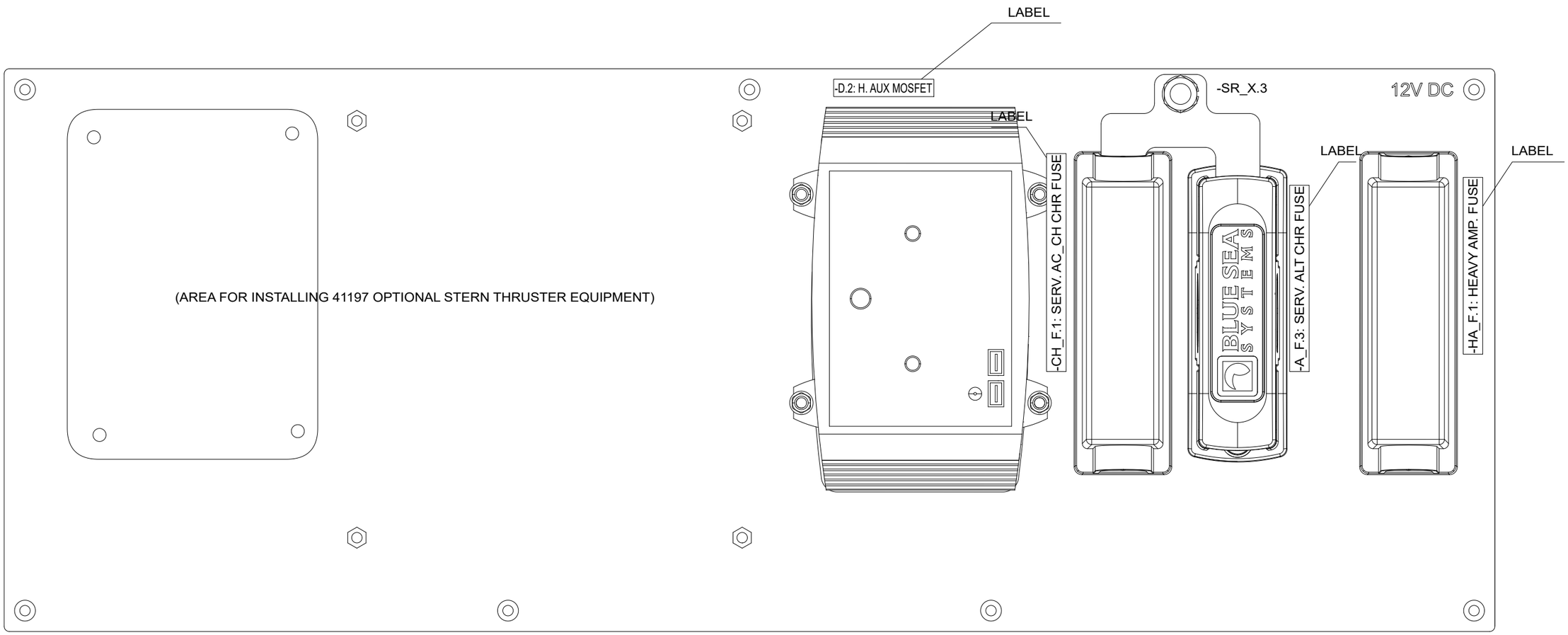
Date	1.7.2019
Drawing by	TuM
Sheet rev.	6
Project rev.	G

NAVIX designed solutions

Copyright by

Axopar	SEE EXP VIEW	29617	
Boat	Sub-product code	Product code	Project ID
37 MY20	BATTERY BOX FWD WALL PANEL	HL	152 / 210
Boat model	Title	Loc	Sheet

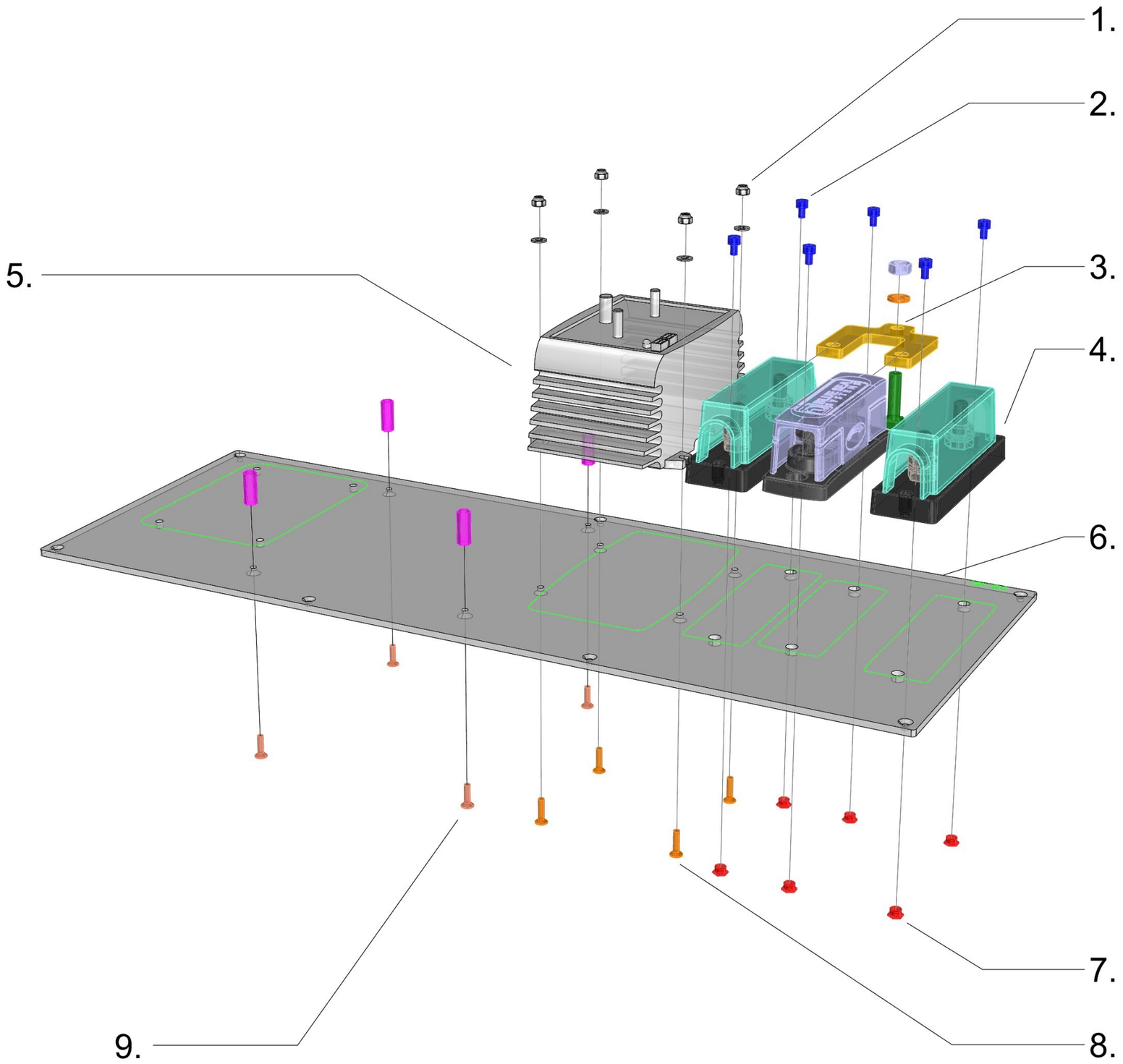
GENERAL LAYOUT/ LABELS



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

29617_AXOPAR_37_MY20_BATTERY_BOX_FWD_WALL_PANEL

EXP VIEW



29617_AXOPAR_37_MY20_BATTERY_BOX_FWD_WALL_PANEL

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_PANEL_(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)

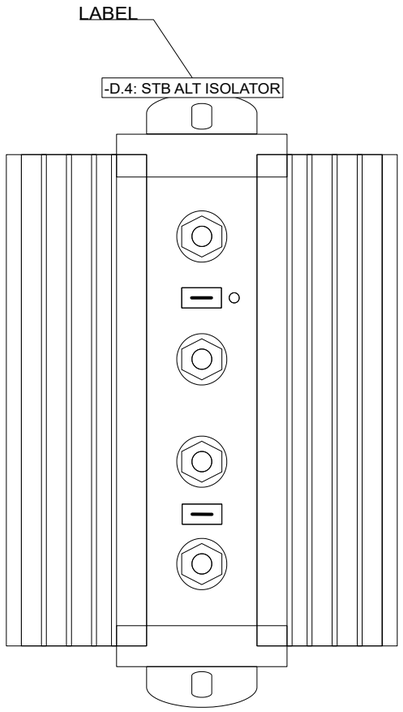
Date of modification	Modified by	Description
13.10.2023	PF	F5: 2004855; A_F.3 holder -> Bluesea, fuse moved to 39902, D.2
15.4.2024	PF	G6: 2005054; Updated panel, attachment for stern thruster equipment
17.2.2023	RK	F4: NOT MODIFIED.

Date	1.7.2019
Drawing by	TuM
Sheet rev.	6
Project rev.	G

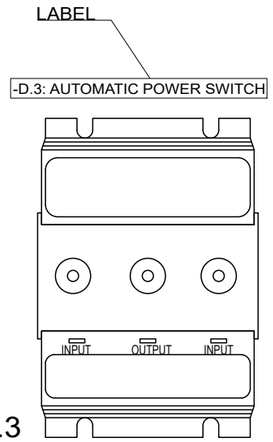
Copyright by

NAVIX designed solutions

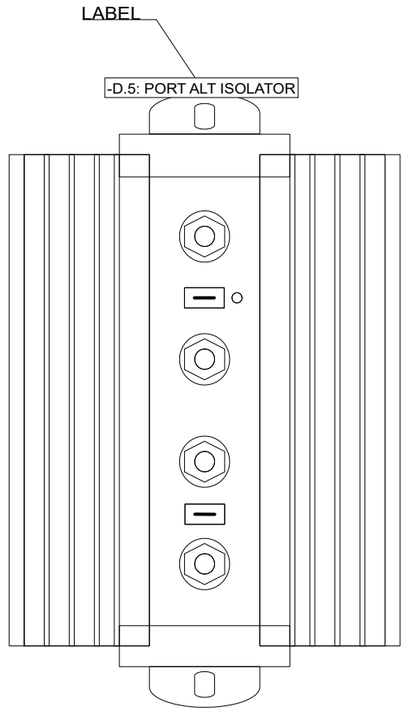
Axopar (Boat)	SEE EXP VIEW (Sub-product code)	29617 (Product code)	Project ID
37 MY20 (Boat model)	BATTERY BOX FWD WALL PANEL (Title)	HL (Loc)	154 / 210 (Sheet)



-D.4
38826
BatteryMate 2503 IG
Isolator 3-output 200A



-D.3
23655
Battery Combiner 80A, 2 batteries
Victron BCD 802



-D.5
38826
BatteryMate 2503 IG
Isolator 3-output 200A

Date of modification	Modified by	Description					
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
13.10.2023	PF	F5: 2004855; V10 update - isolators changed to Mastervolt	Sheet rev.	5	37 MY20	BATTERY BOX AFT WALL PANEL	HL
			Project rev.	G	Boat model	Title	Loc

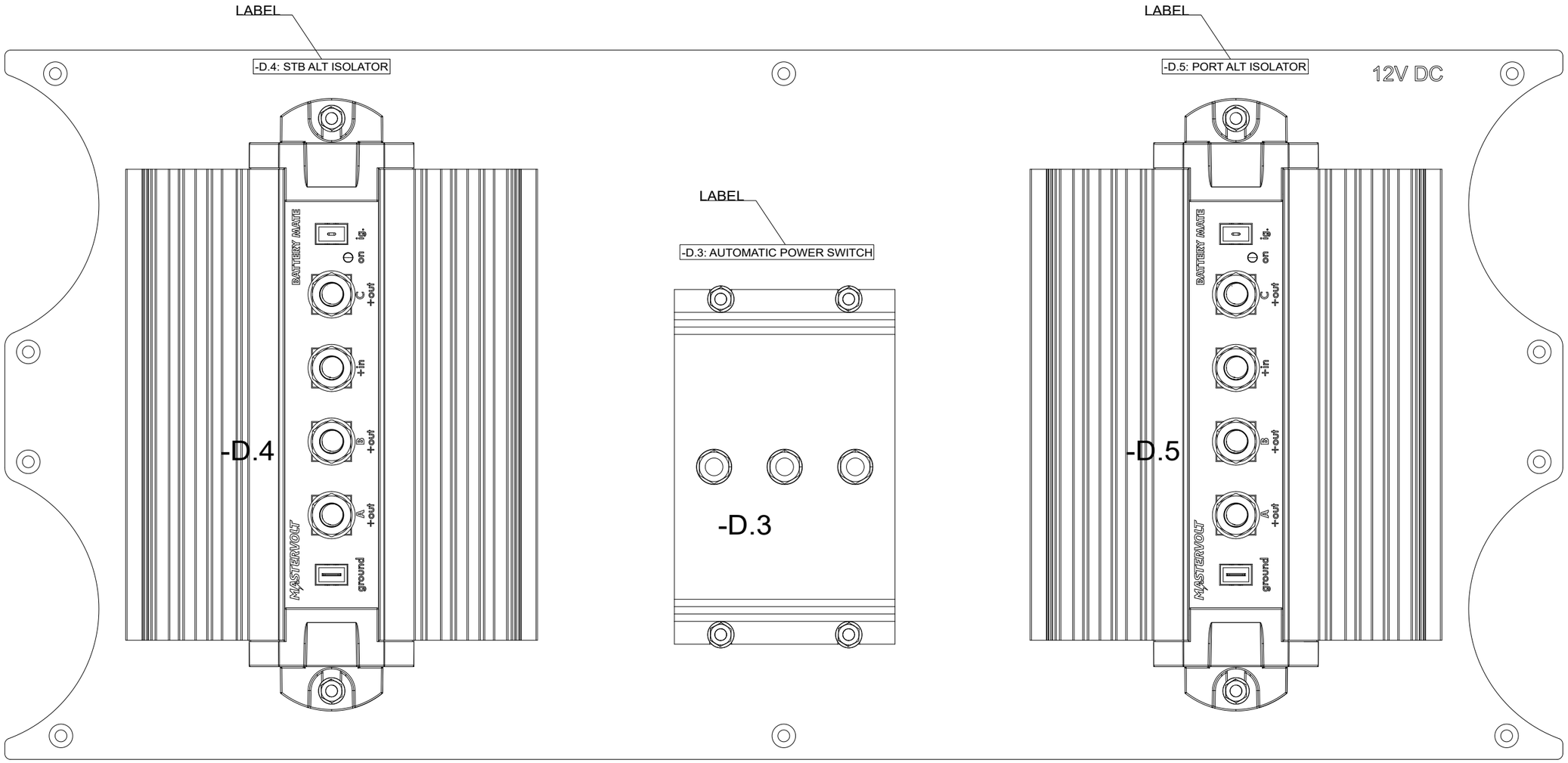
NAVIX designed solutions

Copyright by

Project ID

155 / 210
Sheet

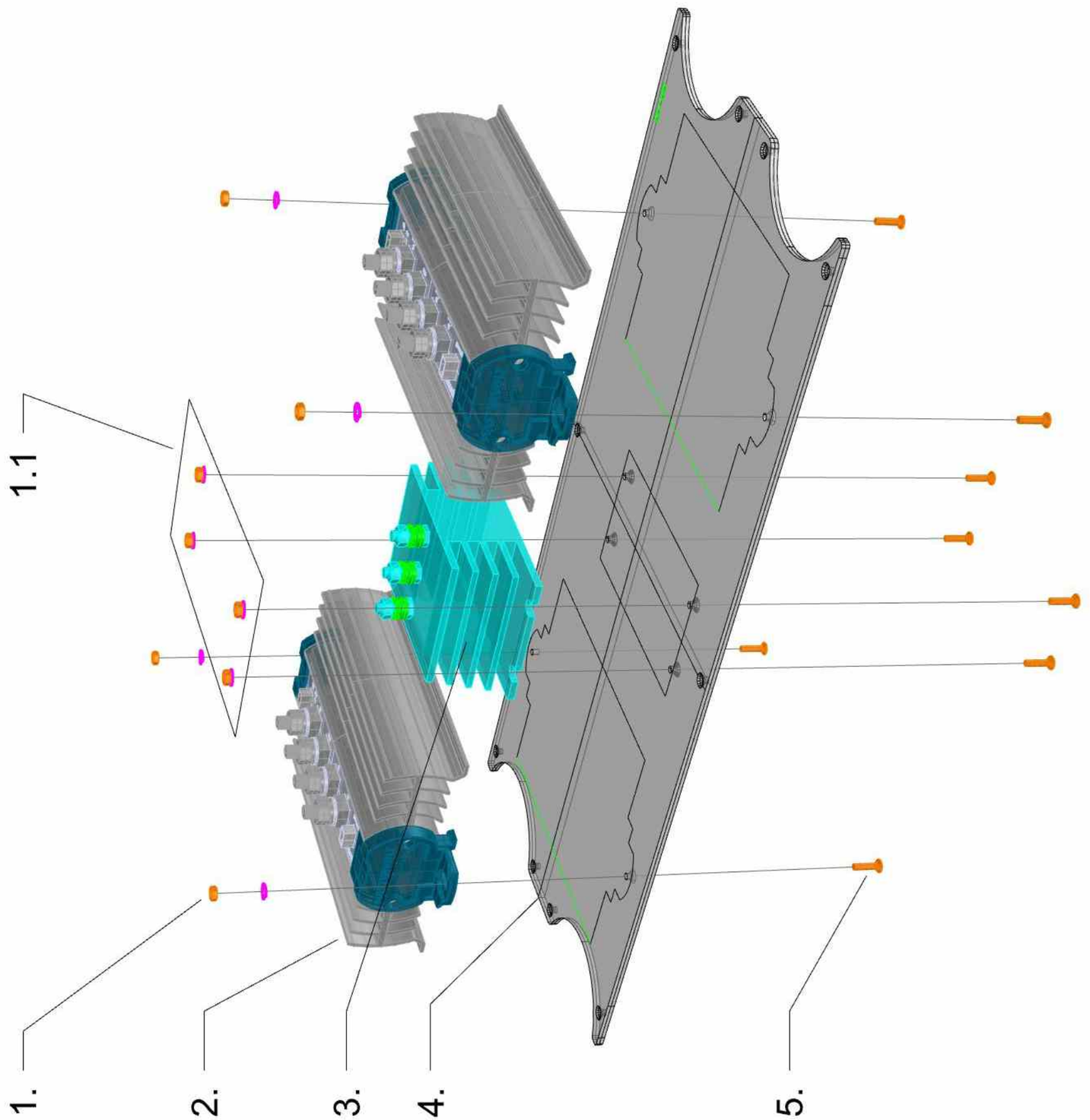
GENERAL LAYOUT/ LABELS



19.4.2024	PF	G5: 2005054; Not modified	Date	27.6.2019	NAVIX designed solutions	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 AFT WALL PANEL	HL	156 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

EXP VIEW

29618_AXOPAR_37_MY20_BATTERY_BOX_AFT_WALL_PANEL



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 (Project 2004855)

Date of modification	Modified by	Description
19.4.2024	PF	G5: 2005054; Not modified
17.2.2023	RK	F4: NOT MODIFIED.
13.10.2023	PF	F5: 2004855; V10 update - isolators changed to Mastervolt

Date	27.6.2019
Drawing by	TuM
Sheet rev.	5
Project rev.	G

NAVIX designed solutions

Copyright by

Axopar	SEE EXP. VIEW	29618	Project ID
Boat	Sub-product code	Product code	
37 MY20	BATTERY BOX AFT WALL PANEL	HL	157 / 210
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.

CONNECTION
TO HULL HARNESS

-B_X.1a
DT06-4S
14050
+ W4S
14049

-B_X.1a#1
DT06-4S
1 SB_E_MS_C_YEL -B_X.3:4 1.5 WHITE/YELLOW
2 SB_E_MS_C_RED -MS1_CF2:2 1.5 WHITE/RED
3 SB_E_MS_C_BRN -B_X.3:3 1.5 WHITE/BROWN
4 SB_E_MS_C_ORG -B_X.3:6 1.5 ORANGE
200 mm

-B_X.1b
DT06-4S
14050
+ W4S
14049

-B_X.1b#1
DT06-4S
1 PT_E_MS_C_YEL -B_X.4:4 1.5 WHITE/YELLOW
2 PT_E_MS_C_RED -MS2_CF2:2 1.5 WHITE/RED
3 PT_E_MS_C_BRN -B_X.4:3 1.5 WHITE/BROWN
4 PT_E_MS_C_ORG -B_X.4:6 1.5 ORANGE
200 mm
100 mm
27041 NW 7,5
PP-MOD

-B_X.1c
DT06-4S
14050
+ W4S
14049

-B_X.1c#1
DT06-4S
1 SERV_MS_C_YEL -B_X.2:4 1.5 WHITE/YELLOW
2 SERV_MS_C_RED -MS3_CF2:2 1.5 WHITE/RED
3 SERV_MS_C_BRN -B_X.2:3 1.5 WHITE/BROWN
4 SERV_MS_C_ORG -B_X.2:6 1.5 ORANGE
200 mm
100 mm
27041 NW 7,5
PP-MOD

-B_X.1d
DT04-3P
18609
+ W3P
18610

-B_X.1d#1
DT04-3P
1 INPUT- -B2m:1 2.5 BLACK
2 INPUT- -B2o:1 2.5 BLACK
3 ISOL_IGN -D4f:1 2.5 RED
200 mm

-B_X.1e
DTP04-2P-C015
18516
+ WP-2P
18520

-B_X.1e#1
DTP04-2P-C015
1 INPUT- -B2r:1 6 BLACK
2 INPUT- -B2n:1 6 BLACK

-B2d#1 MAIN DC NEG. POINT STB
ERF2-10 10 INPUT- -B_X.2:1, -X.MS5:1 1.5 BLACK 200 mm
-B2e#1
10024HQ 10 INPUT- -B_X.3:1, -D4e:1 2.5 BLACK 200 mm
-B2f#1
10024HQ 10 INPUT- -B_X.4:1, -D5e:1 2.5 BLACK 200 mm
-B2k#1
ERF2-10 10 INPUT- -D2e:1 2.5 BLACK 200 mm
-B2m#1
ERF2-10 10 INPUT- -B_X.1d:1 2.5 BLACK 200 mm
-B2n#1
10024HQ 10 INPUT- -B_X.1e:2 6 BLACK 200 mm
-B2o#1
10024HQ 10 INPUT- -B_X.1d:2 2.5 BLACK 200 mm
-B2r#1
10024HQ 10 INPUT- -B_X.1e:1 6 BLACK 200 mm

14050
+ W4S
14049
+10930900
-B_X.1f
DT06-4S

-B_X.1f#1
DT06-4S
1 -X.MS5:4 B_HA_MS_C_YEL
2 -X.MS5:3 B_HA_MS_C_BRN
3 -X.MS5:6 B_HA_MS_C_ORG
4

200 mm
100 mm
27041 NW 7,5
PP-MOD
100 mm
50 mm
22823 NW 17
PP-MOD

-MS5_CF1#1
-X.MS5:2 A_HA_MS_C_RED

-X.MS5#1
INPUT- -B2d:1
-MS5_CF1:2 A_HA_MS_C_RED
-B_X.1f:2 B_HA_MS_C_BRN
-B_X.1f:1 B_HA_MS_C_YEL
-B_X.1f:3 B_HA_MS_C_ORG

DTM04-6P
33003
+ 6P WEDGELOCK
33004
+ S. PLUG #20 RED
25957
-X.MS5
DTM04-6P

300 mm
1000 mm
300 mm
450 mm
450 mm
22821 NW 10
PP-MOD
600 mm
100 mm
550 mm
450 mm
22823 NW 17
PP-MOD

STB ALT ISOL: NEG -D4e#1
2.5 BLACK -B2e:1 INPUT- 1
4422.02

STB ALT ISOL: IGN -D4f#1
2.5 RED -D5f:1, -B_X.1d:3 ISOL_IGN 1
4425.02

CONNECTION
TO PORT PANEL 1

-MS2_CF1#1
1.5 WHITE/RED -B_X.4:2 PT_E_MS_C_RED X 2

-MS2_CF2#1
1.5 WHITE/RED -B_X.1b:2 PT_E_MS_C_RED X 2

CONNECTION
TO PORT PANEL 1

-B_X.4#1
1.5 BLACK -B2f:1 INPUT- 1
1.5 WHITE/RED -MS2_CF1:2 PT_E_MS_C_RED 2
1.5 WHITE/BROWN -B_X.1b:3 PT_E_MS_C_BRN 3
1.5 WHITE/YELLOW -B_X.1b:1 PT_E_MS_C_YEL 4
1.5 ORANGE -B_X.1b:4 PT_E_MS_C_ORG 5 6
DTM04-6P

-B_X.4
DTM04-6P
33003
+ 6P WEDGELOCK
33004
+ S. PLUG #20 RED
25957

200 mm
200 mm
22821 NW 10
PP-MOD
350 mm
350 mm
22821 NW 10
PP-MOD
550 mm
250 mm

STB ALT ISOL: NEG -D5e#1
2.5 BLACK -B2f:1 INPUT- 1
4422.02

STB ALT ISOL: IGN -D5f#1
2.5 RED -D4f:1 ISOL_IGN 1
4425.02

CONNECTION
TO STB PANEL 2

-MS3_CF1#1
1.5 WHITE/RED -B_X.2:2 SERV_MS_C_RED X 2

-MS3_CF2#1
1.5 WHITE/RED -B_X.1c:2 SERV_MS_C_RED X 2

300 mm
200 mm
21693 NW 4,5 PP-MOD

CONNECTION
TO STB PANEL 2

-B_X.2#1
1.5 BLACK -B2d:1 INPUT- 1
1.5 WHITE/RED -MS3_CF1:2 SERV_MS_C_RED 2
1.5 WHITE/BROWN -B_X.1c:3 SERV_MS_C_BRN 3
1.5 WHITE/YELLOW -B_X.1c:1 SERV_MS_C_YEL 4
1.5 ORANGE -B_X.1c:4 SERV_MS_C_ORG 5 6
DTM04-6P

-B_X.2
DTM04-6P
33003
+ 6P WEDGELOCK
33004
+ S. PLUG #20 RED
25957

500 mm
400 mm
21693 NW 4,5
PP-MOD
2.5 BLACK -B2k:1 INPUT- 1

HA A. MOSFET: NEG -D2e#1
4422.02

100 mm

CONNECTION
TO STB PANEL 1

-B_X.3#1
1.5 BLACK -B2e:1 INPUT- 1
1.5 WHITE/RED -MS1_CF1:2 MS_EL_FD_ST_SB+ 2
1.5 WHITE/BROWN -B_X.1a:3 SB_E_MS_C_BRN 3
1.5 WHITE/YELLOW -B_X.1a:1 SB_E_MS_C_YEL 4
1.5 ORANGE -B_X.1a:4 SB_E_MS_C_ORG 5 6
DTM04-6P

-B_X.3
DTM04-6P
33003
+ 6P WEDGELOCK
33004
+ S. PLUG #20 RED
25957

CONNECTION
TO STB PANEL 1

-MS1_CF1#1
1.5 WHITE/RED -B_X.3:2 MS_EL_FD_ST_SB+ X 2

-MS1_CF2#1
1.5 WHITE/RED -B_X.1a:2 SB_E_MS_C_RED X 2

300 mm
200 mm
21693 NW 4,5 PP-MOD

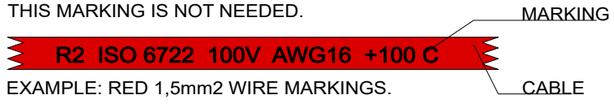
SPLIT TUBE IF NECESSARY

TAPE SPLITTED TUBE EVERY 200 mm
200 mm

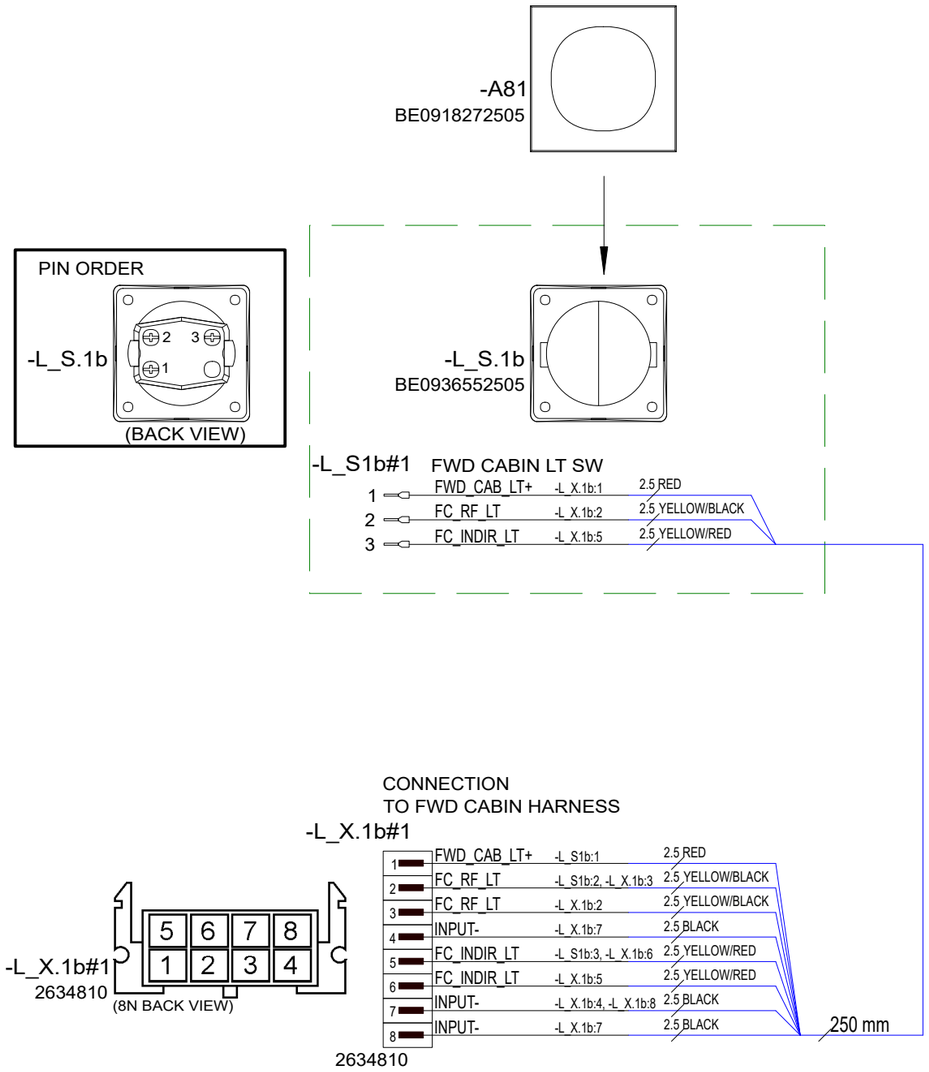
12.4.2024	PF	G8: 2005054; B_X1f & -X.MS5 added	Date	8.7.2019	NAVIX designed solutions	Axopar		29620
22.9.2021	VV	E6: NOT MODIFIED / REVISION RETURNED TO REV. E.	Drawing by	TuM		Boat	Sub-product code	Product code / Project ID
17.2.2023	RK	F7: LENGTH MODIFICATIONS.	Sheet rev.	8		37 MY20	BATTERY BOX HARNESS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

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

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



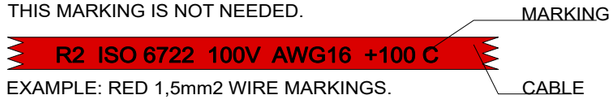
EXAMPLE: RED 1,5mm2 WIRE MARKINGS.



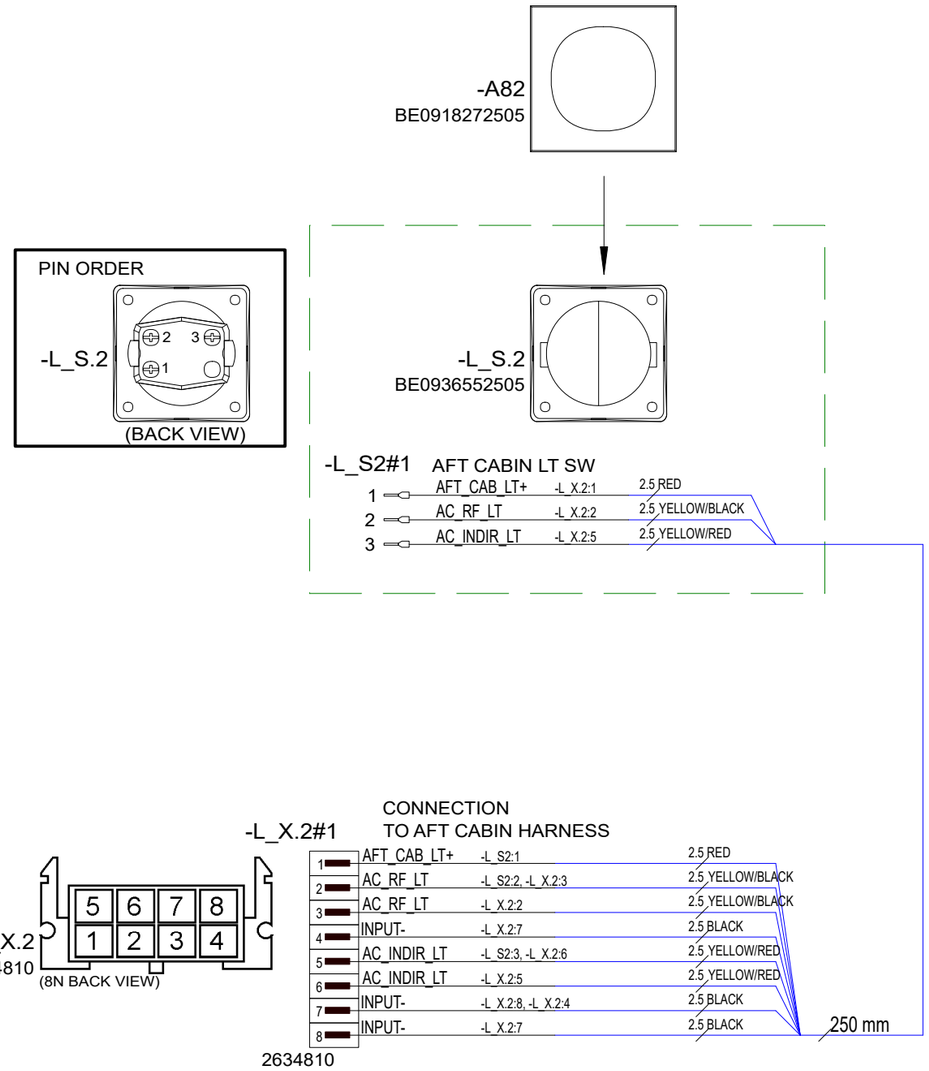
4.4.2024	PF	G6: 2005054; Modified as option for light pack switch	Date	22.5.2019	NAVIX designed solutions	Axopar		29635	
22.9.2021	VV	E5: NOT MODIFIED / REVISION RETURNED TO REV. E.	Drawing by	TuM					
17.2.2023	RK	F5: NOT MODIFIED.	Sheet rev.	6		37 MY20	FWD CABIN LIGHT SWITCH	HL	159 / 210
Date of modification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



EXAMPLE: RED 1,5mm2 WIRE MARKINGS.



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

NOTICE! CABLES WITH STICKER

FOR EXAMPLE

POINT -A-

CONNECTION
TO FUSE UNIT

-X2g#1

2.5 GREY -ISM_A1a ISM_RECEIVER 1
2.5 GREY -ISM_A1a ISM_IGN 2
2.5 GREY -ISM_A2a:+ ISM_REL_UNIT 3
4
2635410

1100 mm
1000 mm
27041 NW 7,5
PP-MOD

4 3
2 1
(4U BACK VIEW)

-X2g
2635410

-ISM_A2a#1 ISM RELAY BOX: PWR

\+ ISM_REL_UNIT -X2g:3 2.5 GREY
\- INPUT- -XG1b-14:1 2.5 BLACK

100 mm

-ISM_A2b#1
DT04-2P
16461
+WEDGELOCK: W2P
16467

-ISM_A2b#1 ISM RELAY BOX: STB TRIM

1 STB_TRIM+ -TR_X.1:1 2.5 RED
2 STB_TRIM- -TR_X.1:2 2.5 BLACK
DT04-2P

100 mm

-ISM_A2c#1
DT04-2P
16461
+WEDGELOCK: W2P
16467

-ISM_A2c#1 ISM RELAY BOX: PORT TRIM

1 PORT_TRIM+ -TR_X.2:1 2.5 RED
2 PORT_TRIM- -TR_X.2:2 2.5 BLACK
DT04-2P

100 mm

-ISM_A1a#1 ISM RECEIVER: PWR

ISM_RECEIVER -X2g:1 2.5 GREY
ISM_IGN -X2g:2 2.5 GREY
INPUT- -XG1a-15:1 2.5 BLACK

100 mm

-ISM_A1b#1 ISM BOW TH C SW FEED

ISM_BOW_TH_C -X7d:1 1.5 WHITE/BLACK
ISM_B_TH_SW_L+ -X7d:2 1.5 WHITE

100 mm

-ISM_A1c#1 ISM NEUTRAL SAFE. SW

ISM_CTRL -ISM_A3 1.5 WHITE/GREEN

100 mm

LABEL:
OPTIONAL ISM SYSTEM
CONNECTIONS

900 mm
900 mm
22822 NW 13
PP-MOD

900 mm
900 mm
22821 NW 10
PP-MOD

900 mm
900 mm
22820 NW 8,5
PP-MOD

LABEL:
TRIM: ALTERNATIVE
OPTION, ISM-SYSTEM
CONNECTIONS

ISM TRIM IGN. -ISM_A3#1

100 mm 1.5 WHITE/GREEN -ISM_A1c ISM_CTRL

ISM CONTACT: STB TRIM -TR_X.1#1

100 mm 2.5 RED -ISM_A2b:1 STB_TRIM+ 1
2.5 BLACK -ISM_A2b:2 STB_TRIM- 2
DT04-2P

-TR_X.1#1
DT04-2P
16461
+WEDGELOCK: W2P
16467

ISM CONTACT: PORT TRIM -TR_X.2#1

100 mm 2.5 RED -ISM_A2c:1 PORT_TRIM+ 1
2.5 BLACK -ISM_A2c:2 PORT_TRIM- 2
DT04-2P

-TR_X.2#1
DT04-2P
16461
+WEDGELOCK: W2P
16467

-X7d#1

400 mm
300 mm
21693 NW 4,5
PP-MOD

1.5 WHITE/BLACK -ISM_A1b ISM_BOW_TH_C 1
1.5 WHITE -ISM_A1b ISM_B_TH_SW_L+ 2

-X7d#1
2637810

2
1
(2UT BACK VIEW)

CONNECTED TO THE
-XG.1A

-XG1a-15#1 4 INPUT- -ISM_A1a 2.5 BLACK 150 mm

CONNECTED TO THE
-XG.1b

-XG1b-14#1 HULL H. INPUT-

4 INPUT- -ISM_A2a:- 2.5 BLACK 150 mm

1000 mm
1000 mm
27041 NW 7,5
PP-MOD

SPLIT TUBE IF NECESSARY

TAPE SPLITTED TUBE EVERY 200 mm

200 mm

17.2.2023	RK	F3: NOT MODIFIED.	Date	25.9.2019	NAVIX designed solutions	Axopar		30735	
12.4.2024	PF	G3: 2005054; Not modified	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
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	Copyright by	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.

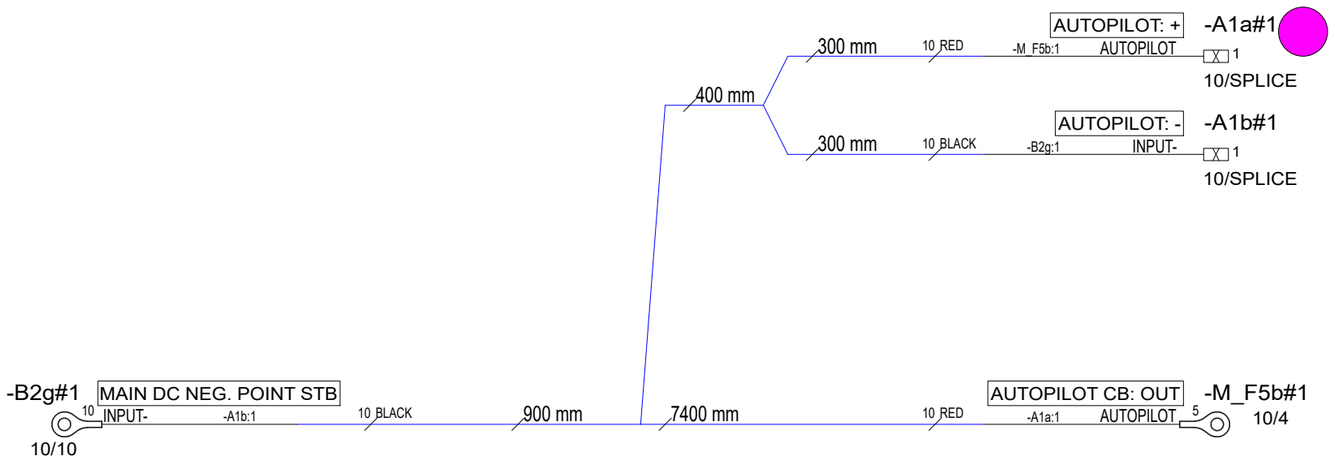
MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

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

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

EQUIVALENCY:

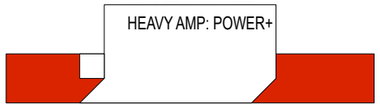
mm2		AWG
10 mm2	=	AWG8
16 mm2	=	AWG6
25 mm2	=	AWG3
35 mm2	=	AWG2

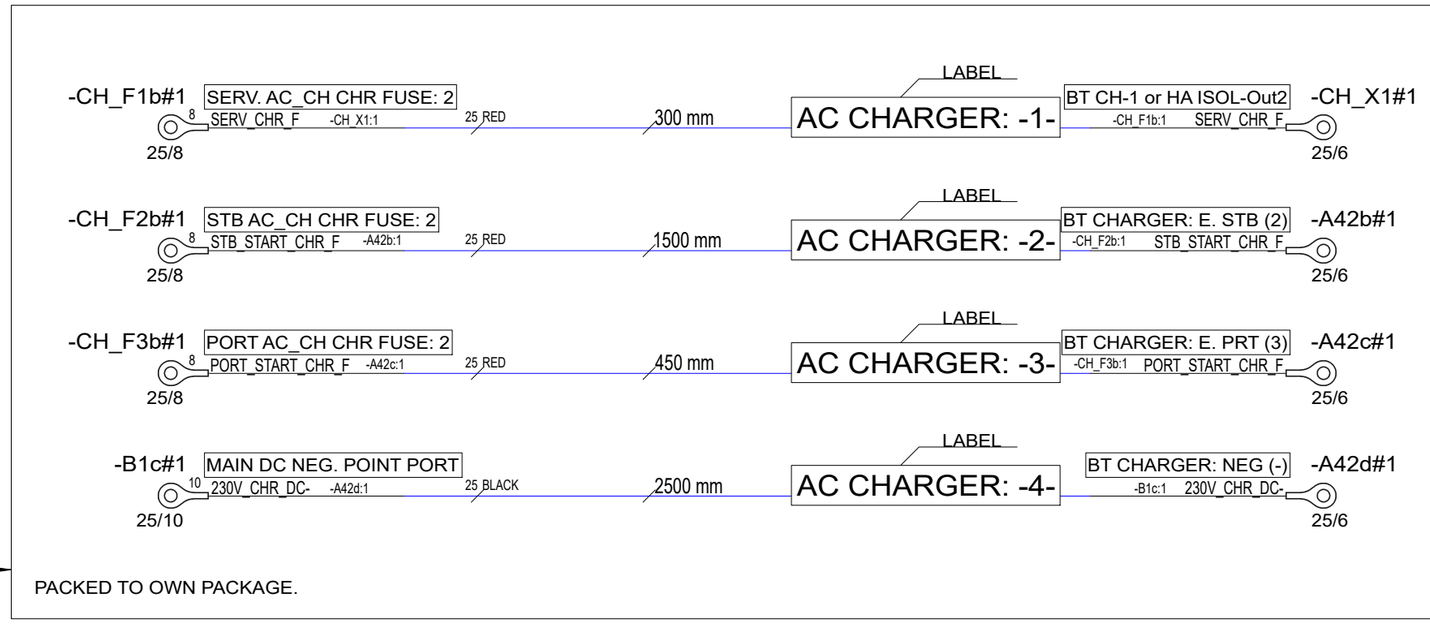


12.4.2024	PF	G3: 2005054; Not modified	Date	25.9.2019	NAVIX designed solutions	Axopar		30736	
22.9.2021	VV	E3: NOT MODIFIED / REVISION RETURNED TO REV. E.	Drawing by	TuM					
17.2.2023	RK	F3: NOT MODIFIED.	Sheet rev.	3		37 MY20	AUTOPILOT HARNESS	HL	162 / 210
Date of modification	Modified by	Description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

NOTICE! CABLES WITH STICKER

FOR EXAMPLE





LABEL

AC CHARGER CABLES

(TO TOP OF PACKAGE)

PACKED TO OWN PACKAGE.

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

Date of modification	Modified by	Description
19.4.2024	PF	G4: 2005054; Not modified
22.9.2021	VV	E4: NOT MODIFIED / REVISION RETURNED TO REV. E.
17.2.2023	RK	F4: NOT MODIFIED.

Date 26.9.2019
Drawing by TuM
Sheet rev. 4
Project rev. G

Copyright by

Boat: Axopar
Boat model: 37 MY20
Sub-product code:
Product code: 30737
Project ID:
Title: BATTERY BOX CHARGER CABLES
HL
Loc
Sheet: 163 / 210

PANEL LT LABELS PORT -A53-#1

1.5 RED/BLACK -PL_X.1-:1 NAV_LT_IN +
1.5 BLUE -PL_X.1-:2 DIM_COM- -

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

/165.A1

1.

2.

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

-DIM.1
38658

Connect during assembly!

-XDIM1-#1
1 RED_VCC
2 BLACK_GND
3 BLUE_COM

250 mm

1.5 RED/BLACK -A53-+
1.5 BLUE -A53-:-

-PL_X.1-#1
NAV_LT_IN
DIM_COM-
2634210
2634210 (2N BACK VIEW)

-PL_X1-#1
CONNECTED

-PL_X1-#1
NAV_LT_IN -SH_X.6a:1, -XDIM1-:1 1.5 RED/BLACK
DIM_COM- -XDIM1-:3, -S_XG1b- 1.5 BLUE
50 mm
2635210

-PL_X1-#1
2635210 (2U BACK VIEW)

-XDIM1-#1
-PL_X1-:1 NAV_LT_IN 1.5 RED
-SH_X.6b:10 INPUT- 1.5 BLACK
-PL_X1-:2 DIM_COM- 1.5 BLUE

-S_S.2-#1
82-5151.2123
14077
NAVIGATION LT -S_S2-#1
C NO NC + -
-SH_X.6a:4 NAV_LT_IN 1.5 RED
-SH_X.6a:5 NAV_LT_OUT 1.5 RED
-S_S2-:NO NAV_LT_OUT 1.5 RED
-D_D2-:1 SW2- 1 GREY
50 mm

-S_S.3-#1
82-5151.2123
14077
ANCHOR LT -S_S3-#1
C NO NC + -
-SH_X.6a:4 NAV_LT_IN 1.5 RED
-SH_X.6a:6 ANCH_LT_OUT 1.5 BLUE
-S_S3-:NO ANCH_LT_OUT 1.5 BLUE
-D_D3-:1 SW3- 1 GREY
50 mm

-S_S.4-#1
82-5151.2123
14077
DECK LT -S_S4-#1
C NO NC + -
-SH_X.6a:7 DECK_LT+ 1.5 WHITE/GREY
-SH_X.6a:11 DECK_LT 1.5 WHITE/GREY
-SH_X.6a:8 DECK_LT 1.5 WHITE/GREY
-D_D4-:1 SW4- 1 GREY
50 mm

-S_S.5-#1
82-5151.1123
14075
ROOF LT -S_S5-#1
C NO NC + -
-X.6c:2 MC_COM 1.5 WHITE/YELLOW
-X.6c:1 ROOF_DIM 1.5 WHITE/YELLOW
-X.6c:6 MC_ROOF_LT 1.5 WHITE/YELLOW
-X.6c:5 MC_ROOF_NEG 1 GREY
50 mm

-S_S.6-#1
82-5151.1123
14075
AMBIENT LT -S_S6-#1
C NO NC + -
-X.6c:4 MC_COM 1.5 WHITE
-X.6c:3 AMB_DIM 1.5 WHITE
-X.6c:8 MC_AMB_LT 1.5 WHITE
-X.6c:7 MC_AMB_NEG 1 GREY
50 mm

-S_S.7-#1
82-5151.2123
14077
UW LIGHT -S_S7-#1
C NO NC + -
-SH_X.6b:4 UW_LT_STB+ 1.5 GREY/BROWN
-SH_X.6b:5 UW_LT_REL_C 1.5 GREY/BROWN
-SH_X.6b:8 UW_LT_STB 1.5 GREY/BROWN
-D_D7-:1 SW7- 1 GREY

-SH_X.6a#1
-SH_X.6a#1
10 11
7 8 9
4 5 6
1 2 3
(11N BACK VIEW)
2639010

-SH_X.6a#1
1 NAV_LT_IN -PL_X1-:1 1.5 RED
2
3
4 NAV_LT_IN -S_S3-:C, -S_S2-:C 1.5 RED
5 NAV_LT_OUT -S_S2-:NO, -D1-:1 1.5 RED
6 ANCH_LT_OUT -S_S3-:NO, -D1-:2 1.5 BLUE
7 DECK_LT+ -S_S4-:C 1.5 WHITE/GREY
8 DECK_LT -S_S4-:+, -SH_X.6a:9 1.5 WHITE/GREY
9 DECK_LT -SH_X.6a:10, -SH_X.6a:8 1.5 WHITE/GREY
10 DECK_LT -SH_X.6a:11, -SH_X.6a:9 1.5 WHITE/GREY
11 DECK_LT -SH_X.6a:10, -S_S4-:NO 1.5 WHITE/GREY
2639010

-X.6c#1
-X.6c
2634810
5 6 7 8
1 2 3 4
(8N BACK VIEW)
2634810

-X.6c#1
1 ROOF_DIM -S_S5-:NO 1.5 WHITE
2 MC_COM -S_S5-:C 1.5 WHITE/BLACK
3 AMB_DIM -S_S6-:NO 1.5 WHITE
4 MC_COM -S_S6-:C 1.5 WHITE/BLACK
5 MC_ROOF_NEG -S_S5-:- 1.5 YELLOW
6 MC_ROOF_LT -S_S5-:+ 1.5 RED
7 MC_AMB_NEG -S_S6-:- 1.5 YELLOW
8 MC_AMB_LT -S_S6-:+ 1.5 RED

-D.1-#1
P600G
6A
WITH SHRINK TUBE
BS_2
-D1-#1
NAV_LT_OUT -SH_X.6a:5 1.5 RED
ANCH_LT_OUT -SH_X.6a:6 1.5 BLUE

CONNECTION TO HULL HARNESS

-SH_X.6b#1
-SH_X.6b#1
10 11
7 8 9
4 5 6
1 2 3
(11N BACK VIEW)
2639010

-SH_X.6b#1
1
2
3
4 UW_LT_STB+ -S_S7-:C 1.5 GREY/BROWN
5 UW_LT_REL_C -S_S7-:NO 1.5 GREY/BROWN
6
7
8 UW_LT_STB -S_S7-:+ 1.5 GREY/BROWN
9 DIM_COM- -S_XG1a- 1.5 BLUE
10 INPUT- -XDIM1-:2 1.5 BLACK
11
2639010

300 mm

250 mm

100 mm

-D_D1- - D_D15- = 1N4005
Cover with shrinktube!

SW. PANEL NEG. PORT -S_XG1a-#1
1.5 BLUE -SH_X.6b:9 DIM_COM-
1 GREY -S_S4-:- SW4- -D_D4- -D_D4-:2 DIM_COM-
1 GREY -S_S2-:- SW2- -D_D2- -D_D2-:2 DIM_COM-
1 GREY -S_S3-:- SW3- -D_D3- -D_D3-:2 DIM_COM-
1.5 GREY -S_XG1b- DIM_COM-
-S_XG.1a-
12743

SW. PANEL NEG. PORT -S_XG1b-#1
1.5 GREY -S_XG1a- DIM_COM-
1 GREY -S_S7-:- SW7- -D_D7- -D_D7-:2 DIM_COM-
1.5 BLUE -PL_X1-:2 DIM_COM-
-S_XG.1b-
12743

17.2.2023	RK	F8: NOT MODIFIED	Date	6.11.2019	NAVIX designed solutions	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	164 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

2.

/164.A8

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

-S_S8-#1 -S_S.8- 82-5151.2123 14077
WIPER: CONTROL_2, WIP_REL_C, WIP_SLOW, SW8-
-SH_X.7a:1, -SH_X.7a:2, -SH_X.7a:7, -D_D8-:1
1.5 WHITE/BLUE, 1.5 WHITE/BLUE, 1.5 WHITE/BLUE, 1 GREY

-S_S9-#1 -S_S.9- 82-5151.1123 14075
W. WASHER: W_WASH+, W_WASH_REL_C, W_WASH, SW9-
-SH_X.7a:3, -SH_X.7a:4, -SH_X.7b:7, -D_D9-:1
1.5 GREY/RED, 1.5 GREY/RED, 1.5 GREY/RED, 1 GREY

-S_S10-#1 -S_S.10- 82-5151.1113 16449
HORN: HORN+, HORN_REL_C, HORN+, SW10-
-SH_X.7a:5..-S_S10-:+, -SH_X.7a:6, -S_S10-:C, -D_D10-:1
1.5 BROWN, 1.5 BROWN, 1.5 BROWN, 1 GREY

-S_S11-#1 -S_S.11- 82-5151.2123 14077
BILGE P. MID: BILGE_MID+, BLG_MD_REL_C, BILGE_MID_MAN, SW11-
-SH_X.7b:1, -SH_X.7b:3, -SH_X.7b:2, -D_D11-:1
1.5 RED, 1.5 GREY, 1.5 RED, 1 GREY

-S_S12-#1 -S_S.12- 82-5151.2123 14077
BILGE P. AFT: BILGE_AFT+, BLG_AFT_REL_C, BILGE_AFT_MAN, SW12-
-SH_X.7b:4, -SH_X.7b:6, -SH_X.7b:5, -D_D12-:1
1.5 RED, 1.5 GREY, 1.5 RED, 1 GREY

-S_S13-#1 -S_S.13- 82-5151.2123 14077
ROOF BEAM: AUX_1+, AUX_1_REL_C, AUX_1, SW13-
-SH_X.7c:1, -SH_X.7c:2, -SH_X.7c:5, -D_D13-:1
1.5 GREY/BLACK, 1.5 GREY/BLACK, 1.5 GREY/BLACK, 1 GREY

-S_S14-2-#1 -S_S.14- 82-5151.1123 14075
BOW THRUSTER: ISM_BOW_TH_C, INPUT-, ISM_B_TH_SW_L+, SW14-
-SH_X.7d:1, -SH_X.7a:8, -SH_X.7d:2, -D_D15-:1
1.5 WHITE/BLACK, 1.5 BLACK, 1.5 WHITE, 1 GREY

50 mm

LABEL: BOW TH SW, -S_S14-2: ISM CONNECTION

LABEL: AUX SW, -S_S14-1: OPTIONAL CONNECTION.

50 mm

100 mm

AUX 2 -S_S14-1-#1
1.5 PURPLE/BLACK -SH_X.7c:3 AUX_2+ (C)
1.5 PURPLE/BLACK -SH_X.7c:4 AUX_R_C/BOW_TH (NO)
(NC)
1.5 BLUE -SH_X.7c:6 AUX_2 (+)
1 GREY -D_D14-:1 SW14- (-)

(CUSTOMER INSTALLS TO LOCATION OUTSIDE PANEL)

CONNECTION TO HULL HARNESS -SH_X.7a#1

-SH_X.7a#1 2634810 (8N BACK VIEW)

1	CONTROL_2	-S_S8-:C	1.5 WHITE/BLUE
2	WIP_REL_C	-S_S8-:NO	1.5 WHITE/BLUE
3	W_WASH+	-S_S9-:C	1.5 GREY/RED
4	W_WASH_REL_C	-S_S9-:NO	1.5 GREY/RED
5	HORN+	-S_S10-:C	1.5 BROWN
6	HORN_REL_C	-S_S10-:NO	1.5 BROWN
7	WIP_SLOW	-S_S8-:+	1.5 WHITE/BLUE
8	INPUT-	-R3, -S_S14-2-:NO	1.5 BLACK

2634810

-SH_X.7b#1 2634810 (8N BACK VIEW)

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

2634810

-SH_X.7c#1 2634810 (8N BACK VIEW)

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	-S_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

2634810

-SH_X.7d#1 2637710 (2NT BACK VIEW)

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

300 mm

100 mm

-R3#1
1.5 BLACK -SH_X.7a:8 INPUT- (X)
-R3 R3K32_0.5W
-R4 R3K32_0.5W
-A123- 12743

1 GREY -S_S12-:- SW12- (X) -D_D12- -D_D12-:2 INPUT-
1 GREY -S_S11-:- SW11- (X) -D_D11- -D_D11-:2 INPUT-

-D_D1- - D_D15- = 1N4005
Cover with shrinktube!

SW. PANEL NEG. STB -S_XG2a-#1 12743
-SH_X.7b:8 DIM_COM-
1.5 BLUE
1 GREY -S_S8-:- SW8- (X) -D_D8- -D_D8-:2 DIM_COM-
1 GREY -S_S9-:- SW9- (X) -D_D9- -D_D9-:2 DIM_COM-
1 GREY -S_S10-:- SW10- (X) -D_D10- -D_D10-:2 DIM_COM-
1.5 GREY -S_XG2b- DIM_COM-

SW. PANEL NEG. STB -S_XG2b-#1 12743
-S_XG2a- DIM_COM-
1.5 GREY
1 GREY -S_S13-:- SW13- (X) -D_D13- -D_D13-:2 DIM_COM-
1.5 GREY -S_XG2c- DIM_COM-

SW. PANEL NEG. STB -S_XG2c-#1 12743
-S_XG2b- DIM_COM-
1.5 GREY
1 GREY -S_S14-1-:- SW14- (X) -D_D14- -D_D14-:2 DIM_COM-
1 GREY -S_S14-2-:- SW14- (X) -D_D15- -D_D15-:2 DIM_COM-
1 GREY -S_S15-:- SW15- (X) -D_D16- -D_D16-:2 DIM_COM-

-S_S15- 36345 GREY CONNECTOR (BACK VIEW)
NC, NO, C, -, +

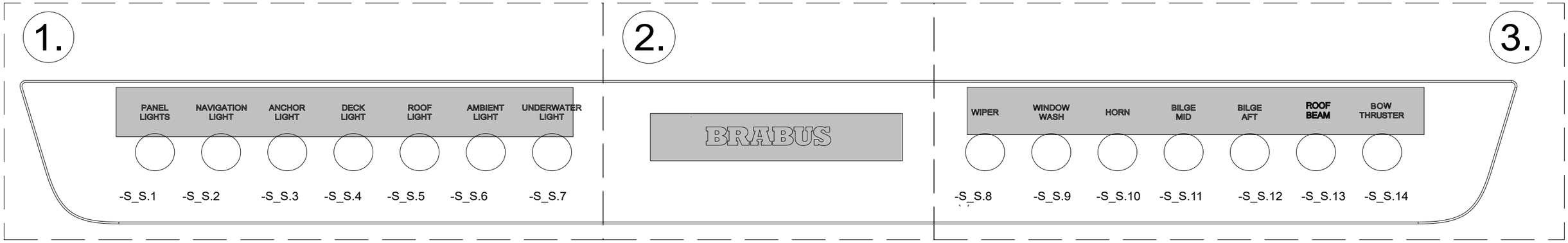
-S_S15-#1 NAVIGATION ON/OFF
-S_S.15- 82-5151.2123 14077
C, NO, NC, +, -
CONTROL_2, NAV_ON, NAV_ON, SW15-
1.5 WHITE/BLUE -SH_X.7c:7, 1.5 ORANGE -SH_X.7c:8, 1.5 ORANGE -SH_X.7c:8, 1 GREY -D_D16-:1

500 mm

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
Date of modification	Modified by	Description	Project rev.	G	Boat model	Title	Loc / 165 / 210 Sheet

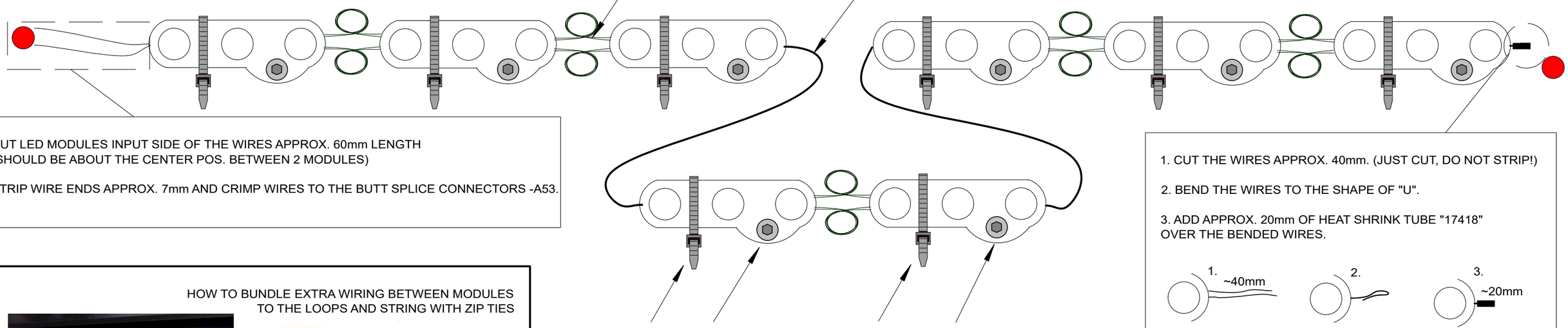
NAVIX designed solutions
Copyright by

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)

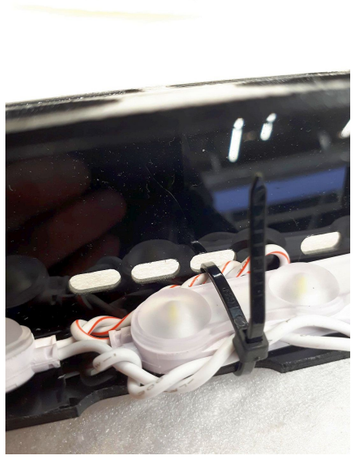
STRIP WIRE ENDS APPROX. 7mm AND CRIMP WIRES TO THE BUTT SPLICE CONNECTORS -A53.

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.

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

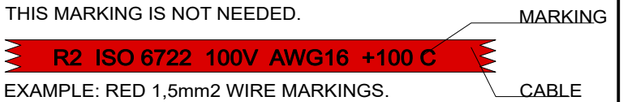


ATTACH ALL LED MODULES TO THE BRACKET 36371 WITH M3X12 BH HEX BOLT A4,
NUT M3 AND 2-SIDED TAPE. ADD CABLE TIE. SEE ALSO EXP. VIEW

TURN THE ENDS OF CABLE TIES TOWARDS TO THE PANEL!

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

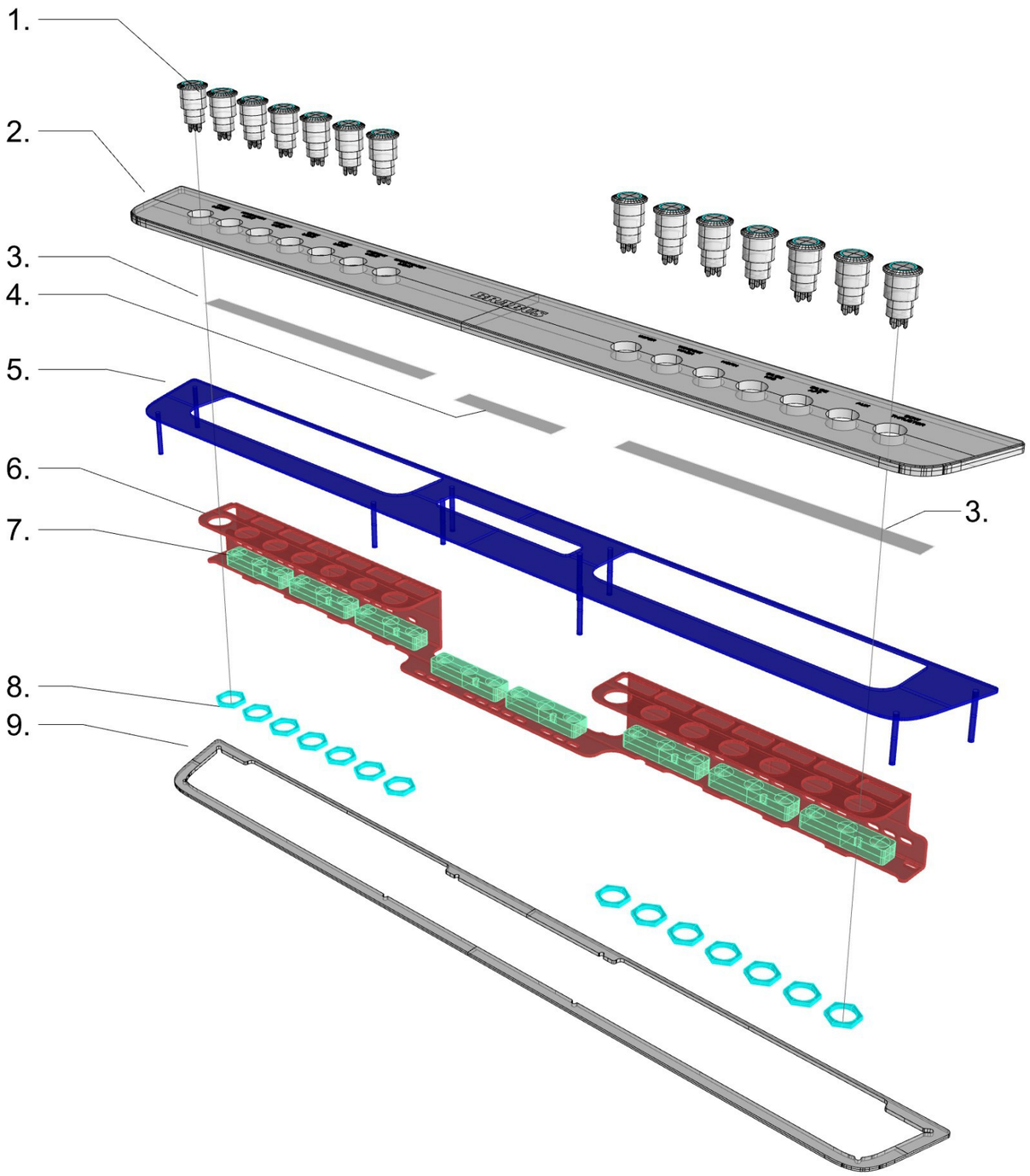
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.

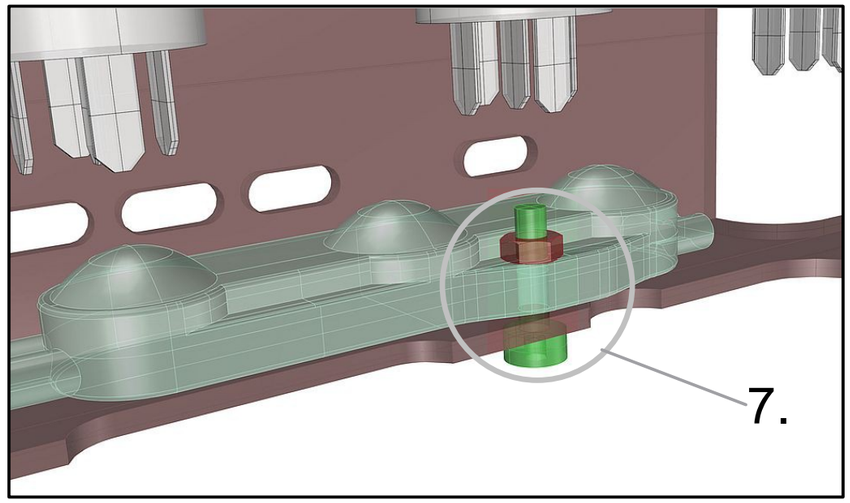


EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

Date of modification	Modified by	Description						
17.2.2023	RK	F8: NOT MODIFIED	Date	6.11.2019	Copyright by NAVIX designed solutions	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	166 / 210
			Project rev.	G		Boat model	Title	Loc	Sheet

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

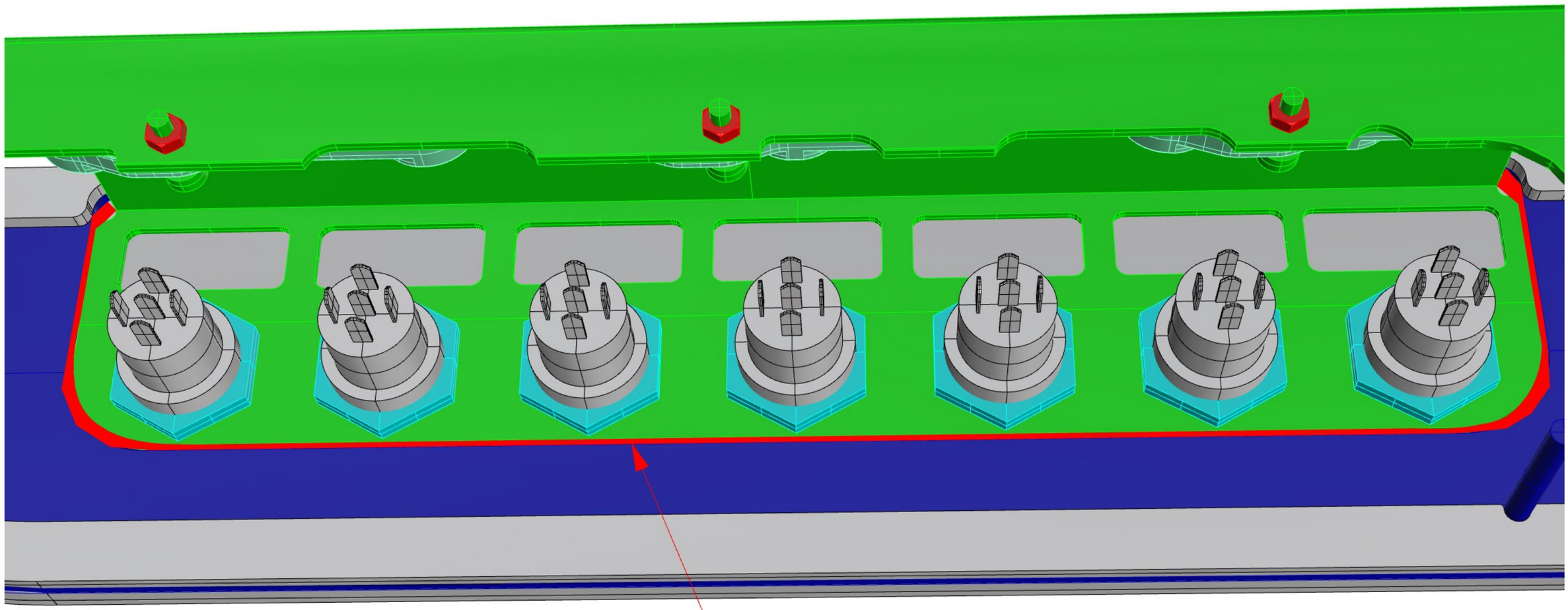
EXP VIEW

Date of modification	Modified by	Description
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	6.11.2019
Drawing by	TuM
Sheet rev.	11
Project rev.	G

NAVIX designed solutions
Copyright by

Axopar Boat	SEE EXP VIEW Sub-product code	30810 Product code	Project ID	
37 MY20 SHADOW Boat model	SWITCH PANEL Title	HL Loc	167 / 210 Sheet	



FILL THE CAP 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	NAVIX designed solutions	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
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	Copyright by	Boat model	Title	Loc

Project ID		
		168 / 210
		Sheet

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

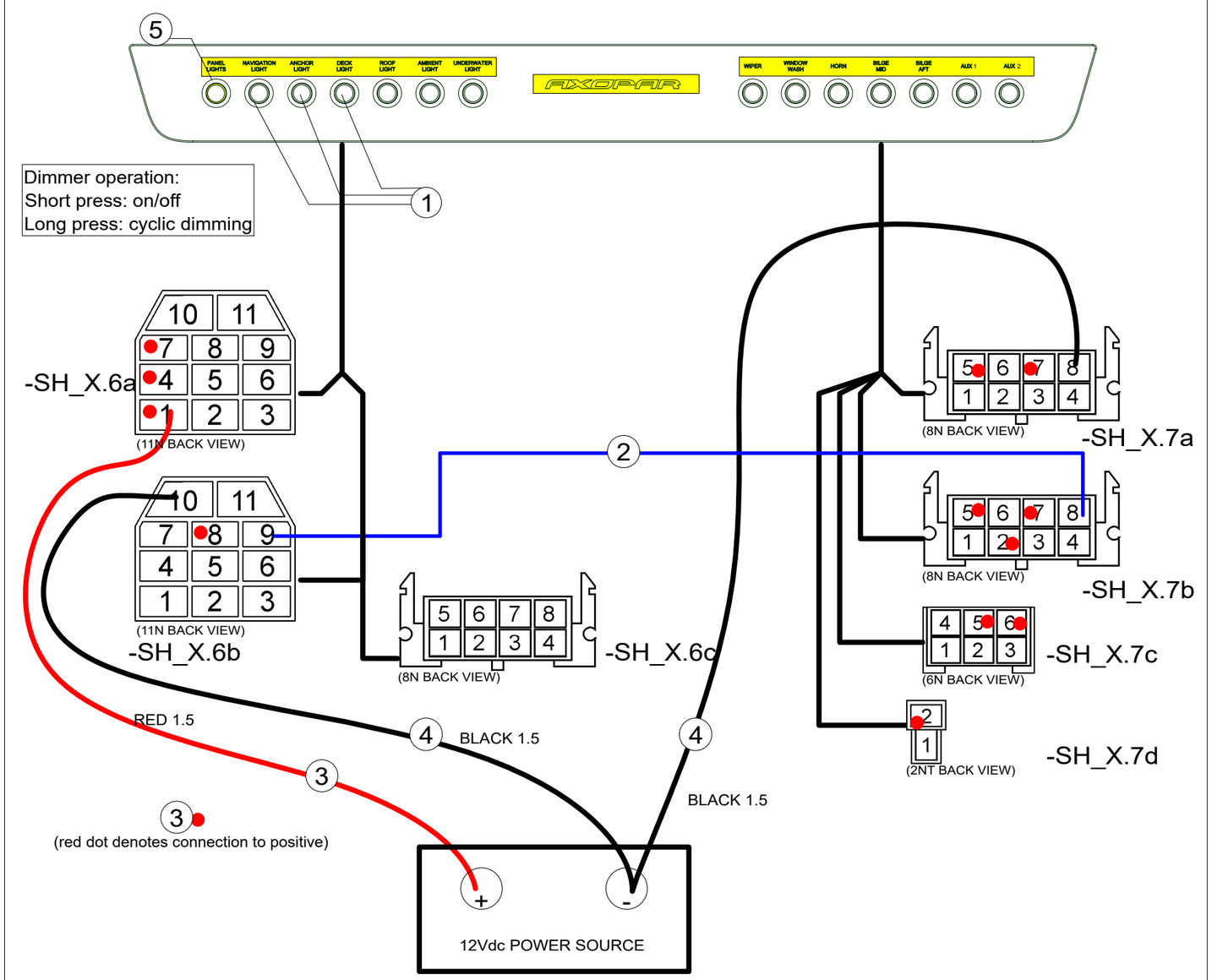
Connect negative (-)
SH_X.6b/10
SH_X.7a/8

PASS / FAIL

DATE _____

TESTED BY _____

TEST INSTRUCTIONS



17.2.2023	RK	F8: NOT MODIFIED	Date	6.11.2019	NAVIX designed solutions	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
15.03.2024	PF	G11:2005054; Added s15, S1 replaced with dimmer, test insruction update	Sheet rev.	11				Project ID
Date of modification	Modified by	Description	Project rev.	G	Copyright by	37 MY20 SHADOW	SWITCH PANEL	HL
						Boat model	Title	Loc
								169 / 210 Sheet

1.

-F_X.1
MAIN SUPPLY CONNECTION

COPPER BAR

CABLES ATTACHED TO THESE BOLTS

-F_X1g-#1 MAIN SUPPLY CONNECTION
4 SOFT-T_F_INPUT+-M_F6-:1 6 RED 90 mm
10022HQ

-F_X1f-#1 MAIN SUPPLY CONNECTION
6 AUTOP_F_INPUT+-M_F5a-:1 10 RED 90 mm
10/6

-F_X1e-#1 MAIN SUPPLY CONNECTION
6 MAIN_4_INPUT+ -M_F4a-:1 10 RED 90 mm
10/6

-F_X1d-#1 MAIN SUPPLY CONNECTION
6 MAIN_3_INPUT+ -M_F3a-:1 10 RED 90 mm
10/6

-F_X1c-#1 MAIN SUPPLY CONNECTION
6 MAIN_2_INPUT+ -M_F2a-:1 10 RED 80 mm
10/6

-F_X1b-#1 MAIN SUPPLY CONNECTION
6 MAIN_1_INPUT+ -M_F1a-:1 10 RED 80 mm
10/6

70 mm

-M_F.1- 31624 CLB-403-12CNN-W-F/40
-M_F1a-#1 LINE
MAIN 1: IN
4 INPUT+
-F_X1b-:1 MAIN 1_INPUT+
10 RED
30 mm
20 mm
10/4
-M_F1b-#1 LOAD
MAIN 1: OUT
4 INPUT+
-F3-:1
6 RED
KR4
-M_F1c-#1 LOAD
MAIN 1: OUT
4 INPUT+
-F8-:1
6 RED
KR4

-M_F.2- 31624 CLB-403-12CNN-W-F/40
-M_F2a-#1 LINE
MAIN 2: IN
4 INPUT+
-F_X1c-:1 MAIN 2_INPUT+
10 RED
30 mm
20 mm
10/4
-M_F2b-#1 LOAD
MAIN 2: OUT
4 INPUT+
-F13-:1
6 RED
KR4
-M_F2c-#1 LOAD
MAIN 2: OUT
4 INPUT+
-F18-:1
6 RED
KR4

-M_F.3- 31624 CLB-403-12CNN-W-F/40
-M_F3a-#1 LINE
MAIN 3: IN
4 INPUT+
-F_X1d-:1 MAIN 3_INPUT+
10 RED
30 mm
20 mm
10/4
-M_F3b-#1 LOAD
MAIN 3: OUT
4 INPUT+
-F24-:1
6 RED
KR4
-M_F3c-#1 LOAD
MAIN 3: OUT
4 INPUT+
-F28-:1
6 RED
KR4

-M_F.4- 31624 CLB-403-12CNN-W-F/40
-M_F4a-#1 LINE
MAIN 4: IN
4 INPUT+
-F_X1e-:1 MAIN 4_INPUT+
10 RED
30 mm
20 mm
10/4
-M_F4b-#1 LOAD
MAIN 4: OUT
4 INPUT+
-F33-:1
6 RED
KR4
-M_F4c-#1 LOAD
MAIN 4: OUT
4 INPUT+
-F38-:1
6 RED
KR4

-M_F.5- 31624 CLB-403-12CNN-W-F/40
-M_F5a-#1 LINE
AUTOPILOT CB: IN
4 INPUT+
-F_X1f-:1 AUTOP_F_INPUT+
10 RED
30 mm
20 mm
10/4

-M_F.6- 23809 CLB-253-12CNN-W-A/25
-M_F6-#1
SOFT TOP
C1
C2
-F_X1g-:1 SOFT-T_F_INPUT+
6 RED
30 mm
-SH_X.2a:1 SOFT_TOP
6 RED

/171.D1

70 mm

-F_X.2
DIRECT SUPPLY CONNECTION

COPPER BAR

CABLES ATTACHED TO THESE BOLTS

-F_X2b-#1 DIRECT SUPPLY CONNECTION
6 DIRECT+ -D_F1-:1 4 RED 200 mm
10022HQ

-F_X2c-#1 DIRECT SUPPLY CONNECTION
6 DIRECT+ -D_F2-:1 4 RED 200 mm
10022HQ

-F_X2d-#1 DIRECT SUPPLY CONNECTION
6 DIRECT+ -D_F3-:1 4 RED 200 mm
10022HQ

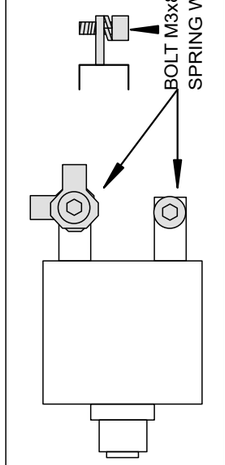
-F_X2e-#1 DIRECT SUPPLY CONNECTION
6 DIRECT+ -D_F4-:1 6 RED 200 mm
10022HQ

-F_X2f-#1 DIRECT SUPPLY CONNECTION
6 DIRECT+ -D_F5-:1 2.5 RED 200 mm
10022HQ

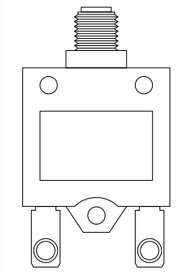
50 mm

/172.A1

NOTICE!
CLB-SERIES
BREAKERS



CARLING
CLB-SERIES
BREAKERS
PINS.

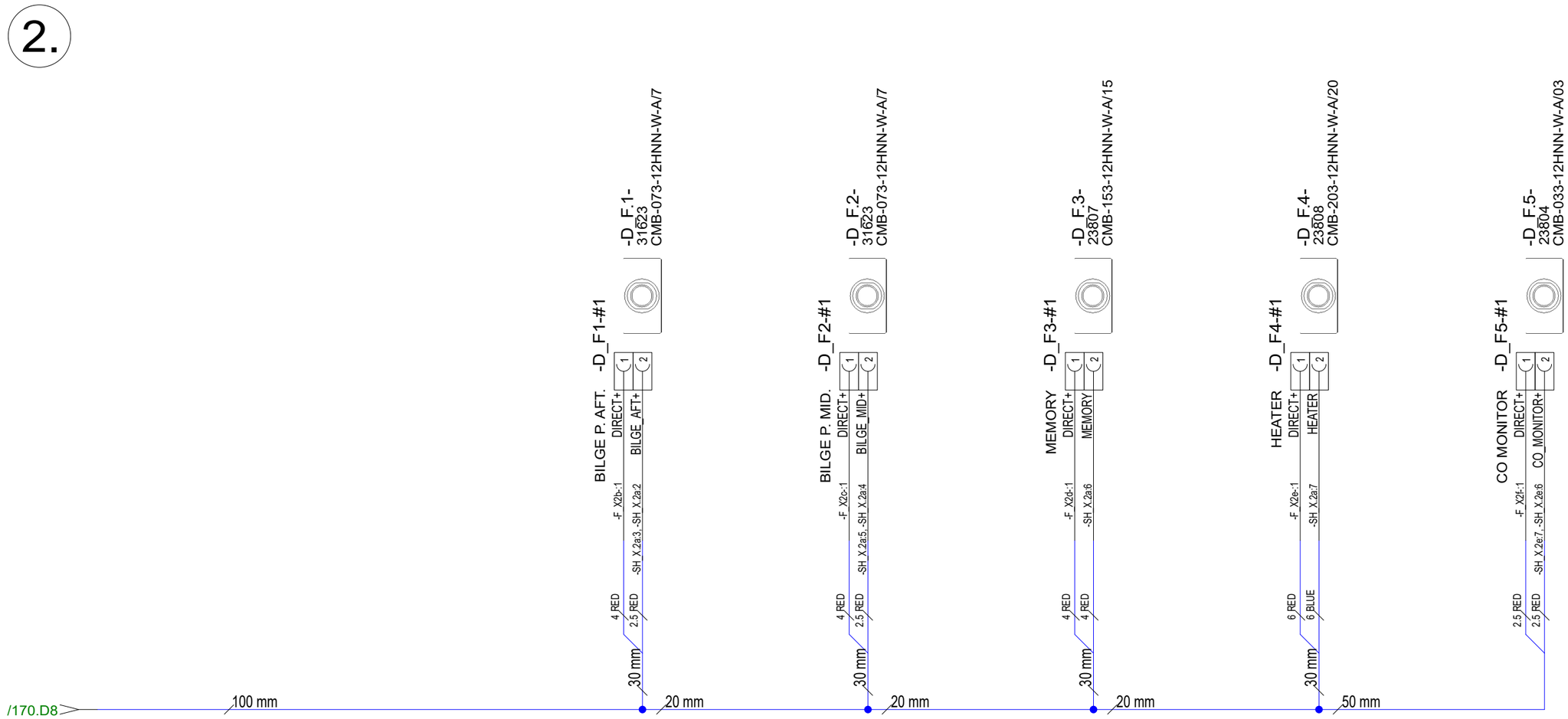


23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Date	24.4.2020	NAVIX designed solutions	Axopar	SEE EXP VIEW	30811
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Drawing by	TuM		Boat	Sub-product code	Product code
17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Sheet rev.	11		37 MY20 SHADOW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

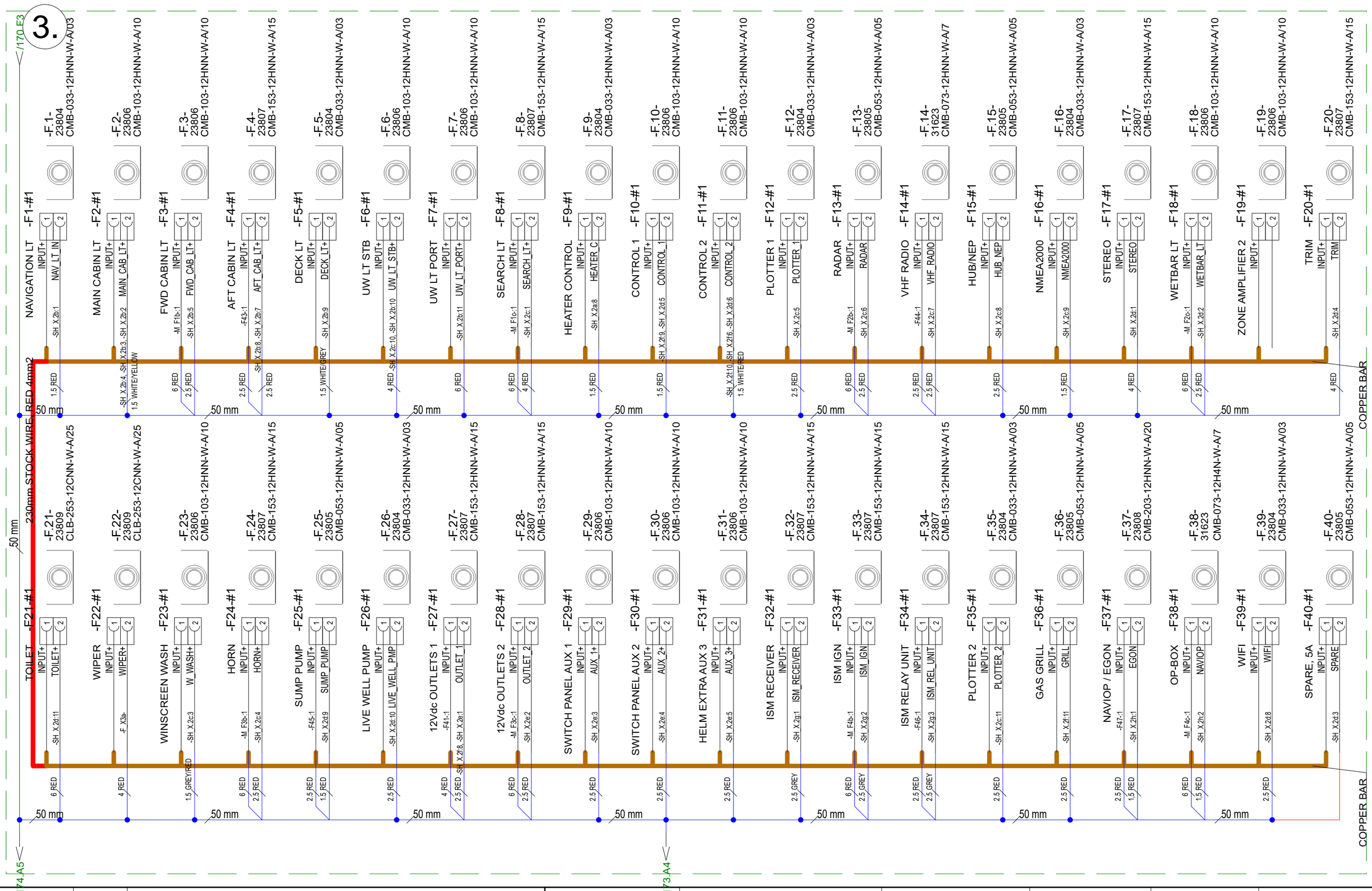
Project ID

170 / 210
Sheet

2.

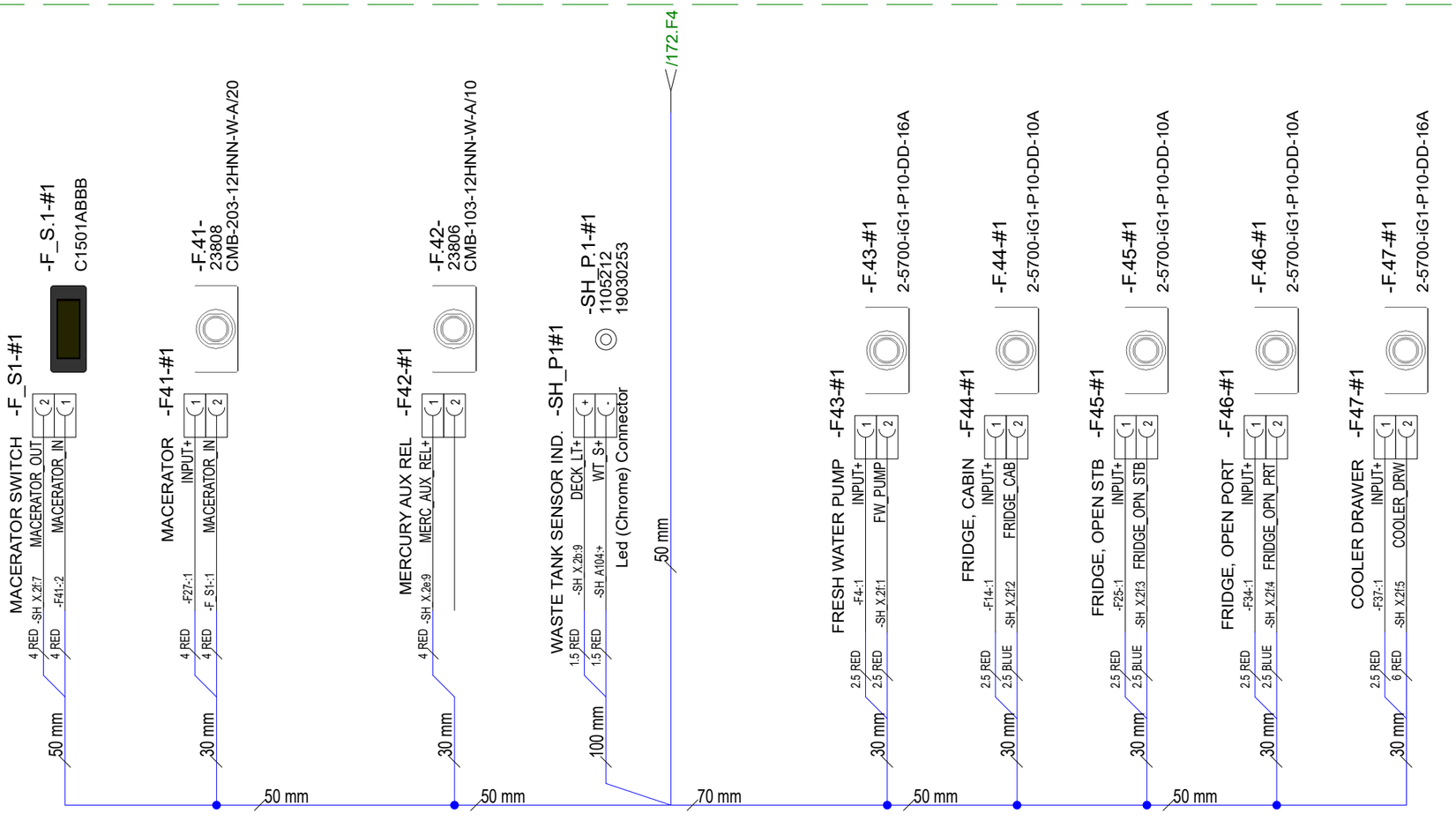


Date of modification	Modified by	Description							
23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Date	24.4.2020	NAVIX designed solutions	Axopar	SEE EXP VIEW	30811	
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
17.2.2023	RK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

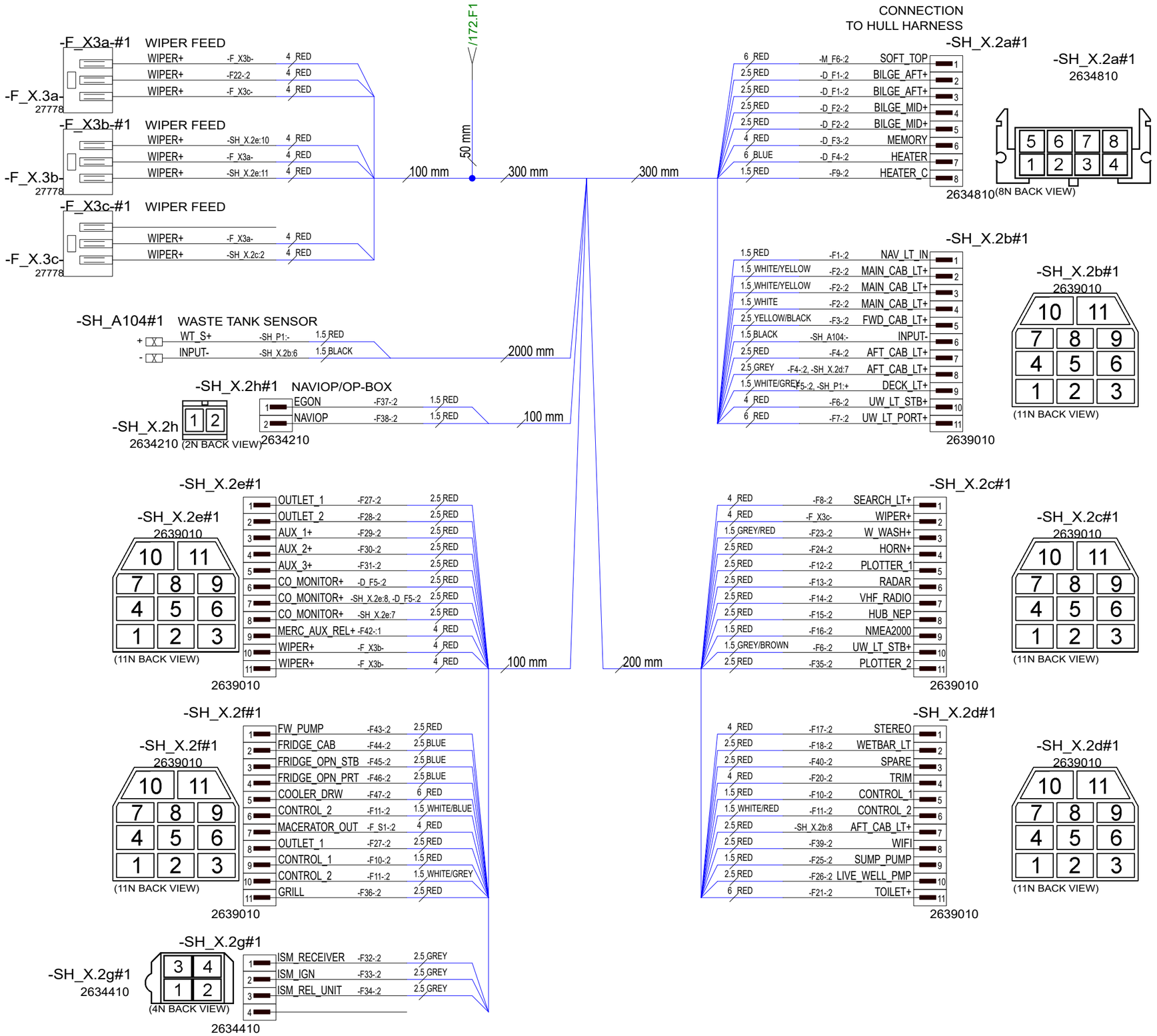


23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Date	24.4.2020	NAVIX designed solutions	Axopar	SEE EXP VIEW	30811	
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Sheet rev.	11		37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

4.



23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Date 24.4.2020	NAVIX designed solutions	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	173 / 210
Date of modification	Modified by	Description	Project rev. G	Copyright by	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.

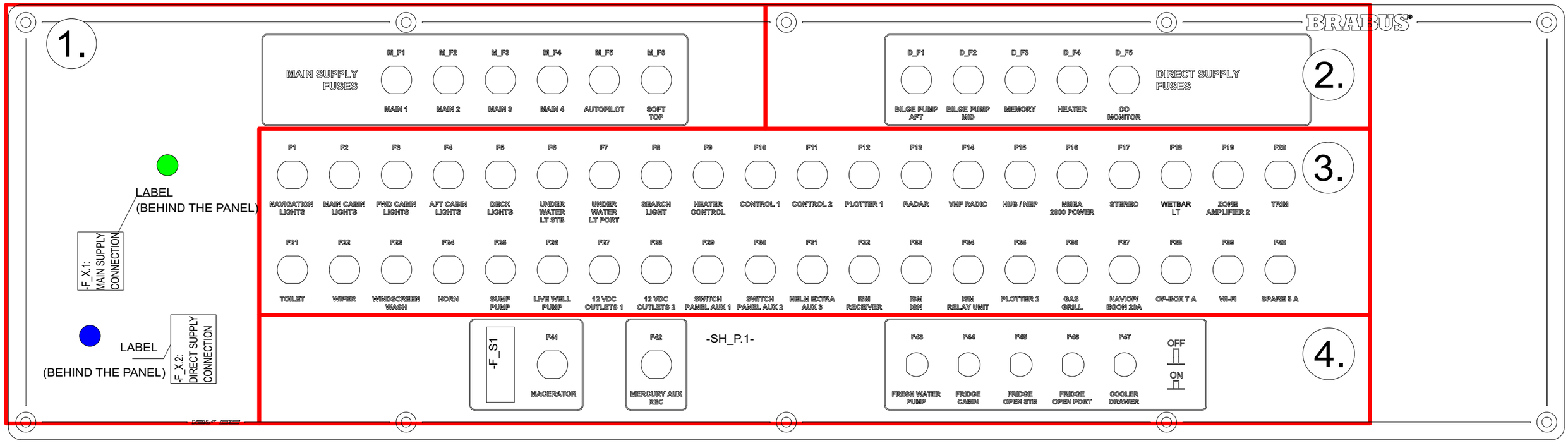
Date of modification	Modified by	Description
23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A
17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT

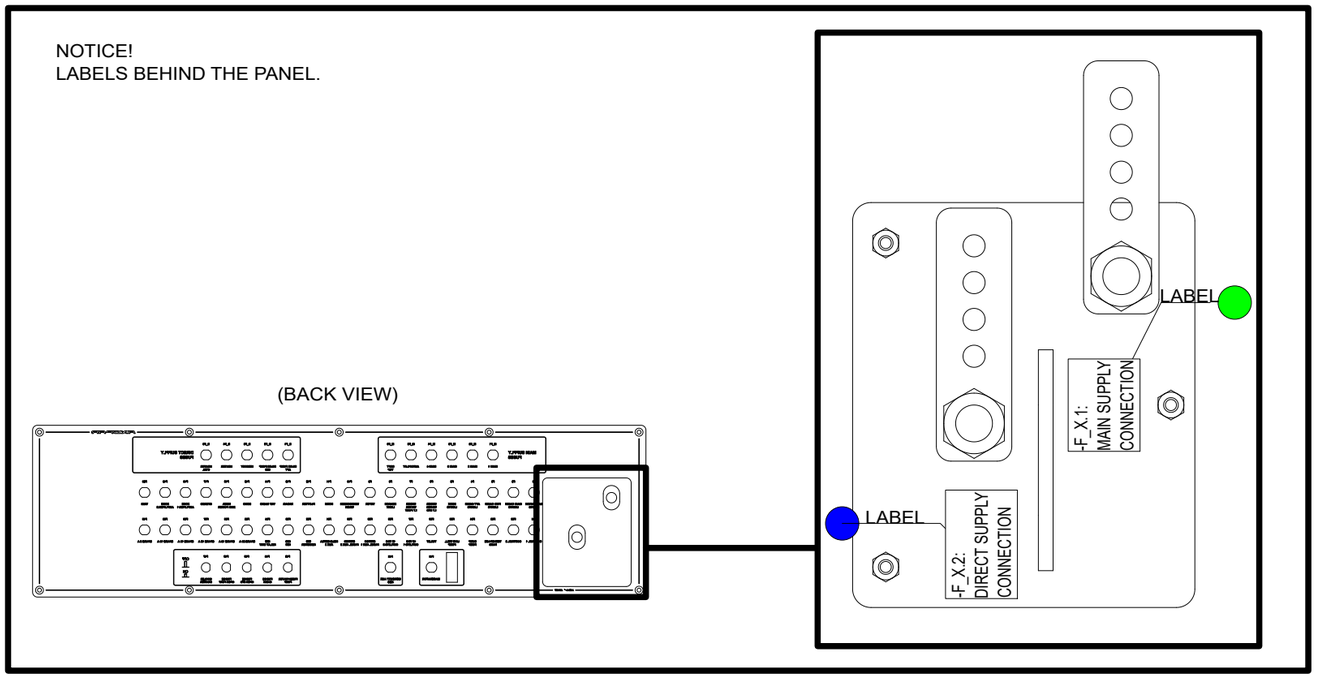
Date	24.4.2020
Drawing by	TuM
Sheet rev.	11
Project rev.	G

NAVIX designed solutions
Copyright by

Axopar Boat	SEE EXP VIEW Sub-product code	30811 Product code	Project ID	
37 MY20 SHADOW Boat model	FUSE UNIT Title	HL Loc	174 / 210 Sheet	

FUSE PANEL GENERAL LAYOUT/ LABELS





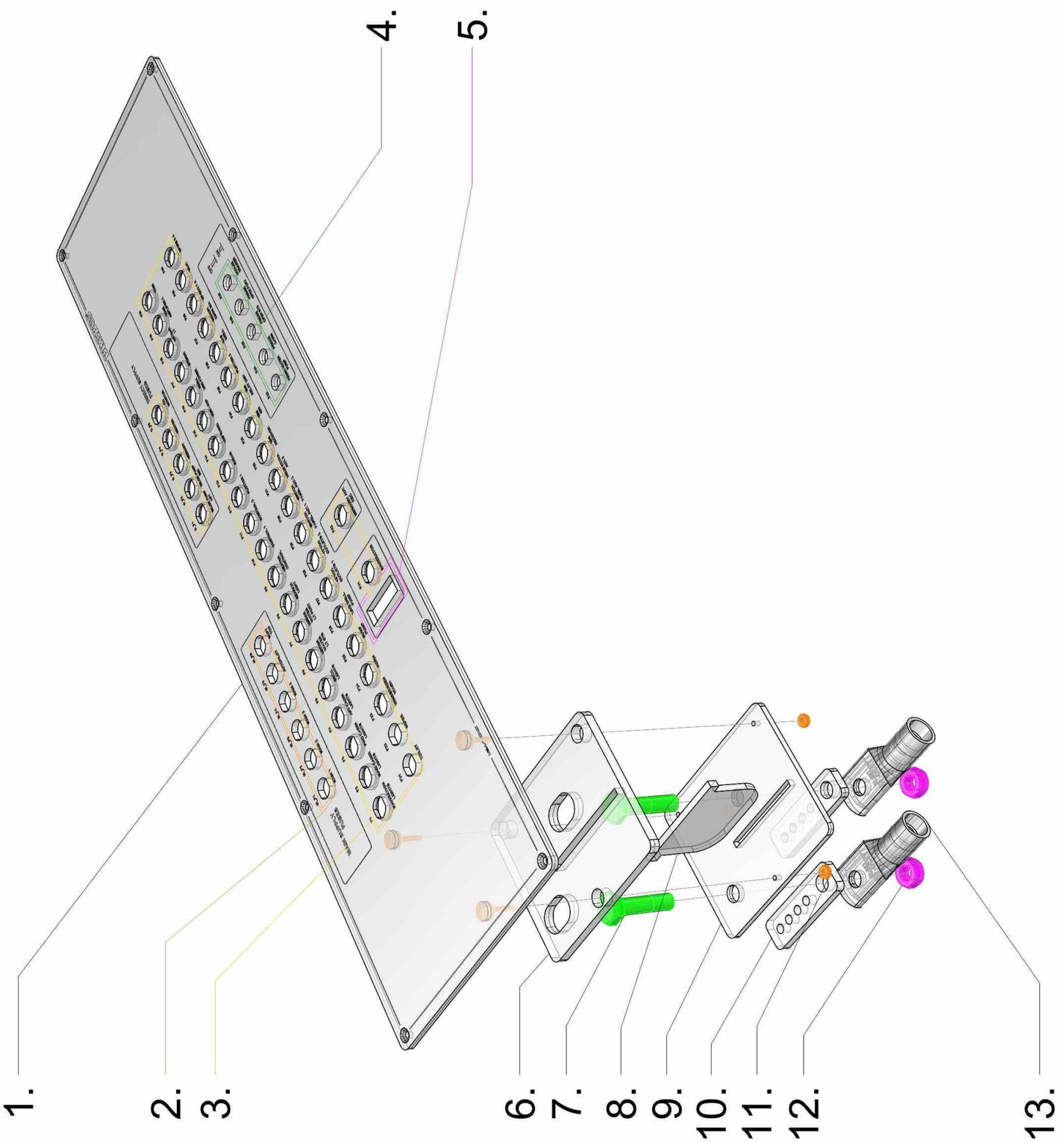
Date of modification	Modified by	Description		
23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Date	24.4.2020
13.4.2024	PF	G11: 2005054; F47 10A->16A, F3 15A->10A	Drawing by	TuM
17.2.2023	RK	F9: -F18 NOW USED FOR WETBAR LT	Sheet rev.	11
			Project rev.	G

NAVIX designed solutions

Copyright by

Boat	Sub-product code	Product code	Project ID
Axopar	SEE EXP VIEW	30811	
Boat model	Title	Loc	Sheet
37 MY20 SHADOW	FUSE UNIT	HL	175 / 210

30811_AXOPAR_37_MY_20_SHADOW_FUSE_UNIT



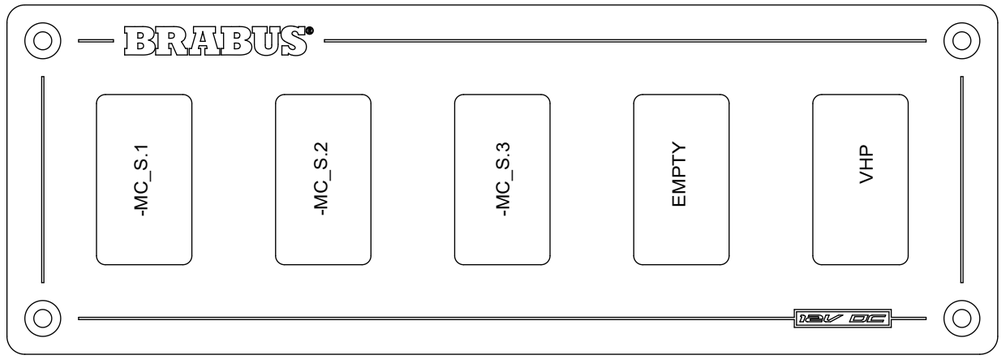
30811_AXOPAR_37_MY_20_SHADOW_FUSE_UNIT

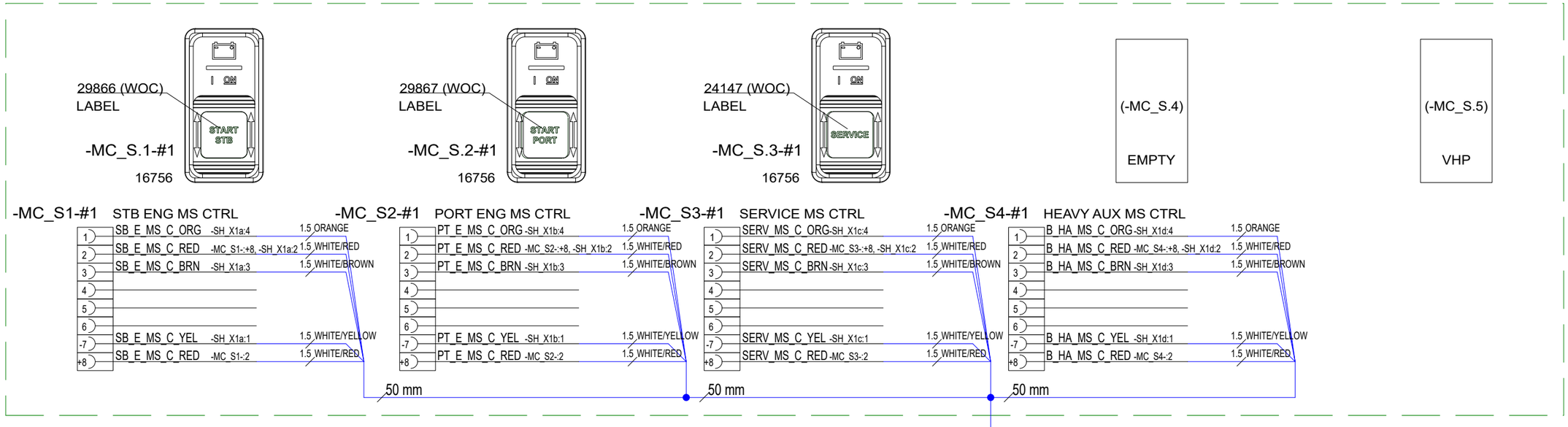
1. 1PC 31116_AXOPAR_37_MY_20_SHADOW_FUSE_UNIT_PANEL_(WOC)_V6
2. 6PCs KUOYUH_98H_SERIES
3. 47PCS KUOYUH_98_SERIES
4. 5PCS ETA 1140 FUSE
5. 1PC ARCOLECTRIC_15...B_33.4X14.0
6. 1PC 29918_AXOPAR_37_MY20_FUSE_UNIT_MS_DC_BTM_PANEL_(WOC)
7. 2PCS M10 L40
8. 1PC 29920_AXOPAR_37_MY20_FUSE_UNIT_MS_DC_SPACER_PANEL_(WOC)
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)

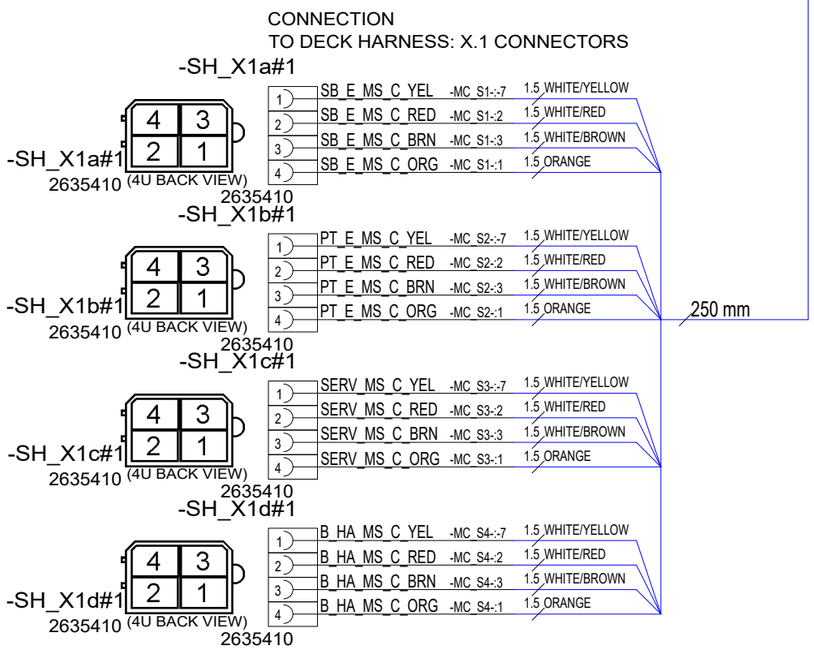
TE 30.10.2019
TS 21.06.2021

EXP VIEW

Date of modification	Modified by	Description							
23.11.2023	PF	F10: 2004954; Changed livewell fuse to 3A	Date	24.4.2020	NAVIX designed solutions	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
			Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

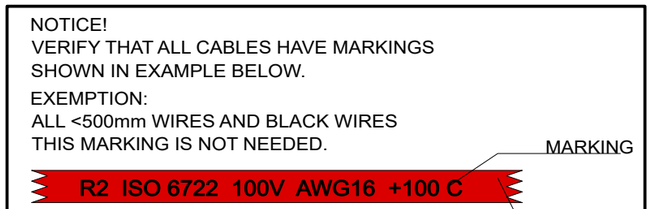






NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.

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

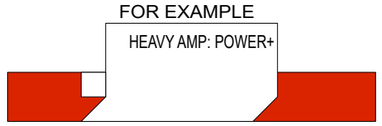


EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

Date of modification	Modified by	Description						
19.4.2024	PF	G4: 2005054; Not modified	Date	6.11.2019	NAVIX designed solutions	Axopar	31120	30812	
22.9.2021	VV	E4: NOT MODIFIED / REVISION RETURNED TO REV. E.	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
17.2.2023	RK	F4: NOT MODIFIED.	Sheet rev.	4	Copyright by	37 MY20 SHADOW	MAIN SWITCH CONTROL PANEL	HL	177 / 210
			Project rev.	G		Boat model	Title	Loc	Sheet

NOTICE! CABLES WITH STICKER

FOR EXAMPLE

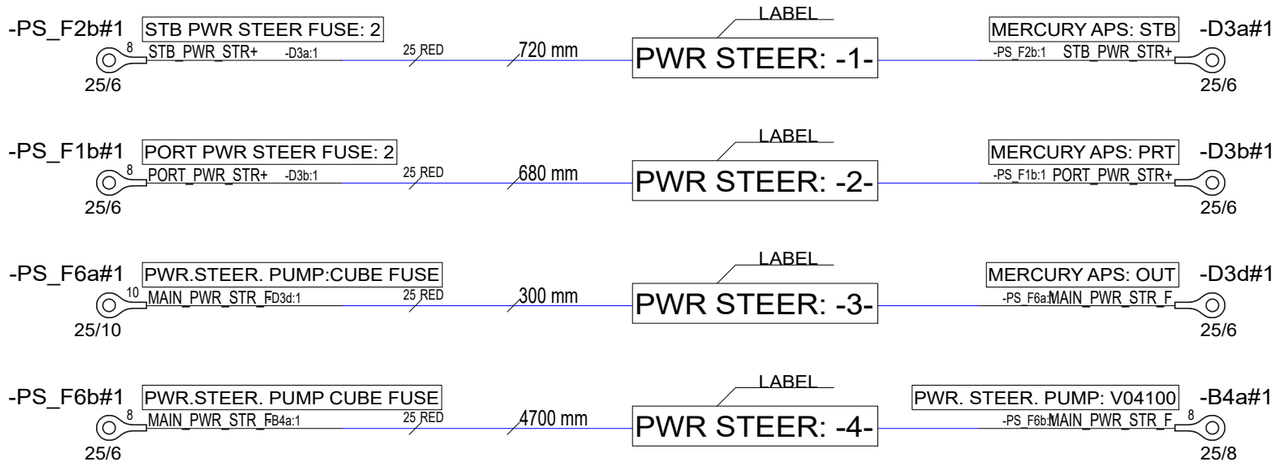


LABEL

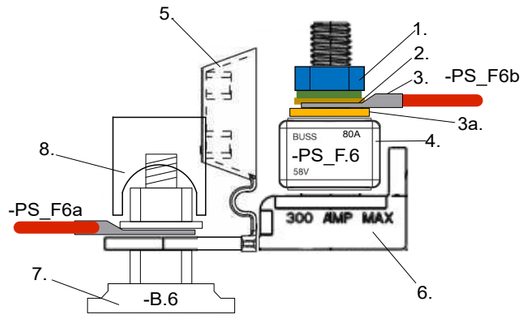
POWER STEER 1. CABLES

(TO TOP OF PACKAGE)

OPTION 1.
-TWIN EMGINE ONE STEERING PUMP



PACKED TO OWN PACKAGE.



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.

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
FOR EXAMPLE: CABLE SIZE IS 25mm2 --> MARKING AWG3.	25 mm2	=	AWG3
	35 mm2	=	AWG2

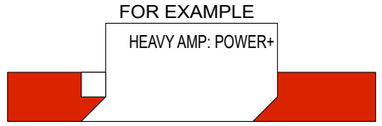
Date of modification	Modified by	Description		
17.2.2023	RK	F3: NOT MODIFIED.	Date	5.7.2019
19.4.2024	PF	G3: 2005054; Not modified	Drawing by	TuM
1.12.2021	PN	E3: ADDED -PS_F.6, B.6, FUSE HOLDER & CABLE -PS_F6a_-D3d	Sheet rev.	3
			Project rev.	G

NAVIX designed solutions
Copyright by

Axopar		30880		
Boat	Sub-product code	Product code	Project ID	
37 MY20	POWER STEERING CABLES 1xPUMP	HL		
Boat model	Title	Loc	178 / 210	Sheet

NOTICE! CABLES WITH STICKER

FOR EXAMPLE

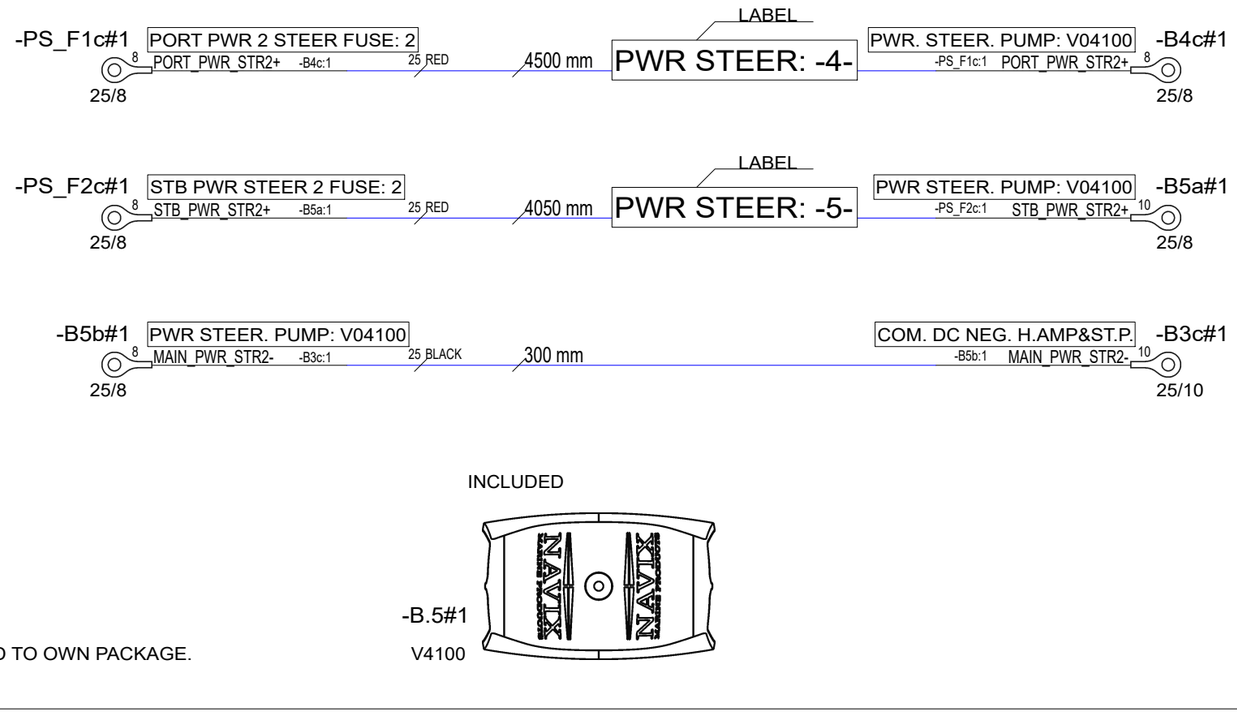


LABEL

POWER STEER 2. CABLES

(TO TOP OF PACKAGE)

OPTION 2.
-TWIN EMGINE, TWIN STEERING PUMP



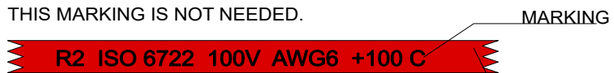
INCLUDED

-B.5#1
V4100

PACKED TO OWN PACKAGE.

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

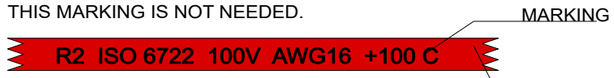
Date of modification	Modified by	Description		
19.4.2024	PF	G3: 2005054; Not modified	Date	5.7.2019
22.9.2021	VV	E3: NOT MODIFIED / REVISION RETURNED TO REV. E.	Drawing by	TuM
17.2.2023	RK	F3: NOT MODIFIED.	Sheet rev.	3
			Project rev.	G

NAVIX designed solutions
Copyright by

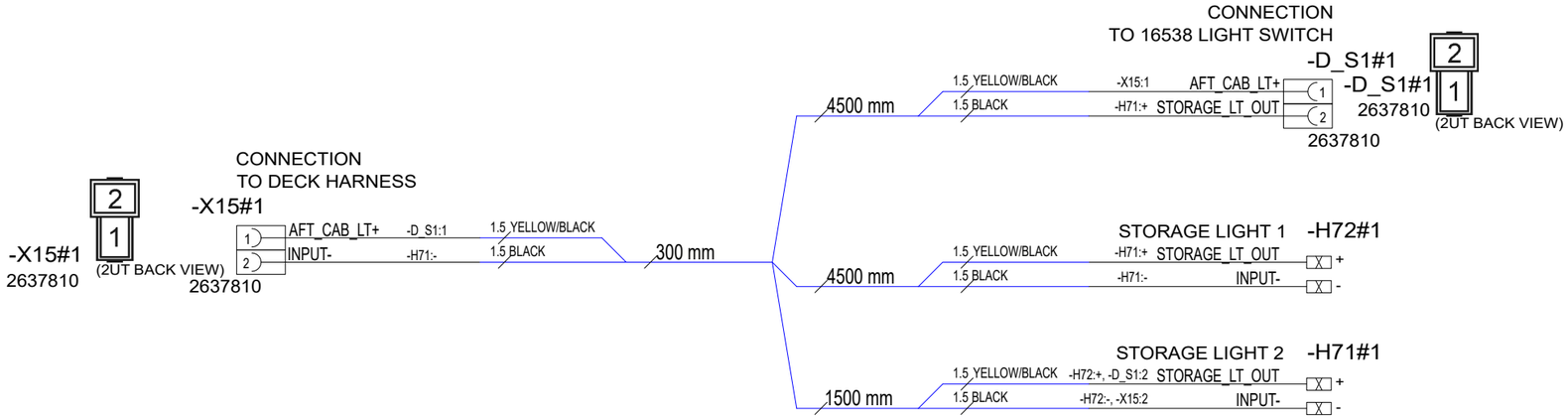
Boat	Sub-product code	Product code	Project ID
Axopar		30881	
Boat model	Title	HL	Sheet
37 MY20	POWER STEERING CABLES 2xPUMP	Loc	179 / 210

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

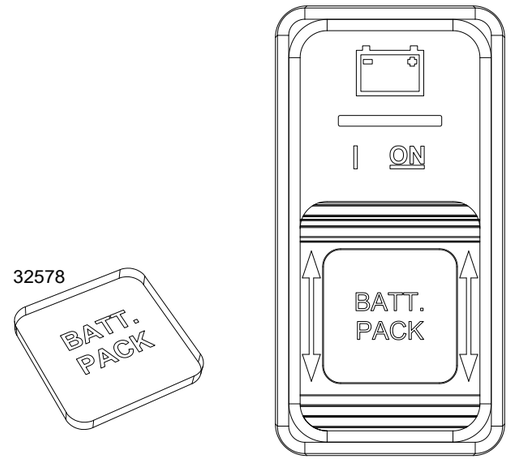
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.



EXAMPLE: RED 1,5mm2 WIRE MARKINGS.



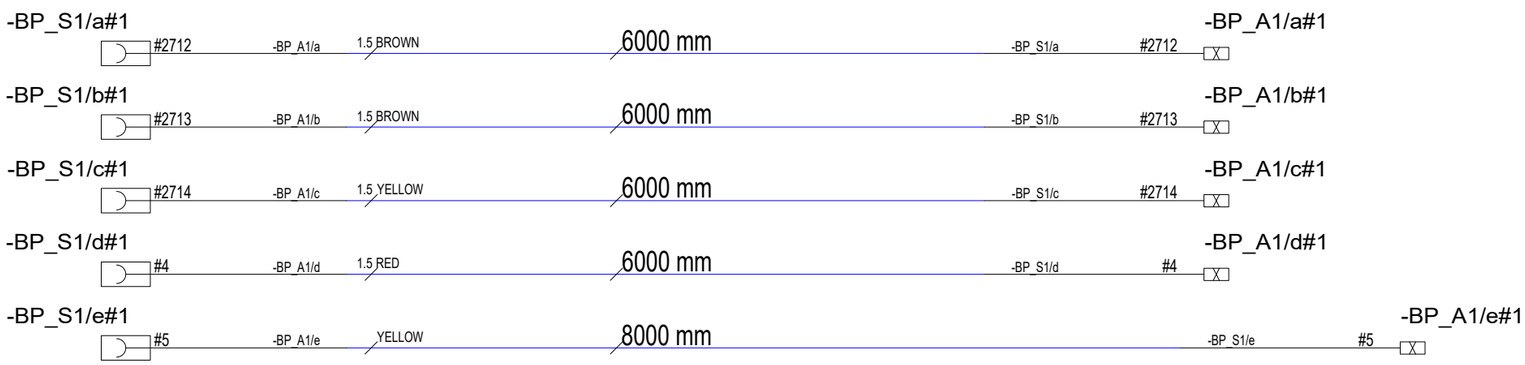
Date of modification	Modified by	Description							
22.9.2021	VV	E2: NOT MODIFIED / REVISION RETURNED TO REV. E.	Date	2.4.2020	NAVIX designed solutions	Axopar		32118	
17.2.2023	RK	F2: NOT MODIFIED.	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
19.4.2024	PF	G2: 2005054; Not modified	Sheet rev.	2		37 MY20	MULTISTORAGE LT HARNESS	HL	180 / 210
			Project rev.	G	Copyright by	Boat model	Title	Loc	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!

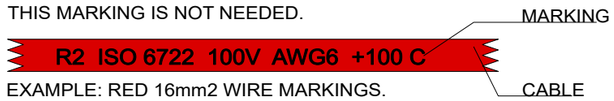
INCLUDED



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



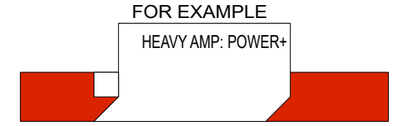
EXAMPLE: RED 16mm2 WIRE MARKINGS.

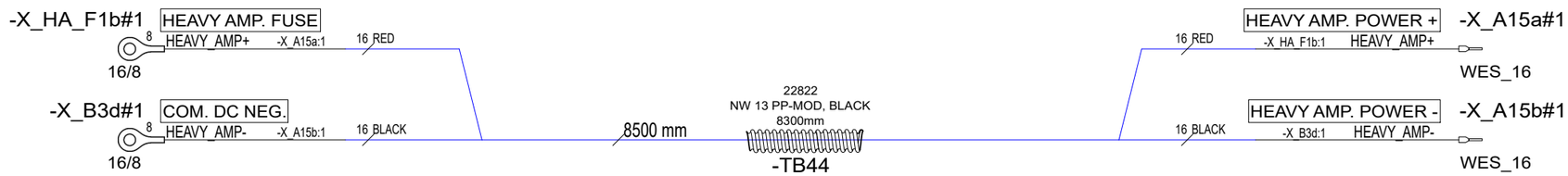
MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

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

NOTICE! CABLES WITH STICKER

FOR EXAMPLE



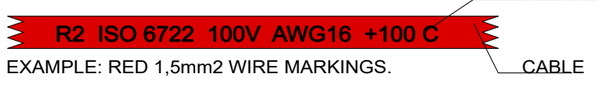


Date of modification	Modified by	Description						
17.2.2023	RK	F2: NOT MODIFIED.	Date	5.11.2020	Axopar		33378	
19.4.2024	PF	G2: 2005054; Not modified	Drawing by	TT	Boat	Sub-product code	Product code	Project ID
22.9.2021	VV	E2: NOT MODIFIED / REVISION RETURNED TO REV. E.	Sheet rev.	2	37 MY20	AMPLIFER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

Copyright by NAVIX designed solutions

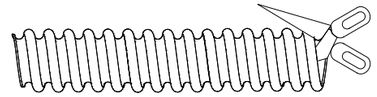
NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.

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

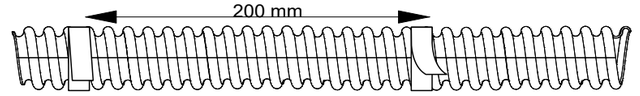


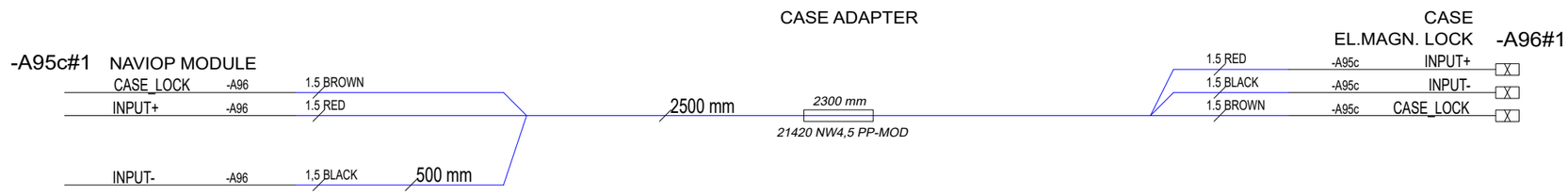
EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

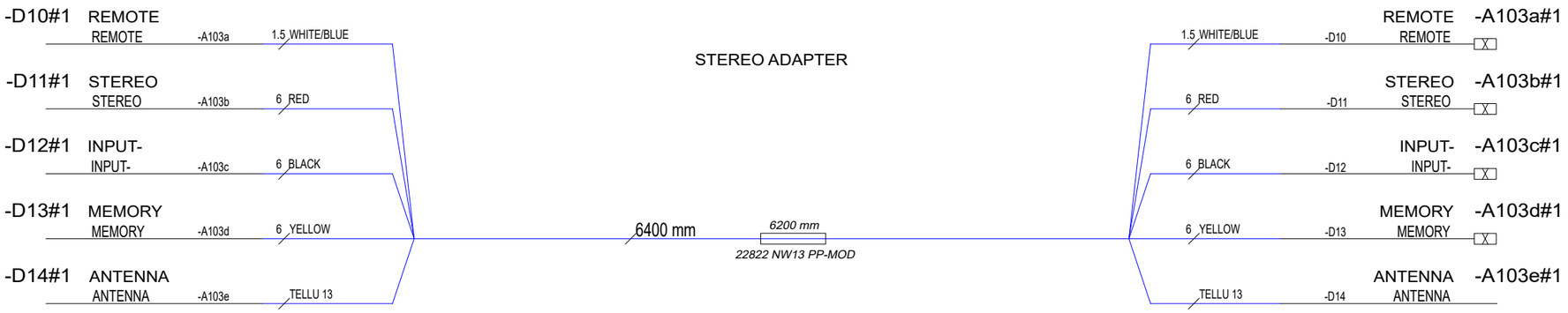
SPLIT TUBE IF NECESSARY



TAPE SPLITTED TUBE EVERY 200 mm



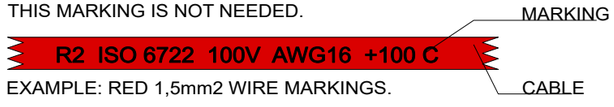




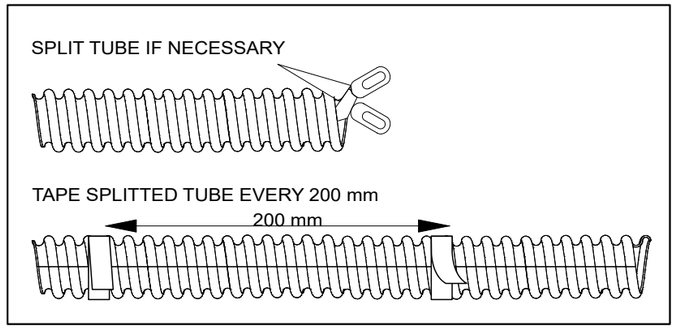
17.2.2023	RK	F2: NOT MODIFIED.	Date	5.11.2020	NAVIX designed solutions	Axopar		33379	
19.4.2024	PF	G2: 2005054; Not modified	Drawing by	TT		Boat	Sub-product code	Product code	Project ID
22.9.2021	VV	E2: NOT MODIFIED / REVISION RETURNED TO REV. E.	Sheet rev.	2		37 MY20 SHADOW	CASE+STEREO+ FR CAB. FL LT	HL	183 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

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

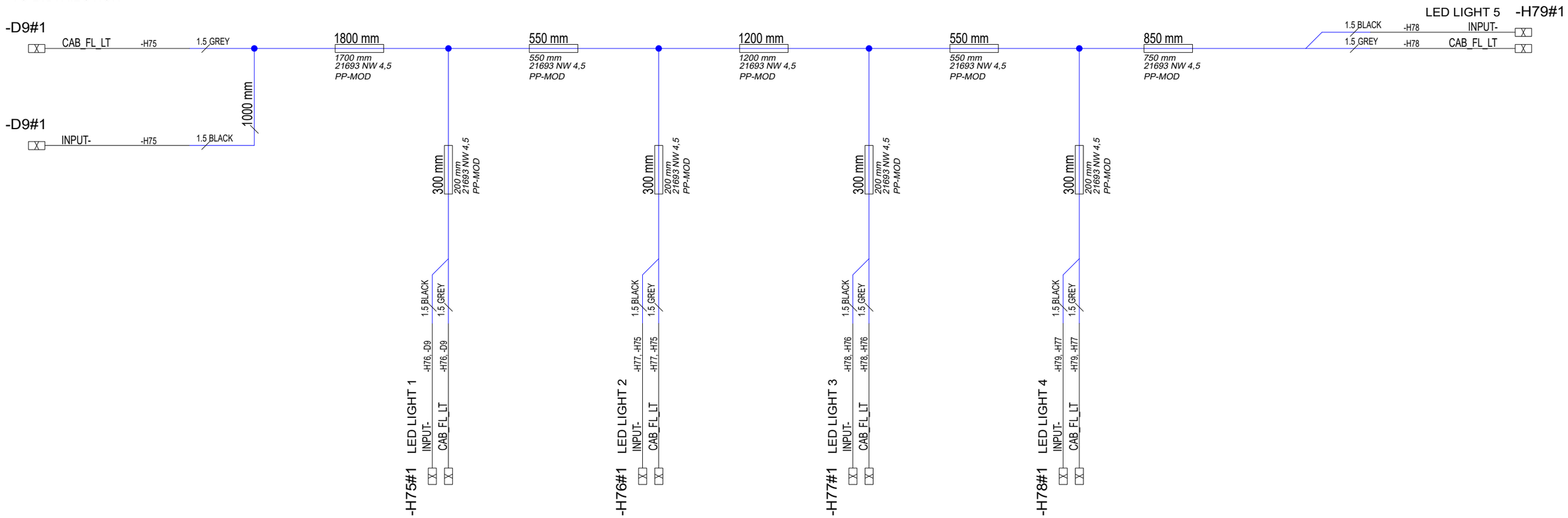
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.



EXAMPLE: RED 1,5mm2 WIRE MARKINGS.



TO DISTRIBUTION



17.2.2023	RK	F2: NOT MODIFIED.	Date	5.11.2020	NAVIX designed solutions	Axopar		33379	
19.4.2024	PF	G2: 2005054; Not modified	Drawing by	TT		Boat	Sub-product code	Product code	Project ID
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	Copyright by	Boat model	Title	Loc	Sheet

1.

-F_X.1
MAIN SUPPLY CONNECTION
COPPER BAR

-F_X1g--#1 MAIN SUPPLY CONNECTION
4 SOFT-T_F_INPUT+ -M_F6--:1 6 RED 90 mm
10022HQ
-F_X1f--#1 MAIN SUPPLY CONNECTION
6 AUTOP_F_INPUT+ -M_F5a--:1 10 RED 90 mm
10/6
-F_X1e--#1 MAIN SUPPLY CONNECTION
6 MAIN_4_INPUT+ -M_F4a--:1 10 RED 90 mm
10/6
-F_X1d--#1 MAIN SUPPLY CONNECTION
6 MAIN_3_INPUT+ -M_F3a--:1 10 RED 90 mm
10/6
-F_X1c--#1 MAIN SUPPLY CONNECTION
6 MAIN_2_INPUT+ -M_F2a--:1 10 RED 80 mm
10/6
-F_X1b--#1 MAIN SUPPLY CONNECTION
6 MAIN_1_INPUT+ -M_F1a--:1 10 RED 80 mm
10/6

70 mm

-F_X.2
DIRECT SUPPLY CONNECTION
COPPER BAR

-F_X2b--#1 DIRECT SUPPLY CONNECTION
6 DIRECT+ -D_F1--:1 4 RED 200 mm
10022HQ
-F_X2c--#1 DIRECT SUPPLY CONNECTION
6 DIRECT+ -D_F2--:1 4 RED 200 mm
10022HQ
-F_X2d--#1 DIRECT SUPPLY CONNECTION
6 DIRECT+ -D_F3--:1 4 RED 200 mm
10022HQ
-F_X2e--#1 DIRECT SUPPLY CONNECTION
6 DIRECT+ -D_F4--:1 6 RED 200 mm
10022HQ
-F_X2f--#1 DIRECT SUPPLY CONNECTION
6 DIRECT+ -D_F5--:1 2.5 RED 200 mm
10022HQ

50 mm

/187.A1

-M_F.1--#1
98H-40-A1B10-A00SB
MAIN 1: IN -M_F1a--#1 LINE 5 -F_X1b--:1 MAIN_1_INPUT+ 10 RED 30 mm
10/5
MAIN 1: OUT -M_F1b--#1 LOAD 5 -F3--:1 INPUT+ 6 RED
KR5
MAIN 1: OUT -M_F1c--#1 LOAD 5 -F8--:1 INPUT+ 6 RED
KR5

-M_F.2--#1
98H-40-A1B10-A00SB
MAIN 2: IN -M_F2a--#1 LINE 5 -F_X1c--:1 MAIN_2_INPUT+ 10 RED 30 mm
10/5
MAIN 2: OUT -M_F2b--#1 LOAD 5 -F13--:1 INPUT+ 6 RED
KR5
MAIN 2: OUT -M_F2c--#1 LOAD 5 -F18--:1 INPUT+ 6 RED
KR5

-M_F.3--#1
98H-40-A1B10-A00SB
MAIN 3: IN -M_F3a--#1 LINE 4 -F_X1d--:1 MAIN_3_INPUT+ 10 RED 30 mm
10/5
MAIN 3: OUT -M_F3b--#1 LOAD 5 -F24--:1 INPUT+ 6 RED
KR5
MAIN 3: OUT -M_F3c--#1 LOAD 5 -F28--:1 INPUT+ 6 RED
KR5

-M_F.4--#1
98H-40-A1B10-A00SB
MAIN 4: IN -M_F4a--#1 LINE 4 -F_X1e--:1 MAIN_4_INPUT+ 10 RED 30 mm
10/5
MAIN 4: OUT -M_F4b--#1 LOAD 5 -F33--:1 INPUT+ 6 RED
KR5
MAIN 4: OUT -M_F4c--#1 LOAD 5 -F38--:1 INPUT+ 6 RED
KR5

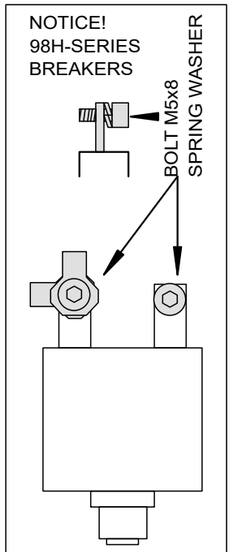
-M_F.5--#1
98H-40-A1B10-A00SB
AUTOPILOT CB: IN -M_F5a--#1 LINE 4 -F_X1f--:1 AUTOP_F_INPUT+ 10 RED 30 mm
10/5

-M_F.6--#1
98-25-A1B13-A00
SOFT TOP -M_F6--#1 1 2 -F_X1g--:1 SOFT-T_F_INPUT+ 6 RED 30 mm
-E_X.2a:1 SOFT_TOP 6 RED

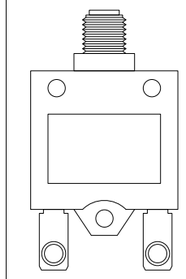
20 mm

/186.D1

NOTICE!
98H-SERIES
BREAKERS



98H-SERIES
BREAKERS
PINS.

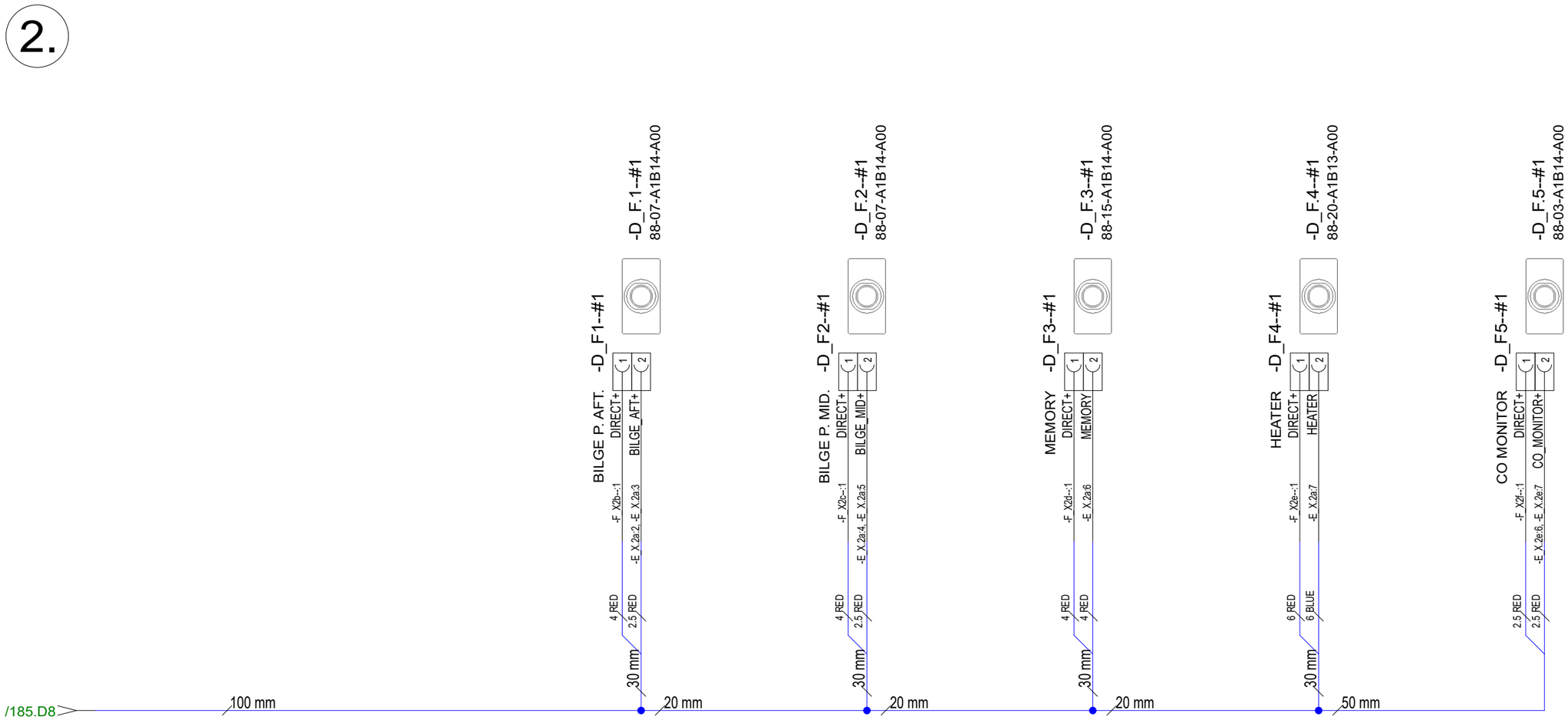


17.2.2023	RK	F3: -F18 IS NOW IN USE FOR WETBAR LT	Date	21.05.2021	NAVIX designed solutions	Axopar	SEE EXP VIEW	34828
23.11.2023	PF	F4: 2004954; Changed livewell fuse to 3A	Drawing by	TT		Boat	Sub-product code	Product code
13.4.2024	PF	G5: 2005054; F47 10A->16A, F3 15A->10A	Sheet rev.	5		37 MY20 SHADOW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

Project ID

185 / 210
Sheet

2.



17.2.2023	RK	F3: -F18 IS NOW IN USE FOR WETBAR LT	Date 21.05.2021	NAVIX designed solutions	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	Copyright by	Boat model	Title	Loc	Sheet

3.

/185.E3

230mm STOCK WIRE, RED 4mm2

50 mm

NAVIGATION LT -F1--#1 88-03-A1B14-A00 — INPUT+ — -E X.2b:1 NAV_LT_IN — 1.5 RED — 50 mm

MAIN CABIN LT -F2--#1 88-10-A1B14-A00 — INPUT+ — -E X.2b:2, -E X.2b:3, -E X.2b:4 MAIN_CAB_LT+ — 1.5 WHITE/YELLOW

FWD CABIN LT -F3--#1 88-10-A1B14-A00 — INPUT+ — -M F1b--:1 — -E X.2b:5 FWD_CAB_LT+ — 6 RED / 2.5 RED — 50 mm

AFT CABIN LT -F4--#1 88-15-A1B14-A00 — INPUT+ — -F43--:1 — -E X.2b:7, -E X.2b:8 AFT_CAB_LT+ — 2.5 RED / 2.5 RED

DECK LT -F5--#1 88-03-A1B14-A00 — INPUT+ — -E X.2b:9 DECK_LT+ — 1.5 WHITE/GREY

UW LT STB -F6--#1 88-10-A1B14-A00 — INPUT+ — -E X.2c:10, -E X.2b:10 UW_LT_STB+ — 4 RED — 50 mm

UW LT PORT -F7--#1 88-10-A1B14-A00 — INPUT+ — -E X.2b:11 UW_LT_PORT+ — 6 RED

SEARCH LT -F8--#1 88-15-A1B14-A00 — INPUT+ — -M F1c--:1 — -E X.2c:1 SEARCH_LT+ — 6 RED / 4 RED — 50 mm

HEATER CONTROL -F9--#1 88-03-A1B14-A00 — INPUT+ — -E X.2a:8 HEATER_C — 1.5 YELLOW/BLACK

CONTROL 1 -F10--#1 88-10-A1B14-A00 — INPUT+ — -E X.2f:9, -E X.2d:5 CONTROL_1 — 1.5 RED — 50 mm

CONTROL 2 -F11--#1 88-10-A1B14-A00 — INPUT+ — -E X.2f:10, -E X.2d:6, -E X.2f:6 CONTROL_2 — 1.5 WHITE/RED

PLOTTER 1 -F12--#1 88-03-A1B14-A00 — INPUT+ — -E X.2c:5 PLOTTER_1 — 2.5 RED

RADAR -F13--#1 88-05-A1B14-A00 — INPUT+ — -M F2b--:1 — -E X.2c:6 RADAR — 6 RED / 2.5 RED — 50 mm

VHF RADIO -F14--#1 88-07-A1B14-A00 — INPUT+ — -F44--:1 — -E X.2c:7 VHF_RADIO — 2.5 RED / 2.5 RED

HUB/NEP -F15--#1 88-05-A1B14-A00 — INPUT+ — -E X.2c:8 HUB_NEP — 2.5 RED — 50 mm

NMEA2000 -F16--#1 88-03-A1B14-A00 — INPUT+ — -E X.2c:9 NMEA2000 — 1.5 RED

STEREO -F17--#1 88-15-A1B14-A00 — INPUT+ — -E X.2d:1 STEREO — 4 RED

WETBAR LT -F18--#1 88-10-A1B14-A00 — INPUT+ — -M F2c--:1 — -E X.2d:2 WETBAR_LT — 6 RED / 2.5 RED — 50 mm

ZONE AMPLIFIER 2 -F19--#1 88-10-A1B14-A00 — INPUT+

TRIM -F20--#1 88-15-A1B14-A00 — INPUT+ — -E X.2d:4 TRIM — 4 RED

COPPER BAR

TOILET -F21--#1 98-25-A1B13-A00 — INPUT+ — -E X.2d:11 TOILET+ — 6 RED

WIPER -F22--#1 98-25-A1B13-A00 — INPUT+ — -F X3a-- WIPER+ — 4 RED

WINSCREEN WASH -F23--#1 88-10-A1B14-A00 — INPUT+ — -E X.2c:3 W_WASH+ — 1.5 GREY/RED — 50 mm

HORN -F24--#1 88-15-A1B14-A00 — INPUT+ — -M F3b--:1 — -E X.2c:4 HORN+ — 6 RED / 2.5 RED

SUMP PUMP -F25--#1 88-05-A1B14-A00 — INPUT+ — -F45--:1 — -E X.2d:9 SUMP_PUMP — 2.5 RED / 1.5 RED

LIVE WELL PUMP -F26--#1 88-03-A1B14-A00 — INPUT+ — -E X.2d:10 LIVE_WELL_PMP — 2.5 RED — 50 mm

12Vdc OUTLETS 1 -F27--#1 88-10-A1B14-A00 — INPUT+ — -F41--:1 — -E X.2f:8, -E X.2e:1 OUTLET_1 — 4 RED / 2.5 RED

12Vdc OUTLETS 2 -F28--#1 88-15-A1B14-A00 — INPUT+ — -M F3c--:1 — -E X.2e:2 OUTLET_2 — 6 RED / 2.5 RED

SWITCH PANEL AUX 1 -F29--#1 88-10-A1B14-A00 — INPUT+ — -E X.2e:3 AUX_1+ — 2.5 RED — 50 mm

SWITCH PANEL AUX 2 -F30--#1 88-10-A1B14-A00 — INPUT+ — -E X.2e:4 AUX_2+ — 2.5 RED

HELM EXTRA AUX 3 -F31--#1 88-10-A1B14-A00 — INPUT+ — -E X.2e:5 AUX_3+ — 2.5 RED

ISM RECEIVER -F32--#1 88-15-A1B14-A00 — INPUT+ — -E X.2g:1 ISM_RECEIVER — 2.5 GREY — 50 mm

ISM IGN -F33--#1 88-15-A1B14-A00 — INPUT+ — -M F4b--:1 — -E X.2g:2 ISM_IGN — 6 RED / 2.5 GREY

ISM RELAY UNIT -F34--#1 88-15-A1B14-A00 — INPUT+ — -F46--:1 — -E X.2g:3 ISM_REL_UNIT — 2.5 RED / 2.5 GREY

PLOTTER 2 -F35--#1 88-03-A1B14-A00 — INPUT+ — -E X.2c:11 PLOTTER_2 — 2.5 RED — 50 mm

GAS GRILL -F36--#1 88-05-A1B14-A00 — INPUT+ — -E X.2f:11 GRILL — 2.5 RED

NAVIOP / EGON -F37--#1 88-20-A1B13-A00 — INPUT+ — -F47--:1 — -E X.2h:1 EGON — 2.5 RED / 1.5 RED

OP-BOX -F38--#1 88-07-A1B14-A00 — INPUT+ — -M F4c--:1 — -E X.2h:2 NAVIOP — 6 RED / 1.5 RED

SPARE, 10A -F39--#1 88-10-A1B14-A00 — INPUT+

SPARE 5A -F40--#1 88-05-A1B14-A00 — INPUT+ — -E X.2d:3 SPARE — 6 RED

50 mm

/189.A5

/188.A4

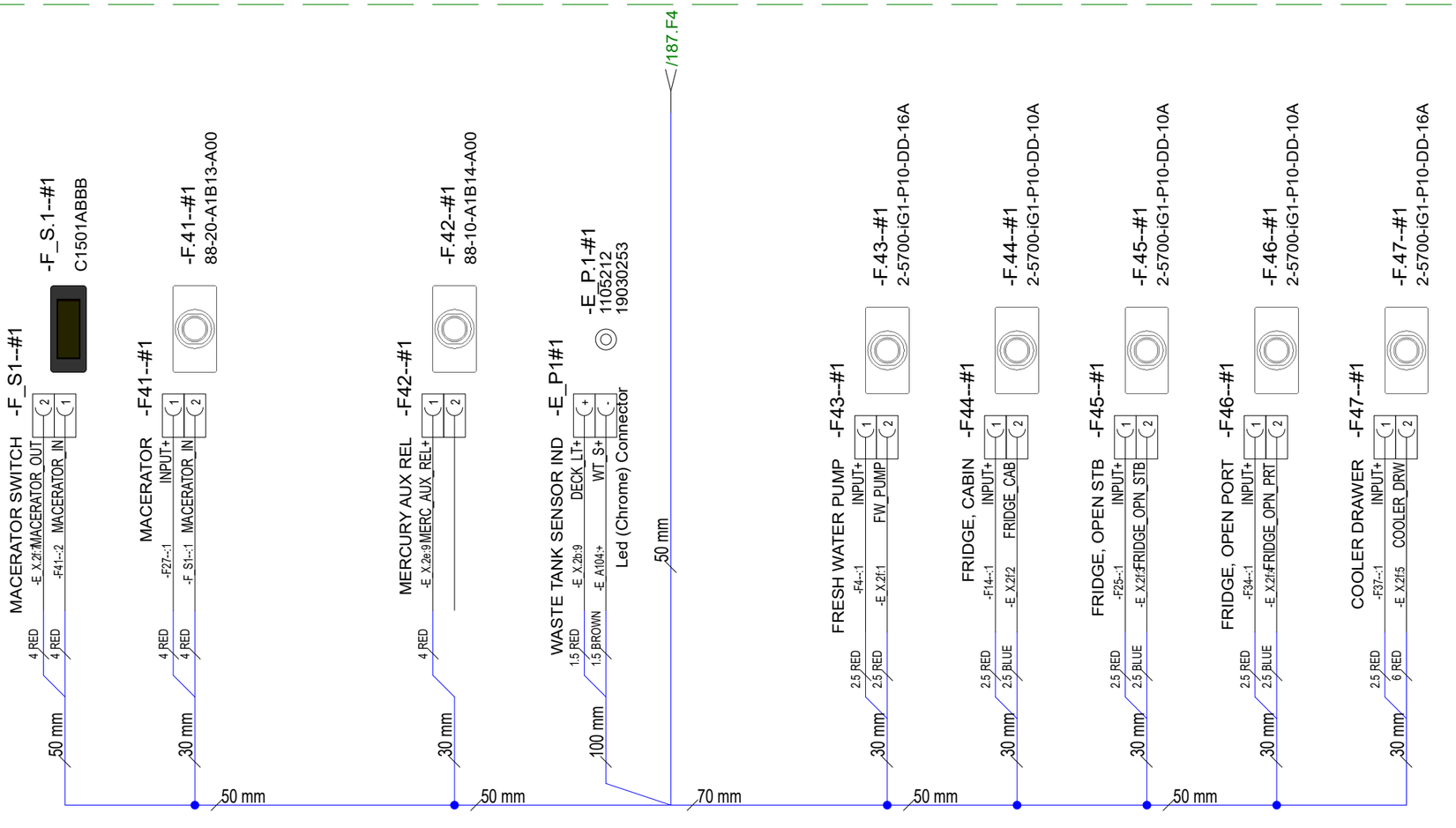
Date of modification	Modified by	Description
17.2.2023	RK	F3: -F18 IS NOW IN USE FOR WETBAR LT
23.11.2023	PF	F4: 2004954; Changed livewell fuse to 3A
13.4.2024	PF	G5: 2005054; F47 10A->16A, F3 15A->10A

Date 21.05.2021
Drawing by TT
Sheet rev. 5
Project rev. G

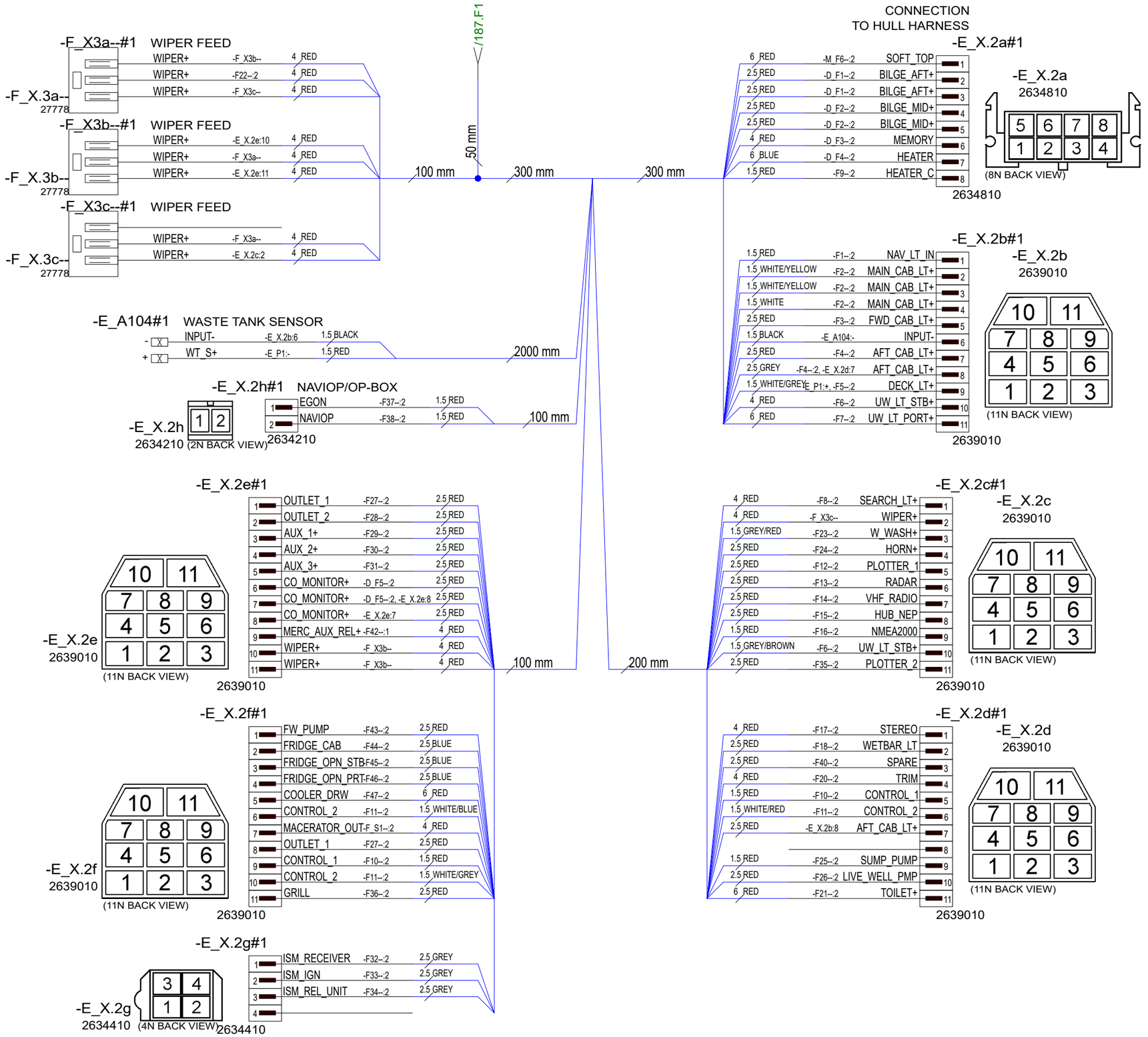
NAVIX designed solutions
Copyright by

Axopar — Boat
SEE EXP VIEW — Sub-product code
34828 — Product code
Project ID
37 MY20 SHADOW — Boat model
FUSE UNIT EU — Title
HL — Loc
187 / 210 — Sheet

4.



Date of modification	Modified by	Description							
17.2.2023	RK	F3: -F18 IS NOW IN USE FOR WETBAR LT	Date	21.05.2021	NAVIX designed solutions	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	188 / 210
			Project rev.	G	Copyright by	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.

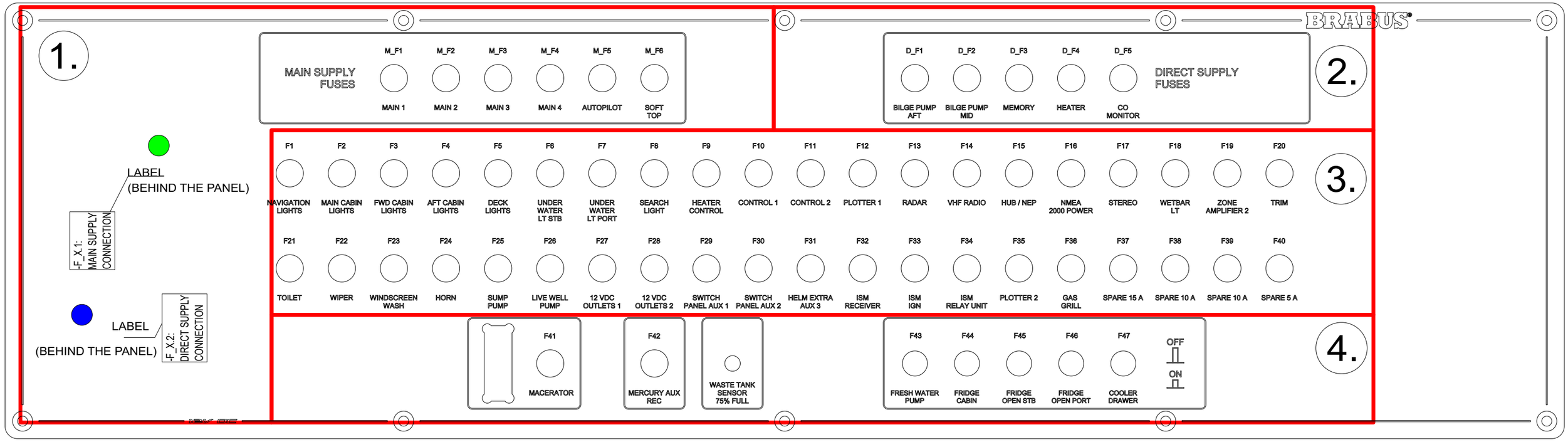
Date of modification	Modified by	Description
17.2.2023	RK	F3: -F18 IS NOW IN USE FOR WETBAR LT
23.11.2023	PF	F4: 2004954; Changed livewell fuse to 3A
13.4.2024	PF	G5: 2005054; F47 10A->16A, F3 15A->10A

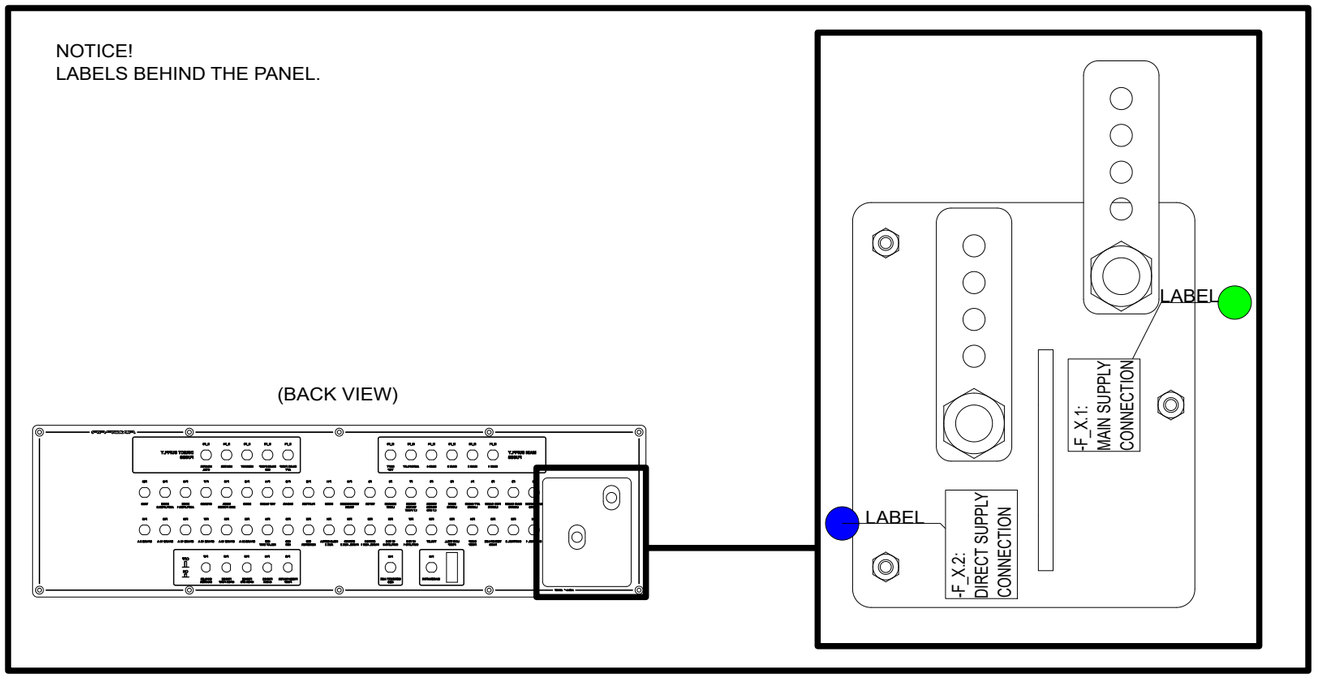
Date	21.05.2021
Drawing by	TT
Sheet rev.	5
Project rev.	G

NAVIX designed solutions
Copyright by

Axopar Boat	SEE EXP VIEW Sub-product code	34828 Product code	Project ID
37 MY20 SHADOW Boat model	FUSE UNIT EU Title	HL Loc	189 / 210 Sheet

FUSE PANEL GENERAL LAYOUT/ LABELS





Date of modification	Modified by	Description					
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
13.4.2024	PF	G5: 2005054; F47 10A->16A, F3 15A->10A	Sheet rev.	5	37 MY20 SHADOW	FUSE UNIT EU	HL
			Project rev.	G	Boat model	Title	Loc

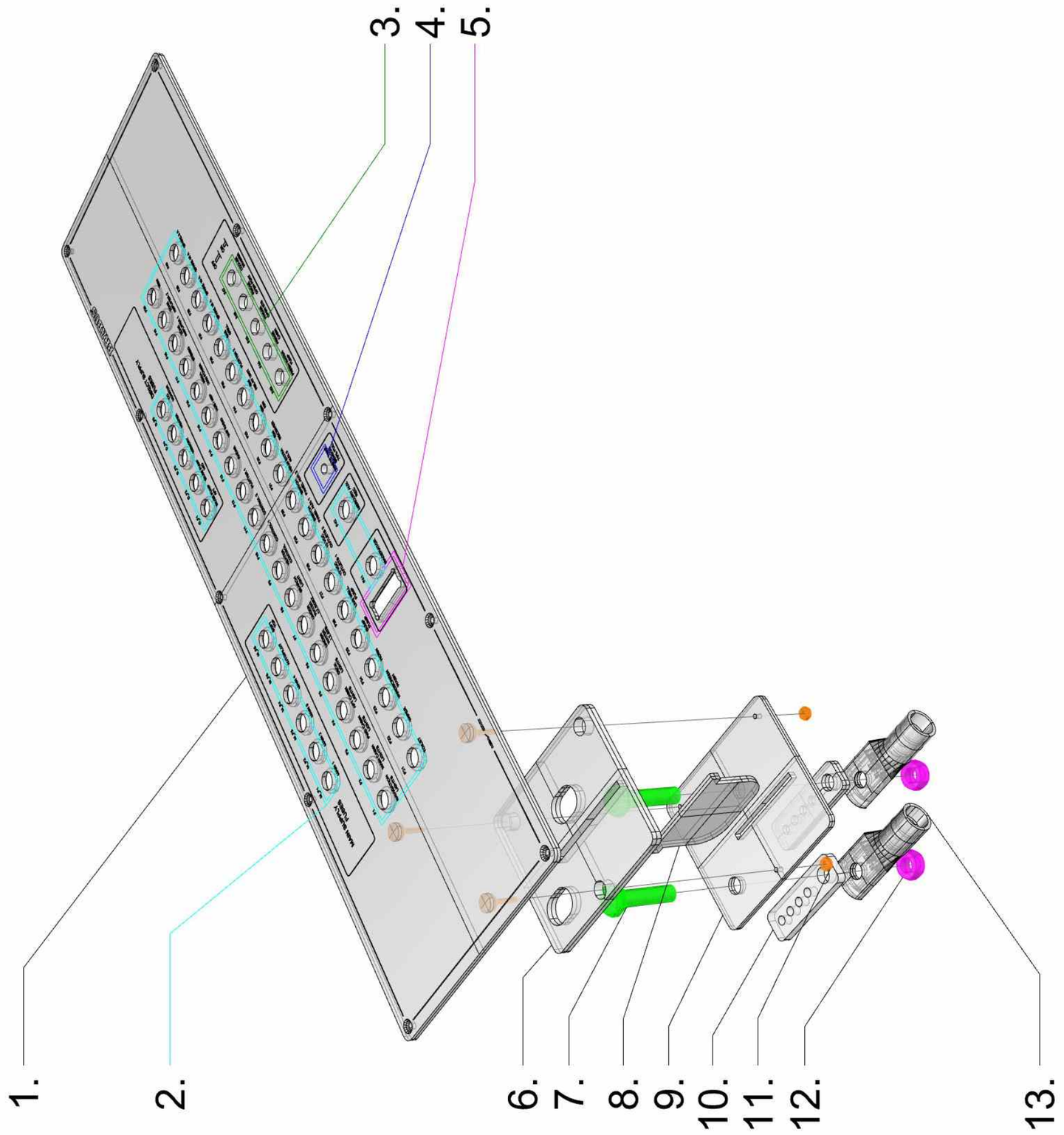
NAVIX designed solutions

Copyright by

Project ID

190 / 210 Sheet

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_BTM_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 19.05.2021

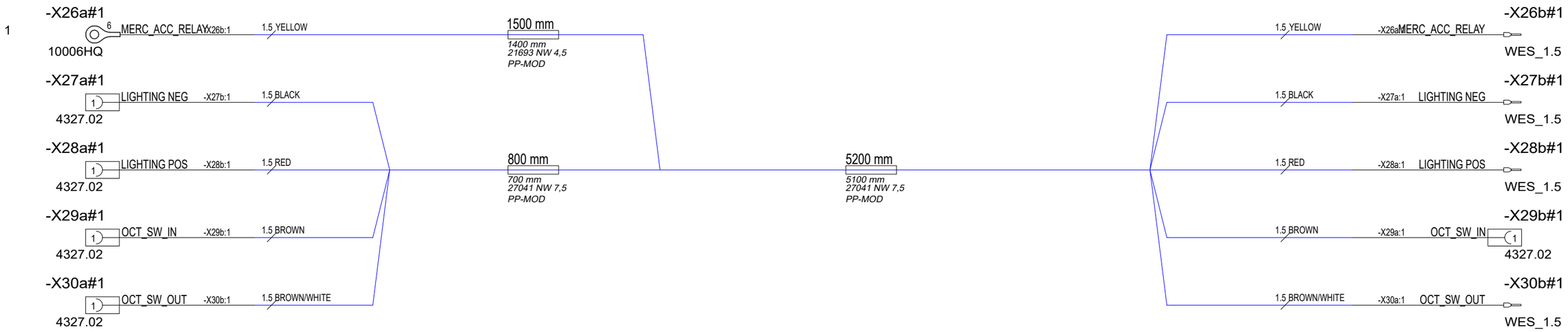
EXP VIEW

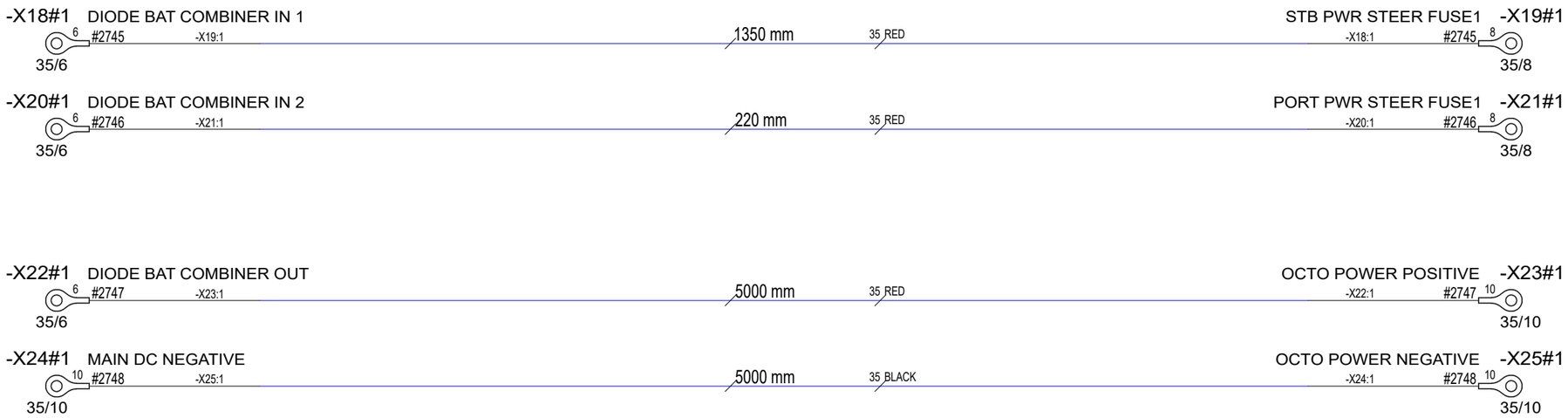
Date of modification	Modified by	Description
17.2.2023	RK	F3: -F18 IS NOW IN USE FOR WETBAR LT
23.11.2023	PF	F4: 2004954; Changed livewell fuse to 3A
13.4.2024	PF	G5: 2005054; F47 10A->16A, F3 15A->10A

Date	21.05.2021
Drawing by	TT
Sheet rev.	5
Project rev.	G

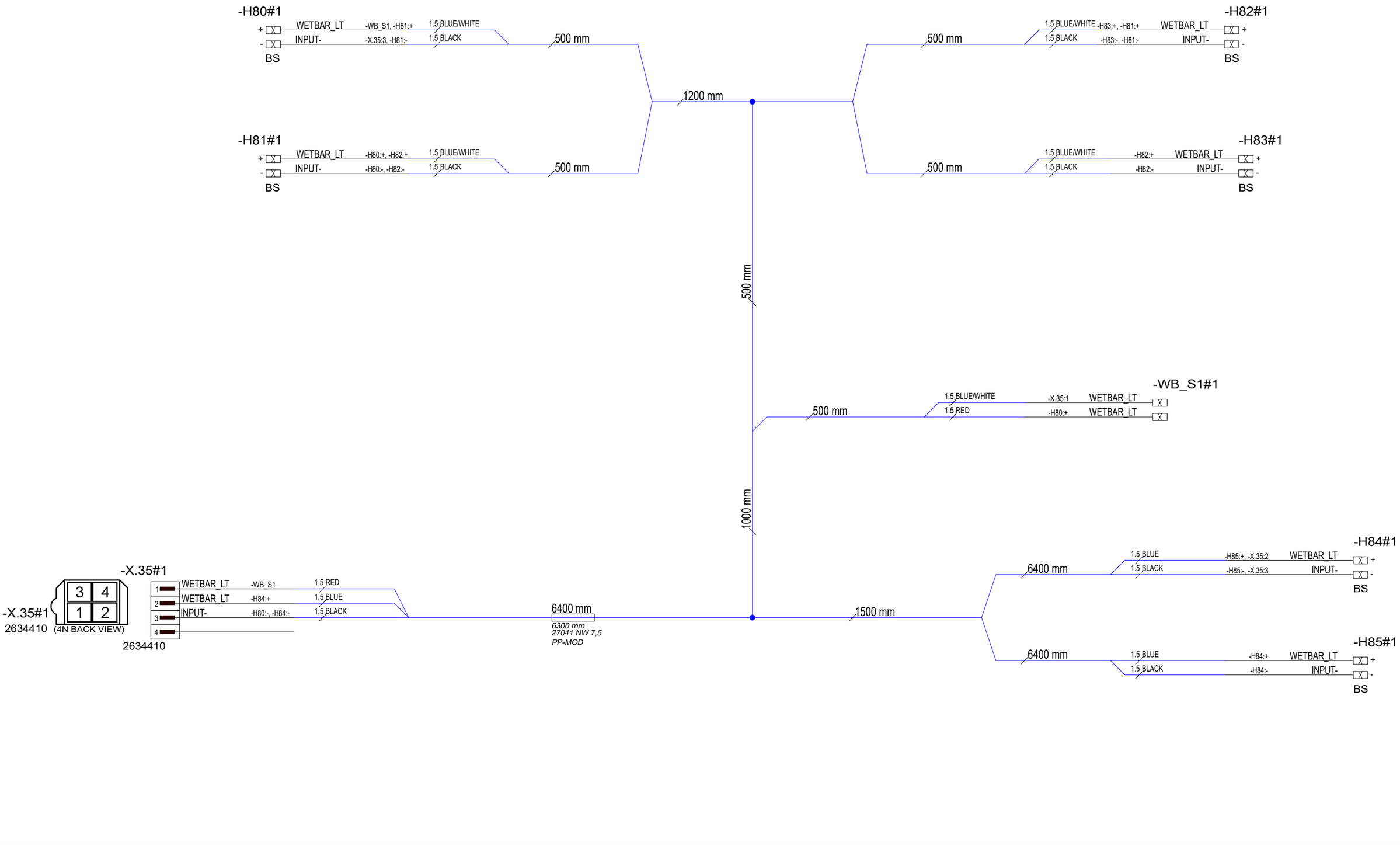
NAVIX designed solutions
Copyright by

Axopar Boat	SEE EXP VIEW Sub-product code	34828 Product code	Project ID
37 MY20 SHADOW Boat model	FUSE UNIT EU Title	HL Loc	191/ 210 Sheet





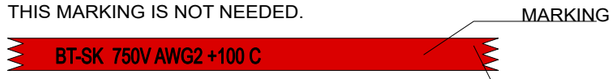
17.2.2023	RK	F1: INTRODUCED DRAWING	Date 13.2.2023	NAVIX designed solutions	Axopar		38424	
19.4.2024	PF	G1: 2005054; Not modified	Drawing by RK		Boat	Sub-product code	Product code	Project ID
			Sheet rev. 1		37 MY20 SHADOW	OCTO POWER HARNESS	HL	192 / 210
Date of modification	Modified by	Description	Project rev. G	Copyright by	Boat model	Title	Loc	Sheet



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



EXAMPLE: RED 50mm2 WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

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

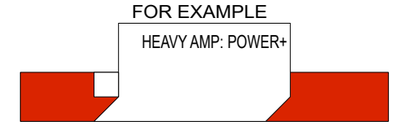
FOR EXAMPLE:
CABLE SIZE IS 70mm2 --> MARKING AWG2/0.

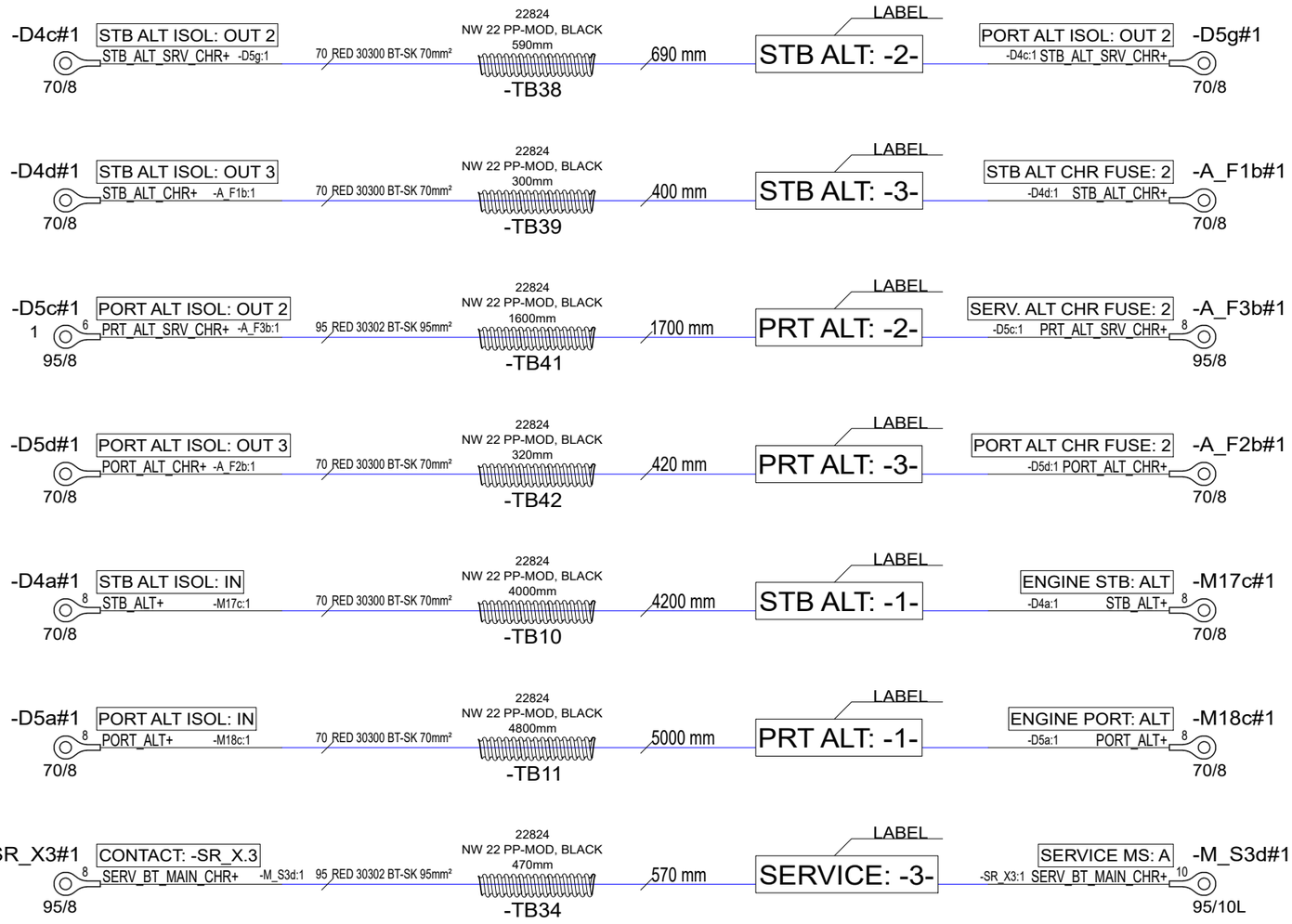
EQUIVALENCY:

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

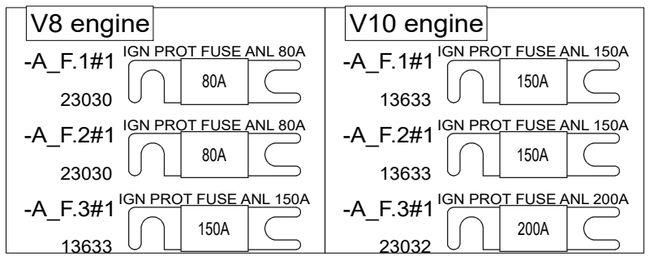
NOTICE! CABLES WITH STICKER

FOR EXAMPLE





Packed as separate sets and included



Customer installs correct fuses to
battery box according to engine type

Date of modification	Modified by	Description
26.9.2023	PF	E1: 2004855: Introduced drawing (Based on 29600)
13.10.2023	PF	F1: Import to F-revision
19.4.2024	PF	G1: 2005054; Not modified

Date	22.5.2019
Drawing by	TuM
Sheet rev.	1
Project rev.	G

NAVIX designed solutions
Copyright by

Axopar Boat		39902 Product code		
37 MY20 Boat model	ALTERNATOR CABLES V10 Title	HL Loc	194 / 210 Sheet	

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

EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.

MARKING

RK90/115 750Vac/ 1000Vdc AWG0 GR90/115 C

CABLE

EXAMPLE: RED 50mm2 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 70mm2 --> MARKING AWG2/0.

EQUIVALENCY:

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

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.

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

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

EQUIVALENCY:

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

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

-A_F5a#1 — 95/8 — BOW HA ALT CHR FUSE: 1 — 8 B_HA_BT_MN_CHR_F+ -BHA_F2a:1 — 95 RED 30302 BT-SK 95mm² — 22824 NW 22 PP-MOD, BLACK 9200mm — -TB14 — 9330 mm — BOW HA MAIN CHR FUSE: 1 — -A_F5a:1 B_HA_BT_MN_CHR_F+ 8 — 95/8 — -BHA_F2a#1

-B1e#1 — 95/10 — MAIN DC NEG. POINT PORT — 10 BOW_HA_BT- -G5b:1 — 95 BLACK — 22824 NW 22 PP-MOD, BLACK 9300mm — -TB15 — 9500 mm — BOW HEAVY AUX BT: - — -B1e:1 BOW_HA_BT- 8 — 95/8 — -G5b#1

-G5a#1 — 95/8 — BOW HEAVY AUX BT: + — 8 BOW_HA_BT_F+ -BHA_F1a:1 — 95 RED — 22824 NW 22 PP-MOD, BLACK 700mm — -TB16 — 900 mm — BOW HA MAIN FUSE: 1 — -G5a:1 BOW_HA_BT_F+ 8 — 95/8 — -BHA_F1a#1

-M_S4a#1 — 95/10 — HEAVY AUX BOW MS: A — 10 BOW_HA_BT+ -BHA_F1b:1 — 95 RED — 22824 NW 22 PP-MOD, BLACK 250mm — -TB17 — 600 mm — BOW HA MAIN FUSE: 2 — -M_S4a:1 BOW_HA_BT+ 8 — 95/8 — -BHA_F1b#1

-M_S4b#1 — 70/10 — HEAVY AUX BOW MS: B — 10 BOW_TH_F+ -BT_F1a:1 — 70 RED — 22824 NW 22 PP-MOD, BLACK 500mm — -TB18 — 700 mm — BOW TH FUSE: 1 — -M_S4b:1 BOW_TH_F+ 8 — 70/8 — -BT_F1a#1

-A16a#1 — 70/10 — BOW TH: POWER+ — 10 BOW_TH+ -BT_F1b:1 — 70 RED — 600 mm — BOW TH FUSE: 2 — -A16a:1 BOW_TH+ 8 — 70/8 — -BT_F1b#1

-A16b#1 — 70/10 — BOW TH: POWER- — 10 BOW_TH- -G5c:1 — 70 BLACK — 880 mm — BOW HEAVY AUX BT: - — -A16b:1 BOW_TH- 8 — 70/8 — -G5c#1

INCLUDED

LABEL
LABEL
-CH_F.5: BOW HA AC_CH CHR FUSE
LABEL
14978 ANL FUSE HOLDER
-CH_F.5#1
IGN PROT FUSE ANL 80A
23030
80A

20226 BLUE SEA ANL FUSE BLOCK 5503
-BHA_F.1#1
FUSE ANL 325A
33026
325A
1
2
LABEL
LABEL
LABEL
-BHA_F.1: BOW HA MAIN FUSE

31959 (WOC)
LABEL
-MC_S.4#1
16756
HEAVY AUX
HA MS CTRL SWITCH

20226 BLUE SEA ANL FUSE BLOCK 5503
-BT_F.1#1
FUSE ANL 325A
33026
325A
1
2
LABEL
LABEL
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.

BASE
COVER
1
(TOP VIEW)
2
LABEL
LABEL

LABEL
COVER
BASE
-BHA_F.1: BOW HA MAIN FUSE
(SIDE VIEW)
(with cover)

Date of modification	Modified by	Description
30.7.2024	PF	G3: 2005139; Cable lug changes
13.10.2023	PF	F1: Import to F-revision
11.4.2024	PF	G2: 2005054; Isol. link rem, CH_F5 &cables added, MC_S4 label, lengths

Date 22.5.2019
Drawing by TuM
Sheet rev. 3
Project rev. G

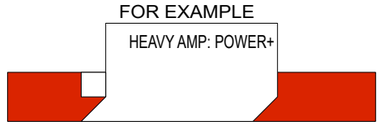
NAVIX designed solutions
Copyright by

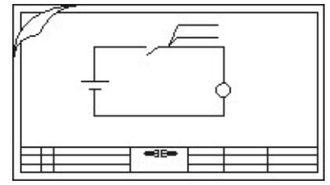
Boat	Sub-product code	Product code	Project ID
Axopar	31959	39903	

Boat model	Title	Loc	Sheet
37 MY20	BOW THRUSTER CABLE SET V10	HL	195 / 210

NOTICE! CABLES WITH STICKER

FOR EXAMPLE





DOCUMENTS INCLUDED:

39903 BOW THRUSTER CABLE SET

LABEL

BOW HA CHR CABLES

(TO TOP OF PACKAGE)

-CH2a#1	BATTERY CHARGER OUT+	BOW_HA_CHR_F+ -CH_F5b:1	25 RED	1000 mm	LABEL BOW HA CHR: -2-	BOW HA AC_CH CHR FUSE: 2	-CH2a: BOW_HA_CHR_F+	-CH_F5b#1
25/6							8	25/8
-A_F5c#1	BOW HA ALT CHR FUSE: 1	BOW_HA_CHR+ -CH_F5a:1	25 RED	1500 mm	LABEL BOW HA CHR: -3-	BOW HA AC_CH CHR FUSE: 1	-A_F5c:1 BOW_HA_CHR+	-CH_F5a#1
8 25/10L							8	25/8
-A_F5b#1	BOW HA ALT CHR FUSE: 2	STB_ALT_B_HA_CHR+ -D4b:1	95 RED 30302 BT-SK 95mm²	550 mm	LABEL BOW HA CHR: -4-	STB ALT ISOL: OUT 1	-A_F5b:1 STB_ALT_B_HA_CHR+	-D4b#1
8 95/8							6	1 95/8
-G5e#1	BOW HEAVY AUX BT: -	BOW_HA_BT- -CH2b#1:1	25 BLACK	2000 mm	LABEL BOW HA CHR: -5-	BATTERY CHARGER OUT-	-G5e#1:1 BOW_HA_BT-	-CH2b#1
8 25/8								25/6

PACKED TO OWN PACKAGE.

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.

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

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

EQUIVALENCY:

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

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.

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

Date of modification	Modified by	Description
30.7.2024	PF	G3: 2005139; Cable lug changes
13.10.2023	PF	F1: Import to F-revision
11.4.2024	PF	G2: 2005054; Isol. link rem, CH_F5 &cables added, MC_S4 label, lengths

Date	6.7.2019
Drawing by	TuM
Sheet rev.	3
Project rev.	G

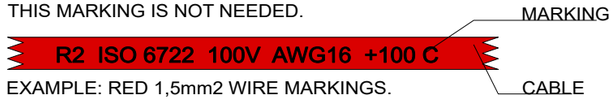
NAVIX designed solutions

Copyright by

Axopar		39903	
Boat	Sub-product code	Product code	Project ID
37 MY20	BOW THRUSTER CABLE SET V10	HL	196 / 210
Boat model	Title	Loc	Sheet

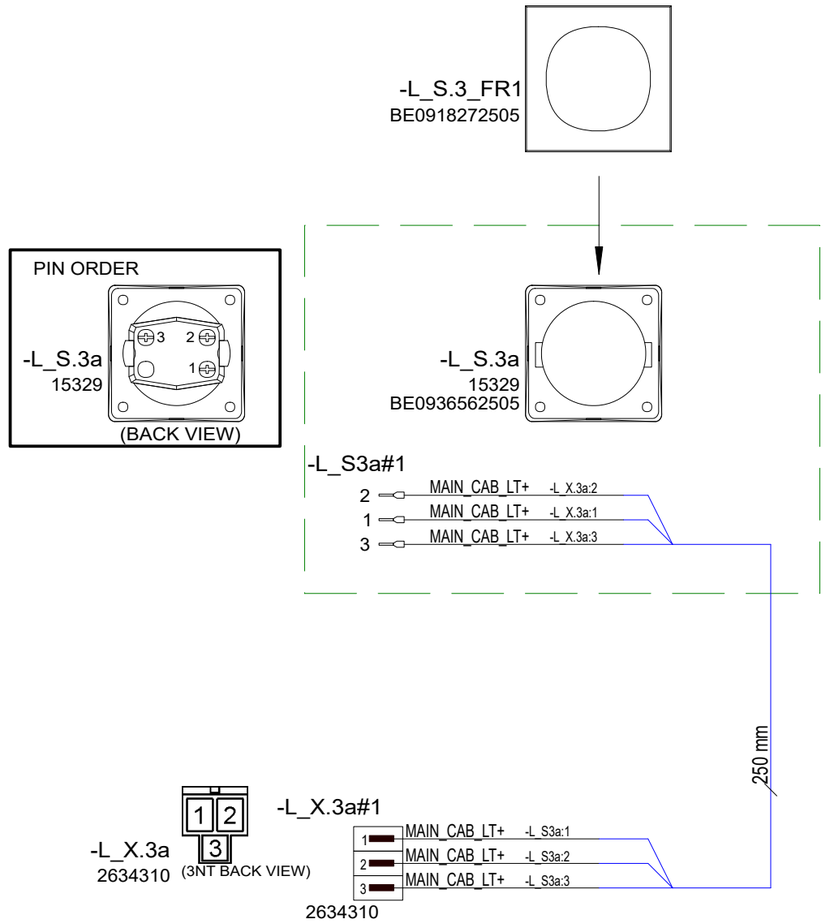
NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.

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



EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

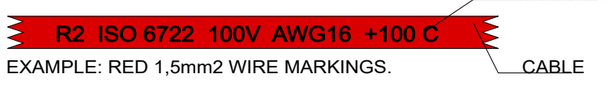
CUSTOMER: When no light pack is selected, install FOUR (4) pieces to main cabin



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

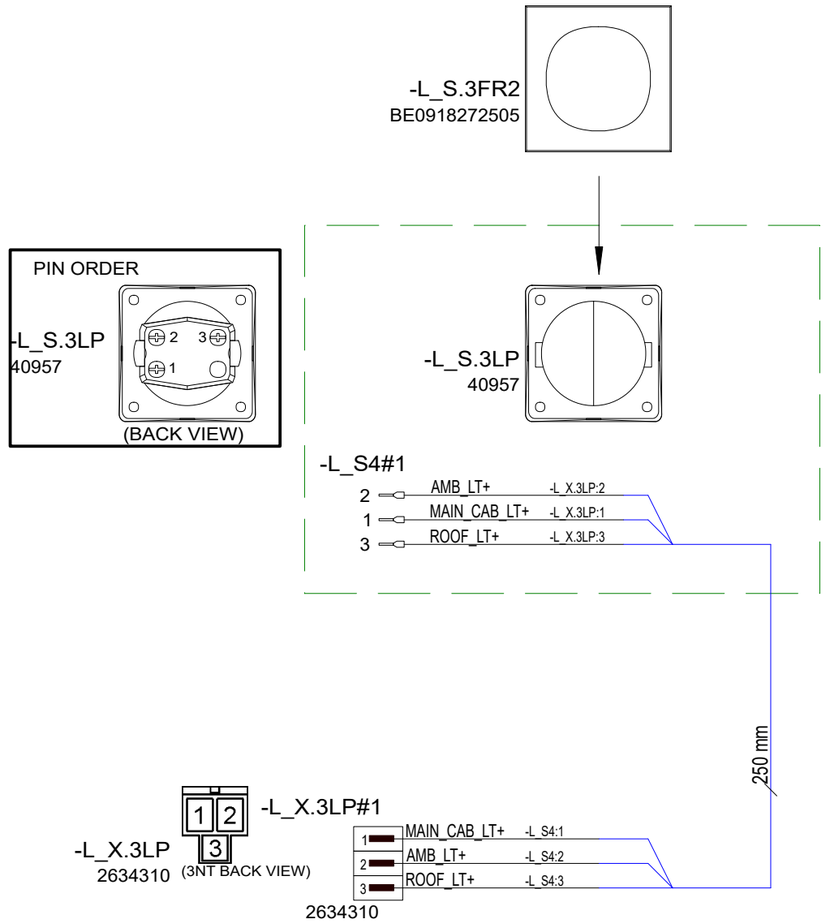
NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.

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



EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

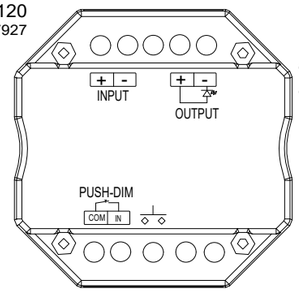
CUSTOMER: With light pack is selected, install TWO (2) pieces to main cabin



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

CUSTOMER: CONNECT BOTH CONNECTORS TO HULL HARNESS NEAR RELAY UNIT
NOTICE! FROM RELAY UNIT LEAVE RL_X.1g UNCONNECTED

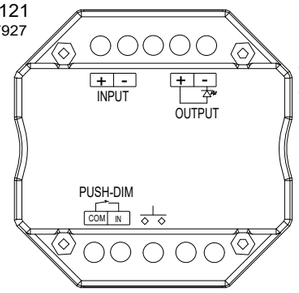
-A120
37927



-A120#1

OUTPUT +	MC_ROOF_LT	-RL_X.1ha:5
OUTPUT -	MC_ROOF_NEG	-RL_X.1ha:6
COM	MC_COM	-RL_X.1ga:7
IN	ROOF_DIM	-RL_X.1ha:1
V+	MAIN_CAB_LT+	-RL_X.1ga:5
V-	INPUT-	-RL_X.1ga:11

-A121
37927



-A121#1

OUTPUT +	MC_AMB_LT	-RL_X.1ha:7
OUTPUT -	MC_AMB_NEG	-RL_X.1ha:8
COM	MC_COM	-RL_X.1ha:4
IN	AMB_DIM	-RL_X.1ha:3
V+	MAIN_CAB_LT+	-RL_X.1ga:5
V-	INPUT-	-RL_X.1ga:11

100 mm

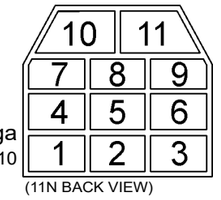
250 mm

-RL_X.1ga#1

-RL_X.1ga:3, -RL_X.1ha:1	ROOF_DIM	1	
-RL_X.1ga:4	AMB_DIM	2	
-RL_X.1ga:1	ROOF_DIM	3	
-RL_X.1ga:2, -RL_X.1ha:3	AMB_DIM	4	
-A120:V+, -A121:V+	MAIN_CAB_LT+	5	
-RL_X.1ga:7, -RL_X.1ha:2	MC_COM	6	
-RL_X.1ga:6, -A120:COM	MC_COM	7	
		8	
		9	
		10	
-A120:V-, -A121:V-	INPUT-	11	

2639010

-RL_X.1ga
2639010



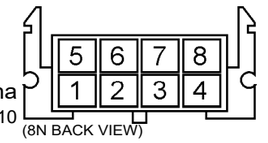
(11N BACK VIEW)

-RL_X.1ha#1

-A120:IN, -RL_X.1ga:1	ROOF_DIM	1
-RL_X.1ga:6, -RL_X.1ha:4	MC_COM	2
-A121:IN, -RL_X.1ga:4	AMB_DIM	3
-A121:COM, -RL_X.1ha:2	MC_COM	4
-A120:+	MC_ROOF_LT	5
-A120:-	MC_ROOF_NEG	6
-A121:+	MC_AMB_LT	7
-A121:-	MC_AMB_NEG	8

2634810

-RL_X.1ha
2634810



(8N BACK VIEW)

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

1. 1.5 RED/BLACK -PL_X.1 :1 NAV_LT_IN + 1.5 BLUE -PL_X.1 :2 DIM_COM- -

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

-A53_#1

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

/201.A2

2.

250 mm

1.5 RED/BLACK -A53_:+

1.5 BLACK -A53_:-

-PL_X.1_#1

NAV_LT_IN

DIM_COM-

2634210

-PL_X.1_#1 2634210 (2N BACK VIEW)

CONNECTED

-PL_-PL_X1_#1

NAV_LT_IN -XDIM1_:1, -X.6a_:1 1.5 RED/BLACK

DIM_COM- -S_XG1b_, -XDIM1_:3 1.5 BLUE 50 mm

2635210

-PL_X1_#1

2635210 (2U BACK VIEW)

-DIM.1_ 38658

-XDIM1_#1

1 RED_VCC

2 BLACK_GND

3 BLUE_COM

Connect during assembly!

-PL_X1_:1 NAV_LT_IN 1.5 RED

-X.6b_:10 INPUT- 1.5 BLACK

-PL_X1_:2 DIM_COM- 1.5 BLUE

-S_S.2_ 82-5151.2123 14077

-S_S2_#1 NAVIGATION LT

C NO NC + -

-X.6a_:4 NAV_LT_IN 1.5 RED

-S_S2_:+, -X.6a_:5 NAV_LT_OUT 1.5 RED

-S_S2_:NO NAV_LT_OUT 1.5 BLUE

-D2_:1 SW2- 1 GREY

50 mm

-S_S.3_ 82-5151.2123 14077

-S_S3_#1 ANCHOR LT

-X.6a_:4 NAV_LT_IN 1.5 RED

-X.6a_:6, -S_S3_:+ ANCH_LT_OUT 1.5 BLUE

-S_S3_:NO ANCH_LT_OUT 1.5 BLUE

-D3_:1 SW3- 1 GREY

50 mm

-S_S.4_ 82-5151.2123 14077

-S_S4_#1 DECK LT

-X.6a_:7 DECK_LT+ 1.5 WHITE/GREY

-X.6a_:11 DECK_LT 1.5 WHITE/GREY

-X.6a_:8 DECK_LT 1.5 WHITE/GREY

-D4_:1 SW4- 1 GREY

50 mm

-S_S.5_ 82-5151.1123 14075

-S_S5_#1 ROOF LT

-X.6c_:2 MC_COM 1.5 WHITE/YELLOW

-X.6c_:1 ROOF_DIM 1.5 WHITE/YELLOW

-X.6c_:6 MC_ROOF_LT 1.5 WHITE/YELLOW

-X.6c_:5 MC_ROOF_NEG 1 GREY

50 mm

-S_S.6_ 82-5151.1123 14075

-S_S6_#1 AMBIENT LT

-X.6c_:4 MC_COM 1.5 WHITE

-X.6c_:3 AMB_DIM 1.5 WHITE

-X.6c_:8 MC_AMB_LT 1.5 WHITE

-X.6c_:7 MC_AMB_NEG 1 GREY

50 mm

-S_S.7_ 82-5151.2123 14077

-S_S7_#1 WIPER

-X.6b_:4 UW_LT_STB+ 1.5 GREY/BROWN

-X.6b_:5 UW_LT_REL_C 1.5 GREY/BROWN

-X.6b_:8 UW_LT_STB 1.5 GREY/BROWN

-D7_:1 SW7- 1 GREY

-X.6a_#1

2639010

(11N BACK VIEW)

-X.6a_#1

NAV_LT_IN -PL_X1_:1 1.5 RED

NAV_LT_IN -S_S3_:C, -S_S2_:C 1.5 RED

NAV_LT_OUT -S_S2_:NO, -D1_:1 1.5 RED

ANCH_LT_OUT -S_S3_:NO, -D1_:2 1.5 BLUE

DECK_LT+ -S_S4_:C 1.5 WHITE/GREY

DECK_LT -S_S4_:+, -X.6a_:9 1.5 WHITE/GREY

DECK_LT -X.6a_:8, -X.6a_:10 1.5 WHITE/GREY

DECK_LT -X.6a_:9, -X.6a_:11 1.5 WHITE/GREY

DECK_LT -S_S4_:NO, -X.6a_:10 1.5 WHITE/GREY

2639010

-X.6c_#1

ROOF_DIM -S_S5_:NO 1.5 WHITE

MC_COM -S_S5_:C 1.5 WHITE/BLACK

AMB_DIM -S_S6_:NO 1.5 WHITE

MC_COM -S_S6_:C 1.5 WHITE/BLACK

MC_ROOF_NEG -S_S5_:- 1.5 YELLOW

MC_ROOF_LT -S_S5_:+ 1.5 RED

MC_AMB_NEG -S_S6_:- 1.5 YELLOW

MC_AMB_LT -S_S6_:+ 1.5 RED

-X.6c_

2634810

(8N BACK VIEW)

2634810

-D.1_ P600G 6A

-D1_#1

NAV_LT_OUT -X.6a_:5 1.5 RED

ANCH_LT_OUT -X.6a_:6 1.5 BLUE

BS_2 WITH SHRINK TUBE

250 mm

CONNECTION TO HULL HARNESS

-X.6b_#1

UW_LT_STB+ -S_S7_:C 1.5 GREY/BROWN

UW_LT_REL_C -S_S7_:NO 1.5 GREY/BROWN

UW_LT_STB -S_S7_:+ 1.5 GREY/BROWN

DIM_COM- -S_XG1a_ 1.5 BLUE

INPUT- -XDIM1_:2 1.5 BLACK

-X.6b_#1

2639010

(11N BACK VIEW)

2639010

300 mm

100 mm

-D_D1 - D_D15 = 1N4005

Cover with shrinktube!

SW. PANEL NEG. PORT -S_XG1a_#1

1.5 BLUE -X.6b_:9 DIM_COM-

1 GREY -S_S4_:- SW4- -D_D4_ -D_D4_:2 DIM_COM-

1 GREY -S_S2_:- SW2- -D_D2_ -D_D2_:2 DIM_COM-

1 GREY -S_S3_:- SW3- -D_D3_ -D_D3_:2 DIM_COM-

1.5 BLUE -S_XG1b_ DIM_COM-

-S_XG.1a_ 12743

SW. PANEL NEG. PORT -S_XG1b_#1

1.5 BLUE -S_XG1a_ DIM_COM-

1 GREY -S_S7_:- SW7- -D_D7_ -D_D7_:2 DIM_COM-

1.5 BLUE -PL_X1_:2 DIM_COM-

-S_XG.1b_ 12743

2.4.2024	PF	G1:2005054; New product	Date	2.4.2024	NAVIX designed solutions	Axopar	SEE EXP VIEW	41161	
			Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
			Sheet rev.	1		37 MY25	SWITCH PANEL LIGHT PACK	HL	200 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	Boat model	Title	Loc	Sheet

3.

/200.A8

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

-S_S.8_ 82-5151.2123 14077
-S_S.9_ 82-5151.1123 14075
-S_S.10_ 82-5151.1113 16449
-S_S.11_ 82-5151.2123 14077
-S_S.12_ 82-5151.2123 14077
-S_S.13_ 82-5151.2123 14077
-S_S.14-1_#1 82-5151.2123 14077

-S_S8_#1: C, NO, NC, +, - | WIPER, CONTROL_2, WIP_REL_C, WIP_SLOW, SW8- | -X.7a :1, -X.7a :2, -X.7a :7, -D D8 :1 | 1.5 WHITE/BLUE, 1.5 WHITE/BLUE, 1.5 WHITE/BLUE, 1 GREY
-S_S9_#1: C, NO, NC, +, - | W. WASHER, W_WASH+, W_WASH_REL_C, W_WASH, SW9- | -X.7a :3, -X.7a :4, -X.7b :7, -D D9 :1 | 1.5 GREY/RED, 1.5 GREY/RED, 1.5 GREY/RED, 1 GREY
-S_S10_#1: C, NO, NC, +, - | HORN, HORN+, HORN_REL_C, HORN+, SW10- | -S S10 :+, -X.7a :5, -X.7a :6, -S S10 :C, -D D10 :1 | 1.5 BROWN, 1.5 BROWN, 1.5 BROWN, 1 GREY
-S_S11_#1: C, NO, NC, +, - | BILGE P. MID, BILGE_MID+, BLG_MD_REL_C, BILGE_MID_MAN, SW11- | -X.7b :1, -X.7b :3, -X.7b :2, -D D11 :1 | 1.5 RED, 1.5 GREY, 1.5 RED, 1 GREY
-S_S12_#1: C, NO, NC, +, - | BILGE P. AFT, BILGE_AFT+, BLG_AFT_REL_C, BILGE_AFT_MAN, SW12- | -X.7b :4, -X.7b :6, -X.7b :5, -D D12 :1 | 1.5 RED, 1.5 GREY, 1.5 RED, 1 GREY
-S_S13_#1: C, NO, NC, +, - | AUX 1, AUX_1+, AUX_1_REL_C, AUX_1, SW13- | -X.7c :1, -X.7c :2, -X.7c :5, -D D13 :1 | 1.5 GREY/BLACK, 1.5 GREY/BLACK, 1.5 GREY/BLACK, 1 GREY
-S_S14-1_#1: C, NO, NC, +, - | AUX 2, AUX 2+, AUX_R_C/BOW_TH, AUX_2, SW14- | -X.7c :3, -X.7c :4, -X.7c :6, -D D14 :1 | 1.5 PURPLE/BLACK, 1.5 PURPLE/BLACK, 1.5 PURPLE/BLACK, 1 GREY

50 mm

LABEL:
AUX SW, -S_S14-1:
DEFAULT CONNECTION.

LABEL:
AUX SW, -S_S14-2:
OPTIONAL ISM CONNECTION

-S_S14-2_#1
ISM BOW THRUSTER SW
1.5 WHITE/BLACK -X.7d :1 ISM_BOW_TH_C (C)
1.5 BLACK -X.7a :8 INPUT- (NO)
(NC)
1.5 WHITE -X.7d :2 ISM_B_TH_SW_L+ (+)
1 GREY -D D15 :1 SW14- (-)

CONNECTION TO HULL HARNESS

-X.7a_#1 (2634810, 8N BACK VIEW)
1 CONTROL_2 -S_S8 :C 1.5 WHITE/BLUE
2 WIP_REL_C -S_S8 :NO 1.5 WHITE/BLUE
3 W_WASH+ -S_S9 :C 1.5 GREY/RED
4 W_WASH_REL_C -S_S9 :NO 1.5 GREY/RED
5 HORN+ -S_S10 :C 1.5 BROWN
6 HORN_REL_C -S_S10 :NO 1.5 BROWN
7 WIP_SLOW -S_S8 :+ 1.5 WHITE/BLUE
8 INPUT- -S_S14-2 :NO, -R1 1.5 BLACK

300 mm

-X.7b_#1 (2634810, 8N BACK VIEW)
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

-X.7c_#1 (2634810, 8N BACK VIEW)
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 -S_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 (2637710, 2NT BACK VIEW)
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

100 mm

1.5 BLACK -X.7a :8 INPUT- -R1_#1 -R1 R3K32_0.5W -R2 R3K32_0.5W

-A123_ 12743
1 GREY -S_S12 :- SW12- -D_D12 -D_D12 :2 INPUT-
1 GREY -S_S11 :- SW11- -D_D11 -D_D11 :2 INPUT-

-D_D1 - D_D15 = 1N4005
Cover with shrinktube!

SW. PANEL NEG. STB -S_XG2a_#1 12743
1.5 BLUE -X.7b :8 DIM_COM-
1 GREY -S_S8 :- SW8- -D_D8_ -D_D8 :2 DIM_COM-
1 GREY -S_S9 :- SW9- -D_D9_ -D_D9 :2 DIM_COM-
1 GREY -S_S10 :- SW10- -D_D10_ -D_D10 :2 DIM_COM-
1.5 GREY -S_XG2b DIM_COM-

SW. PANEL NEG. STB -S_XG2b_#1 12743
1.5 GREY -S_XG2a_ DIM_COM-
1 GREY -S_S13 :- SW13- -D_D13 -D_D13 :2 DIM_COM-
1.5 GREY -S_XG2c_ DIM_COM-

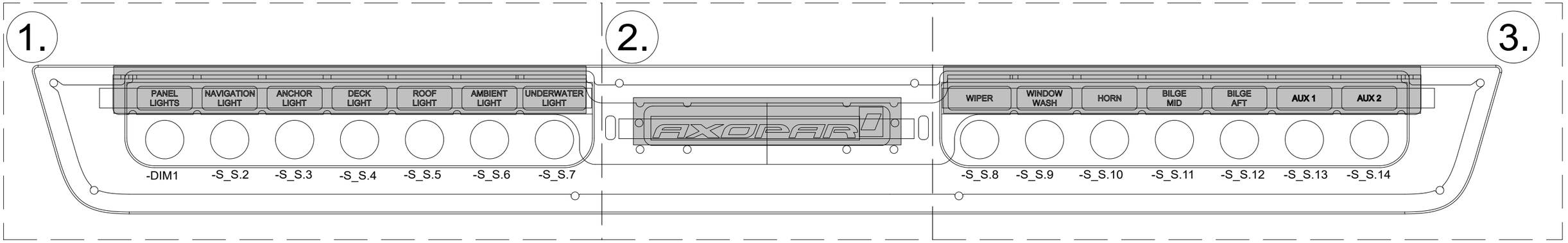
SW. PANEL NEG. STB -S_XG2c_#1 12743
1.5 GREY -S_XG2b_ DIM_COM-
1 GREY -S_S14-1 :- SW14- -D_D14 -D_D14 :2 DIM_COM-
1 GREY -S_S14-2 :- SW14- -D_D15 -D_D15 :2 DIM_COM-
1 GREY -S_S15 :- SW15- -D_D16_ -D_D16 :2 DIM_COM-
DIM_COM-

500 mm

(CUSTOMER INSTALLS TO LOCATION OUTSIDE PANEL)
-S_S15_#1
-S_S.15_ 82-5151.2123 14077
-S_S15_ 36345 GREY CONNECTOR (BACK VIEW)
NAVIGATION ON/OFF: C, NO, NC, +, - | CONTROL_2, NAV_ON, NAV_ON, SW15-
1.5 WHITE/BLUE -X.7c :7 CONTROL_2
1.5 ORANGE -X.7c :8 NAV_ON
1.5 ORANGE -X.7c :8 NAV_ON
1 GREY -D D16 :1 SW15-

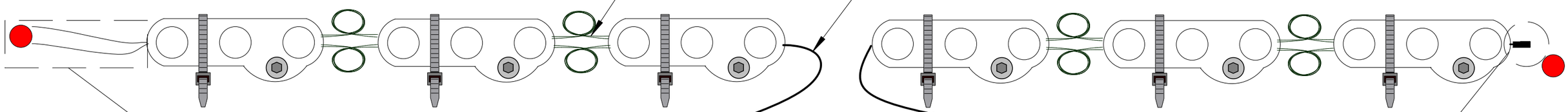
2.4.2024	PF	G1:2005054; New product	Date	2.4.2024	NAVIX designed solutions	Axopar	SEE EXP VIEW	41161	
			Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
			Sheet rev.	1	Copyright by	37 MY25	SWITCH PANEL LIGHT PACK	HL	201/ 210
Date of modification	Modified by	Description	Project rev.	G		Boat model	Title	Loc	Sheet

SWITCH PANEL GENERAL LAYOUT / LED MODULE CUTTING & FINISHING



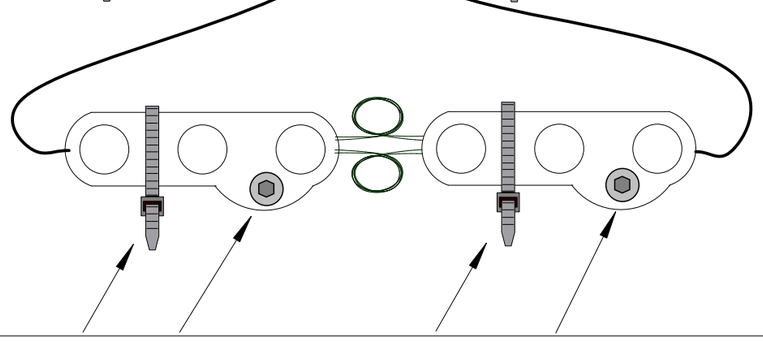
16704 - Led-module 3-pos. White - Nextec LM3X2853W 1369

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)

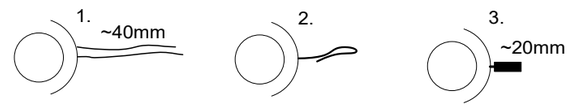
STRIP WIRE ENDS APPROX. 7mm AND CRIMP WIRES TO THE BUTT SPLICE CONNECTORS -A53.



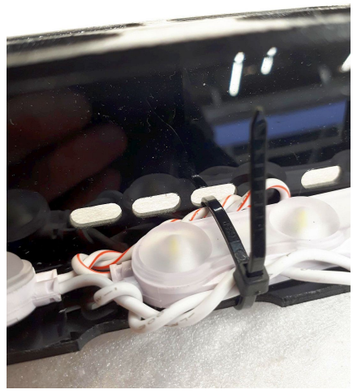
1. CUT THE WIRES APPROX. 40mm. (JUST CUT, DO NOT STRIP!)

2. BEND THE WIRES TO THE SHAPE OF "U".

3. ADD APPROX. 20mm OF HEAT SHRINK TUBE "17418"
OVER THE BENDED WIRES.



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

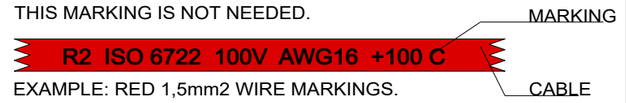


ATTACH ALL LED MODULES TO THE BRACKET 36371 WITH M3X12 BH HEX BOLT A4,
NUT M3 AND 2-SIDED TAPE. ADD CABLE TIE. SEE ALSO EXP. VIEW

TURN THE ENDS OF CABLE TIES TOWARDS TO THE PANEL!

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

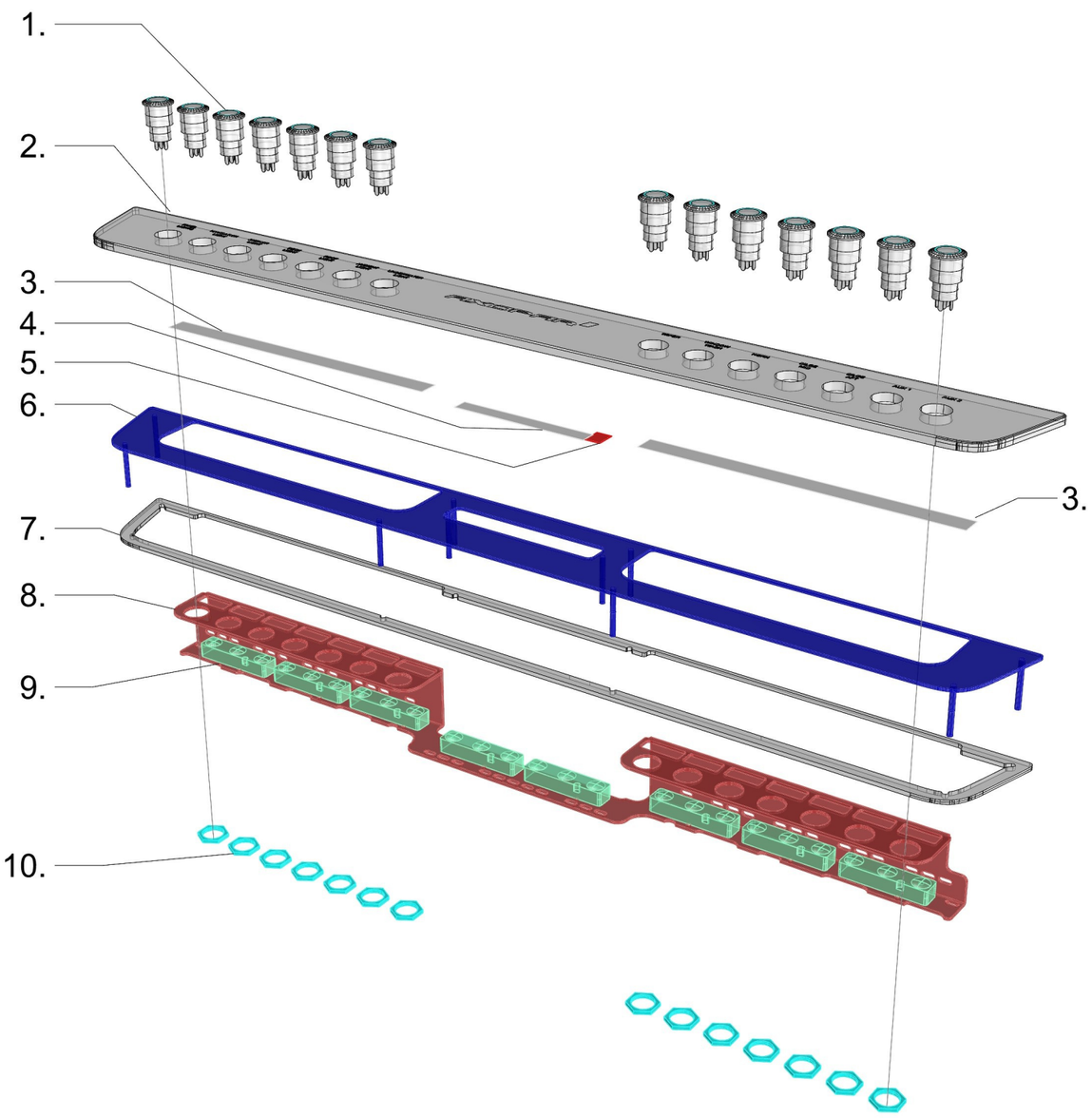
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.

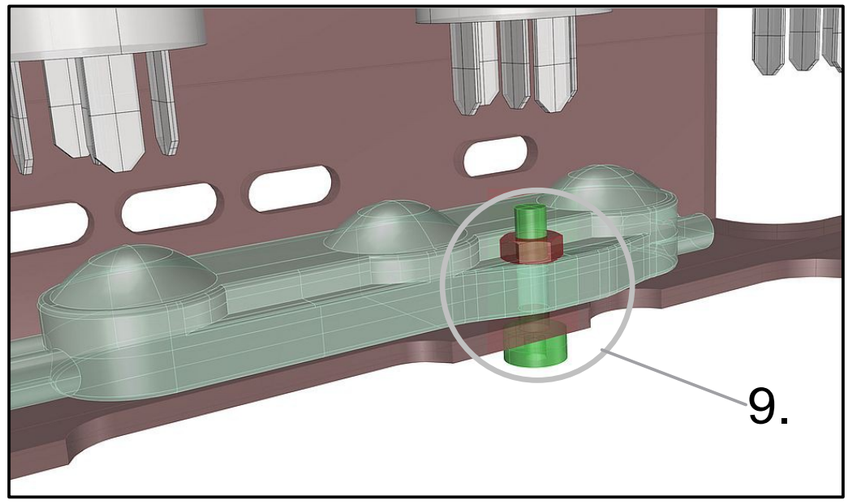


EXAMPLE: RED 1,5mm2 WIRE MARKINGS.

2.4.2024	PF	G1:2005054; New product	Date 2.4.2024	NAVIX designed solutions	Axopar	SEE EXP VIEW	41161	
			Drawing by TuM		Boat	Sub-product code	Product code	Project ID
			Sheet rev. 1	Copyright by	37 MY25	SWITCH PANEL LIGHT PACK	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

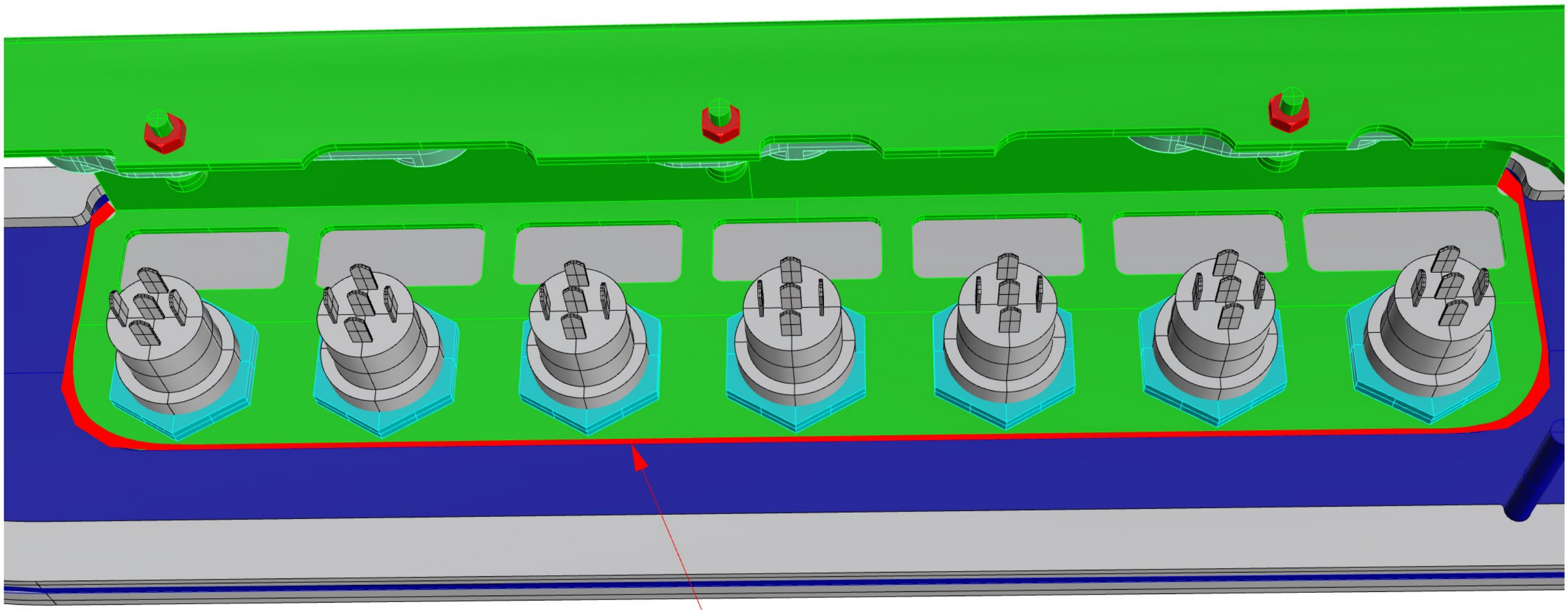
9. 8PCS 16704 LED MODULE WHITE ATTATCH TO 36371 WITH M3X12 BH HEX BOLT A4 AND NUT
ATTACH TO BRACKET WITH CABLE TIES AND 2-SIDED TAPE

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	
			Drawing by TuM		Boat	Sub-product code	Product code	Project ID
			Sheet rev. 1	Copyright by	37 MY25	SWITCH PANEL LIGHT PACK	HL	203 / 210
Date of modification	Modified by	Description	Project rev. G		Boat model	Title	Loc	Sheet



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

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

Project ID		
		204 / 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

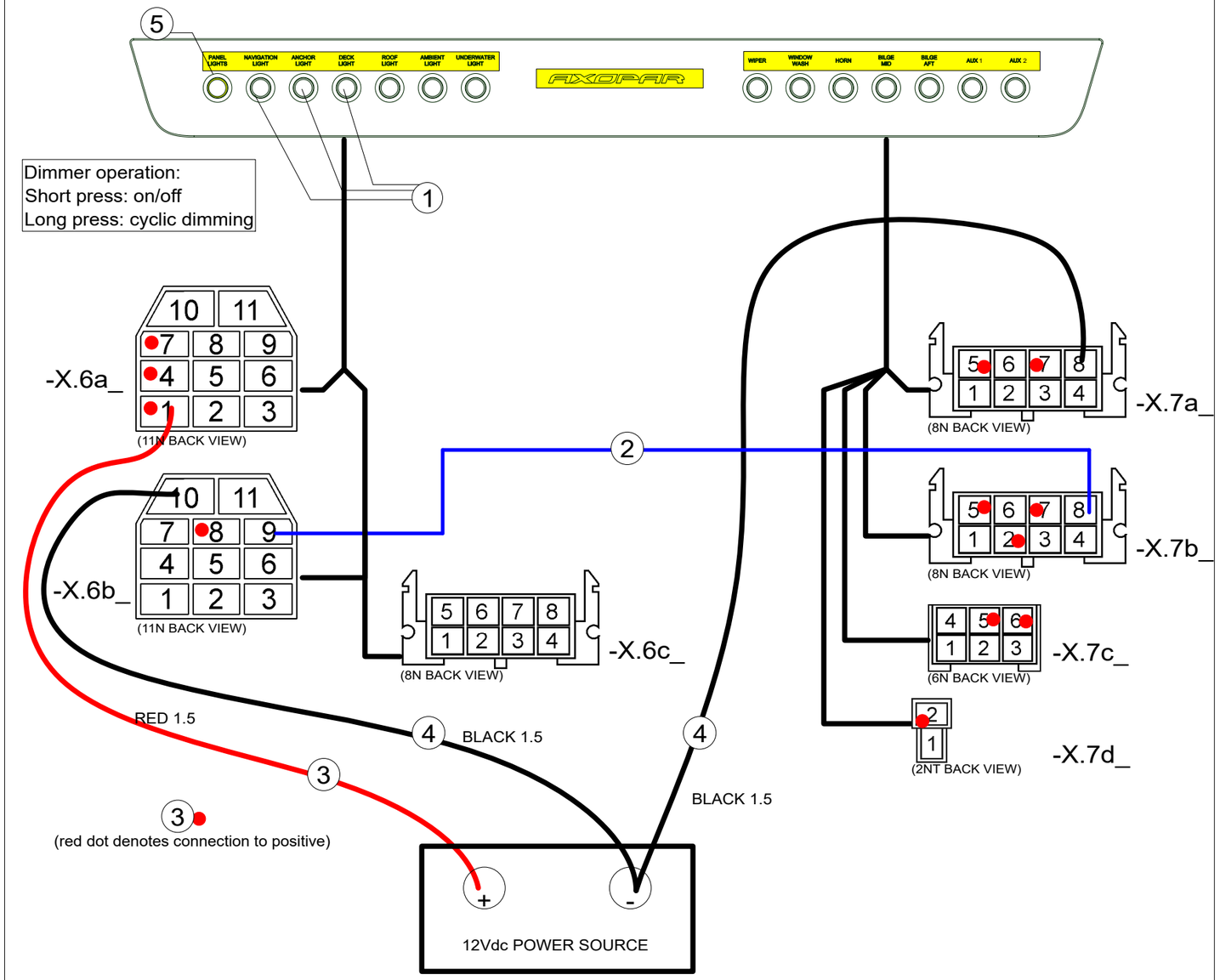
Connect negative (-)
X.6b_/10
X.7a_/8

PASS / FAIL

DATE _____

TESTED BY _____

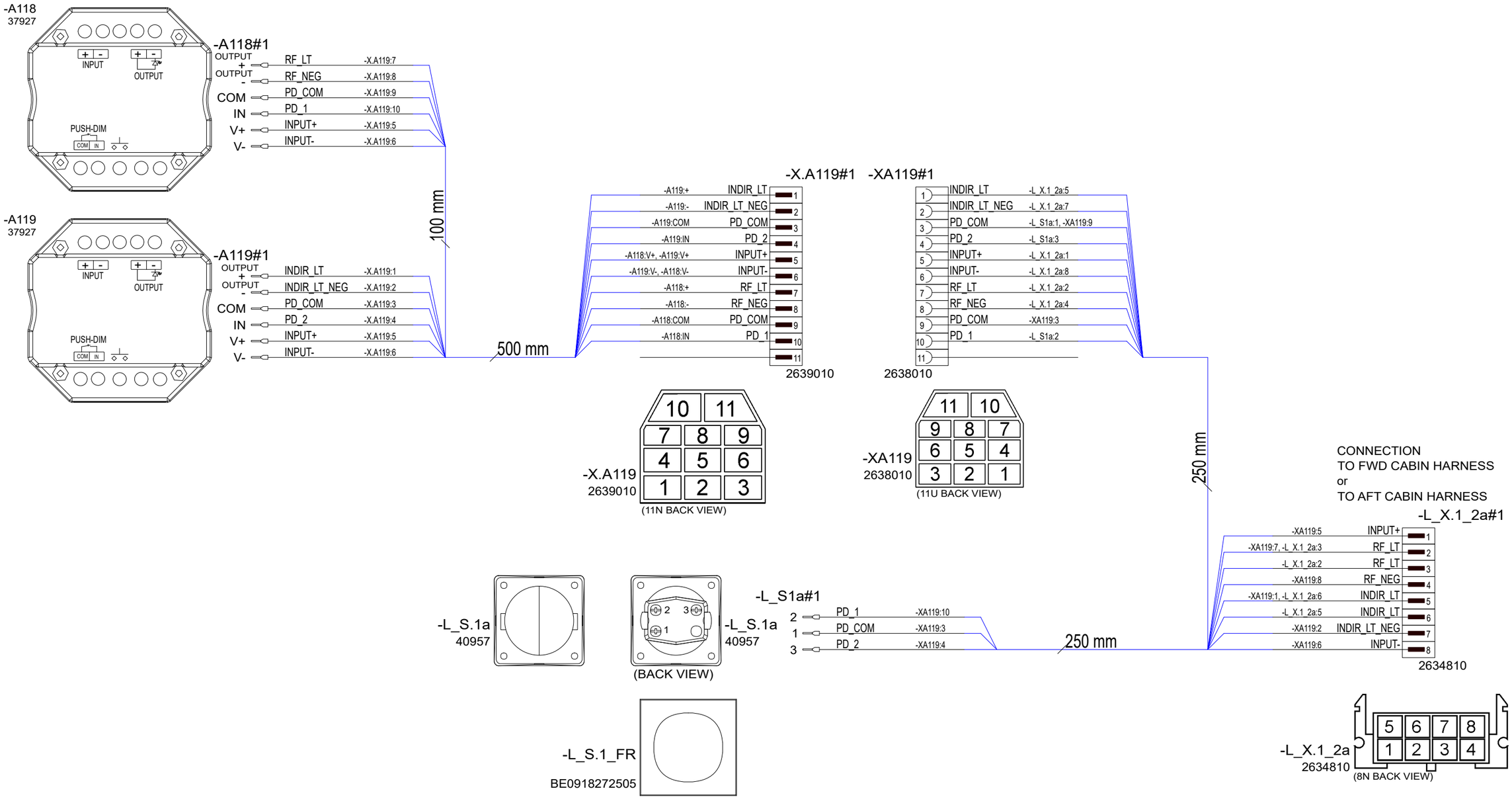
TEST INSTRUCTIONS



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

Project ID

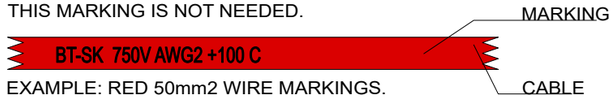
205 / 210
Sheet



8.4.2024	PF	G1: 2005054; New product	Date	27.3.2024	NAVIX designed solutions	Axopar		41196	
			Drawing by	PF		Boat	Sub-product code	Product code	Project ID
			Sheet rev.	1		37 MY25	FRONT AND AFT CABIN LIGHT SWITCH	HL	206 / 210
Date of modification	Modified by	Description	Project rev.	G	Copyright by	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.



EXAMPLE: RED 50mm2 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 70mm2 --> MARKING AWG2/0.

EQUIVALENCY:

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

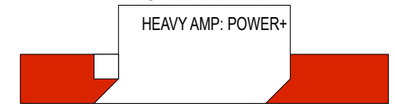
IN LINE FUSE ASSEMBLY
TOTAL LENGTH: APPROX. 250mm

LABEL -D2_F.1
-D2_F.1#1
10A
24259
HOLDER: 10833

-D2f#1 HA A. MOSFET: IG — ISOL_IG 1 — 4425.02
6 IN-LINE_FUSE RED — 100mm
-D2_F1a#1
-D2_F1b#1
100mm — 6 IN-LINE_FUSE RED
-D2g#1 HA A. MOSFET: OUT 2 — -D2_F1b ISOL_IG_F+ 6 — 1 — 10022HQ

NOTICE! CABLES WITH STICKER

FOR EXAMPLE



LABEL
-MS5_CF.1#1
10A
24259

-M_S5d#1 10 A_HA_MS_C_RED -MS5_CF1:1 — 3314.02
1.5 RED
250 mm
-MS5_CF1#1 1 — -M_S5d:1 A_HA_MS_C_RED — X 1
HOLDER: 31516 Waterproof ATO/ATC
-MS5_CF1/2 — SHK
(Customer: connect to battery box harness)

-M_S5c#1 STERN TH MS: A — 10 STERN_TH_CH -AHA2b:1 — 70/10L
70 RED 30300 BT-SK 70mm²
250 mm
-M_S5c:1 STERN_TH_CH 10 — STERN ALT CH FUSE -AHA2b#1 — 70/10

-AHA2a#1 STERN ALT CH FUSE — 10 PRT_ALT_STRN_CHR+ -D5b:1 — 70/10
1500 mm
70 RED 30300 BT-SK 70mm²
22824
1400 mm
NW22 PP-MOD BLACK
-AHA2a:1 PRT_ALT_STRN_CHR+ — PORT ALT ISOL: OUT 1 -D5b#1 — 70/8

-M_S5b#1 STERN TH MS: B — 10 STERN_TH_OUT -A117a:B+ — 95/10L
95 RED 30302 BT-SK 95mm²
1800 mm
22824
1700 mm
NW22 PP-MOD BLACK
-M_S5b:1 STERN_TH_OUT 10 — STERN TH CTRL BOX: + -A117a#1 — 95/10

-B1q#1 MAIN DC NEG. POINT — 10 STERN_TH- -A117b:B- — 95/10
95 BLACK 30303 BT-SK 95mm²
500 mm
22824
400 mm
NW22 PP-MOD BLACK
-B1q:1 STERN_TH- 10 — STERN TH CTRL BOX: - -A117b#1 — 95/10

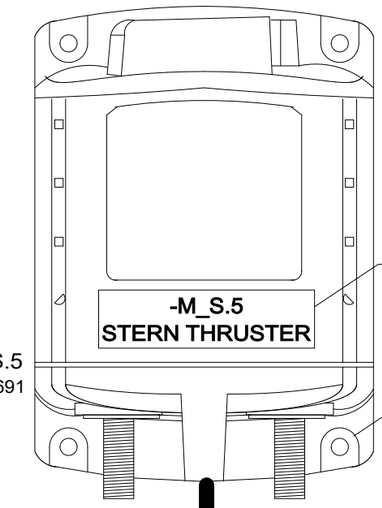
-G6a#1 STERN HEAVY AUX BT: + — 8 STERN_TH_BATT+ -AHA1a:1 — 95/8
95 RED 30302 BT-SK 95mm²
500 mm
22824
400 mm
NW22 PP-MOD BLACK
-G6a: STERN_TH_BATT+ 10 — STERN TH FUSE -AHA1a#1 — 95/8

-M_S5a#1 STERN TH MS: A — 10 STERN_TH_IN -AHA1b:2 — 95/10L
95 RED 30302 BT-SK 95mm²
450 mm
-M_S5a:1 STERN_TH_IN 10 — STERN TH FUSE -AHA1b#1 — 95/8

-B1p#1 MAIN DC NEG. POINT — 10 STERN_TH_BATT- -G6b:1 — 95/10
95 BLACK 30303 BT-SK 95mm²
1500 mm
22824
1400 mm
NW22 PP-MOD BLACK
-B1p:1 STERN_TH_BATT- 8 — STERN HEAVY AUX BT: - -G6b#1 — 95/8

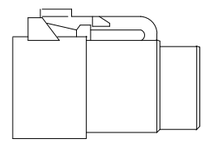
-D2b#1 HA A. MOSFET: OUT 1 — STERN_HA_CHR_F+ -AHA3a:1 — 25/6
25 RED
300 mm
-D2b:1 STERN_HA_CHR_F+ 8 — STERN TH CH FUSE -AHA3a#1 — 25/8

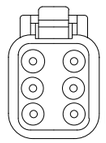
-D2a#1 HA A. MOSFET: IN — 8 SRV/B_HA_ISOL -A42a:1 — 25/8
25 RED
950 mm
-D2a:1 SRV/B_HA_ISOL — CHARGER: SRV/HAUX (1) -A42a#1 — 25/6



-XMS5#1

BLACK	-M_S.5	INPUT-	1
RED	-M_S.5	A_HA_MS_C_RED	2
BROWN	-M_S.5	B_HA_MS_C_BRN	3
YELLOW	-M_S.5	B_HA_MS_C_YEL	4
			5
ORANGE	-M_S.5	B_HA_MS_C_ORG	6





-XMS5
DTM06-6S

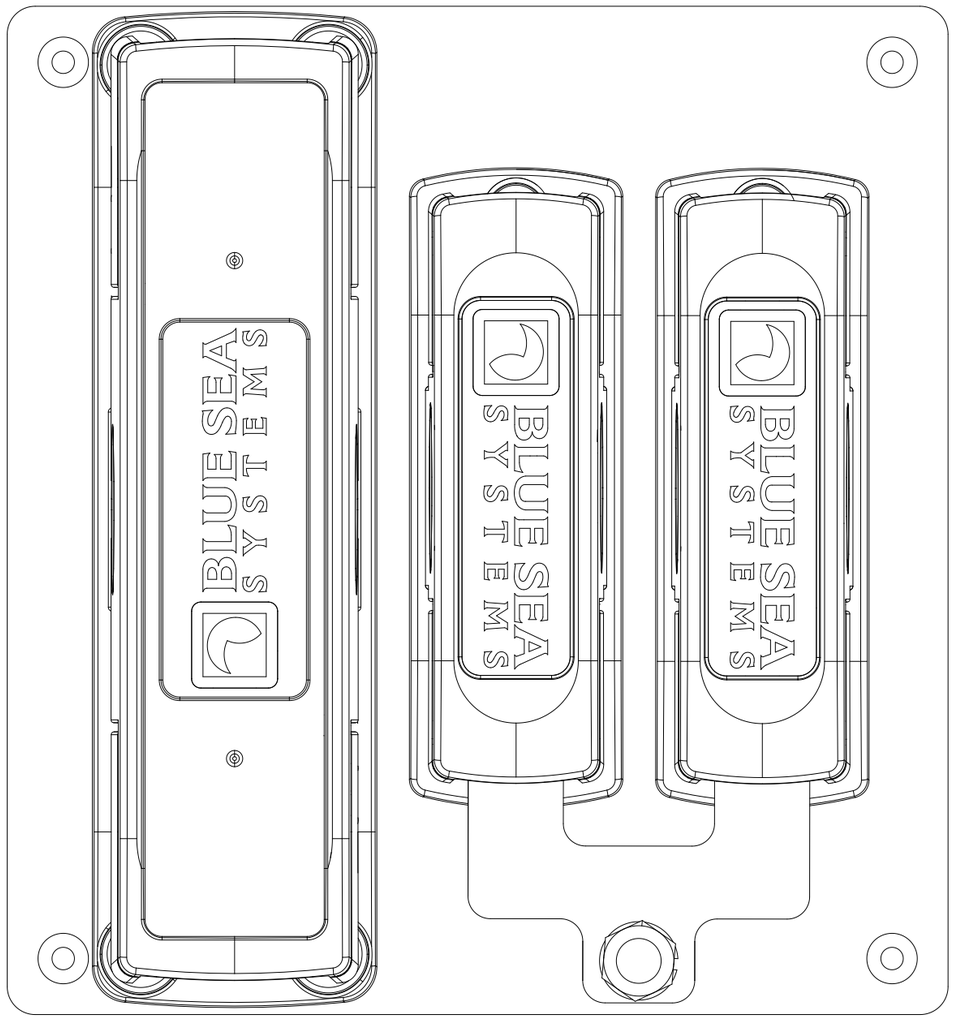
DTM06-6S
INCLUDED TO THE MAIN SWITCH

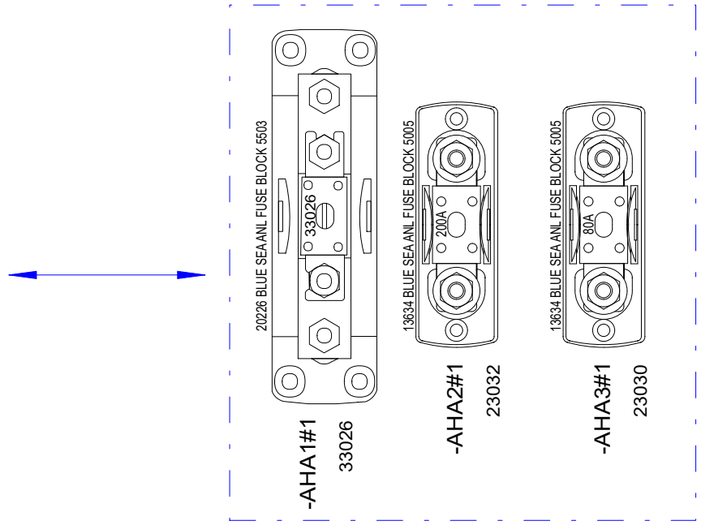
Date of modification	Modified by	Description
19.4.2024	PF	G1: 2005054; New product
30.7.2024	PF	G2: 2005139; Cable lug changes

Date 20.2.2024
Drawing by PF
Sheet rev. 2
Project rev. G

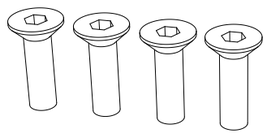
NAVIX designed solutions
Copyright by

Axopar (Boat)	See exp. view (Sub-product code)	41197 (Product code)	(Project ID)
37 MY25 (Boat model)	STERN THRUSTER CABLES (Title)	HL (Loc)	207 / 210 (Sheet)





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

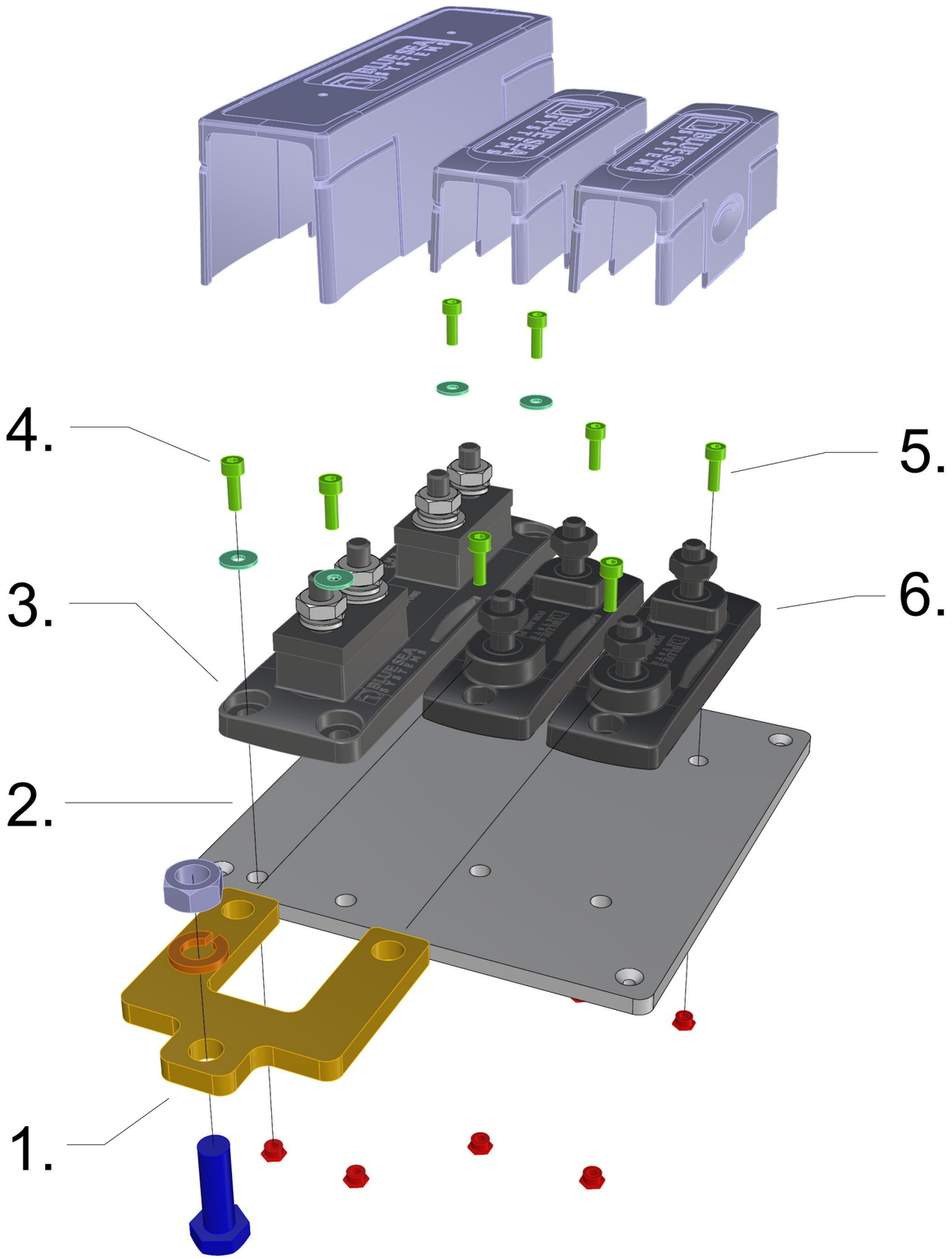


Date of modification	Modified by	Description
19.4.2024	PF	G1: 2005054; New product
30.7.2024	PF	G2: 2005139; Cable lug changes

Date	19.4.2024
Drawing by	PF
Sheet rev.	2
Project rev.	G

Copyright by

Axopar Boat	See exp. view Sub-product code	41197 Product code	Project ID
37 MY25 Boat model	STERN THRUSTER CABLES Title	HL Loc	208 / 210 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)

Date of modification	Modified by	Description
19.4.2024	PF	G1: 2005054; New product
30.7.2024	PF	G2: 2005139; Cable lug changes

Date	19.4.2024
Drawing by	PF
Sheet rev.	2
Project rev.	G

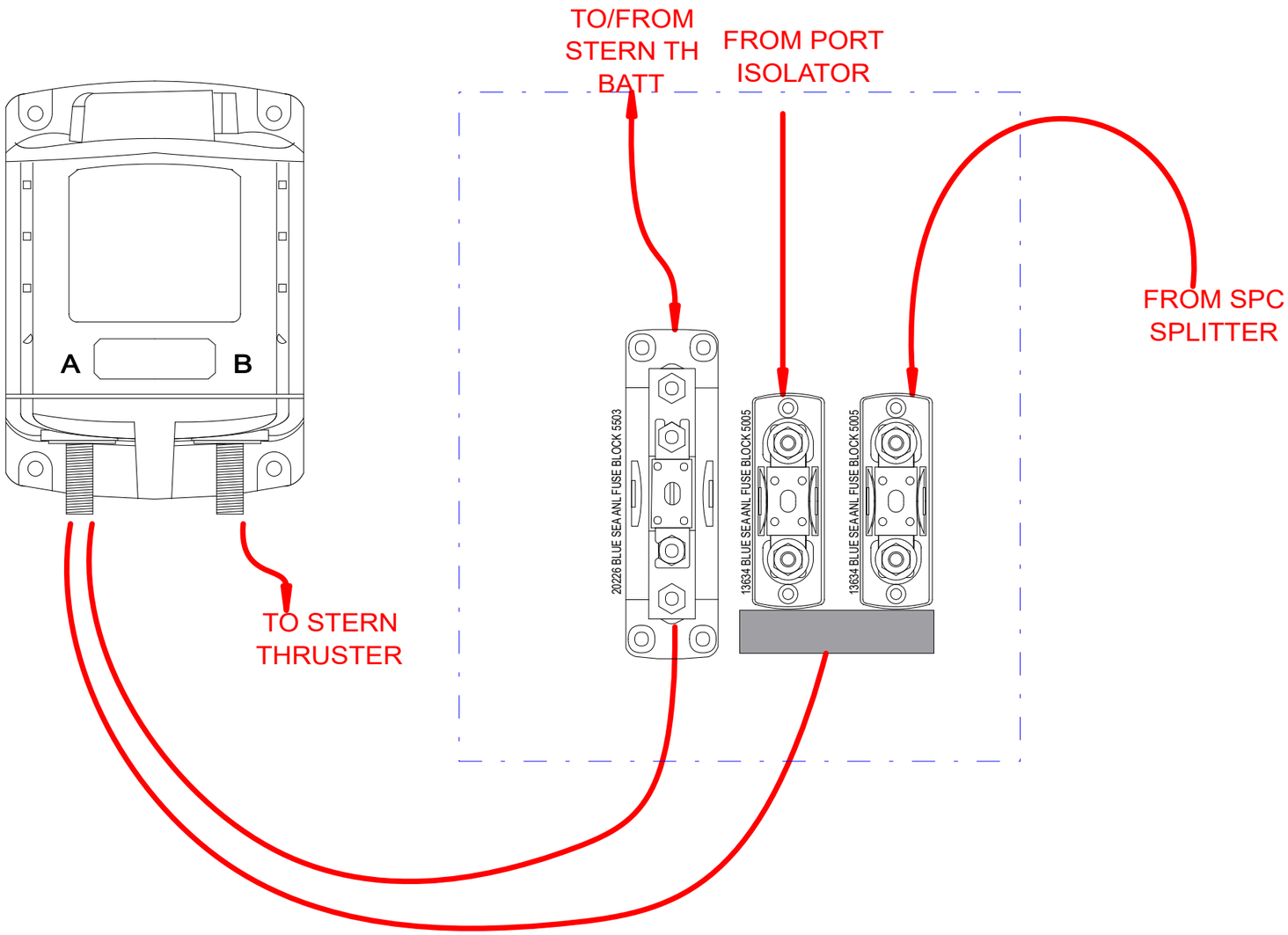
Copyright by

NAVIX designed solutions

Axopar Boat	See exp. view Sub-product code	41197 Product code	Project ID
37 MY25 Boat model	STERN THRUSTER CABLES Title	HL Loc	209 / 210 Sheet

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	NAVIX designed solutions	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 CABLES	HL	210 / 210
Date of modification	Modified by	Description	Project rev. G	Copyright by	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

© 2021 American Boat & Yacht Council, Inc

Table of Contents

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

© 2021 Axopar Boats

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.*

© 2021 Axopar Boats

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.

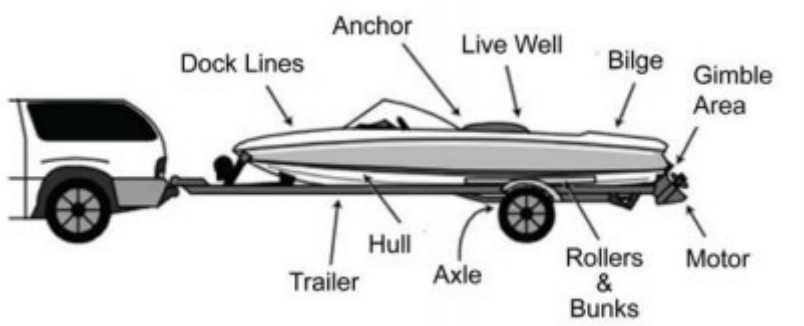
Drain

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.

© 2021 Axopar Boats



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.

© 2021 Axopar Boats

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.

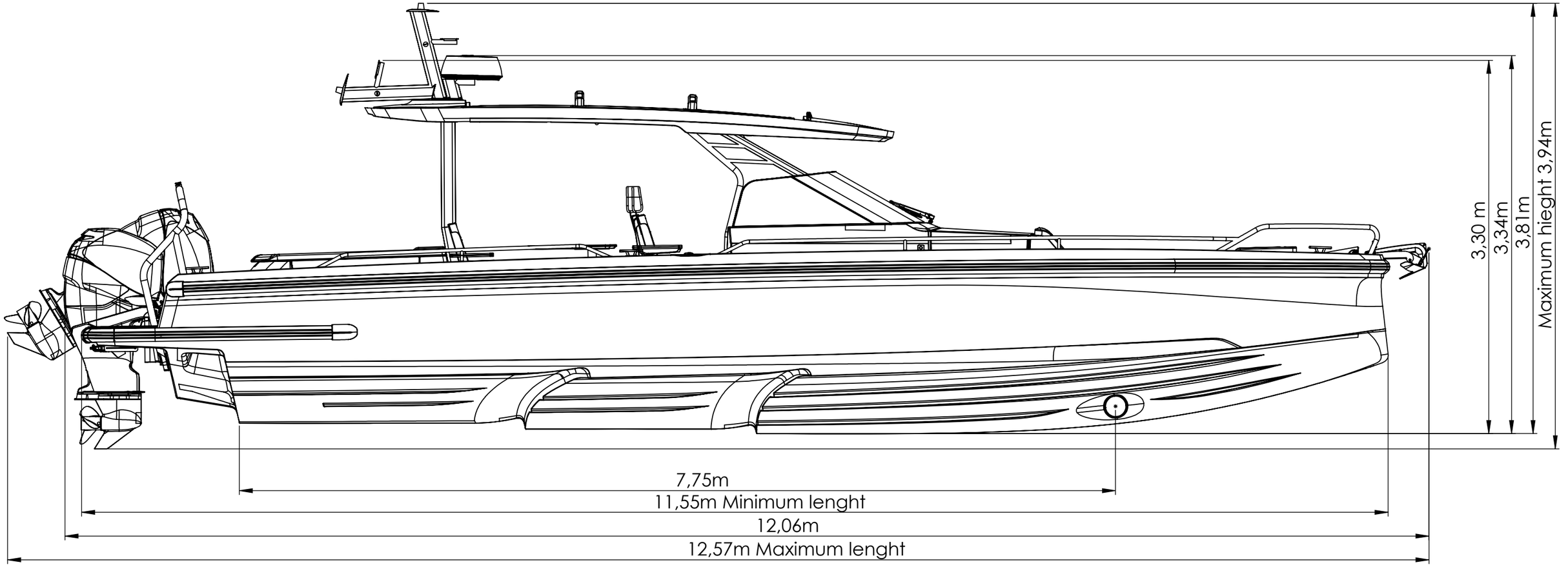
Jet boats and personal watercraft (PWCs)

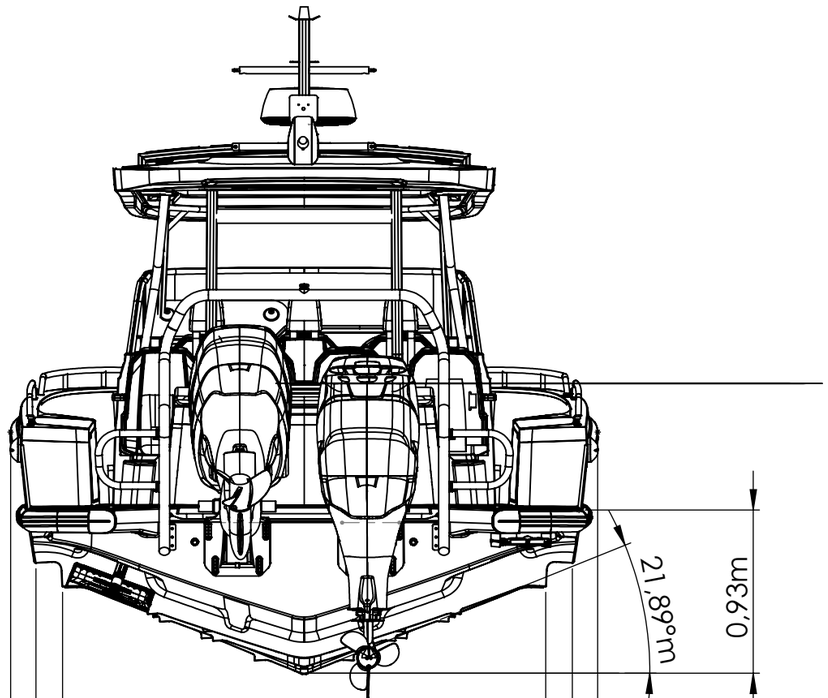
- **Inspect** and **clean** hull, trailer, intake grate, and steering nozzle, etc.
- **Clean** hull, trailer, intake grate, and steering nozzle, etc before leaving the water access.
- **Run** engine 5-10 sec to blow out excess water and vegetation from internal drive before leaving the waterbody.

© 2021 Axopar Boats

4 Appendix IV: Transport dimensions

© 2026 Axopar Boats / Brabus Marine

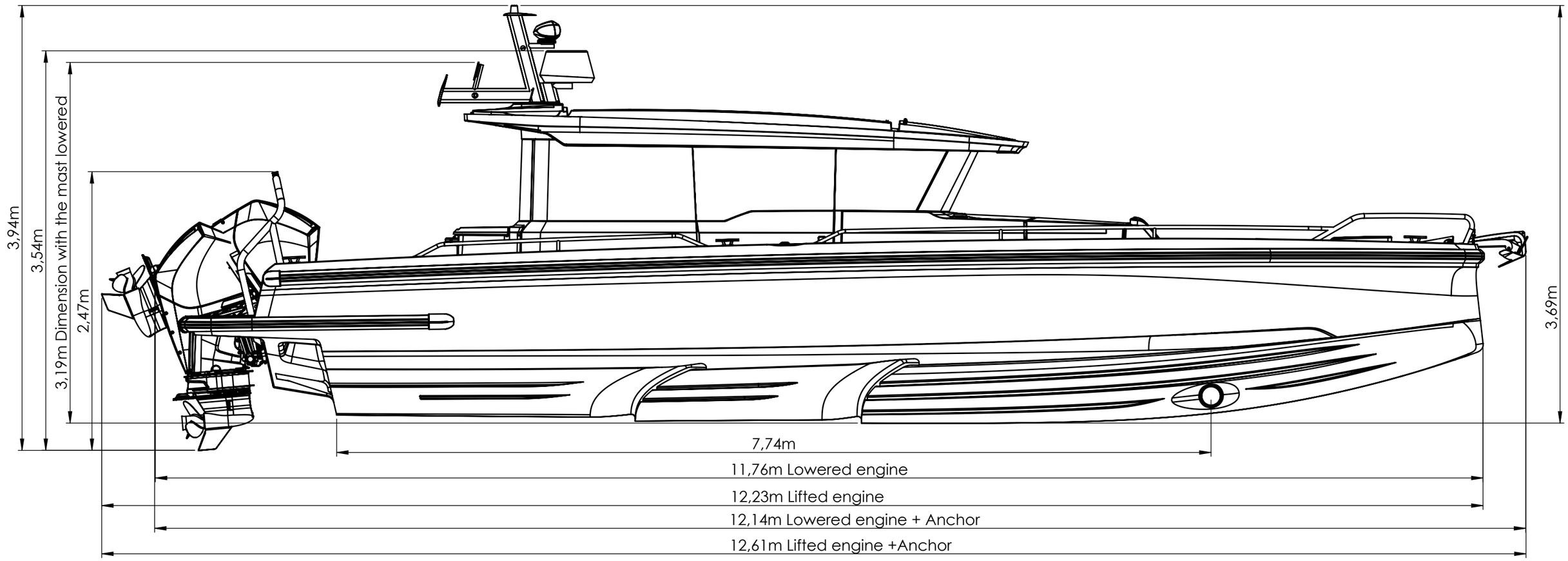


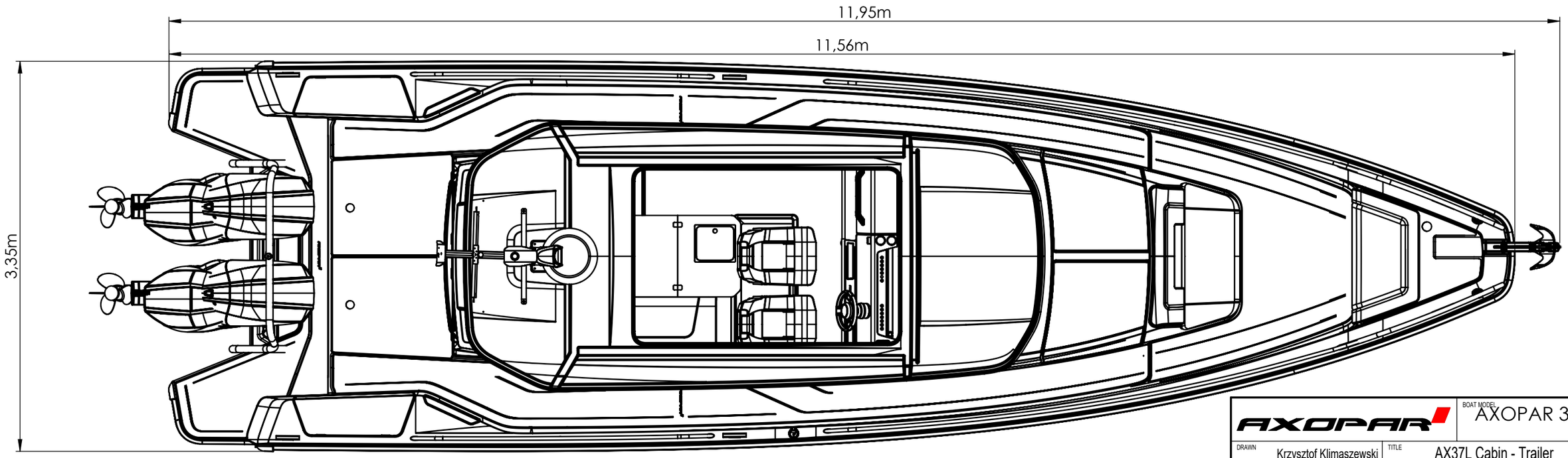


AXOPAR

BOAT MODEL

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





AXOPAR

BOAT MODEL: AXOPAR 37L

DRAWN: Krzysztof Klimaszewski	TITLE: AX37L Cabin - Trailer dimentions			
MODEL ASSEMBLY: Krzysztof Klimaszewski				
APPROVED: Petri Aari	DATE: 16.12.2019	DWG NO.	Rev.: B	SHEET: 1 OF 1

5 Appendix V: Warranty terms

© 2026 Axopar Boats / Brabus Marine

Appendix V: Warranty Terms - US

Warranty Terms for boats built before 1st of June 2026

© 2026 Axopar Boats

AXOPAR

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

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

© 2026 Axopar Boats

AXOPAR

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

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

© 2026 Axopar Boats

AXOPAR

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*

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

© 2026 Axopar Boats

AXOPAR

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:***

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.

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

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.