



Axopar 25

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 D6

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02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat			
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	COVER	HL	1 / 47
Date of modification	Modified by	Description	Project rev.	D		Boat model	Title	Loc	

LEGEND:
(APPLIES ONLY THIS PAGE)

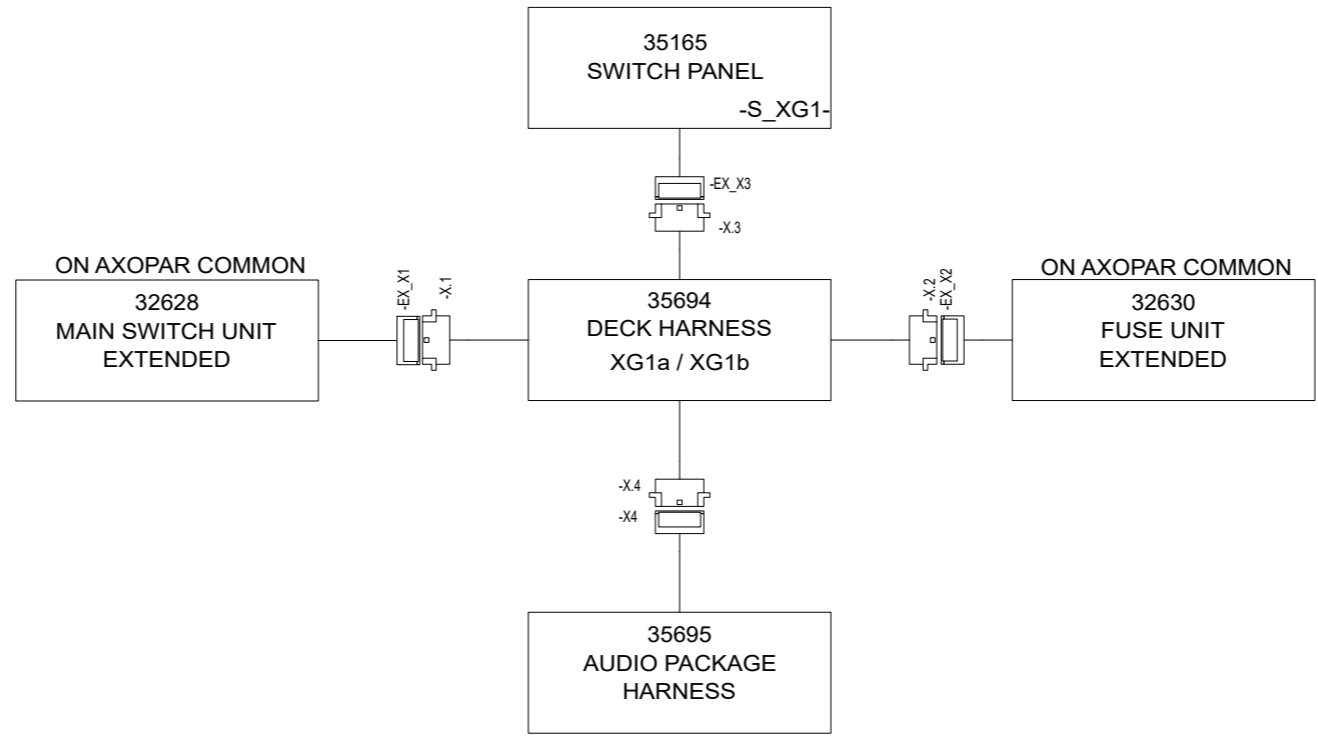
SOCKET CONNECTOR
(INCLUDES PIN CONTACTS) 

PLUG CONNECTOR
(INCLUDES SOCKET CONTACTS) 

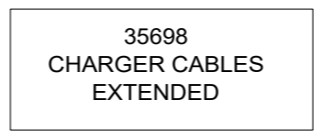
OR ALL PRODUCTS TIED "OR" -LABEL ARE ALTERNATIVE OPTIONS DEPENDING THE SET-UP OR MODEL OF BOAT. BOTH PRODUCTS WITH "OR" -LABEL CANNOT INSTALL TO BOAT.



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.

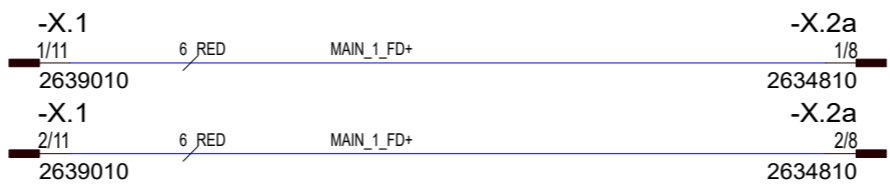
HARNES STRUCTURE



POWER CABLES STRUCTURE





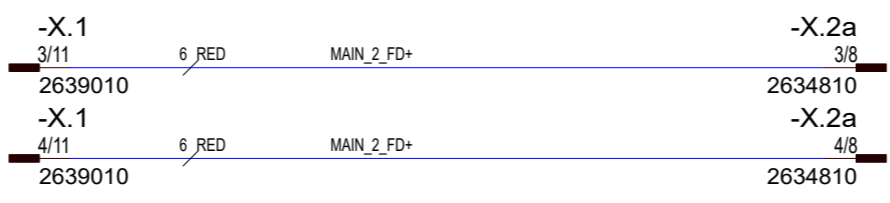
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02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	12Vdc STRUCTURE	HL	2 / 47 Sheet
Date of modification	Modified by	Description	Project rev.	D	Boat model	Title	Loc		



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02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID	
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	DIAGRAM - MAIN FUSES	HL		3 / 47
Date of modification	Modified by	Description	Project rev.	D		Boat model		Title	Loc	Sheet

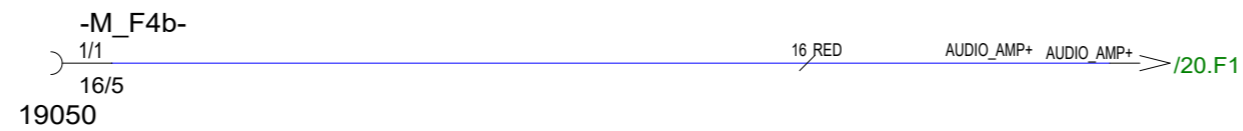
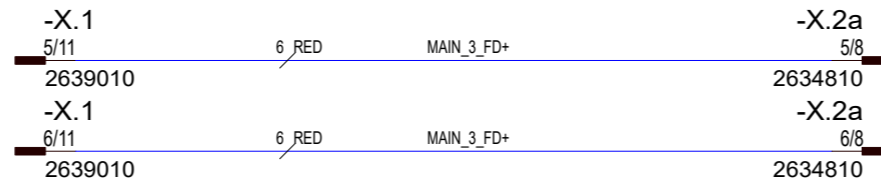


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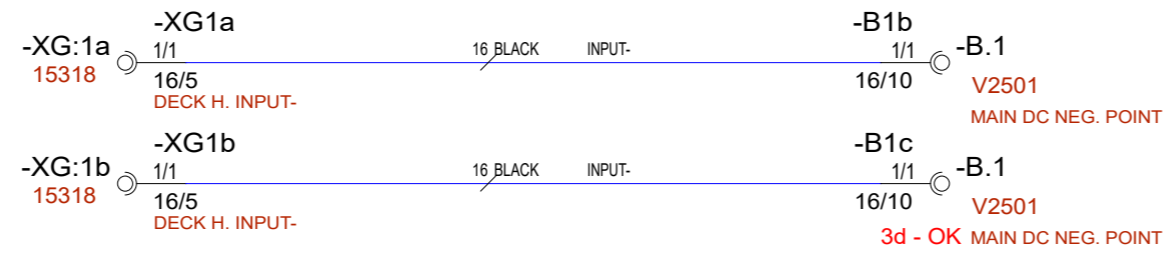
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02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat			
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	DIAGRAM - MAIN FUSES	HL	4 / 47 Sheet
Date of modification	Modified by	Description	Project rev.	D		Boat model	Title	Loc	
1	2	3	4	5	6	7	8		

REST OF DIAGRAM FOUNDED IN AXOPAR 22 PROJECT

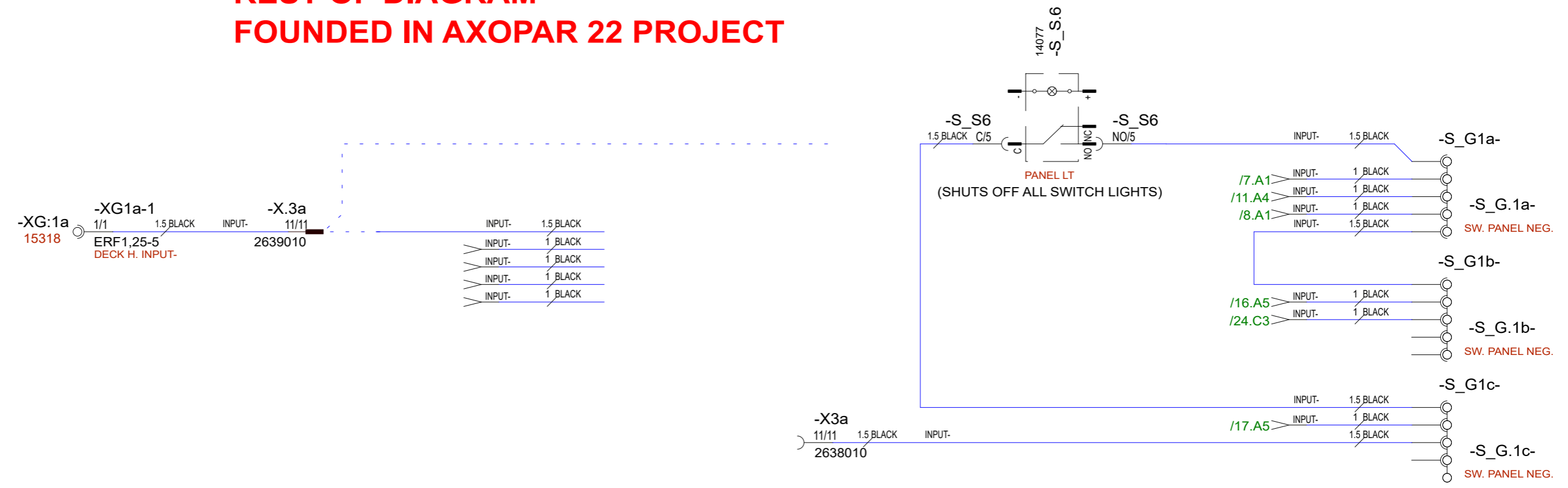


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02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	DIAGRAM - MAIN FUSES	HL	5 / 47 Sheet
Date of modification	Modified by	Description	Project rev.	D		Boat model		Loc	

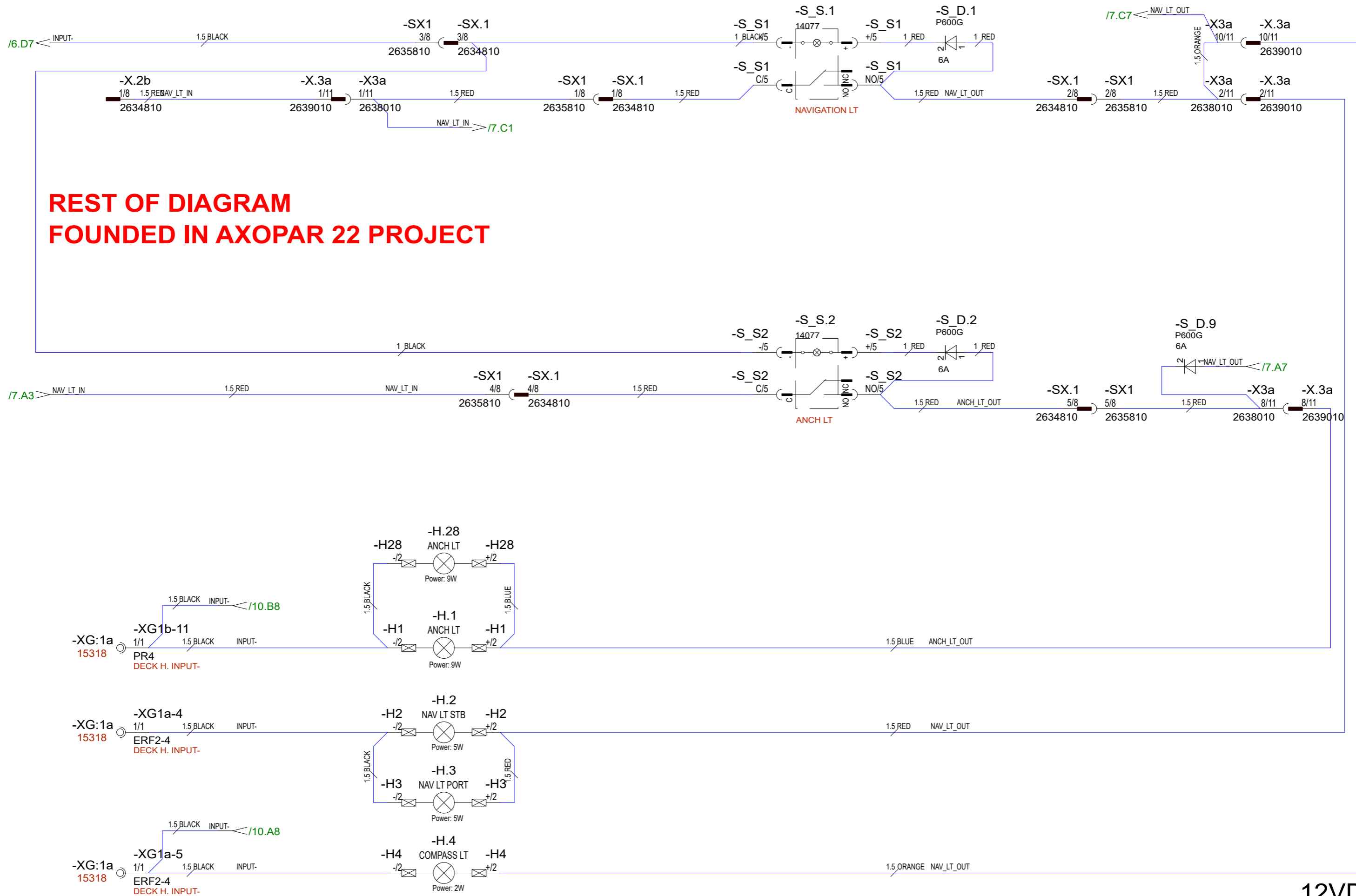


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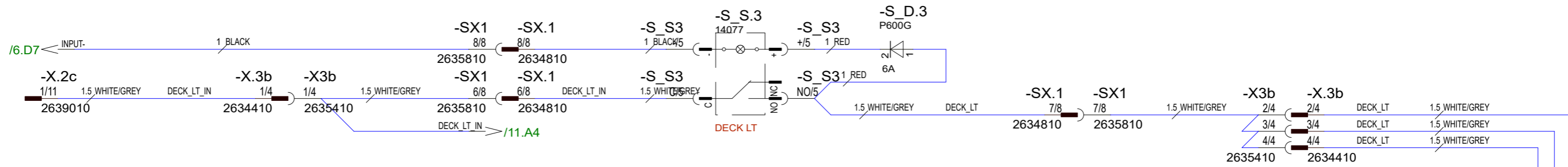
26.04.2022	RP	C4: NOT MODIFIED	Date	10.6.2020	This document and all the information contained in it is proprietary and confidential information of Axopar Boats Oy. Neither this document nor any of the information contained herein may be reproduced, disclosed to others or used in any purpose other than for the purpose it has been provided without their written permission of Axopar Boats Oy.	Axopar			
02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	DIAGRAM - INPUT-	HL	
Date of modification	Modified by	Description	Project rev.	D		Boat model	Title	Loc	6 / 47 Sheet



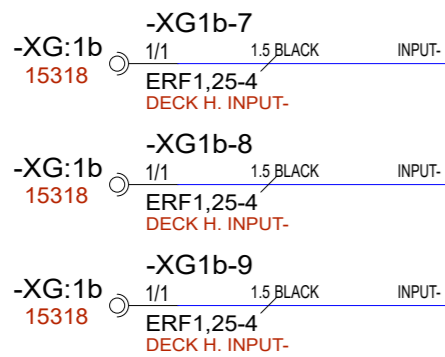
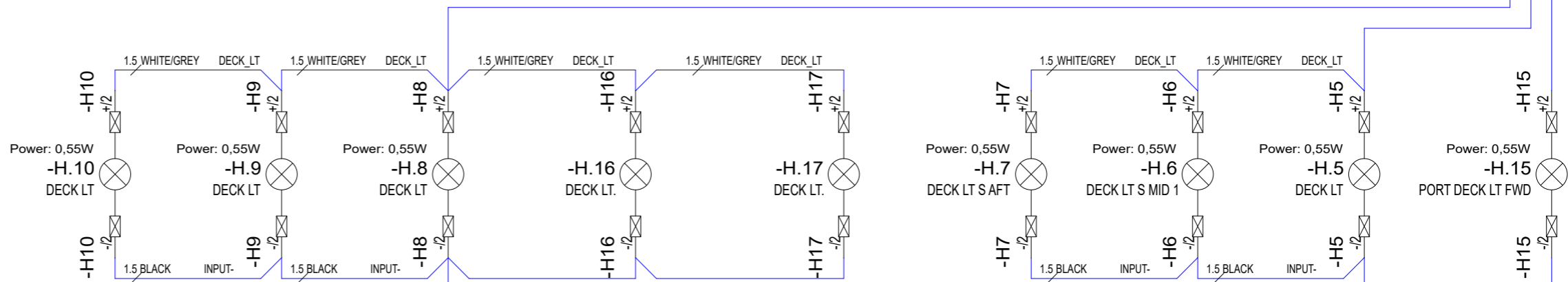
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02.09.2022	TT	D5: -H.22 ADDED	Drawing by	TuM		Boat			
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	Sub-product code	Product code	Project ID
Date of modification	Modified by	Description	Project rev.	D		DIAGRAM - NAVIGATION LT	HL		7 / 47
						Title	Loc		Sheet

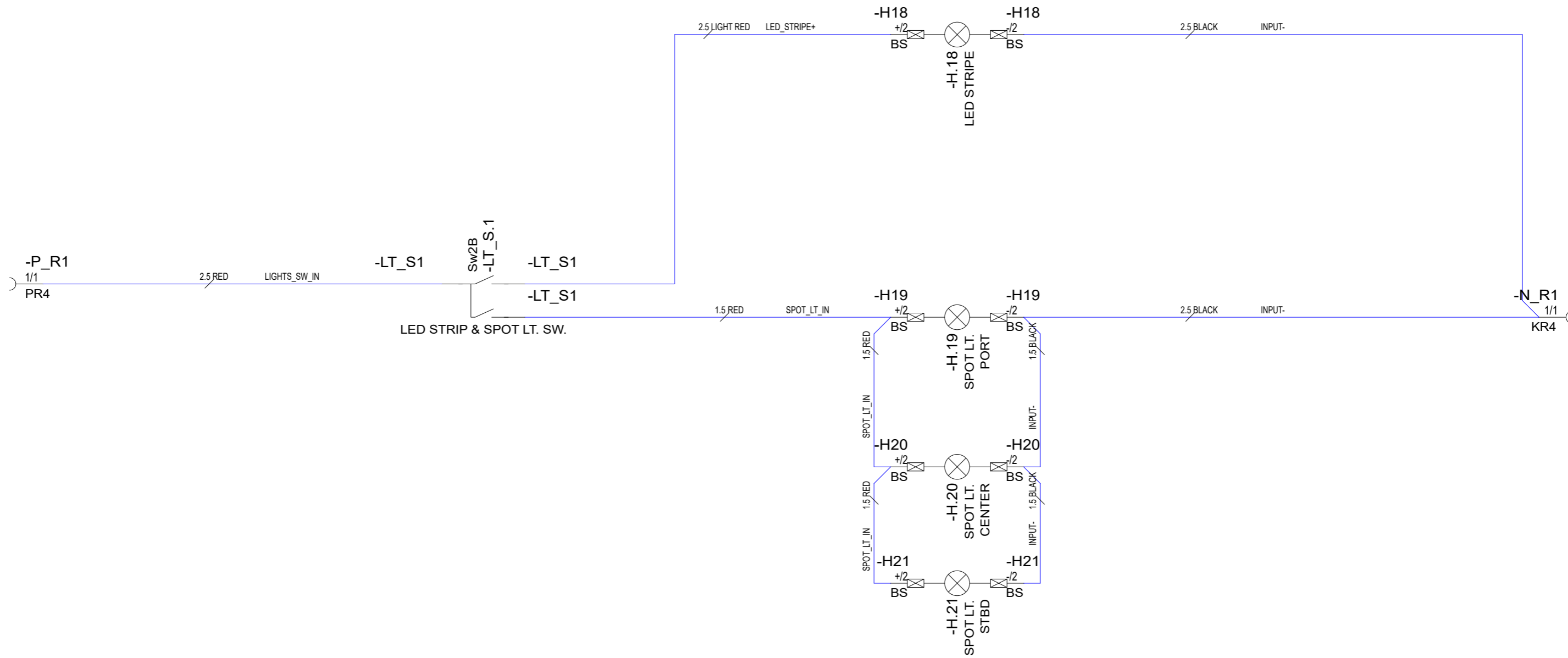


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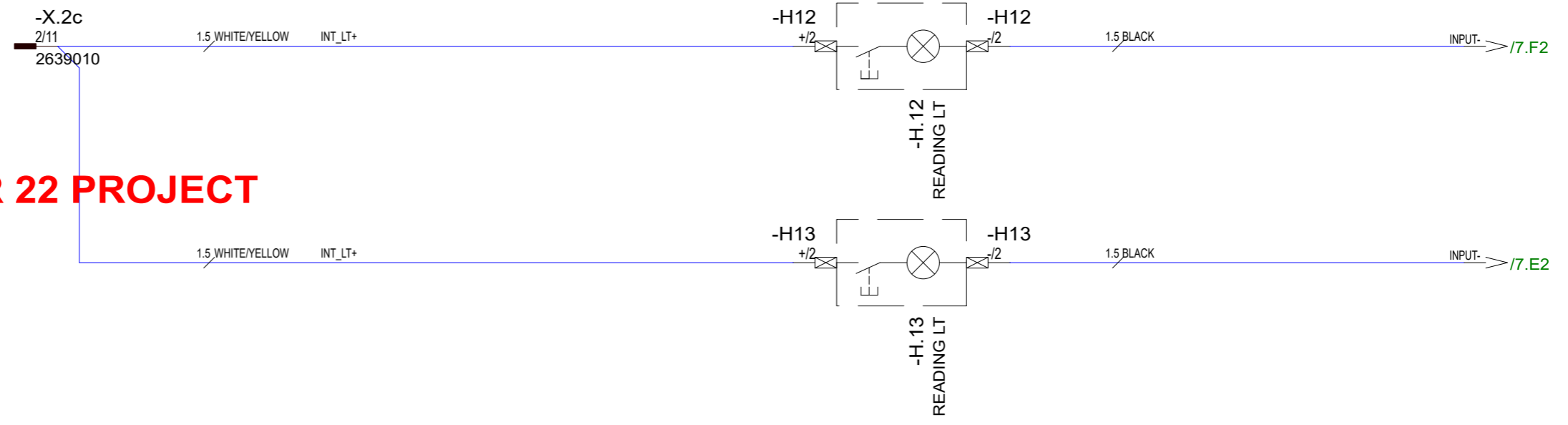
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02.09.2022	TT	D5: -H.11 REMOVED	Drawing by	TuM		Boat	25	Sub-product code	Product code	Project ID
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		Boat model		DIAGRAM - DECK LT	HL	8 / 47
Date of modification	Modified by	Description	Project rev.	D			Title	Loc	Sheet	





3.11.2021	VV	B1: INTRODUCED DRAWING.	Date	3.11.2021		Axopar			
02.09.2022	TT	D5: NOT MODIFIED	Drawing by	VV		Boat			
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	DIAGRAM - SPOT & LED STRIPE LTS.	HL	9 / 47
Date of modification	Modified by	Description	Project rev.	D		Boat model	Title	Loc	Sheet
1	2	3	4	5	6	7	8		

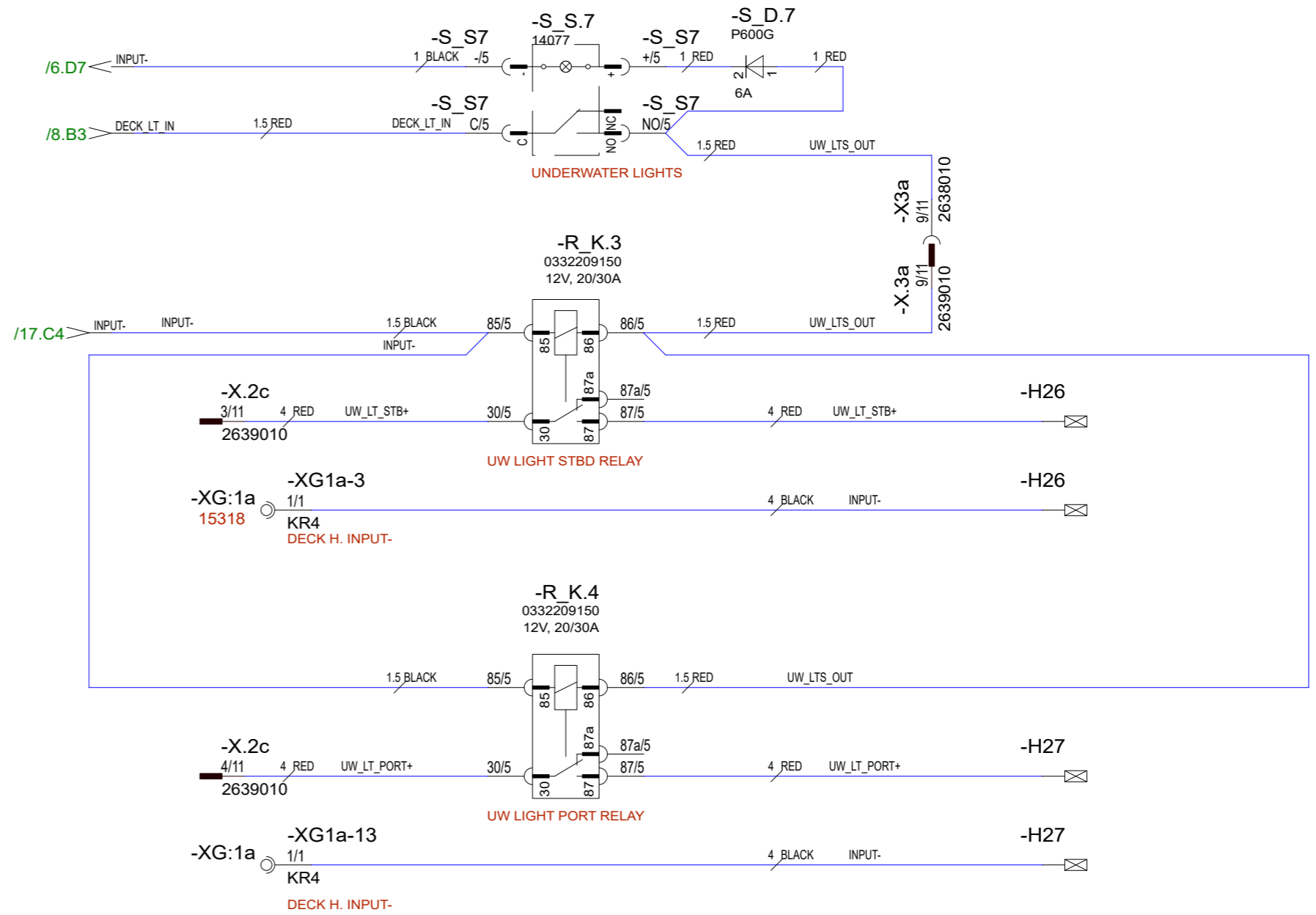
**REST OF DIAGRAM
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21.6.2021	TT	A1: INTRODUCED DRAWING.	Date	11.5.2020	<small>This document and all the information contained in it is proprietary and confidential information of Axopar Boats Oy. Neither this document nor any of the information contained herein may be reproduced, disclosed to others or used in any purpose other than for the purpose it has been provided without the prior written permission of Axopar Boats Oy.</small>  	Axopar				
02.09.2022	TT	D5: -H12 RENAMED TO READING LT; -H13 ADDED	Drawing by	TuM		Boat	25	Sub-product code	Product code	Project ID
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		Boat model		DIAGRAM - INTERIOR LT	HL	10 / 47
Date of modification	Modified by	Description	Project rev.	D				Title	Loc	Sheet

REST OF DIAGRAM FOUNDED IN AXOPAR 22 PROJECT

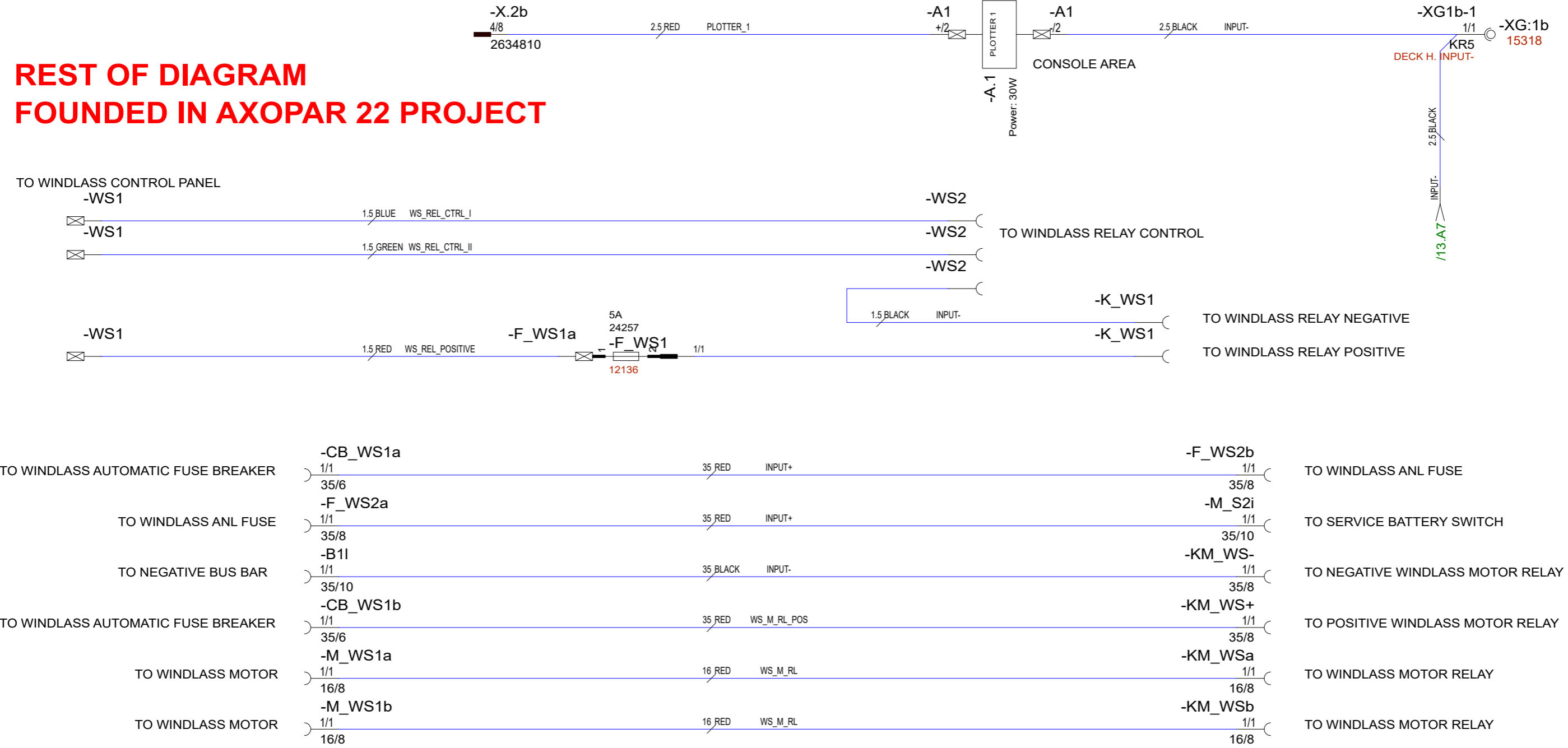


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11.05.2021	TT	B4: EU PACKAGE ADDED	Date	9.6.2020	This document and all the information contained in it is proprietary and confidential information of Axopar Boats Oy. Neither this document nor any of the information contained herein may be reproduced, disclosed to others or used in any purpose other than for the purpose it has been provided without their prior written permission of Axopar Boats Oy.	Axopar			
02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat			
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	Sub-product code	Product code	Project ID
Date of modification	Modified by	Description	Project rev.	D		Boat model	DIAGRAM - UNDER WATER LIGHTS	HL	
1	2	3	4	5	6	Title	Loc	11 / 47 Sheet	



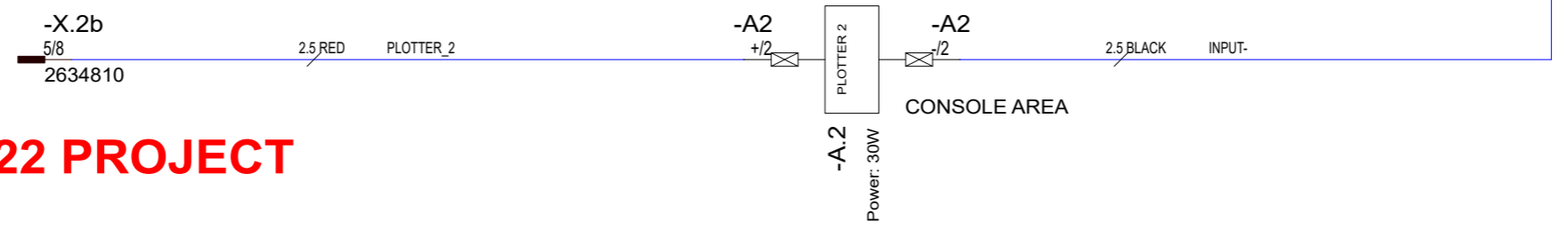
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26.04.2022	RP	C4: ADDED WINDLASS CONNECTIONS	Date	9.6.2020	<small>This document and all the information contained in it is proprietary and confidential information of Axopar Boats Oy. Neither this document nor any of the information contained herein may be reproduced, disclosed to others or used in any purpose other than for the purpose it has been provided without their prior written permission of Axopar Boats Oy.</small> 	Axopar			
02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat			
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	DIAGRAM - NAV. EQ. & WINDLASS	HL	12 / 47 Sheet
Date of modification	Modified by	Description	Project rev.	D		Boat model	Title	Loc	
1	2	3	4	5	6	7	8		

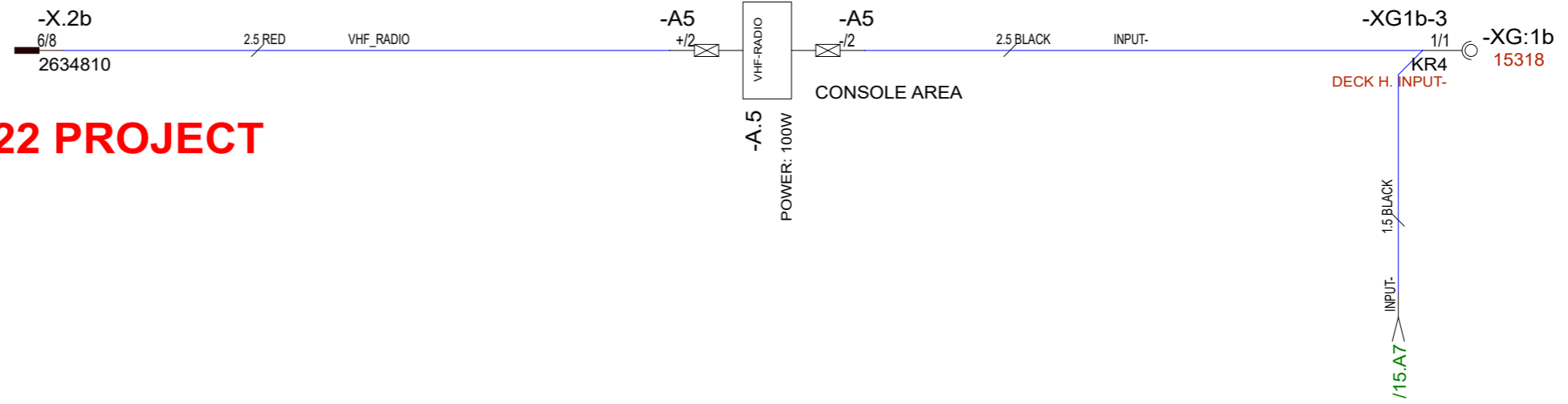
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02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	DIAGRAM - NAVIGATION EQ.	HL	13 / 47
Date of modification	Modified by	Description	Project rev.	D		Boat model		Title	

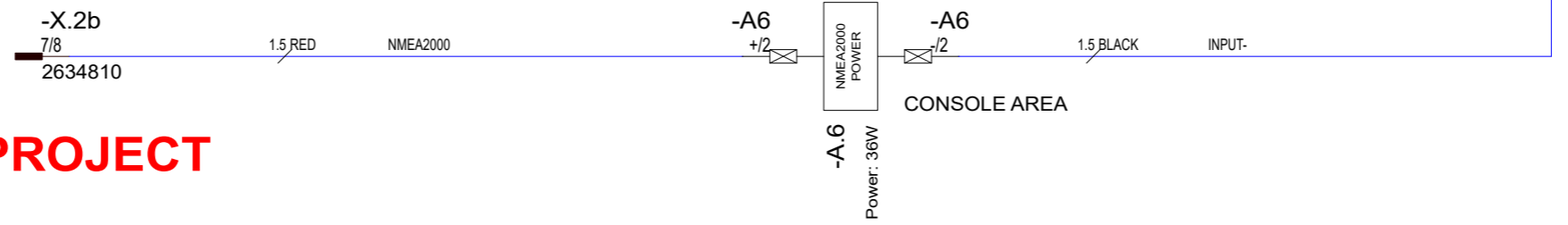
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02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat			
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	DIAGRAM - NAVIGATION EQ.	HL	14 / 47
Date of modification	Modified by	Description	Project rev.	D		Boat model	Title	Loc	

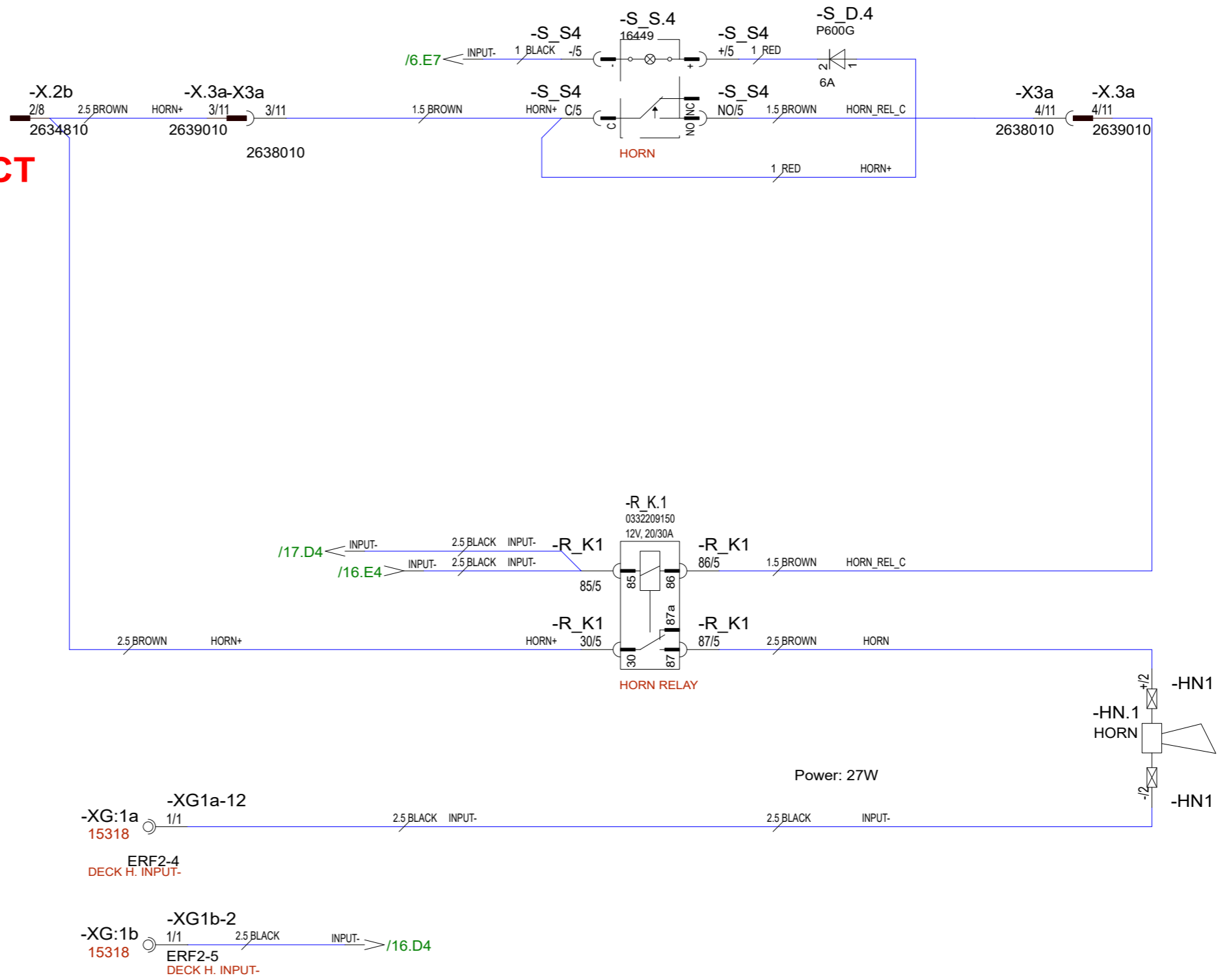
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02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat	Sub-product code	Product code	Project ID
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	DIAGRAM - NAVIGATION EQ.	HL	15 / 47 Sheet
Date of modification	Modified by	Description	Project rev.	D		Boat model		Title	

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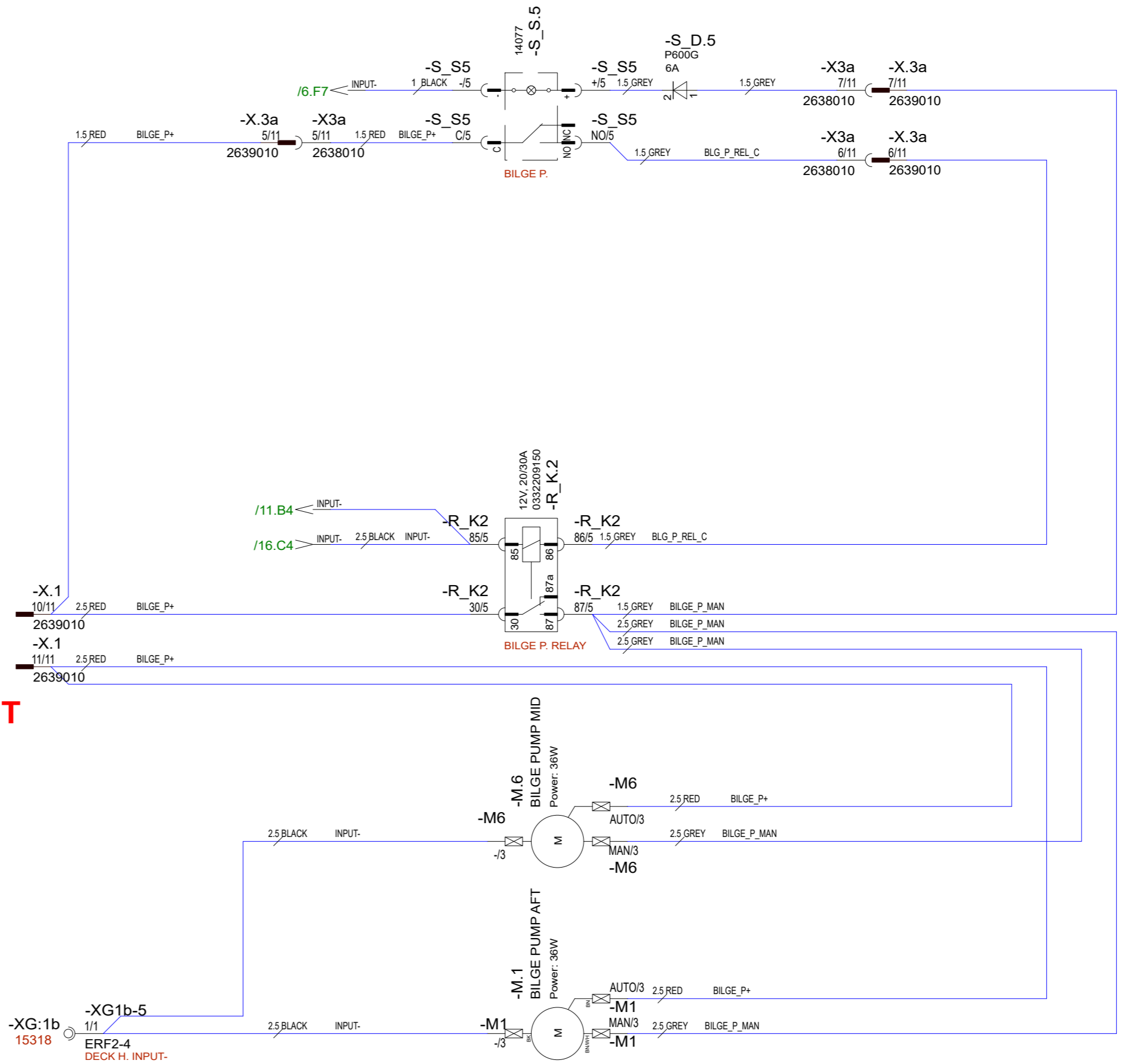
Power: 27W



12VDC

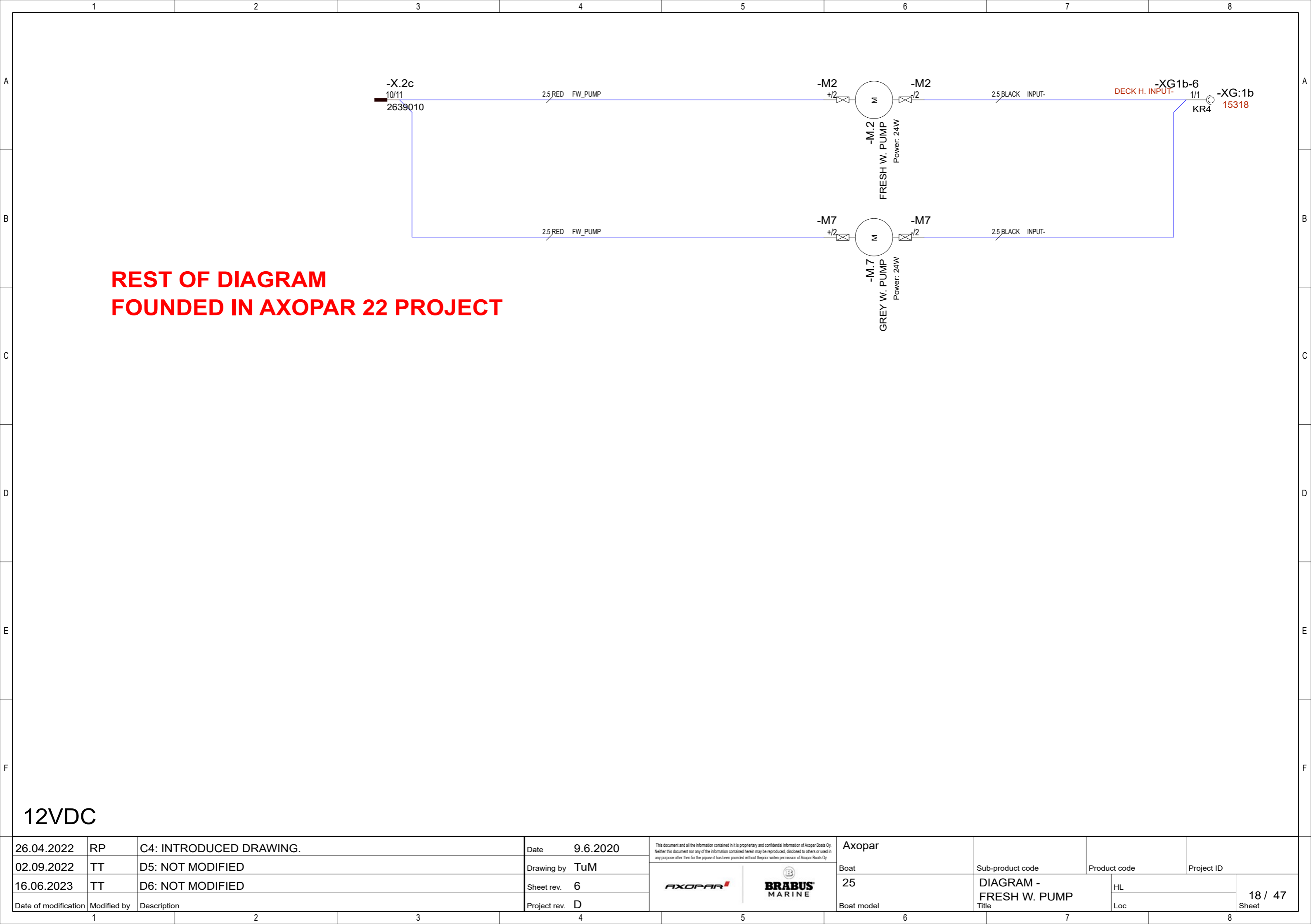
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02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat			
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	Sub-product code	Product code	Project ID
Date of modification	Modified by	Description	Project rev.	D		Boat model	DIAGRAM - HORN	HL	16 / 47
1	2	3	4	5	6	Title	Loc	Sheet	

**REST OF DIAGRAM
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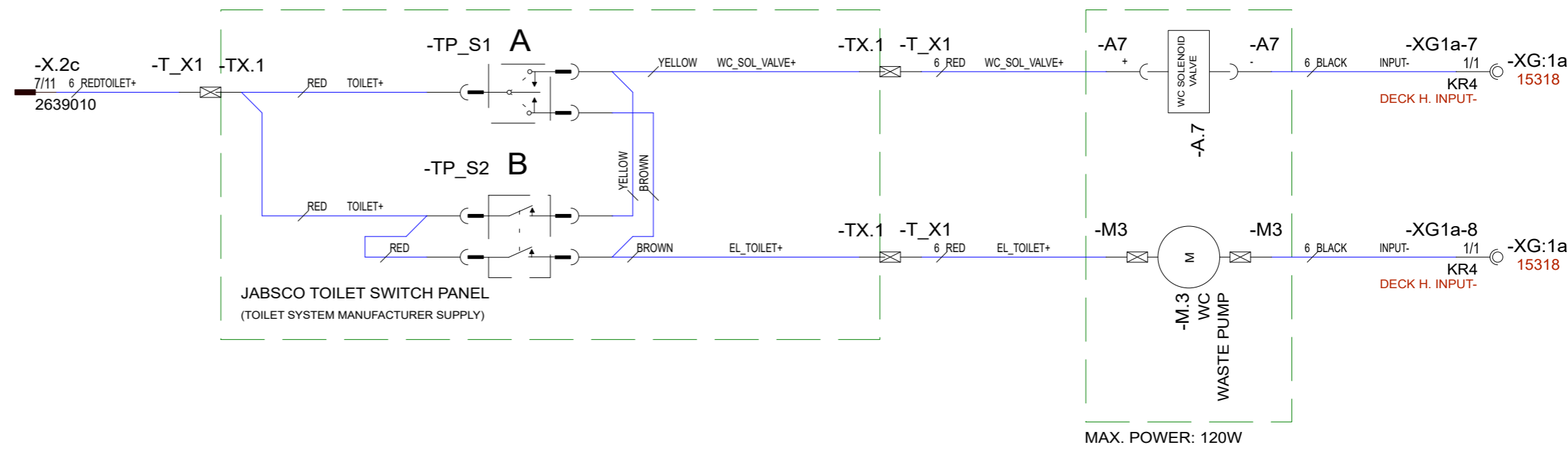
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02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat	25	Sub-product code	Product code	Project ID	
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		Boat model		DIAGRAM - BILGE PUMP	HL	17 / 47	
Date of modification	Modified by	Description	Project rev.	D				Title	Loc	Sheet	



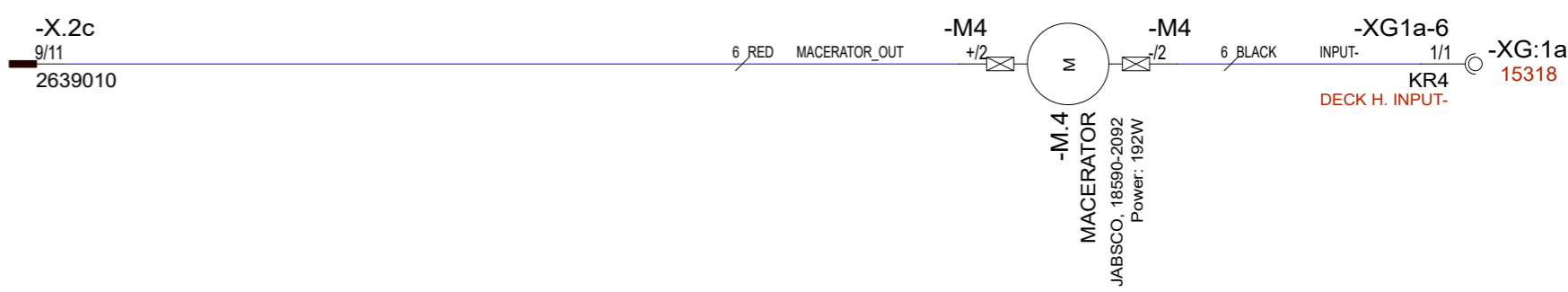
**REST OF DIAGRAM
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02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat			
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	DIAGRAM - FRESH W. PUMP	HL	18 / 47 Sheet
Date of modification	Modified by	Description	Project rev.	D		Boat model	Title	Loc	



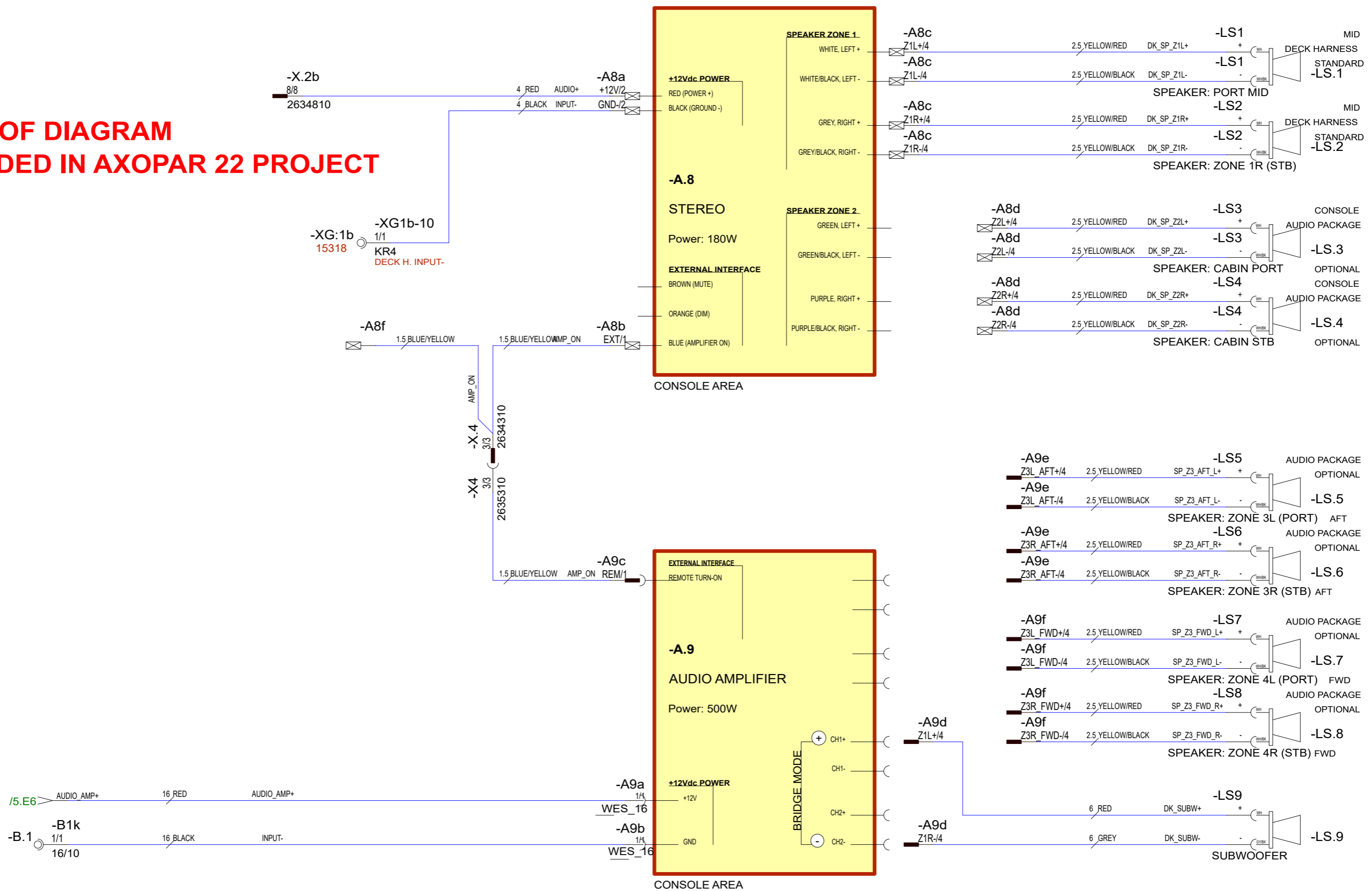
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02.09.2022	TT	D5: -M3&-T_X1 CONNECTORS CHANGED	Drawing by	TuM		Boat	25	Sub-product code	Product code	Project ID
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		Boat model		DIAGRAM - TOILET/MACERATOR	HL	19 / 47
Date of modification	Modified by	Description	Project rev.	D				Title	Loc	Sheet

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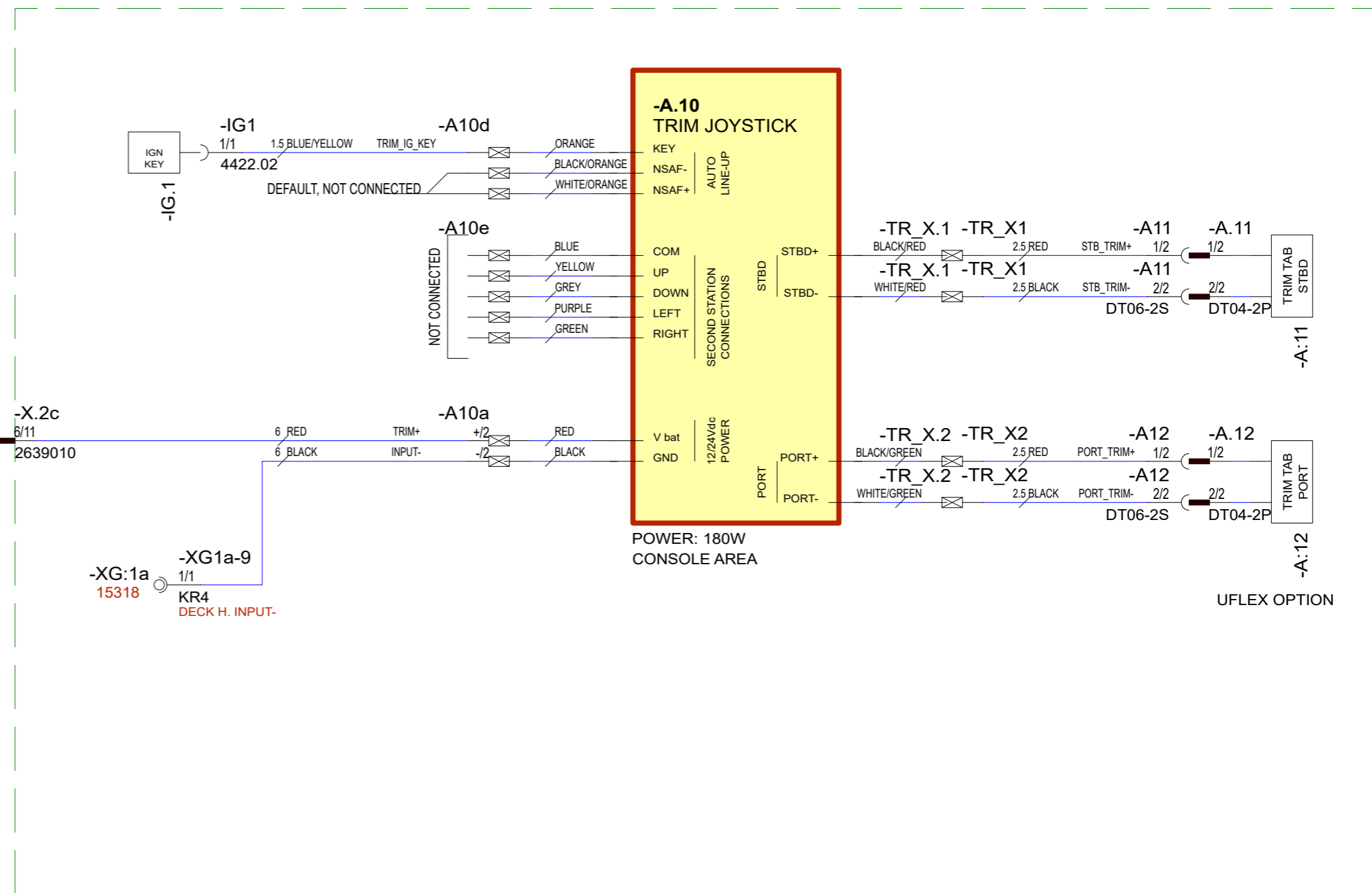


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02.09.2022	TT	D5: -A8f ADDED	Drawing by	TuM		Boat			
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25			
Date of modification	Modified by	Description	Project rev.	D		Boat model	Sub-product code	Product code	Project ID
1	2	3	4	5	6	7	8	9	10
							DIAGRAM - AUDIO SYSTEM	HL	20 / 47
								Loc	Sheet



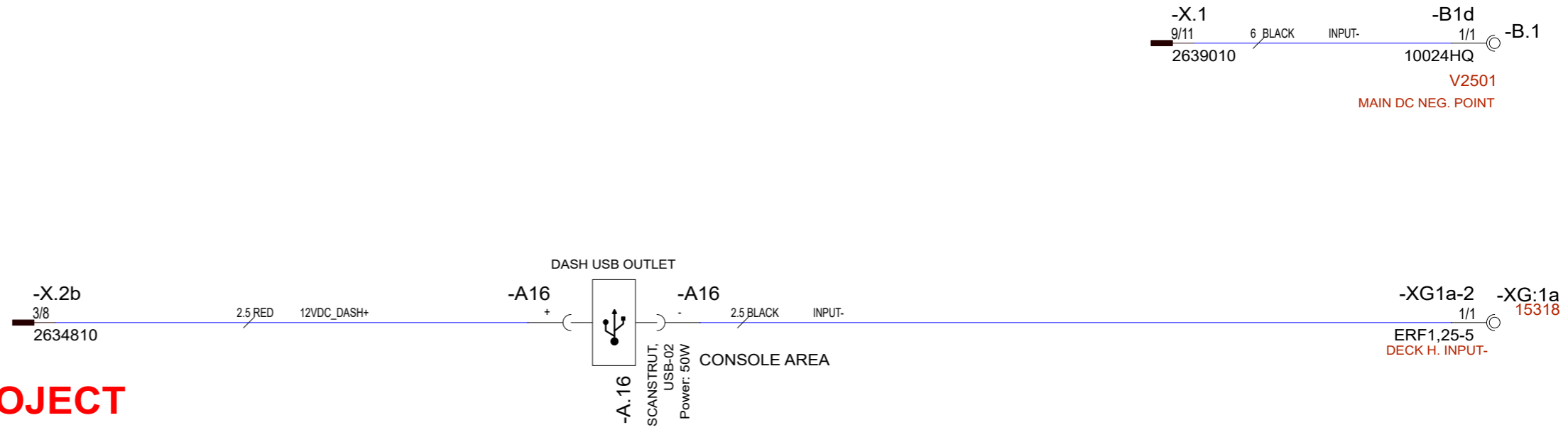
**REST OF DIAGRAM
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26.04.2022	RP	C4: INTRODUCED DRAWING.	Date	11.5.2020		Axopar			
02.09.2022	TT	D5: -TR_X1&-TR_X2 CONNECTORS CHANGED	Drawing by	TuM		Boat			
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	DIAGRAM - TRIM SYSTEM	HL	21/ 47
Date of modification	Modified by	Description	Project rev.	D		Boat model	Title	Loc	

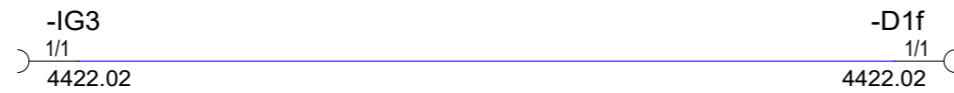
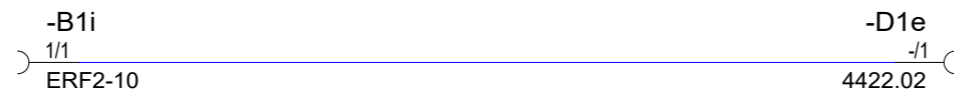
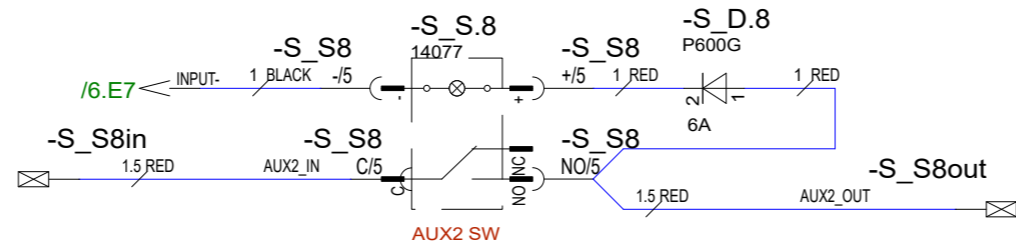
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02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat			
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	DIAGRAM -		
Date of modification	Modified by	Description	Project rev.	D		Boat model	12Vdc SOCKETS	HL	22 / 47
1	2	3	4	5	6	7	8	Sheet	

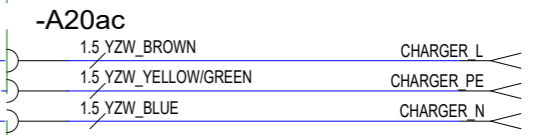
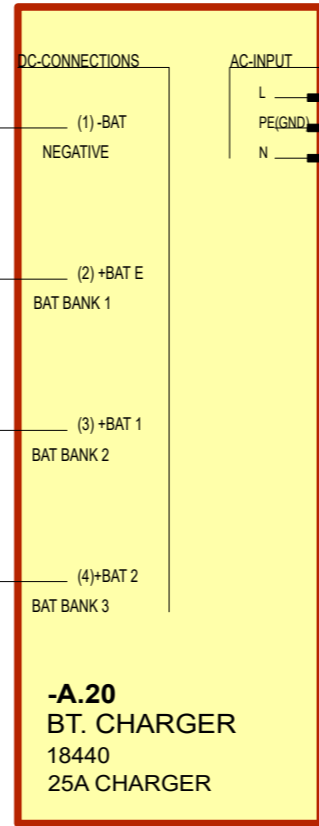
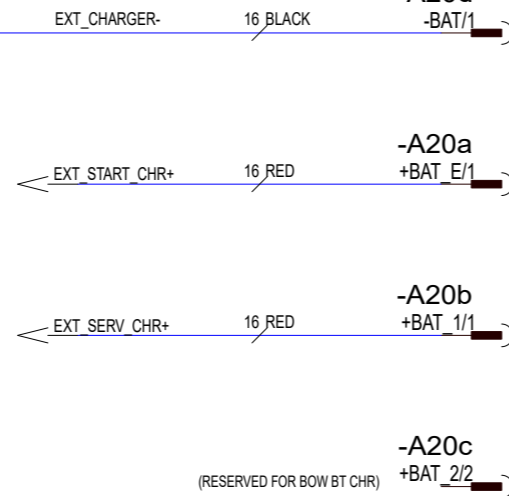
REST OF DIAGRAM FOUNDED IN AXOPAR 22 PROJECT



12VDC

26.04.2022	RP	C4: INTRODUCED DRAWING.	Date	10.6.2020	<small>This document and all the information contained in it is proprietary and confidential information of Axopar Boats Oy. Neither this document nor any of the information contained herein may be reproduced, disclosed to others or used in any purpose other than for the purpose it has been provided without the prior written permission of Axopar Boats Oy.</small>  	Axopar			
02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat			
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	DIAGRAM - AUX	HL	24 / 47
Date of modification	Modified by	Description	Project rev.	D		Boat model	Title	Loc	

-B.1
1/1
16/10
V2501
MAIN DC NEG. POINT



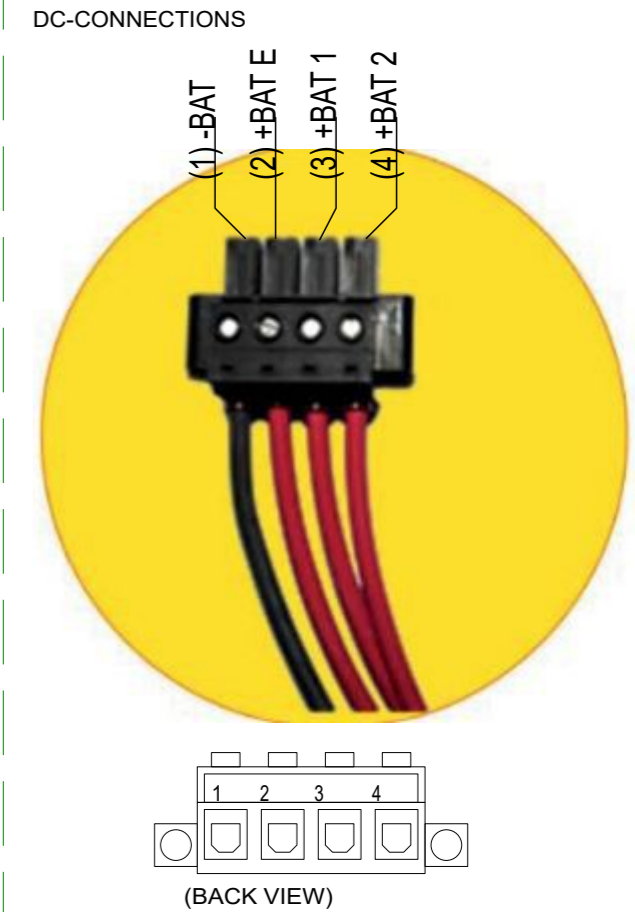
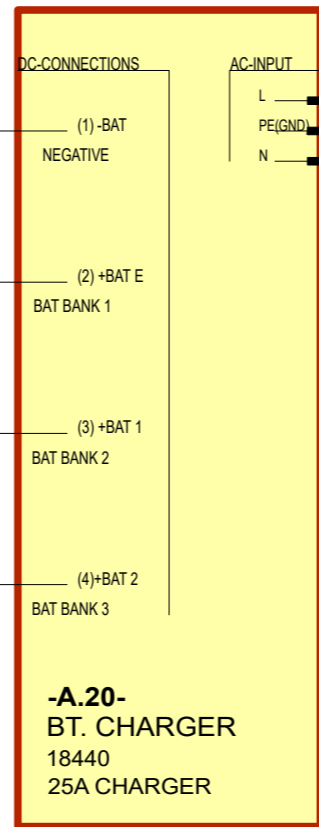
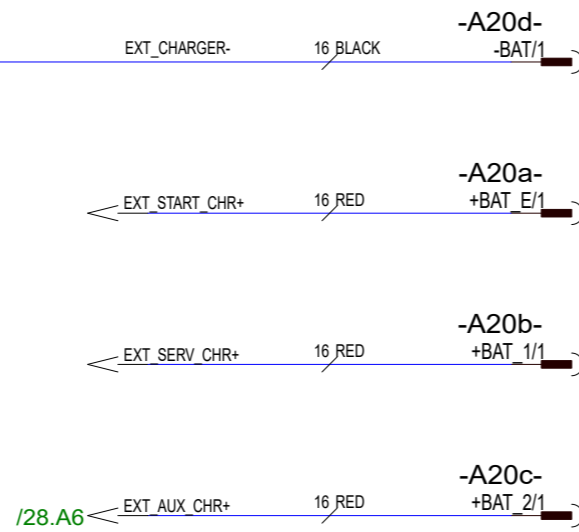
230VAC, 50Hz

**REST OF DIAGRAM
FOUNDED IN AXOPAR 22 PROJECT**

12VDC

EXTENDED PACKAGE (OPTIONAL)

-B.1
1/1
16/10
V2501
MAIN DC NEG. POINT



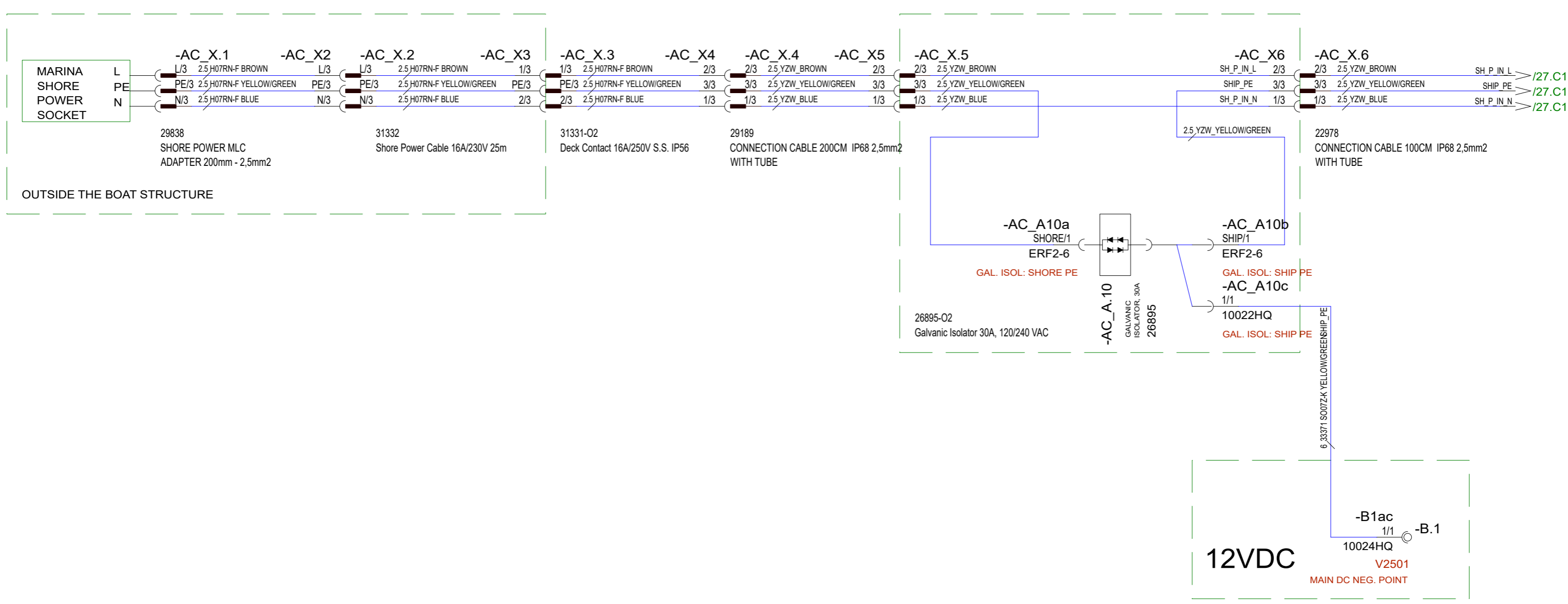
12VDC



EXTENDED PACKAGE (OPTIONAL)

26.04.2022	RP	C4: INTRODUCED DRAWING.	Date	16.6.2020	This document and all the information contained in it is proprietary and confidential information of Axopar Boats Oy. Neither this document nor any of the information contained herein may be reproduced, disclosed to others or used in any purpose other than for the purpose it has been provided without their prior written permission of Axopar Boats Oy.	Axopar			
02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat			
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	Sub-product code	Product code	Project ID
Date of modification	Modified by	Description	Project rev.	D		DIAGRAM - CHARGER	HL		25 / 47
						Title	Loc		Sheet



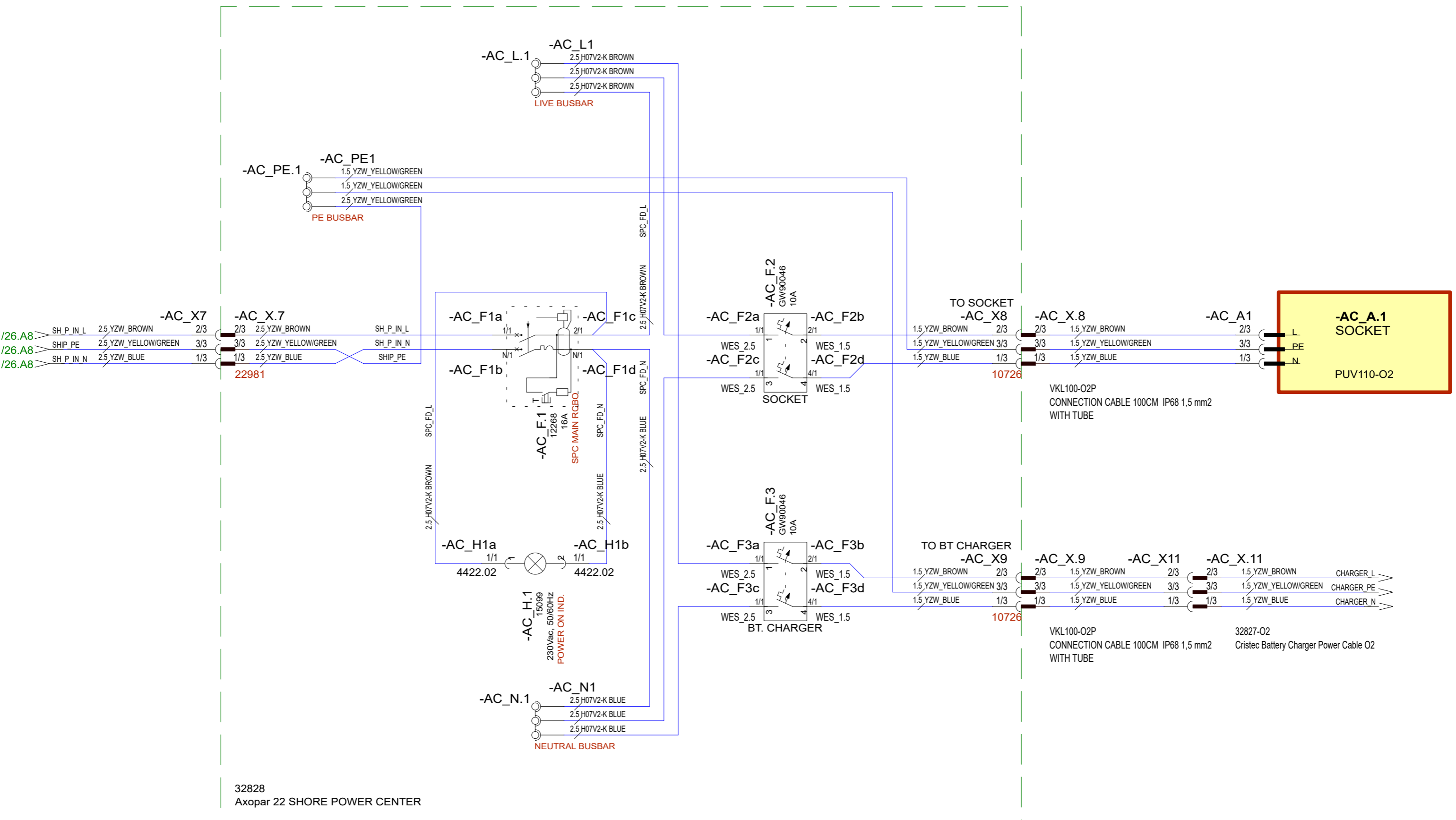
Boat model 25
 Sub-product code
 Product code
 Project ID
 Title
 Loc
 Sheet 25 / 47



15.6.2020	TuM	A1: INTRODUCED DRAWING.	Date	10.11.2021	<small>This document and all the information contained in it is proprietary and confidential information of Axopar Boats Oy. Neither this document nor any of the information contained herein may be reproduced, disclosed to others or used in any purpose other than for the purpose it has been provided without their prior written permission of Axopar Boats Oy</small>  	Axopar			
02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat			
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		22	Sub-product code		
Date of modification	Modified by	Description	Project rev.	D	Boat model	DIAGRAM - 230VAC SYSTEM	HL		26 / 47 Sheet
1	2	3	4	5	6	Title	Loc	8	

230VAC, 50Hz

15.6.2020	TuM	A1: INTRODUCED DRAWING.	Date	10.11.2021	This document and all the information contained in it is proprietary and confidential information of Axopar Boats Oy. Neither this document nor any of the information contained herein may be reproduced, disclosed to others or used in any purpose other than for the purpose it has been provided without their written permission of Axopar Boats Oy.	Axopar					
02.09.2022	TT	D5: NOT MODIFIED	Drawing by	TuM		Boat	22	Sub-product code	DIAGRAM -	Product code	Project ID
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		Boat model	22	DIAGRAM -	HL		
Date of modification	Modified by	Description	Project rev.	D			230VAC SYSTEM	Loc		27 / 47	



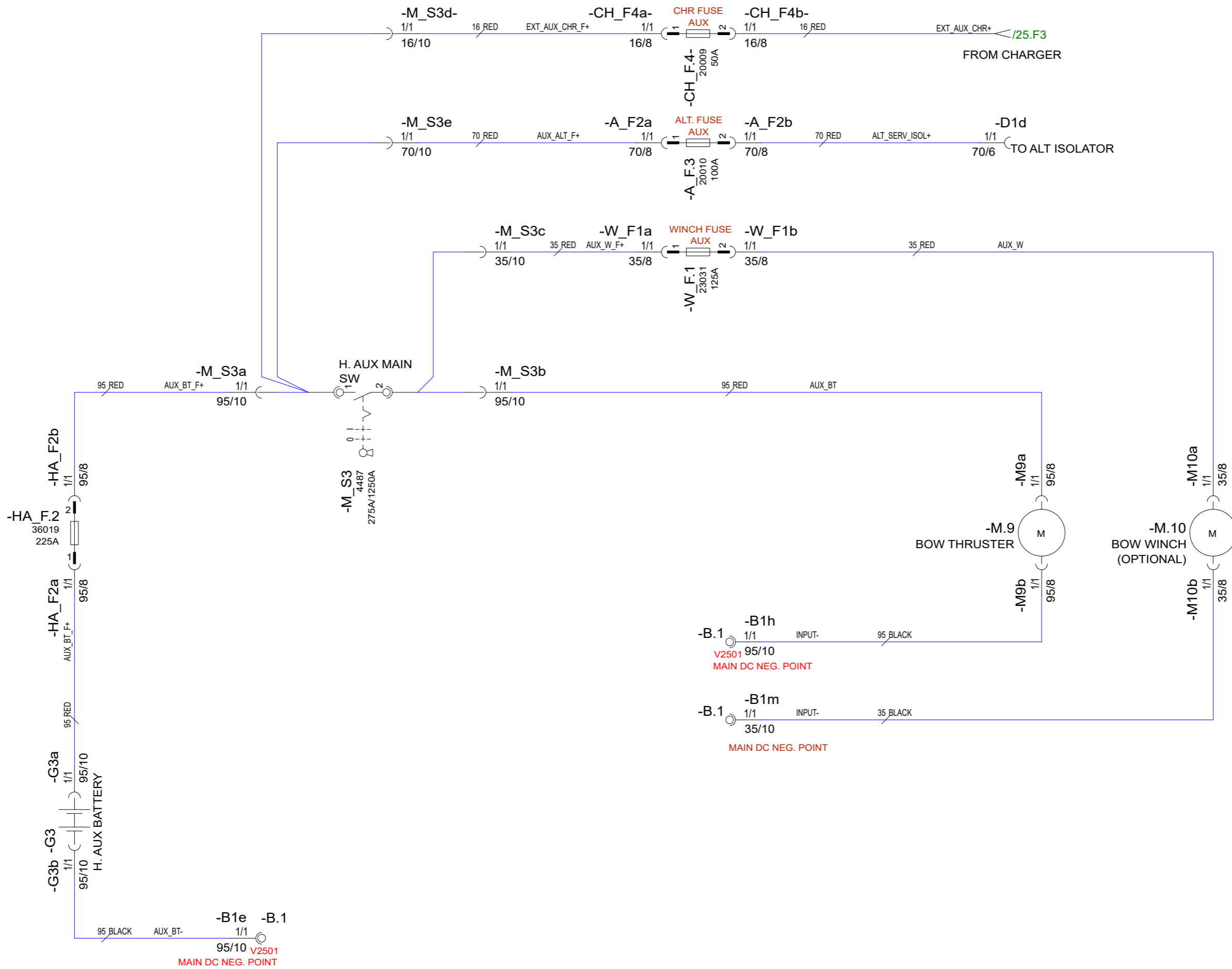
32828
Axopar 22 SHORE POWER CENTER

-AC_A.1 SOCKET
PUV110-O2

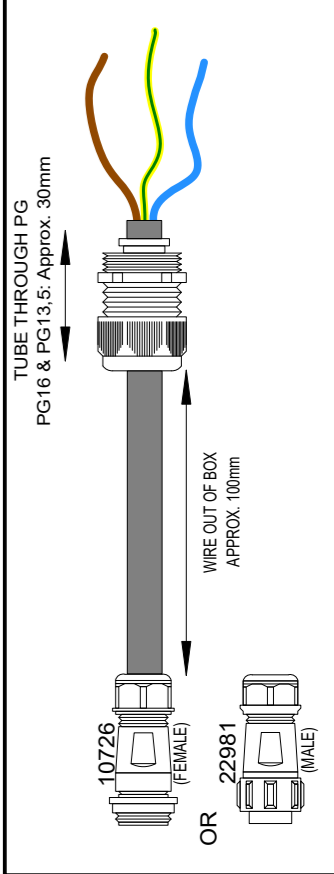
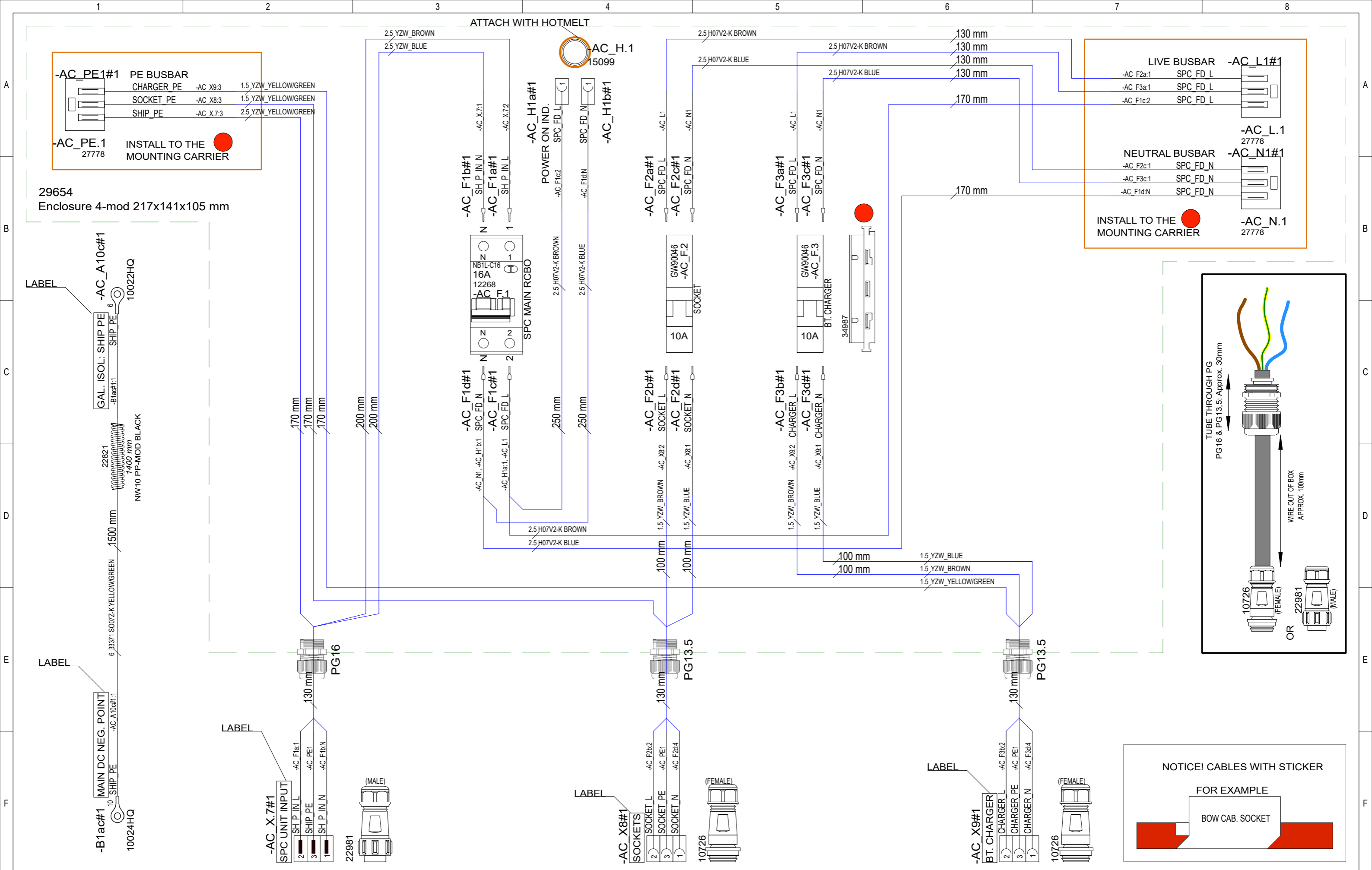
VKL100-O2P
CONNECTION CABLE 100CM IP68 1,5 mm2
WITH TUBE

VKL100-O2P
CONNECTION CABLE 100CM IP68 1,5 mm2
WITH TUBE

32827-O2
Cristec Battery Charger Power Cable O2



			Date	13.09.2022	Axopar					
13.09.2022	TT	D5: INTRODUCED DRAWING	Drawing by	TT		Boat		Sub-product code	Product code	Project ID
16.06.2023	TT	D6: NOT MODIFIED	Sheet rev.	6		25	DIAGRAM - BOW THRUSTER/WINCH		HL	28 / 47
Date of modification	Modified by	Description	Project rev.	D		Boat model	Title	Loc	Sheet	



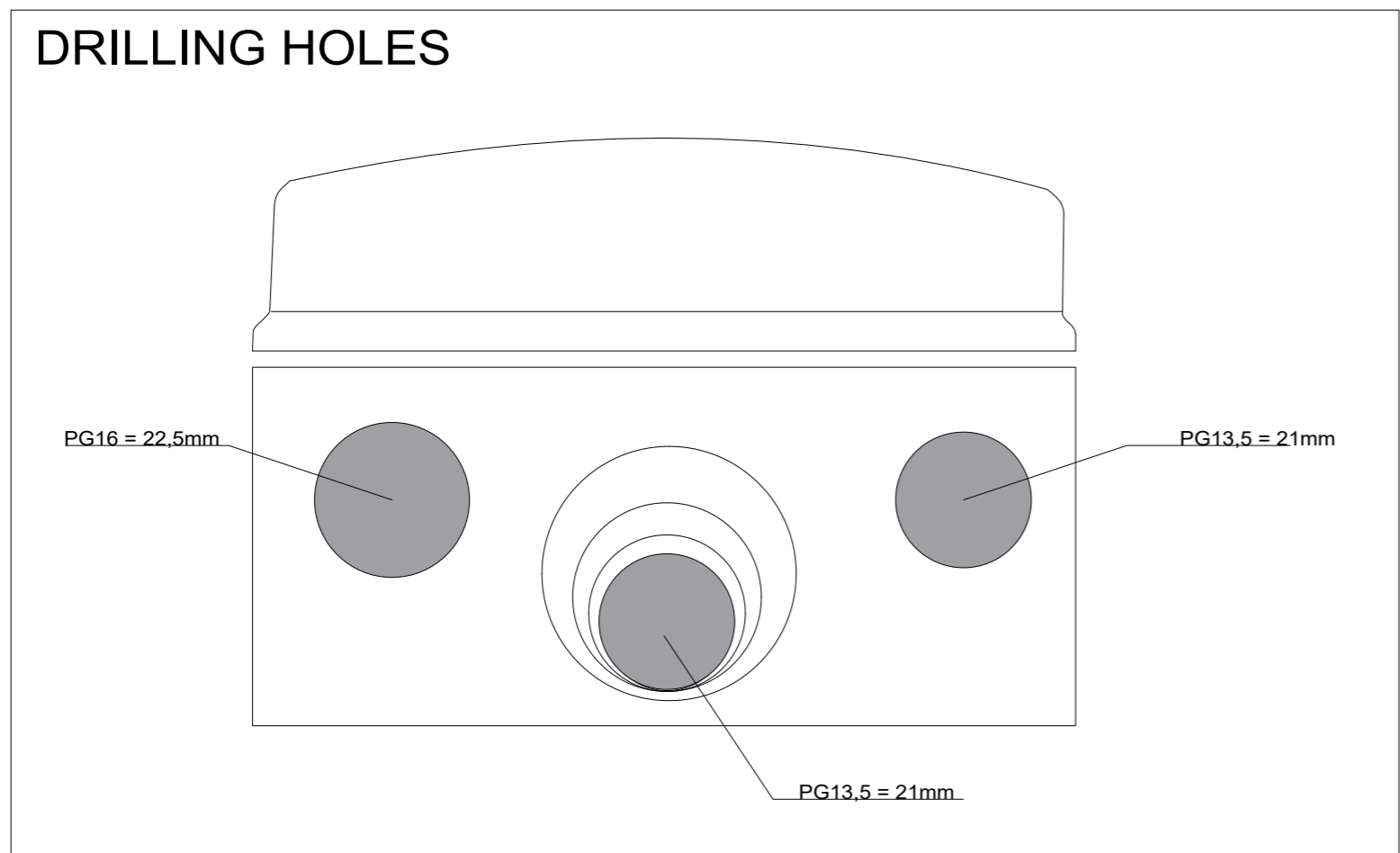
NOTICE! CABLES WITH STICKER
FOR EXAMPLE
BOW CAB. SOCKET

8.7.2020	TuM	A1: INTRODUCED DRAWING.	Date	10.11.2021
10.11.2021	VV	B2: PRODUCT CHANGED TO AXOPAR 25.	Drawing by	TuM
06.09.2022	TT	D3: MAIN NEG. POINT CABLE CHANGED	Sheet rev.	3
Date of modification	Modified by	Description	Project rev.	D

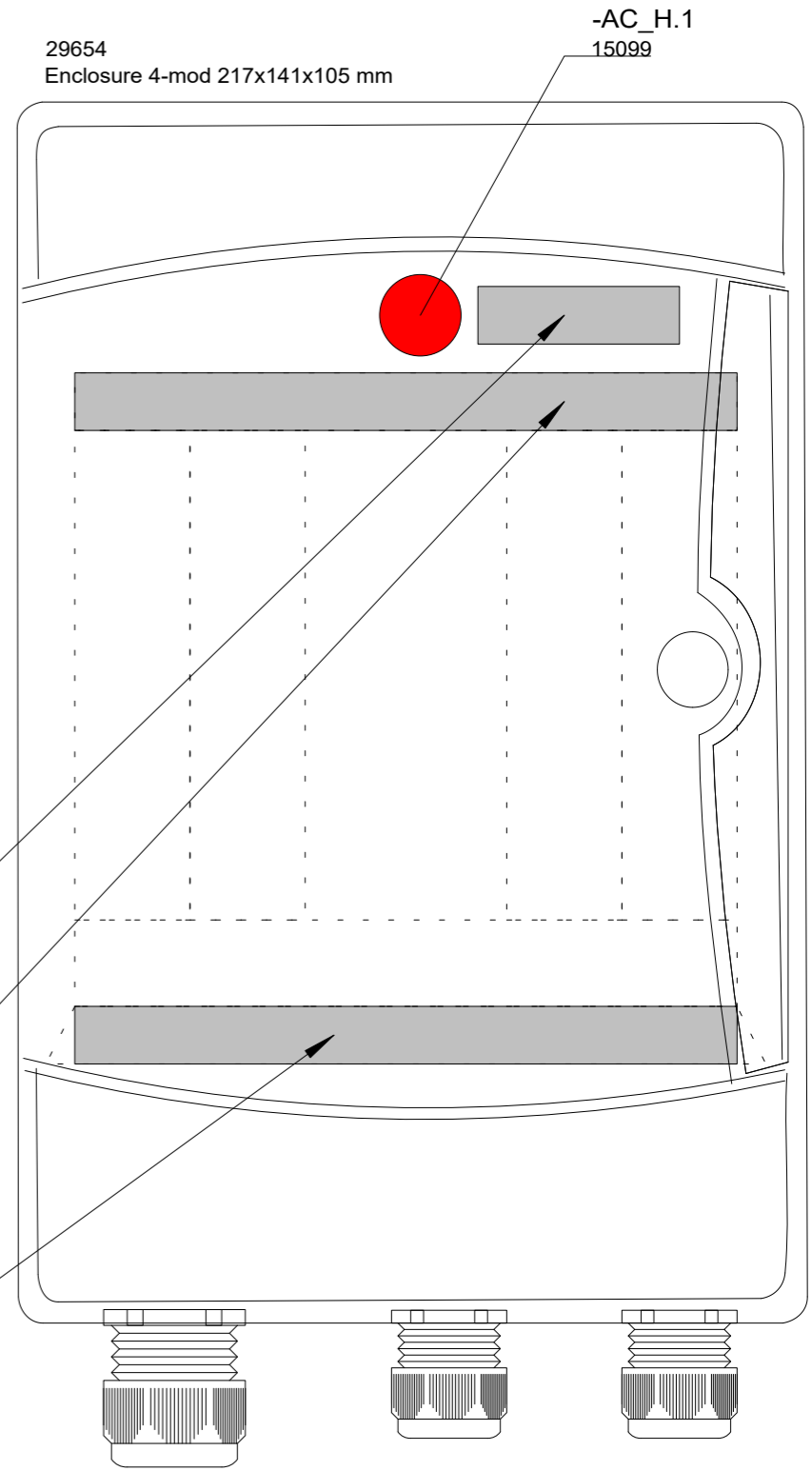
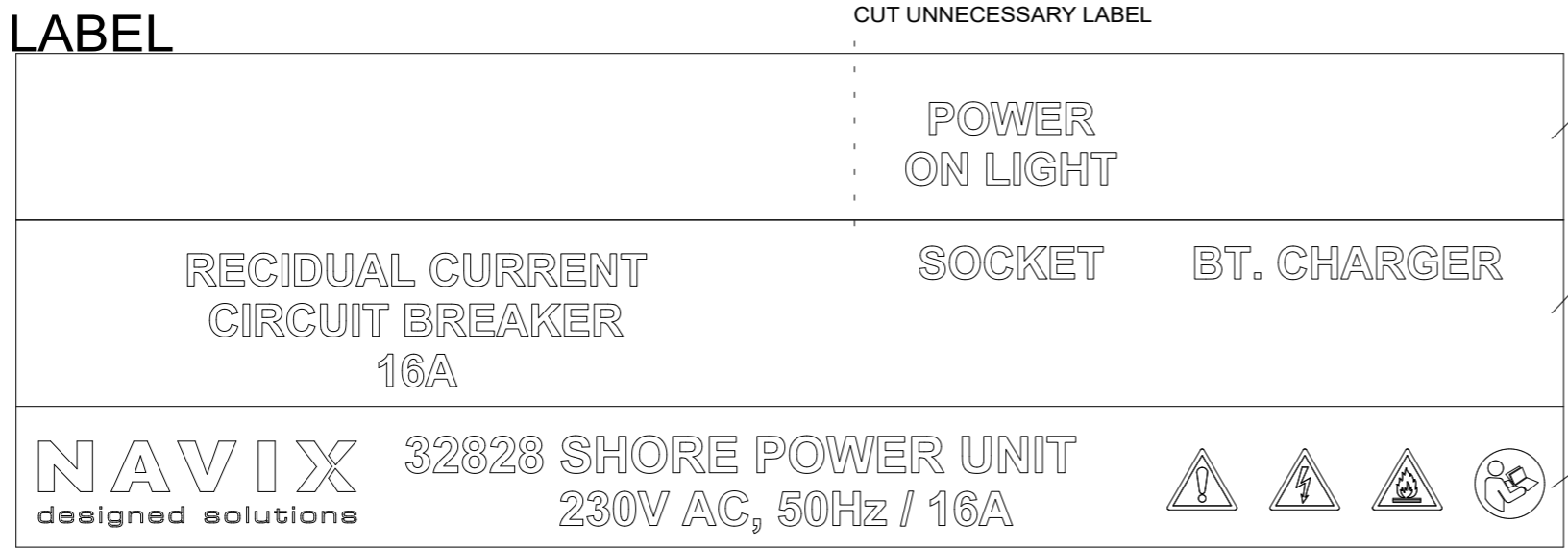


Axopar	32828	Project ID
Boat	Product code	HL
25	Sub-product code	Loc
Boat model	SHORE POWER UNIT - EURO	29 / 47
	Title	Sheet

DRILLING HOLES



LABEL



8.7.2020	TuM	A1: INTRODUCED DRAWING.	Date	10.11.2021
10.11.2021	VV	B2: PRODUCT CHANGED TO AXOPAR 25.	Drawing by	TuM
06.09.2022	TT	D3: MAIN NEG. POINT CABLE LENGHT CHANGED	Sheet rev.	3
Date of modification	Modified by	Description	Project rev.	D



Axopar	32828	Project ID	30 / 47 Sheet
Boat	Product code	HL	
25	SHORE POWER UNIT - EURO	Loc	
Boat model	Title		

SPC TARKASTUSPÖYTÄKIRJA

SPC INSPECTION SHEET

TUOTE TARRA /
PRODUCT LABEL

* PPKKV-JÄRJESTYSNUMERO / DDMMYY-RUNNING NUMBER (Esim. 11. maaliskuuta 2013 tehty tuote on sarjanumeroltaan 110313-01, seuraava on 110313-02 jne.)

SARJANUMERO* / SERIAL NUMBER*					
JOHDOT KIINNI OIKEIN / CORRECT CONNECTIONS					
MAADOITUS TULEVAT JA LÄHTEVÄT / GROUND CONNECTION IN AND OUT					
VVS JA TOTSIT I-ASENNOSSA / RCBO AND CIRCUIT BREAKERS IN I-POSITION					
ERISTYSVASTUS (mA) max lukema ** / ISOLATION RESISTOR (mA) max **					
MAAPIIRI 10A (Ohm) max lukema ** / GROUND CIRCUIT 10A (Ohm) max **					
TOIMINNALLINEN JA VVS TESTAUS / FUNCTIONAL AND RCBO TEST					
SARJANUMERO TARRA / SERIAL NUMBER STICKER					
PVM / DATE					
TESTASI / TESTED BY					


Tehty CENELEC EN 50106 mukaan / Made according to CENELEC EN 50106

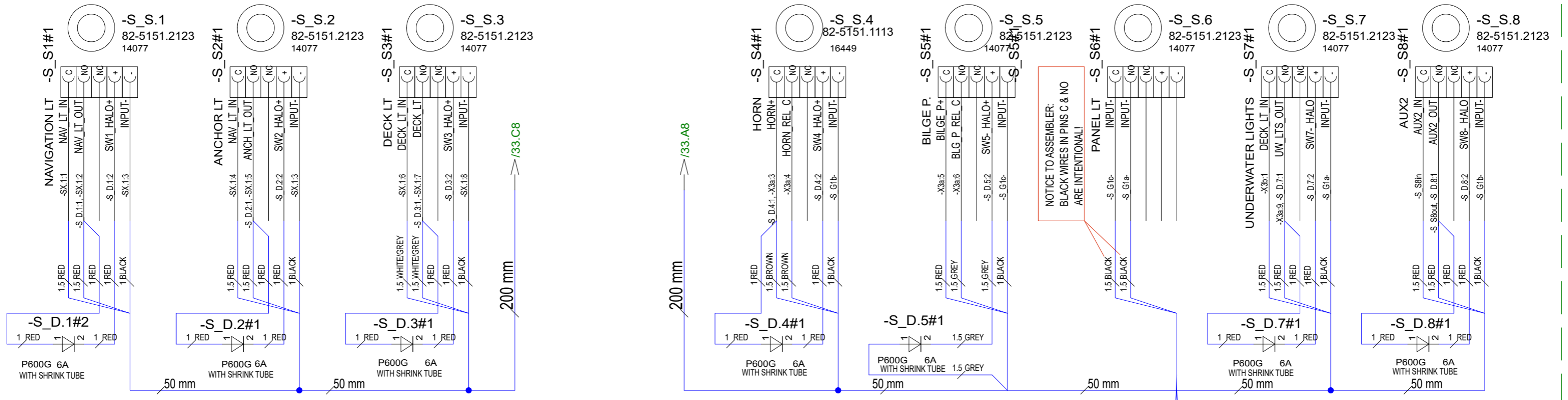
**ERISTYSVASTUS JA MAAPIIRI TESTATTAVA JOKAISEEN SISÄÄNTULOON JA ULOSMENOON / ISOLATION RESISTOR AND GROUND CIRCUIT SHOULD BE TESTED FOR EVERY IN AND OUT

RAJA-ARVOT / LIMITS:

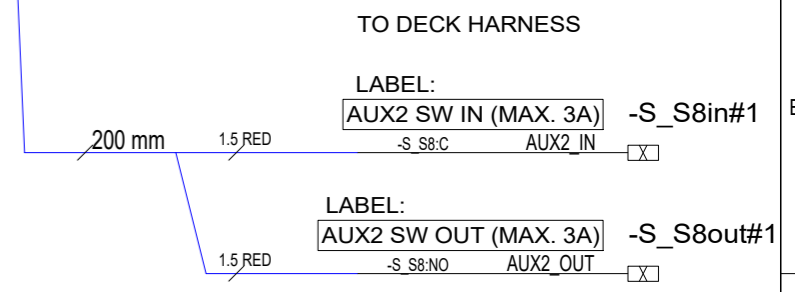
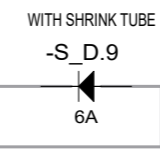
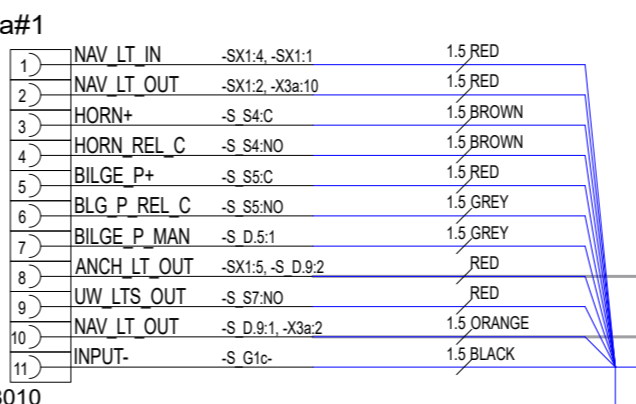
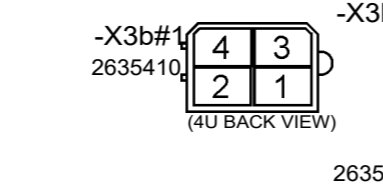
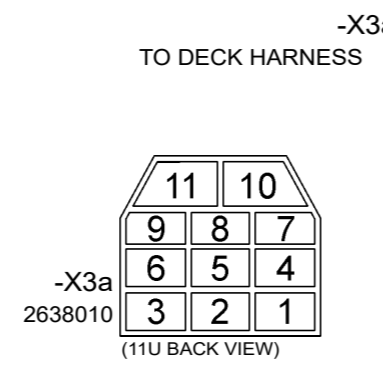
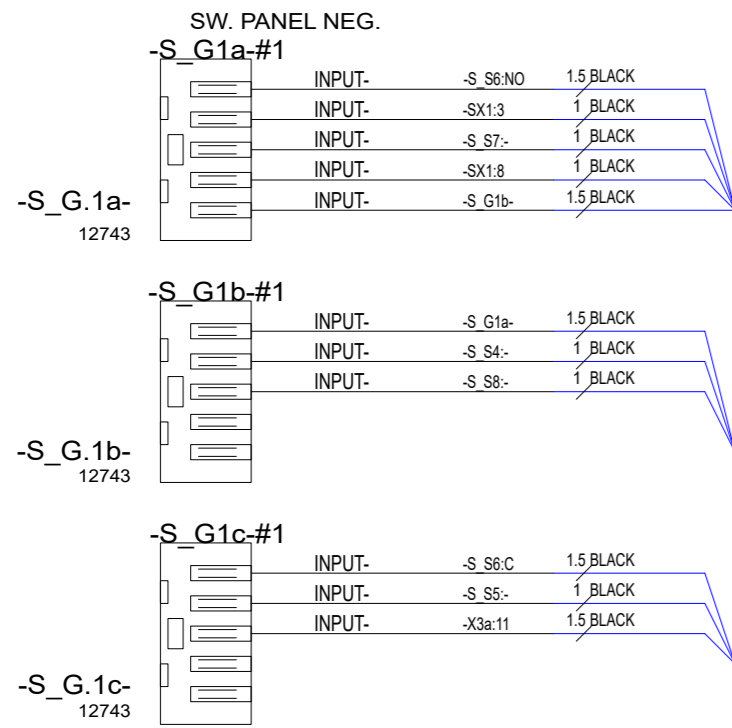
ERISTYSVASTUS / ISOLATING RESISTOR 1000V = <20mA

MAAPIIRI / GROUND CIRCUIT 10A = <0,2 Ohm

8.7.2020	TuM	A1: INTRODUCED DRAWING.	Date	10.11.2021		Axopar			
10.11.2021	VV	B2: PRODUCT CHANGED TO AXOPAR 25.	Drawing by	TuM	Copyright by	Boat	Sub-product code	32828	
06.09.2022	TT	D3: MAIN NEG. POINT CABLE LENGHT CHANGED	Sheet rev.	3		25	SHORE POWER UNIT - EURO	Product code	HL
Date of modification	Modified by	Description	Project rev.	D		Boat model	Title	Loc	31/ 47
1	2	3	4	5	6	7	8	Sheet	



NOTICE TO ASSEMBLER:
BLACK WIRES IN PINS C & NO
ARE INTENTIONAL!

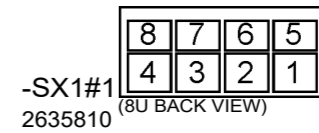
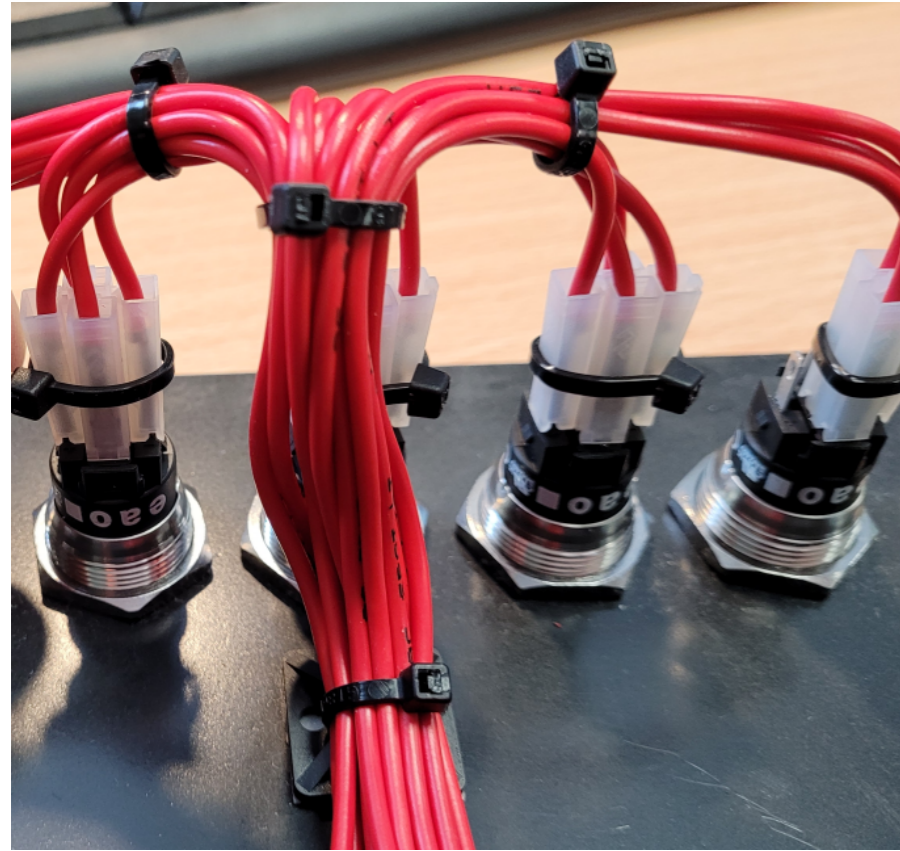


NOTICE!
VERIFY THAT ALL CABLES HAVE MARKINGS
SHOWN IN EXAMPLE BELOW.
EXEMPTION:
ALL <500mm WIRES AND BLACK WIRES
THIS MARKING IS NOT NEEDED.

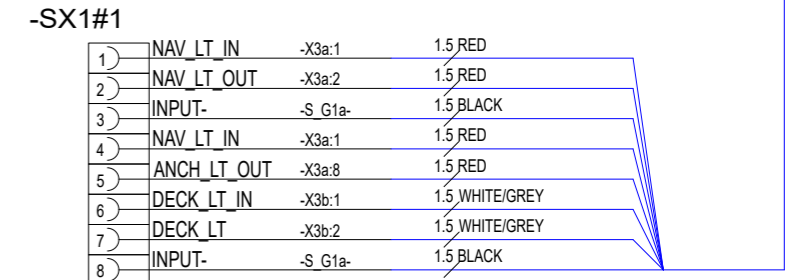
R2 ISO 6722 100V AWG16 +100 C

EXAMPLE: RED 1,5mm² WIRE MARKINGS.

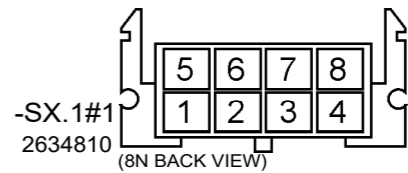
06.09.2022	TT	D3: NOT MODIFIED. REVISION CHANGED	Date	21.06.2021	This document and all the information contained in it is proprietary and confidential information of Axopar Boats Oy. Neither this document nor any of the information contained herein may be reproduced, disclosed to others or used in any purpose other than for the purpose it has been provided without their written permission of Axopar Boats Oy. 	Axopar	SEE EXP VIEW	35165	Project ID
4.10.2021	VV	B2: -S_S.7 SW FUNCTION CHANGED AUX -> UNDERWATER LIGHTS.	Drawing by	TT		Boat	Sub-product code	Product code	
14.04.2022	RP	C3: SX1,SX.1 ADDED; S_S7in, S_S7out REMOVED; X3a/9 ADDED	Sheet rev.	3		Boat model	SWITCH PANEL	Loc	32 / 47
Date of modification	Modified by	Description	Project rev.	D			Title		Sheet



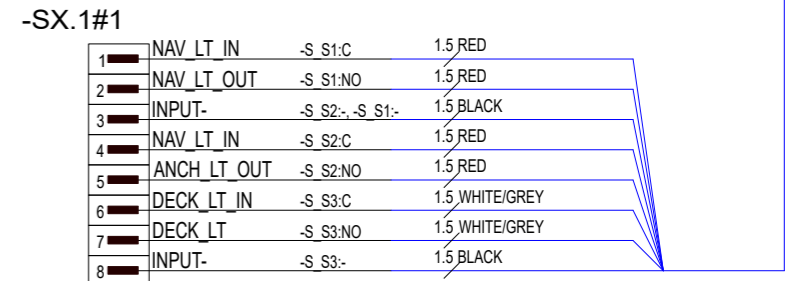
-SX1#1
2635810 (8U BACK VIEW)



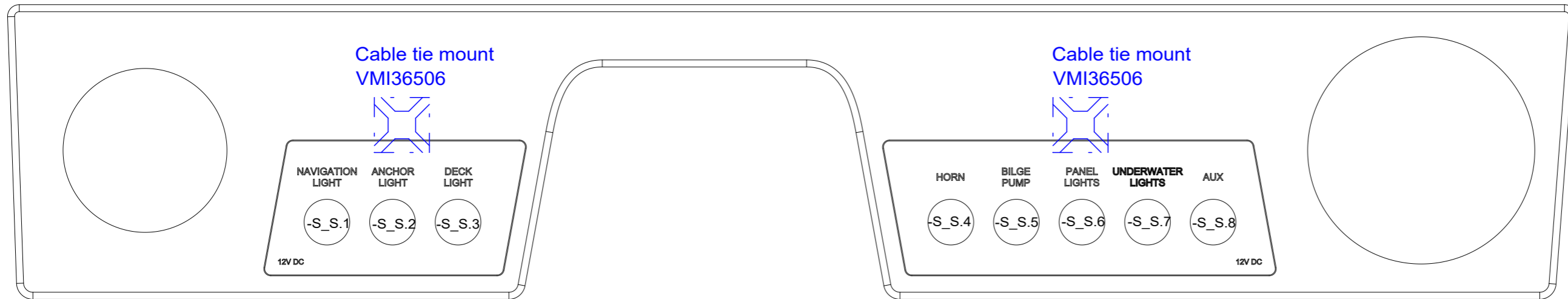
2635810



-SX.1#1
2634810 (8N BACK VIEW)





2634810

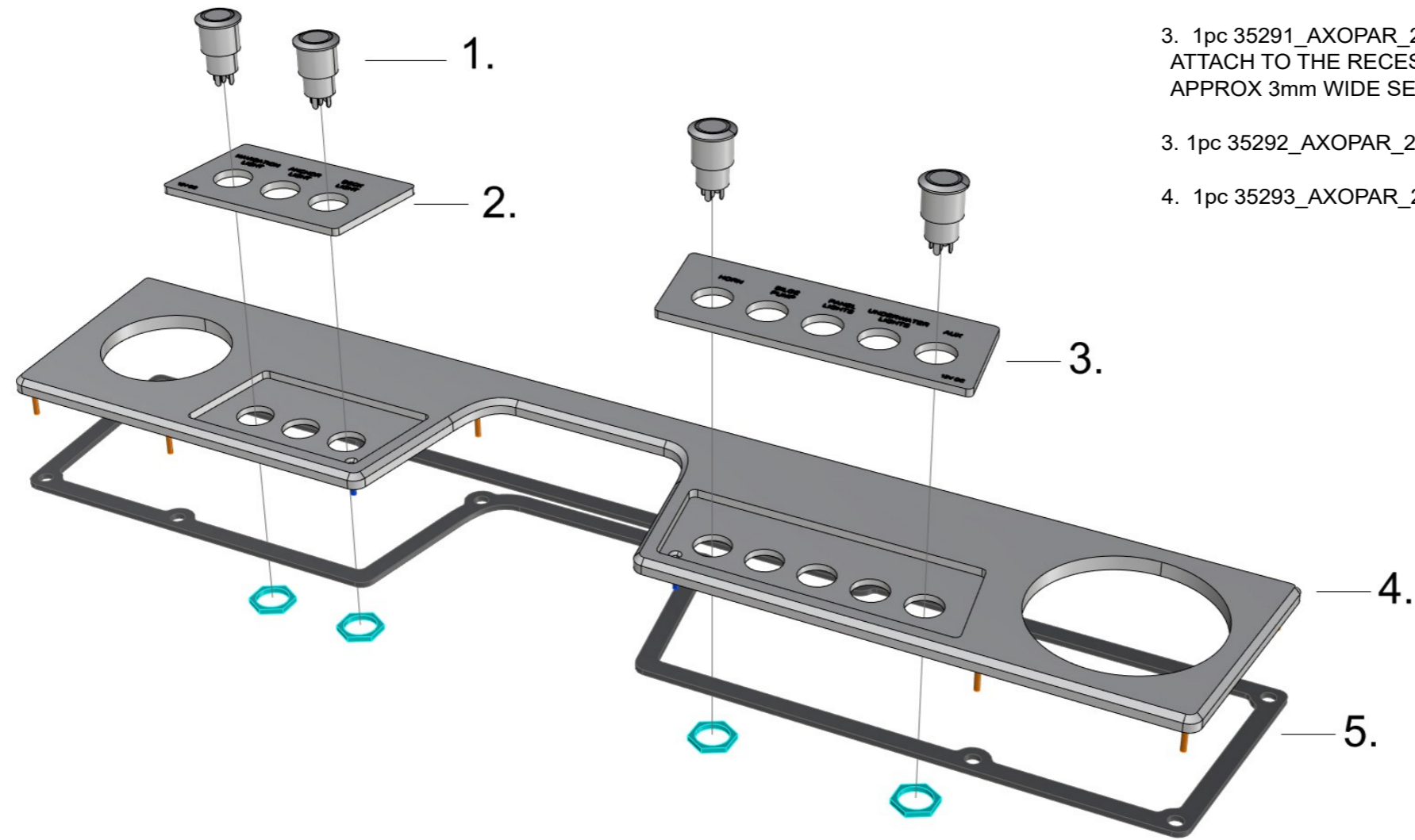


1. Install the Cable Tie Mounts on the back of the panel, using double-sided tape attached. As in the pictures. (Clean the panel surface first.)

2. Attach the harness to the mount with the cable tie. 3. Make sure that the wires coming from the switches are not tight!

06.09.2022	TT	D3: NOT MODIFIED. REVISION CHANGED	Date	21.06.2021	This document and all the information contained in it is proprietary and confidential information of Axopar Boats Oy. Neither this document nor any of the information contained herein may be reproduced, disclosed to others or used in any purpose other than for the purpose it has been provided without their written permission of Axopar Boats Oy.  	Axopar	SEE EXP VIEW	35165	Project ID	
4.10.2021	VV	B2: -S_S.7 SW FUNCTION CHANGED AUX -> UNDERWATER LIGHTS.	Drawing by	TT		Boat	Sub-product code	Product code		HL
14.04.2022	RP	C3: SX1,SX.1 ADDED; S_S7in, S_S7out REMOVED; X3a/9 ADDED	Sheet rev.	3		25	SWITCH PANEL	HL		33 / 47
Date of modification	Modified by	Description	Project rev.	D		Boat model	Title	Loc		Sheet

EXP VIEW



35165_AXOPAR_25_SWITCH_PANEL



1. 8pcs SWITCH (AS IN DIAGRAM)

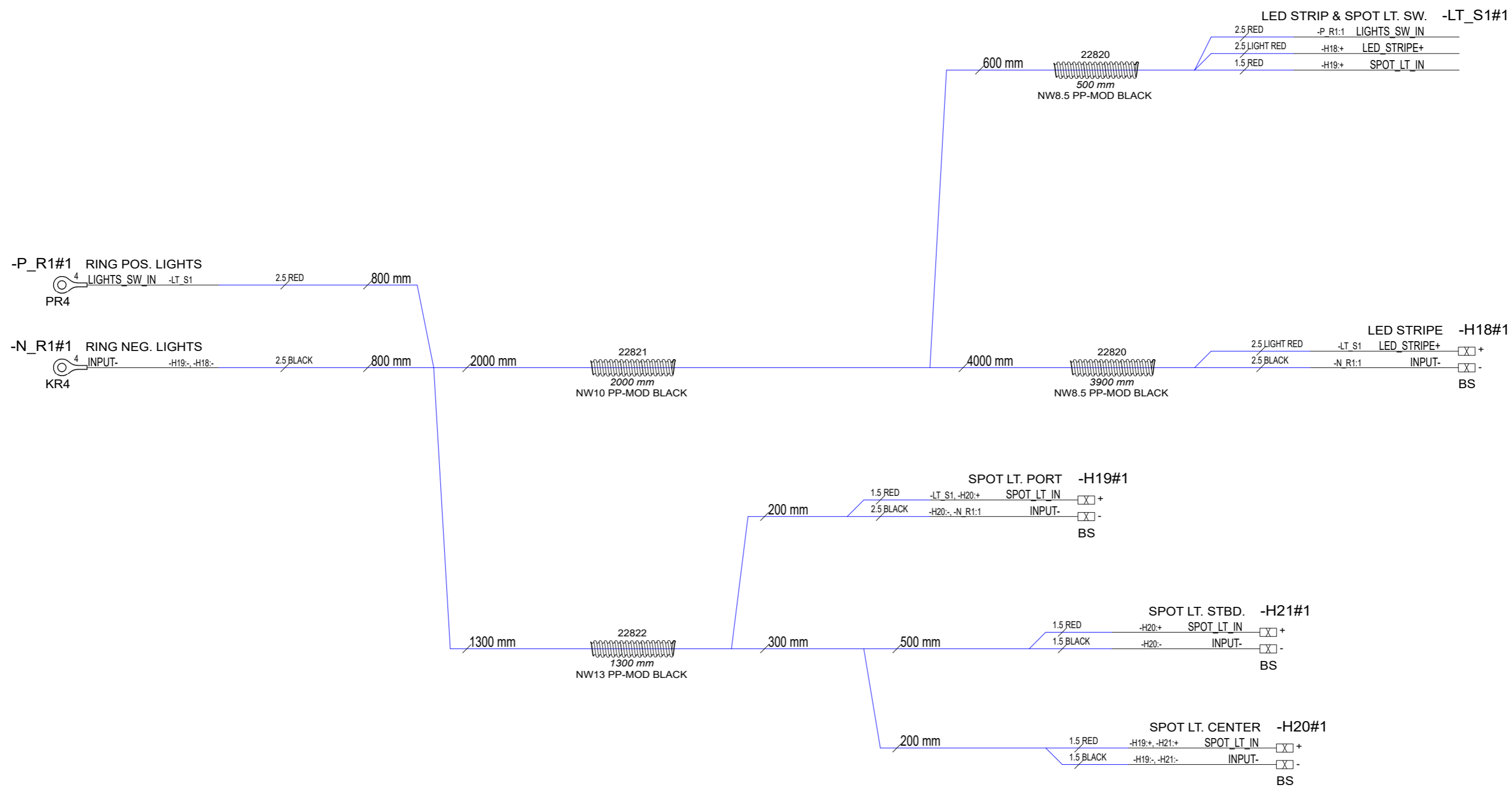
2. 1pc 35290_AXOPAR_25_SWITCH_PANEL_ACRYLIC_PORT_V1
ATTACH TO THE RECESS WITH 35292 MS-POLYMER BLACK GLUE AND APPLY APPROX 3mm WIDE SEAM AROUND AT BOTTOM OF RECESS.

3. 1pc 35291_AXOPAR_25_SWITCH_PANEL_ACRYLIC_STB_V2
ATTACH TO THE RECESS WITH 35292 MS-POLYMER BLACK GLUE AND APPLY APPROX 3mm WIDE SEAM AROUND AT BOTTOM OF RECESS.

3. 1pc 35292_AXOPAR_25_SWITCH_PANEL_BASE_V1

4. 1pc 35293_AXOPAR_25_SWITCH_PANEL_GASKET_V1

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4.10.2021	VV	B2: -S_S.7 SW FUNCTION CHANGED AUX -> UNDERWATER LIGHTS.	Drawing by	TT		Boat	Sub-product code	Product code	
14.04.2022	RP	C3: SX1,SX.1 ADDED; S_S7in, S_S7out REMOVED; X3a/9 ADDED	Sheet rev.	3		25	SWITCH PANEL	HL	34 / 47 Sheet
Date of modification	Modified by	Description	Project rev.	D		Boat model	Title	Loc	

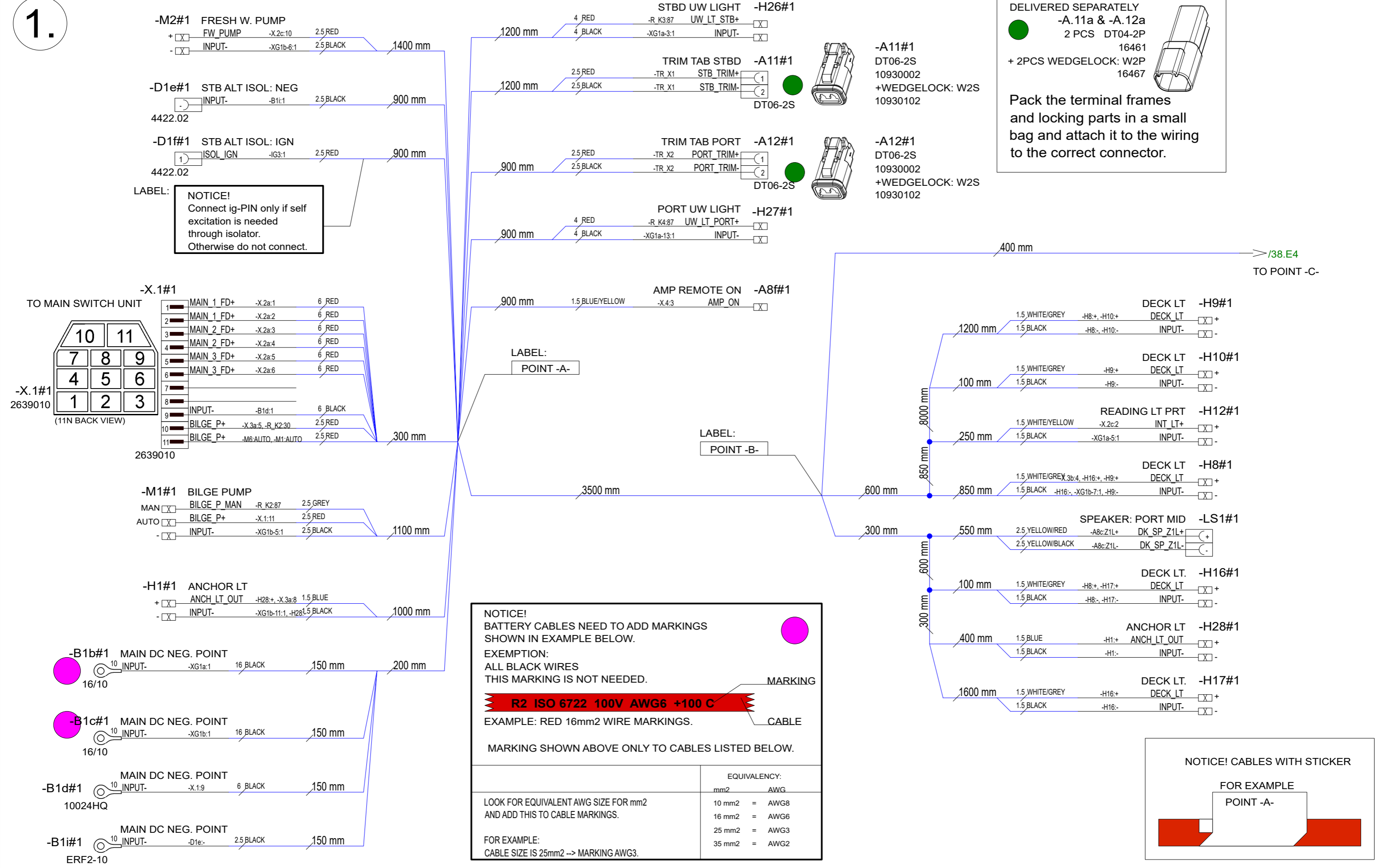


3.11.2021	VV	B1: INTRODUCED DRAWING.	Date	3.11.2021
06.09.2022	TT	D1: NOT MODIFIED. REVISION CHANGED	Drawing by	VV
			Sheet rev.	1
Date of modification	Modified by	Description	Project rev.	D

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AXOPAR	BRABUS MARINE	Axopar	Boat	25	Sub-product code	UPPER LINER LIGHT HARNESS	Product code	35693	Project ID	
			Boat model	6	Title		HL			35 / 47
							Loc			Sheet

1.



DELIVERED SEPARATELY
 -A.11a & -A.12a
 2 PCS DT04-2P 16461
 + 2PCS WEDGELOCK: W2P 16467

Pack the terminal frames and locking parts in a small bag and attach it to the wiring to the correct connector.

NOTICE!
 Connect ig-PIN only if self excitation is needed through isolator. Otherwise do not connect.

POINT -A-

POINT -B-

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

EXEMPTION:
 ALL BLACK WIRES THIS MARKING IS NOT NEEDED.

EXAMPLE: RED 16mm2 WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

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

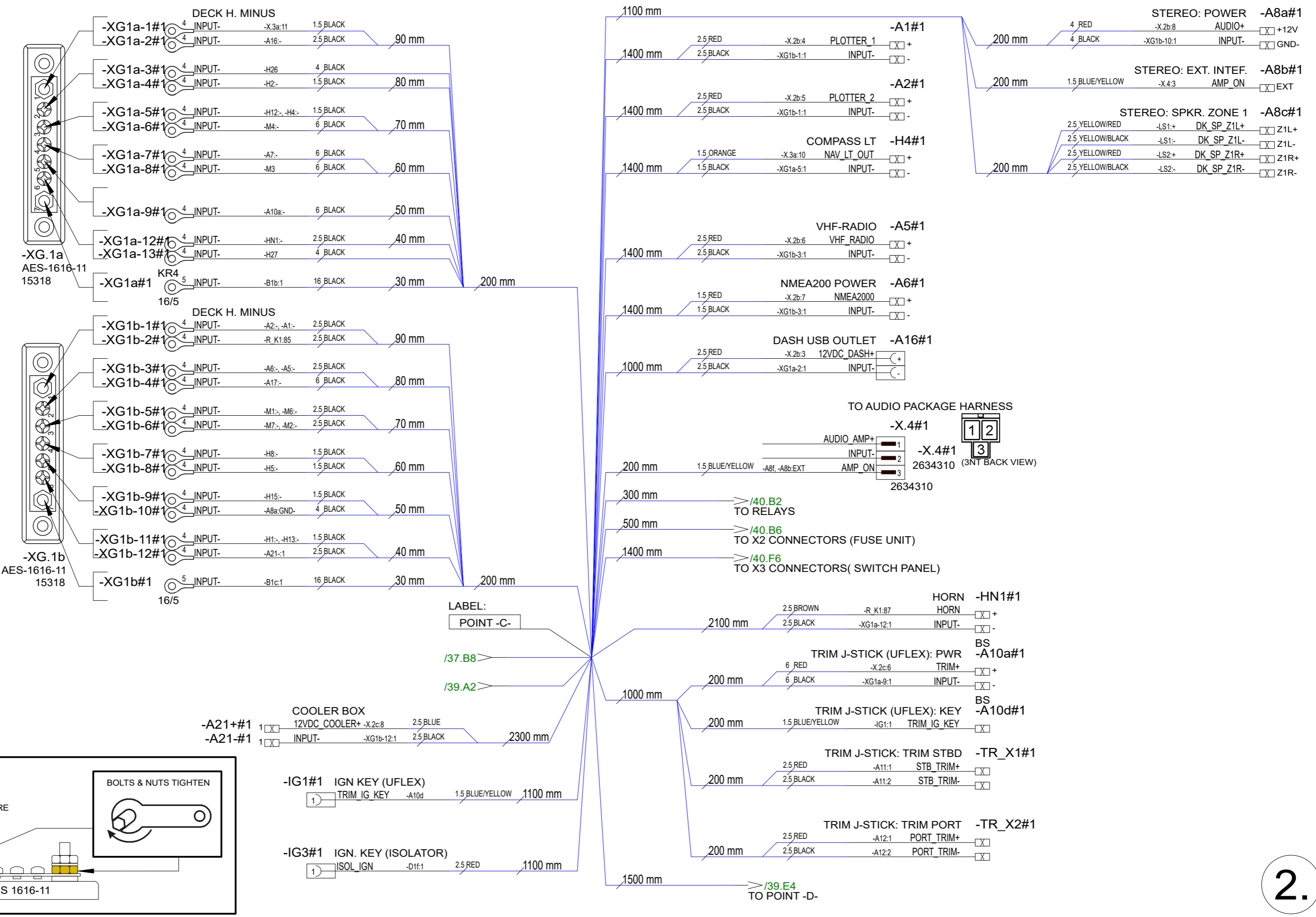
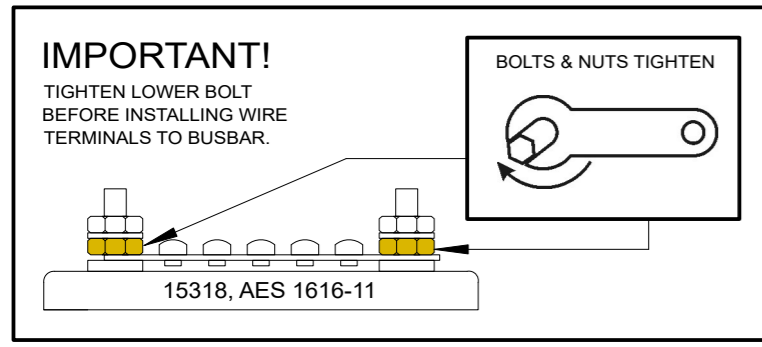
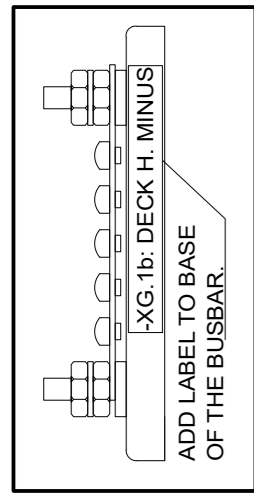
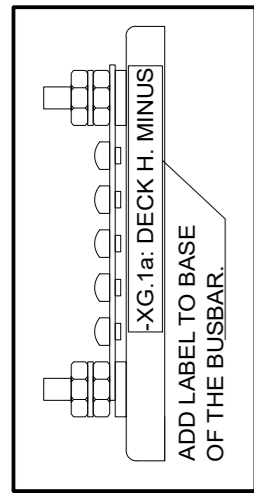
LOOK FOR EQUIVALENT AWG SIZE FOR mm2 AND ADD THIS TO CABLE MARKINGS.

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

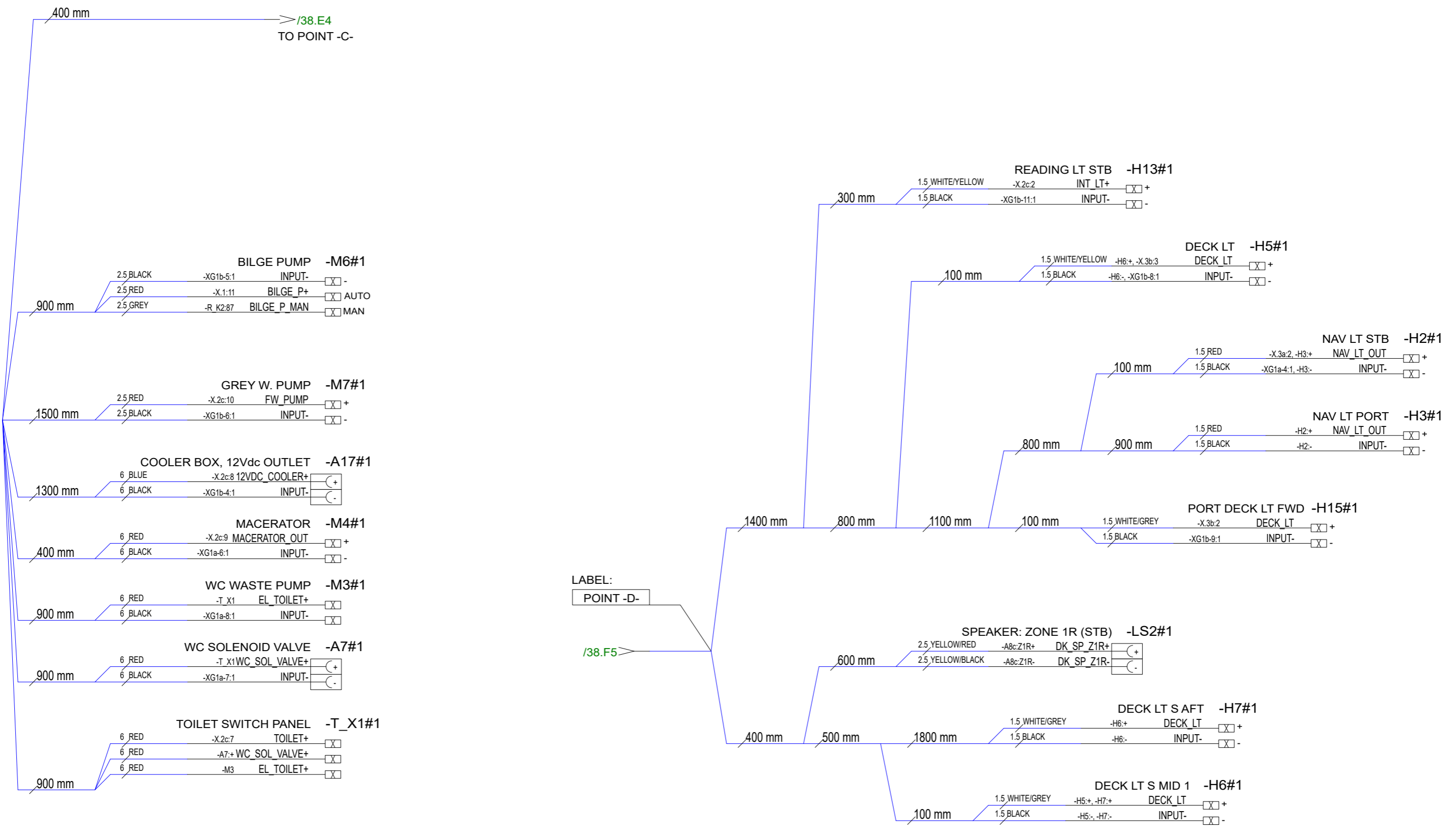
NOTICE! CABLES WITH STICKER

FOR EXAMPLE

29.9.2021	VV	B1: INTRODUCED DRAWING.	Date	29.9.2021	Axopar Boat 25 Boat model	DECK HARNESS Title	35694 Product code	Project ID	HL Loc	37 / 47 Sheet
14.04.2022	RP	C2: R_K3,R_K4,H26,H27,A21 ADDED; HN1 MOVED TO PIINT "C"	Drawing by	VV						
06.09.2022	TT	D3: SEVERAL MODIFICATIONS; BRANCHES REARRANGED	Sheet rev.	3						
Date of modification	Modified by	Description	Project rev.	D						

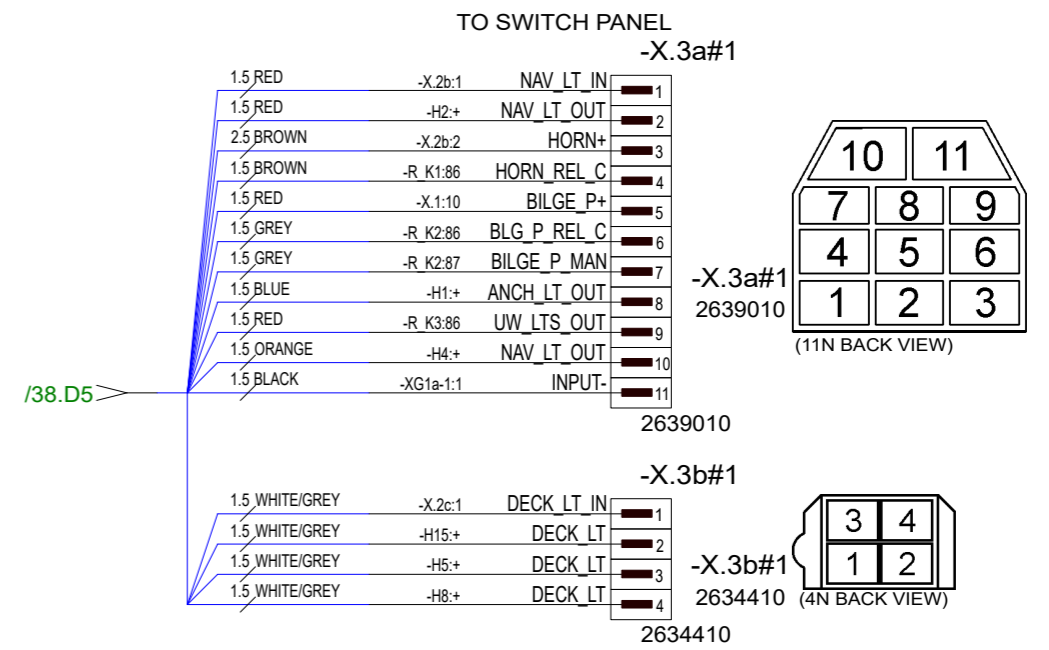
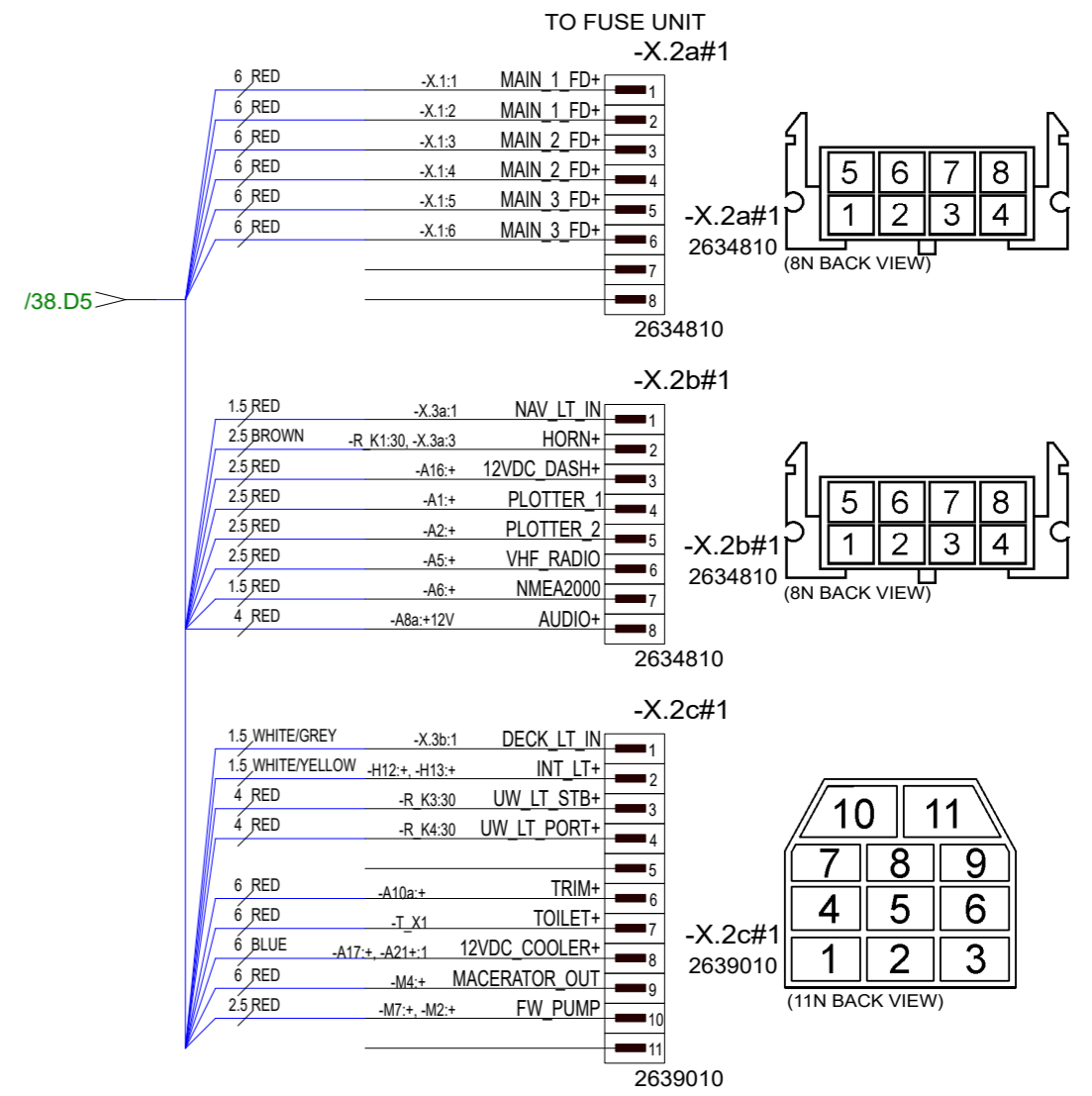
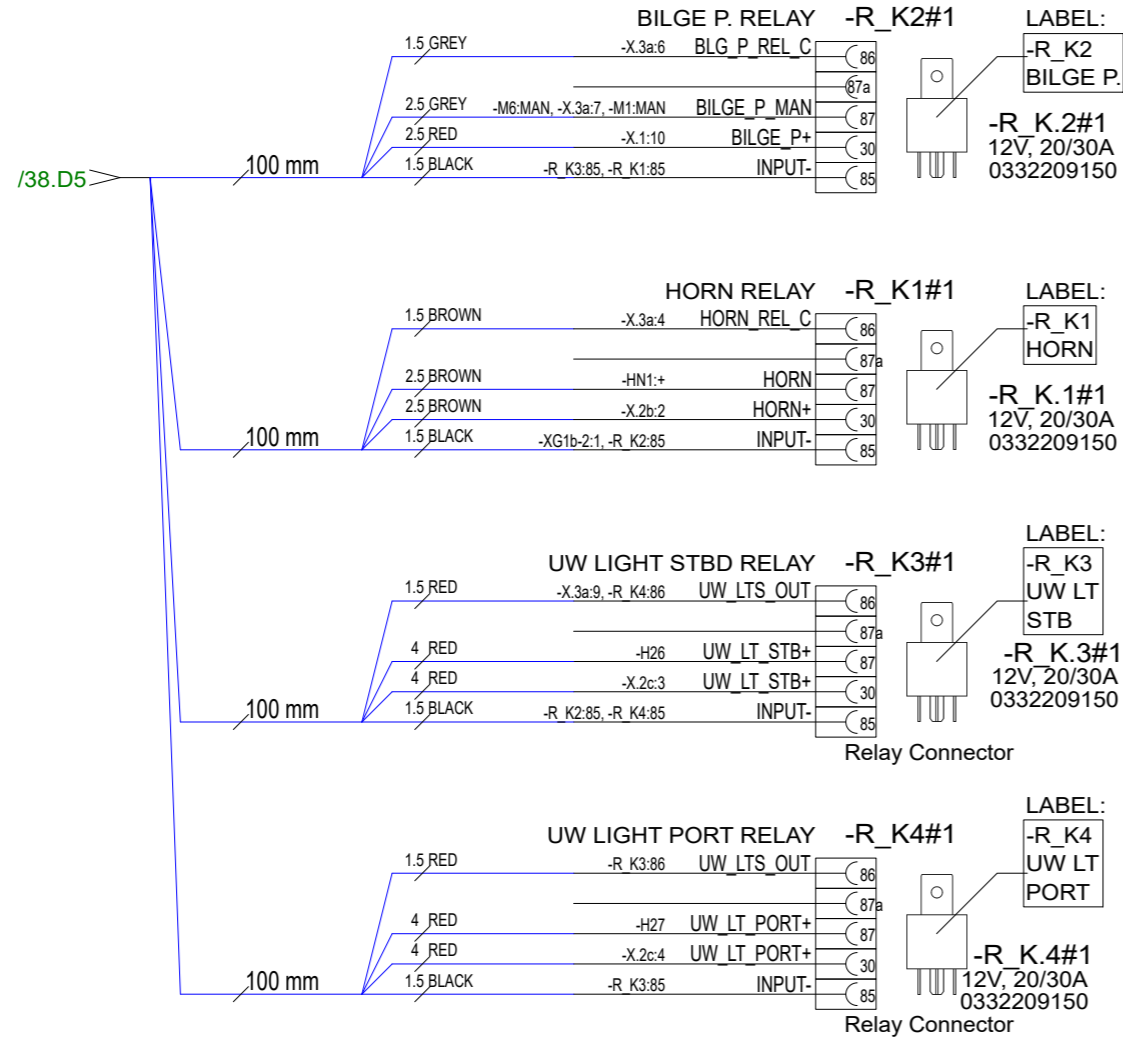




29.9.2021	VV	B1: INTRODUCED DRAWING.	Date	29.9.2021	Axopar Boat 25 Boat model	Sub-product code DECK HARNESS Title	35694 Product code HL Loc	Project ID 38 / 47 Sheet
14.04.2022	RP	C2: R_K3,R_K4,H26,H27,A21 ADDED; HN1 MOVED TO PIINT "C"	Drawing by	VV				
06.09.2022	TT	D3: SEVERAL MODIFICATIONS; BRANCHES REARRANGED	Sheet rev.	3				
Date of modification	Modified by	Description	Project rev.	D				

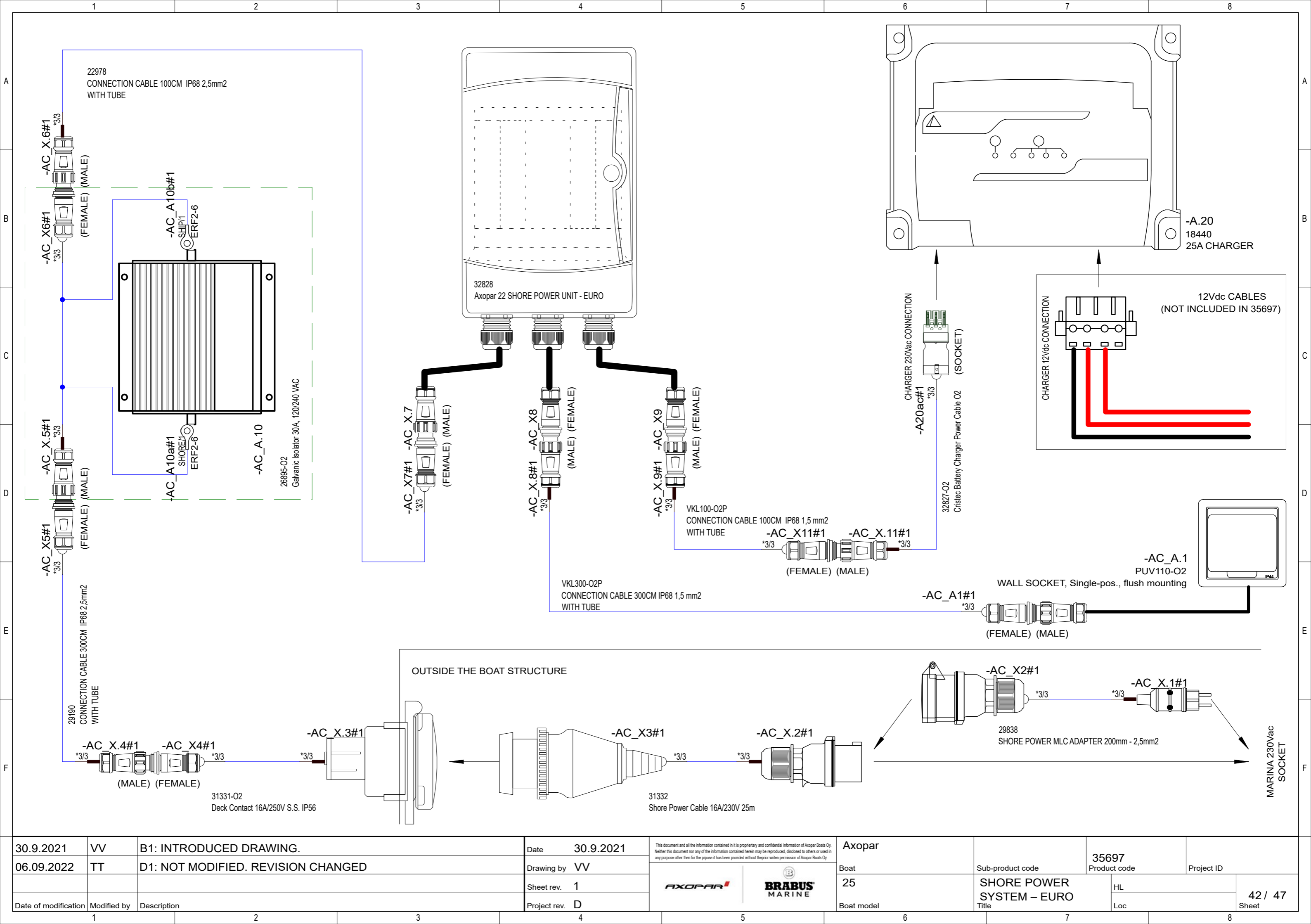


29.9.2021	VV	B1: INTRODUCED DRAWING.	Date	29.9.2021	This document and all the information contained in it is proprietary and confidential information of Axopar Boats Oy. Neither this document nor any of the information contained herein may be reproduced, disclosed to others or used in any purpose other than for the purpose it has been provided without their written permission of Axopar Boats Oy. 	Axopar					
14.04.2022	RP	C2: R_K3,R_K4,H26,H27,A21 ADDED; HN1 MOVED TO PIINT "C"	Drawing by	VV		Boat	Sub-product code	35694	Product code	Project ID	
06.09.2022	TT	D3: SEVERAL MODIFICATIONS; BRANCHES REARRANGED	Sheet rev.	3		25	DECK HARNESS	HL	39 / 47		
Date of modification	Modified by	Description	Project rev.	D	Boat model	Title	Loc	Sheet			

4.

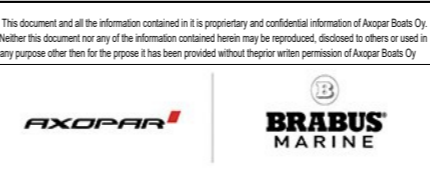


29.9.2021	VV	B1: INTRODUCED DRAWING.	Date	29.9.2021	This document and all the information contained in it is proprietary and confidential information of Axopar Boats Oy. Neither this document nor any of the information contained herein may be reproduced, disclosed to others or used in any purpose other than for the purpose it has been provided without their written permission of Axopar Boats Oy.  	Axopar				
14.04.2022	RP	C2: R_K3,R_K4,H26,H27,A21 ADDED; HN1 MOVED TO POINT "C"	Drawing by	VV		Boat	Sub-product code	35694	Product code	Project ID
06.09.2022	TT	D3: SEVERAL MODIFICATIONS; BRANCHES REARRANGED	Sheet rev.	3		25	DECK HARNESS	HL		40 / 47
Date of modification	Modified by	Description	Project rev.	D		Boat model	Title	Loc		Sheet



30.9.2021	VV	B1: INTRODUCED DRAWING.	Date	30.9.2021
06.09.2022	TT	D1: NOT MODIFIED. REVISION CHANGED	Drawing by	VV
			Sheet rev.	1
Date of modification	Modified by	Description	Project rev.	D

Axopar		35697		Project ID	
Boat	25	Sub-product code	SHORE POWER SYSTEM - EURO	HL	
Boat model		Title		Loc	42 / 47
			Sheet		



NOTICE!
BATTERY CABLES NEED TO ADD MARKINGS
SHOWN IN EXAMPLE BELOW. PRINTED EVERY 120mm.

EXEMPTION:
ALL BLACK WIRES
THIS MARKING IS NOT NEEDED.



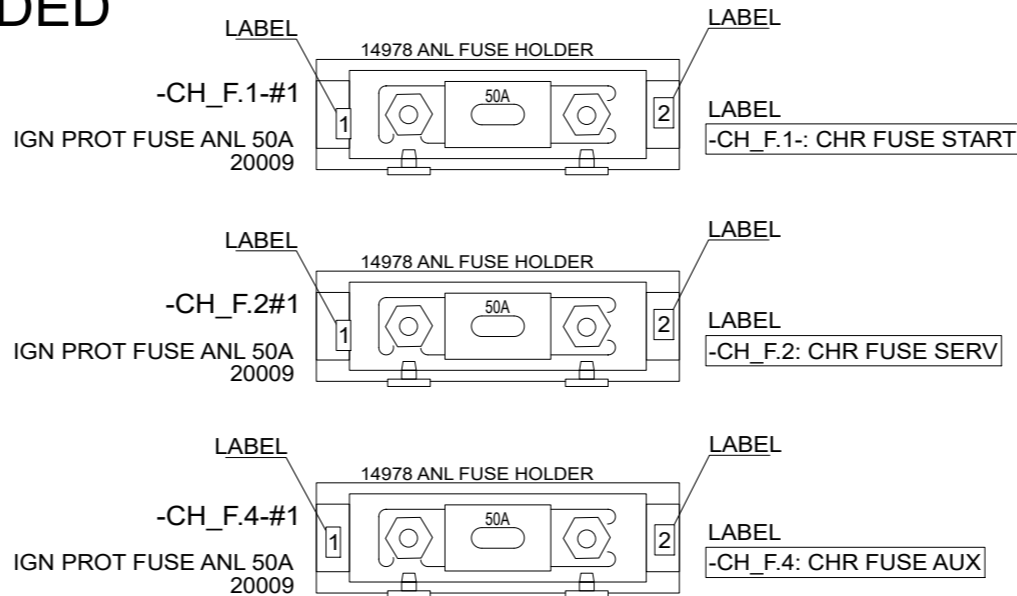
MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

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

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

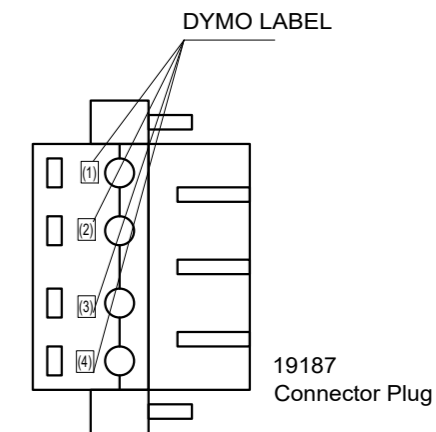
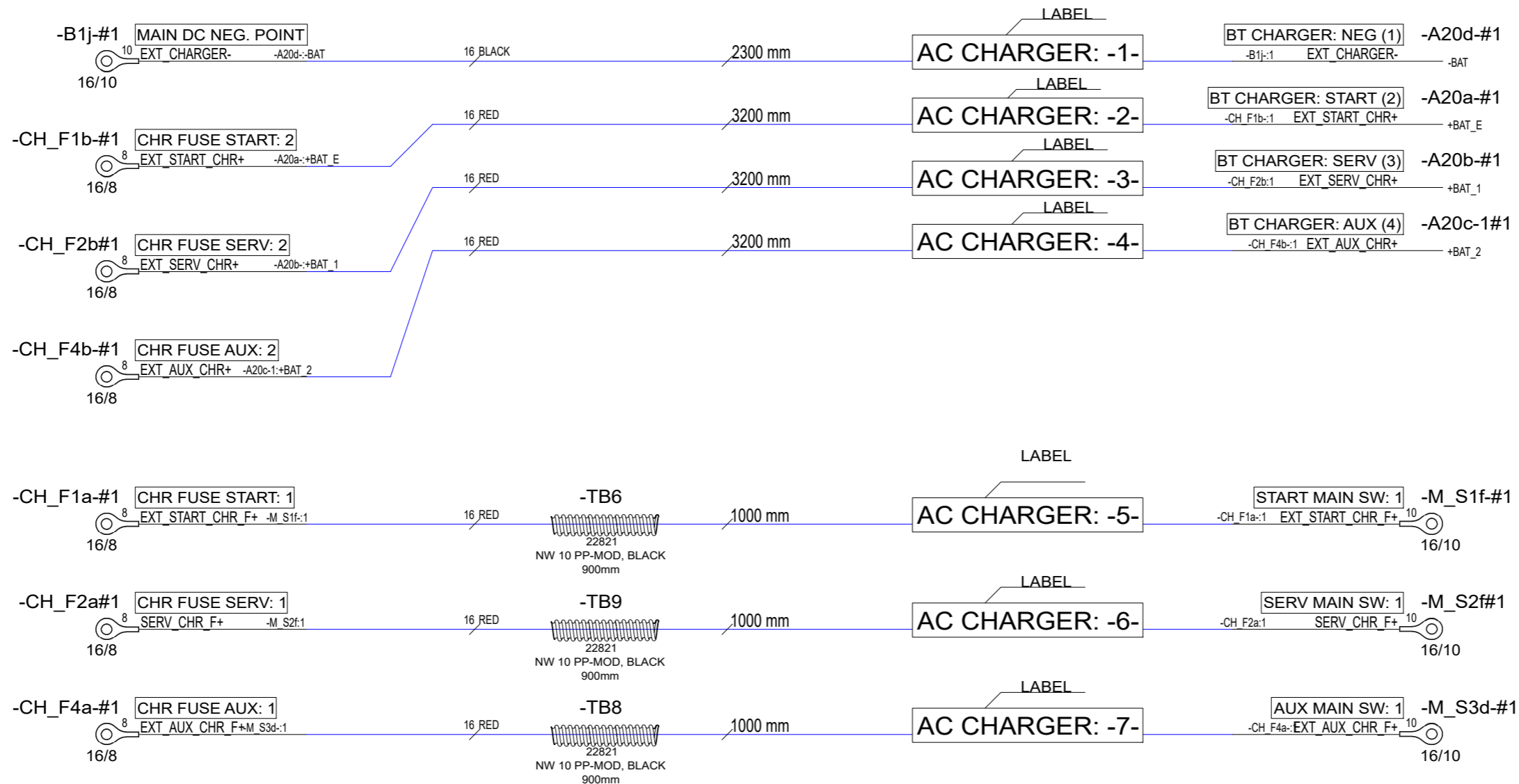
EQUIVALENCY:	
mm2	AWG
10 mm2	= AWG8
16 mm2	= AWG6
25 mm2	= AWG3
35 mm2	= AWG2

INCLUDED



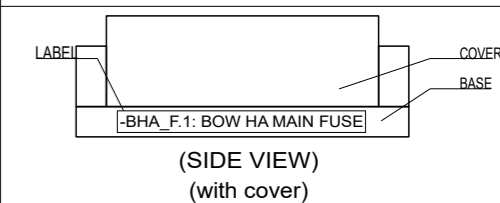
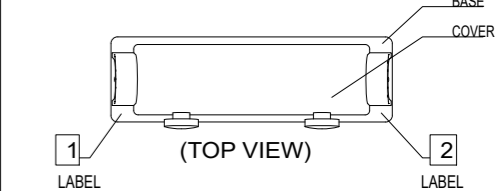
NOTICE! CABLES WITH STICKER

FOR EXAMPLE
HEAVY AMP: POWER+



LABEL INSTRUCTIONS

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



30.9.2021	VV	B1: INTRODUCED DRAWING.	Date	30.9.2021	Axopar			
06.09.2022	TT	D2: AUX FUSE & CABLES ADDED	Drawing by	VV	Boat	25	Sub-product code	35698
			Sheet rev.	2	Boat model		Product code	HL
			Project rev.	D			Title	43 / 47
Date of modification	Modified by	Description						Sheet

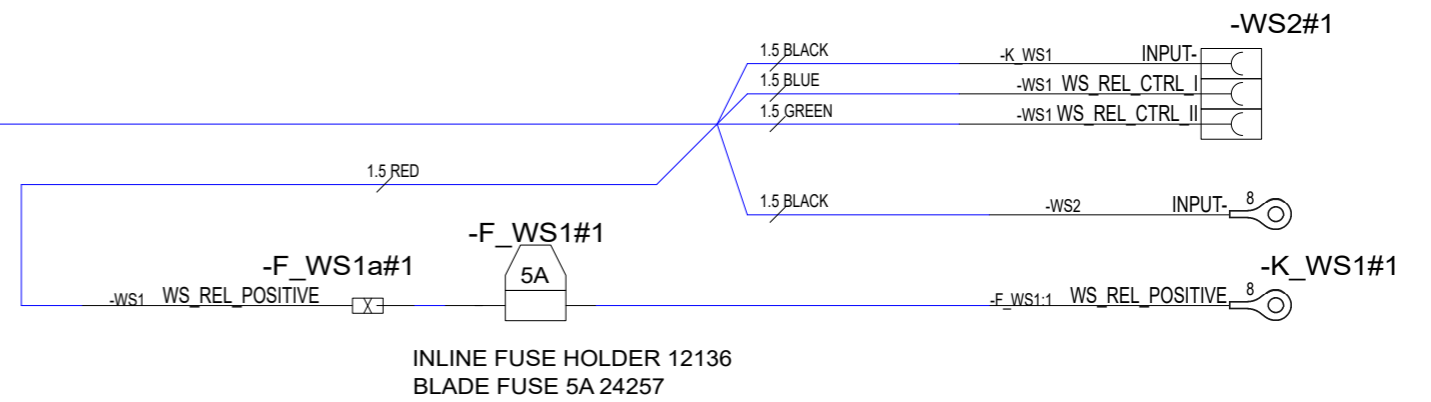
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-WS1#1

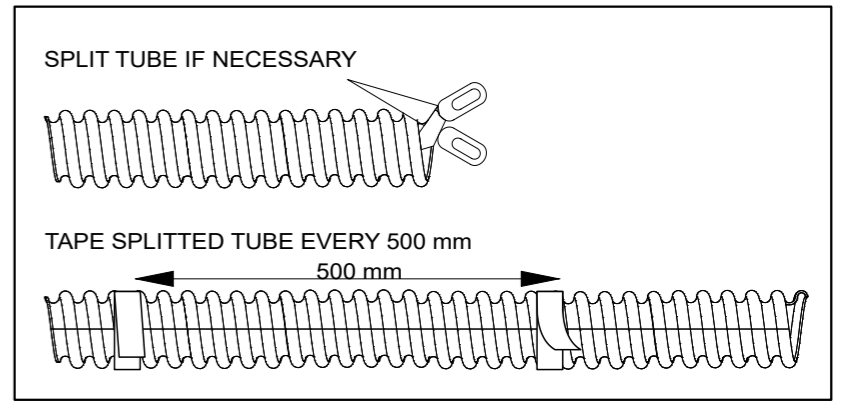
- WS_REL_CTRL_I -WS2 1.5 BLUE
- WS_REL_CTRL_II -WS2 1.5 GREEN
- WS_REL_POSITIVE -F_WS1a 1.5 RED


7500 mm

NW7,5 PP-MOD
27041
7400 mm

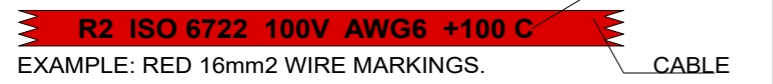


INLINE FUSE HOLDER 12136
BLADE FUSE 5A 24257



22.04.2022	RP	C1: INTRDUCED DRAWINGS	Date	22.04.2022		Axopar					
06.09.2022	TT	D1: NOT MODIFIED. REVISION CHANGED	Drawing by	RP		Boat	25	Sub-product code	36726	Product code	Project ID
			Sheet rev.	1		Boat model		WINDLASS SIGNAL HARNESS	HL		44 / 47
Date of modification	Modified by	Description	Project rev.	D	Copyright by		Title	Loc		Sheet	

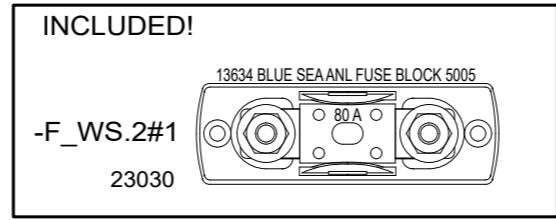
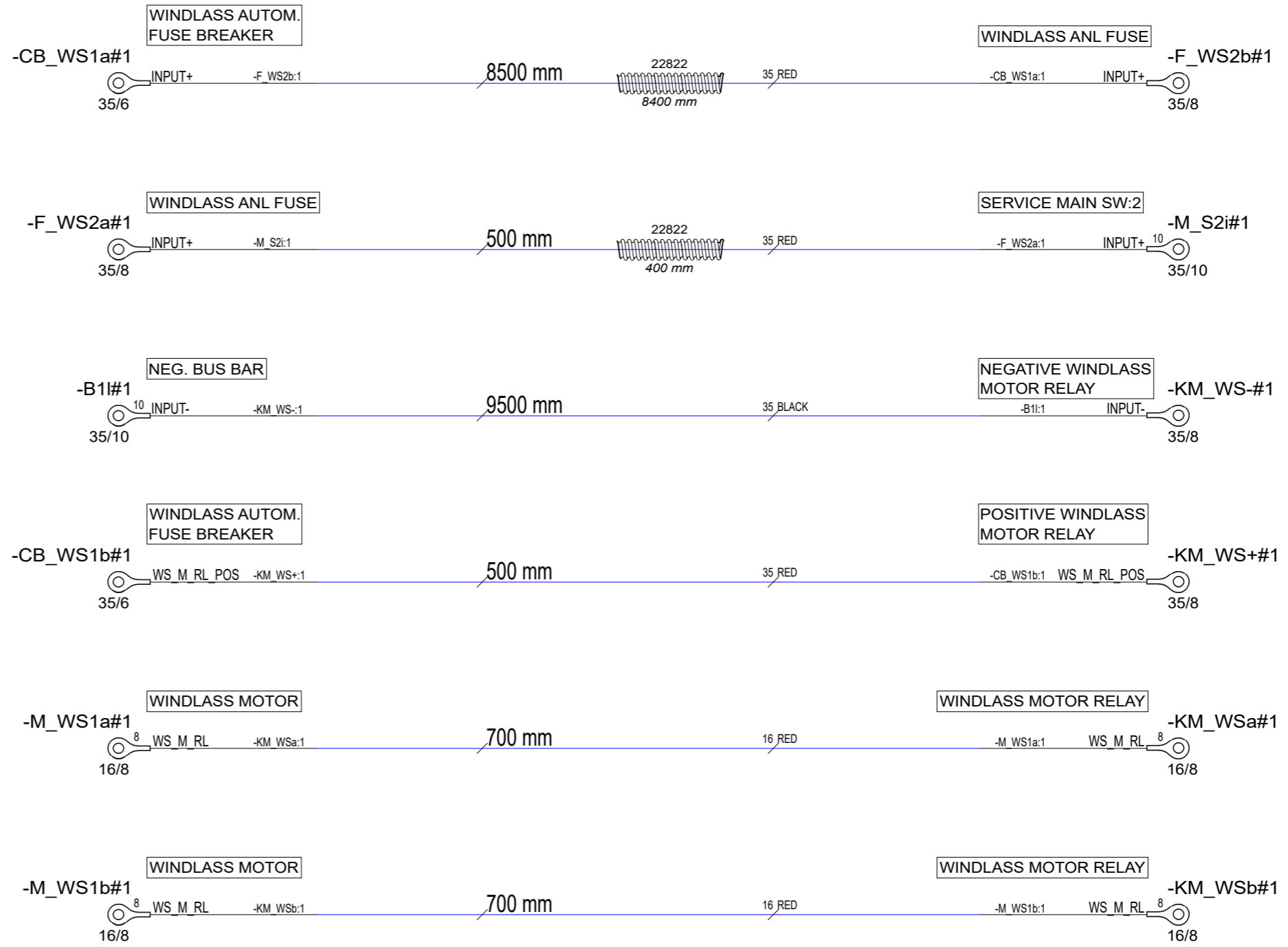
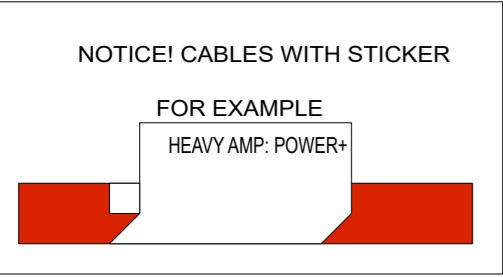
NOTICE!
 BATTERY CABLES NEED TO ADD MARKINGS
 SHOWN IN EXAMPLE BELOW. PRINTED EVERY 120mm.
 EXEMPTION:
 ALL BLACK WIRES
 THIS MARKING IS NOT NEEDED.



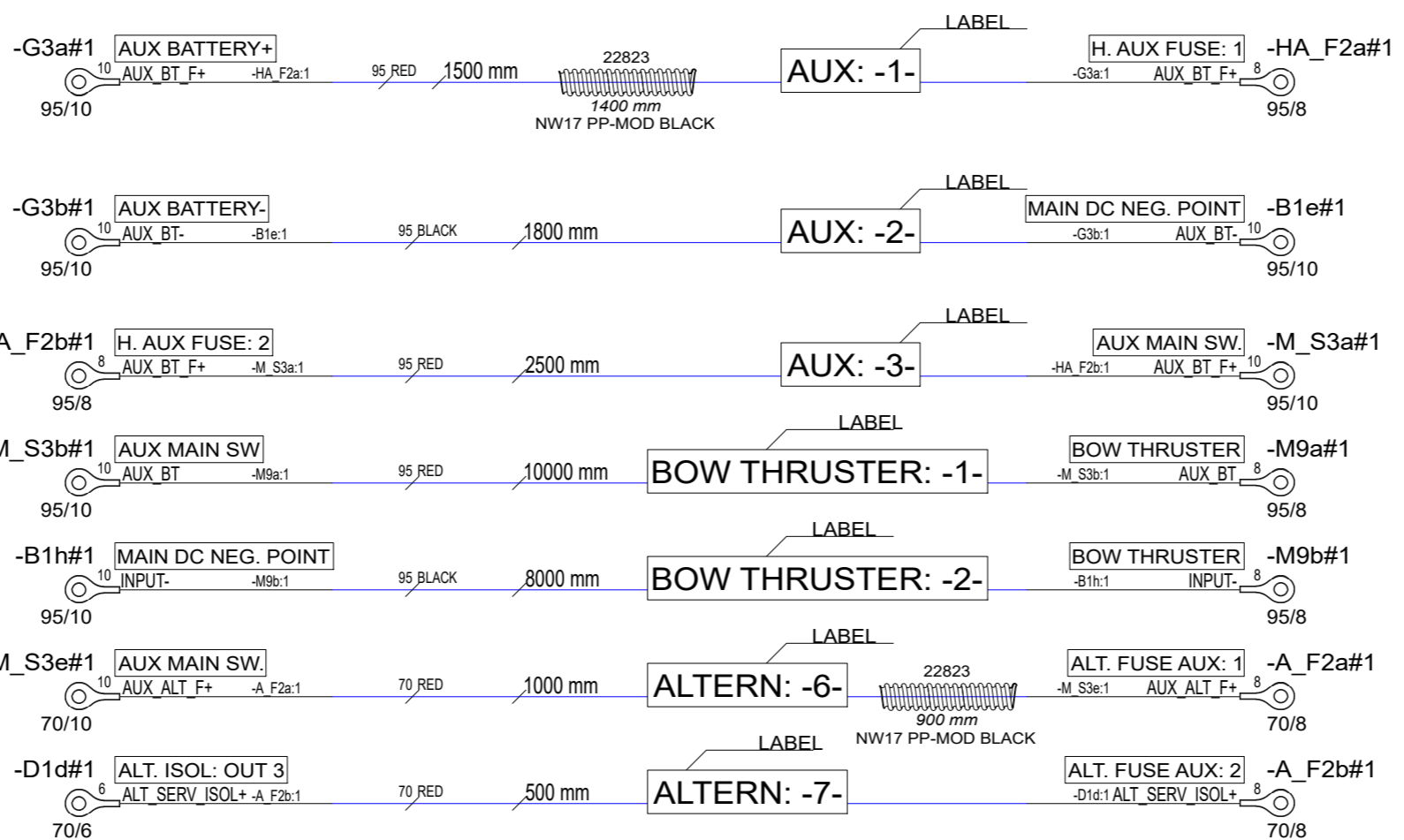
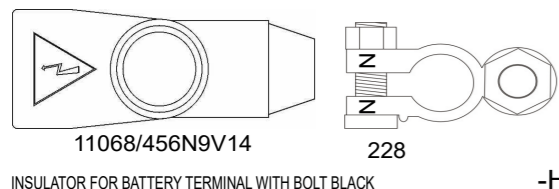
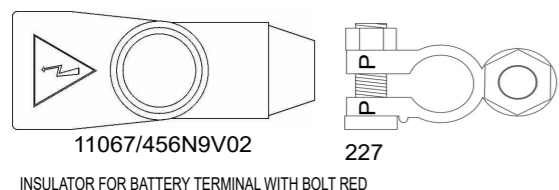
MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

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

LOOK FOR EQUIVALENT AWG SIZE FOR mm2
 AND ADD THIS TO CABLE MARKINGS.
 FOR EXAMPLE:
 CABLE SIZE IS 25mm2 --> MARKING AWG3.



22.04.2022	RP	C1: INTRODUCED DRAWINGS	Date	22.04.2022		Axopar	36727		Project ID HL Loc 45 / 47 Sheet
06.09.2022	TT	D1: NOT MODIFIED. REVISION CHANGED	Drawing by	RP		Boat	Sub-product code	Product code	
			Sheet rev.	1		25	WINDLASS POWER CABLES		
Date of modification	Modified by	Description	Project rev.	D	Copyright by	Boat model	Title		



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

MARKING
CABLE

EXAMPLE: RED 50mm² WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

EQUIVALENCY:	
mm ²	AWG
50 mm ²	= AWG0
35 mm ²	= AWG2
70 mm ²	= AWG2/0
95 mm ²	= AWG3/0
120 mm ²	= 250 kcmil

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

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

NOTICE! CABLES WITH STICKER

FOR EXAMPLE
HEAVY AMP: POWER+

INCLUDED

LABEL INSTRUCTIONS

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

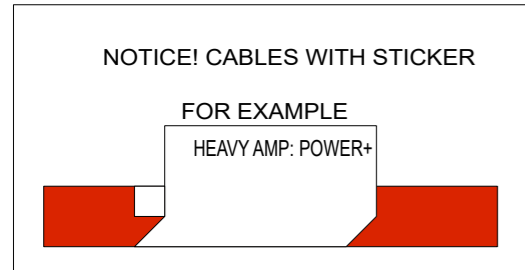
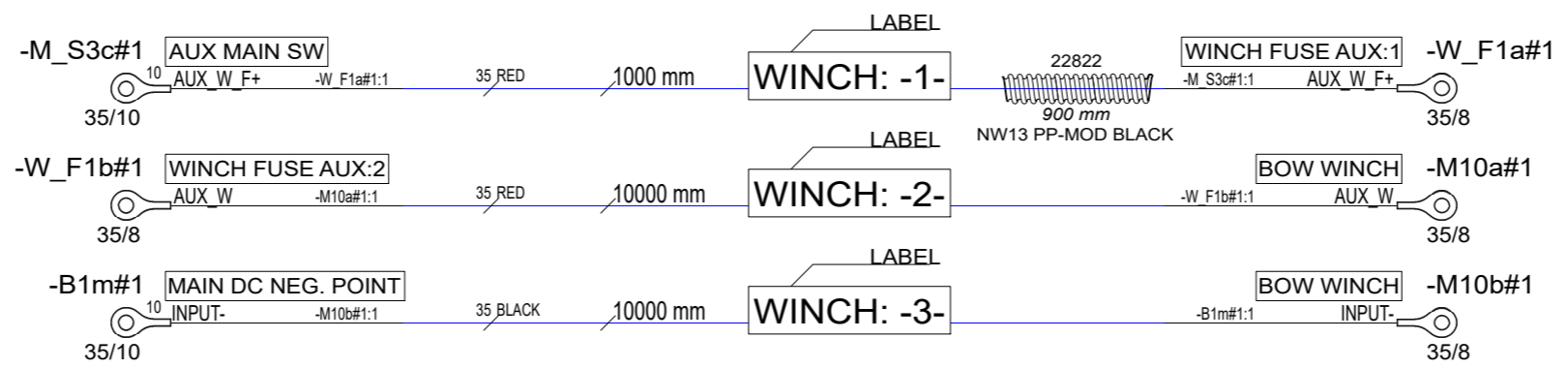
(TOP VIEW)

(SIDE VIEW) (with cover)

13.09.2022	TT	D1: INTRODUCED DRAWING	Date	13.09.2022	Axopar	Boat	Sub-product code	37578	Product code	Project ID
16.06.2023	TT	D2: BOW WINCH FUSE & CABLES REMOVED	Drawing by	TT						
Date of modification	Modified by	Description	Sheet rev.	2	Boat model	Title	Loc	Sheet		
1	2	3	4	5	6	7	8			



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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

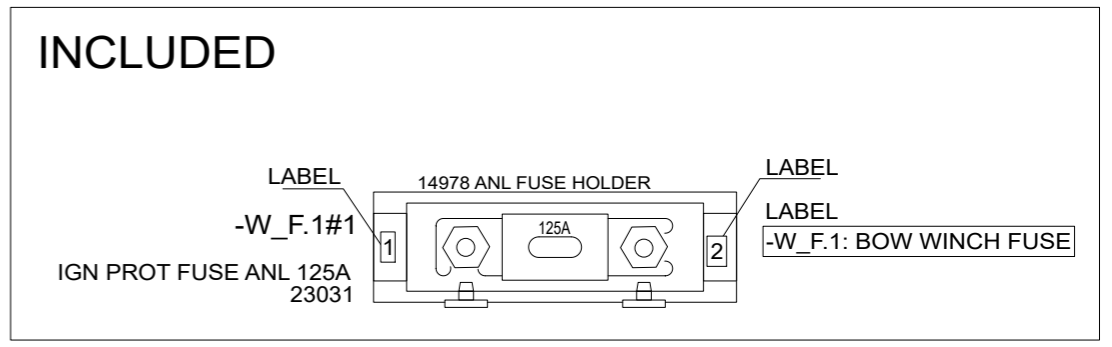
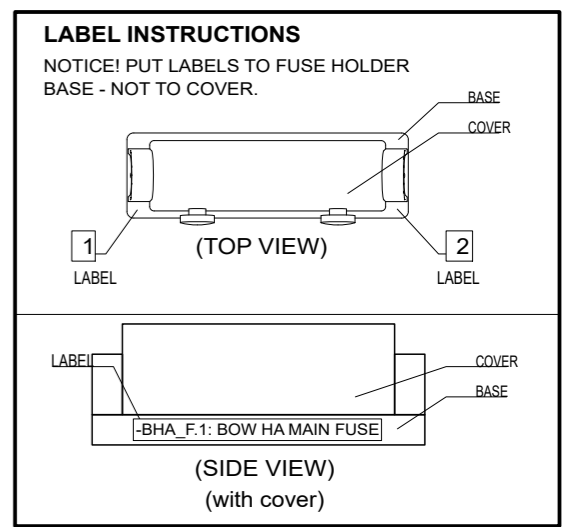
EXAMPLE: RED 50mm² WIRE MARKINGS.

MARKING SHOWN ABOVE ONLY TO CABLES LISTED BELOW.

EQUIVALENCY:	
mm ²	AWG
50 mm ²	= AWG0
35 mm ²	= AWG2
70 mm ²	= AWG2/0
95 mm ²	= AWG3/0
120 mm ²	= 250 kcmil

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

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



16.06.2023	TT	D1: INTRODUCED DRAWING	Date	16.06.2023	Axopar		39410		Project ID	
			Drawing by	TT	Boat	25	Sub-product code	Product code		
			Sheet rev.	1	Boat model		BOW WINCH CABLES		HL	47 / 47
Date of modification	Modified by	Description	Project rev.	D			Title	Loc	Sheet	
1		2	4		6		7		8	

