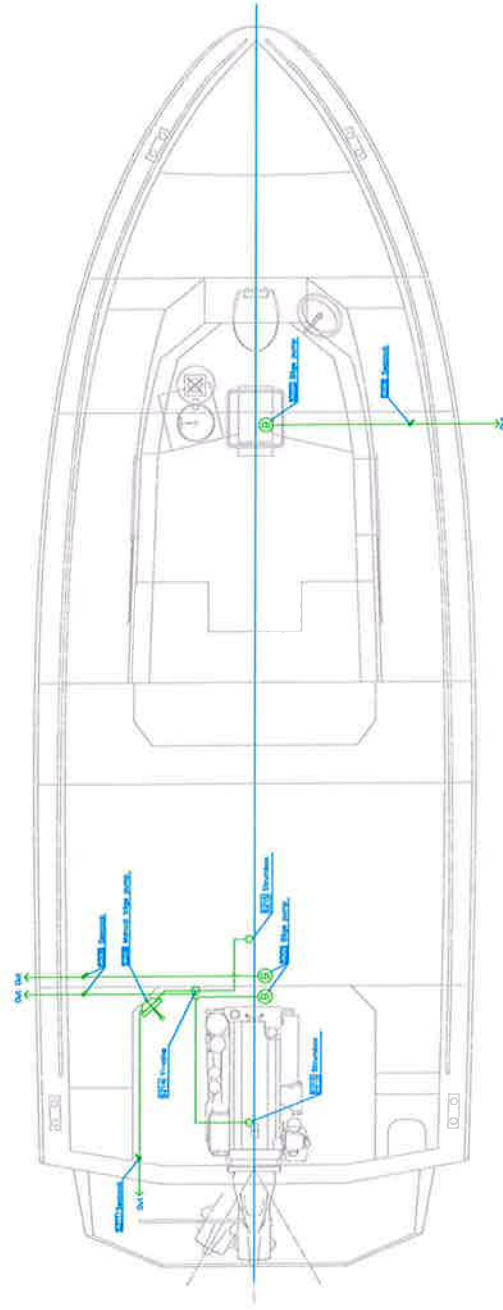
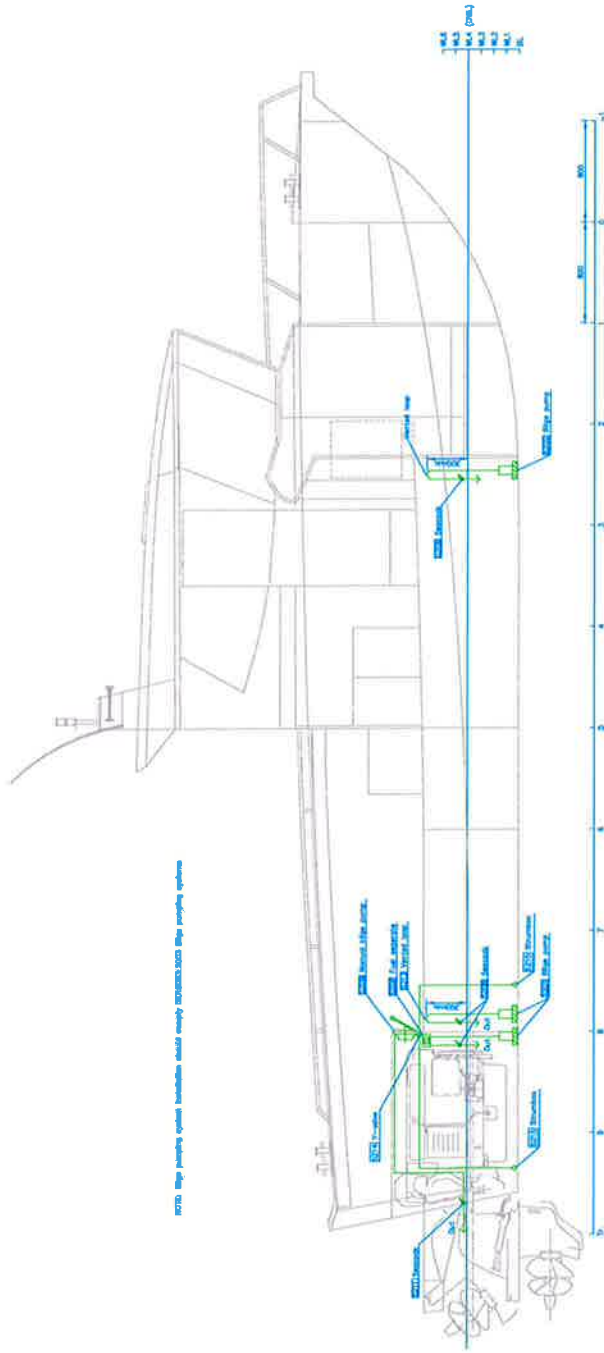


INSTRUKTIONSBOK XP980,Bilaga 1, System och El-scheman

Innehållsförteckning

- 1 Läns pumpar.**
- 2 Avloppsvatten och sjövattnen.**
- 3 Sötvatten, varmt, kallt och avlopp.**
- 4 Bränslesystem. (DIESEL)**
- 5 Varmluft från värmare och defroster.**

- 6 Batterianslutningar.**
- 7 El-schema läns pumpar.**
- 8 Strömbrytare översikt.**
- 9 Tankmätare,översikt.**
- 10 220 Volt och batteriladdare el-schema.**
- 11 El-schema**
- 12 Lista på el-komponenter XP980**

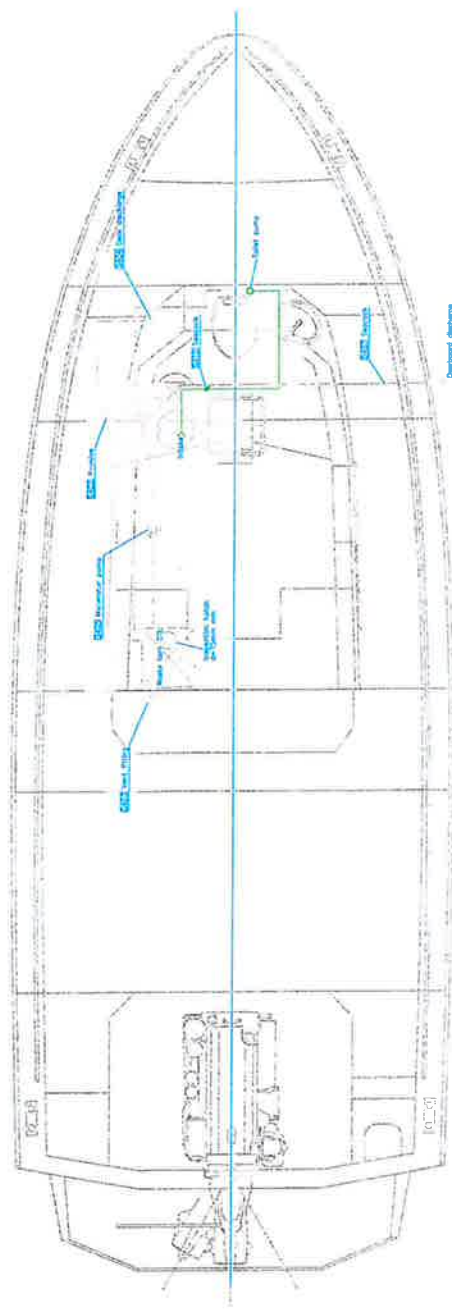
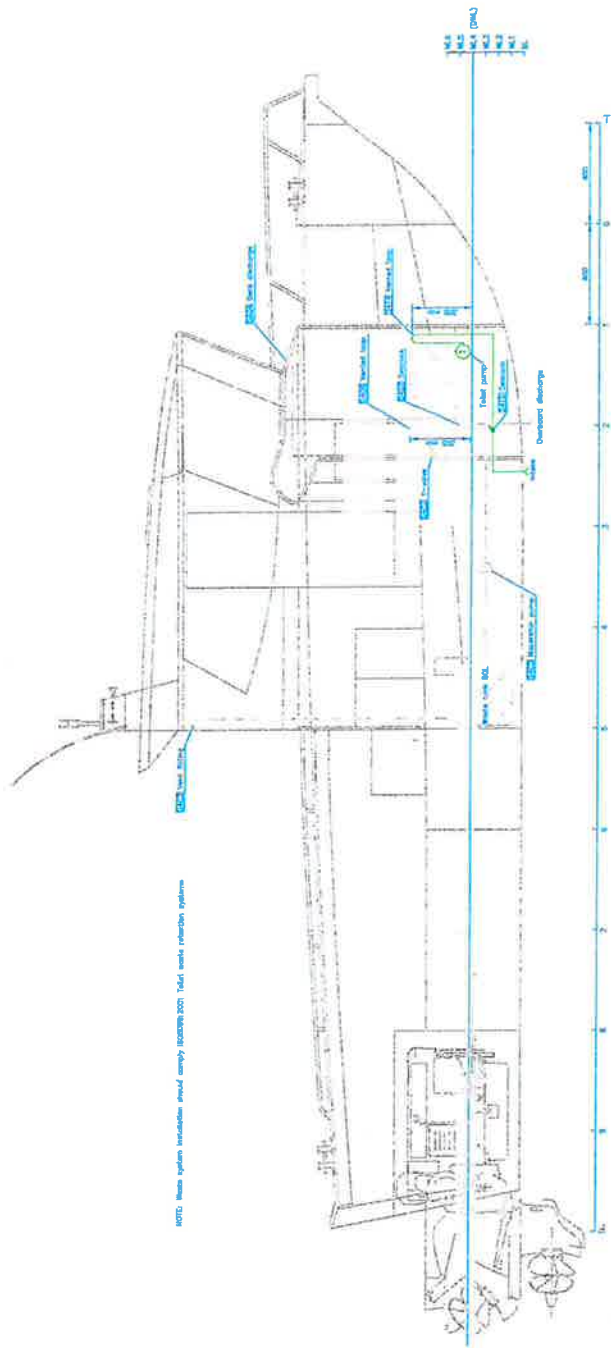


XPOLAR Bilge pumping system installation manual version 10/2023 XPOLAR Bilge pumping system

Date	24/04/2023	Scale	1:20
Sheet 01	Sheet 1	Editor	VE
Design	PS		
Check			
Approval			
Drawn	XPOLAR 2023-04		



Project	XPOLAR 980
Title	BILGE PUMPING SYSTEM
Drawing No.	XPOLAR-STYS.02
Client	© XPOLAR MARINE AB



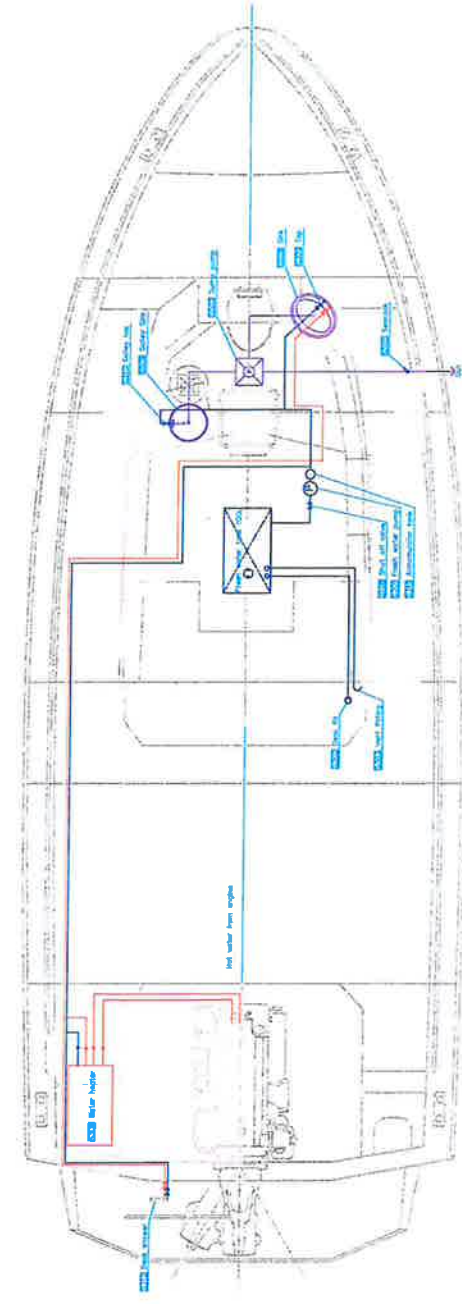
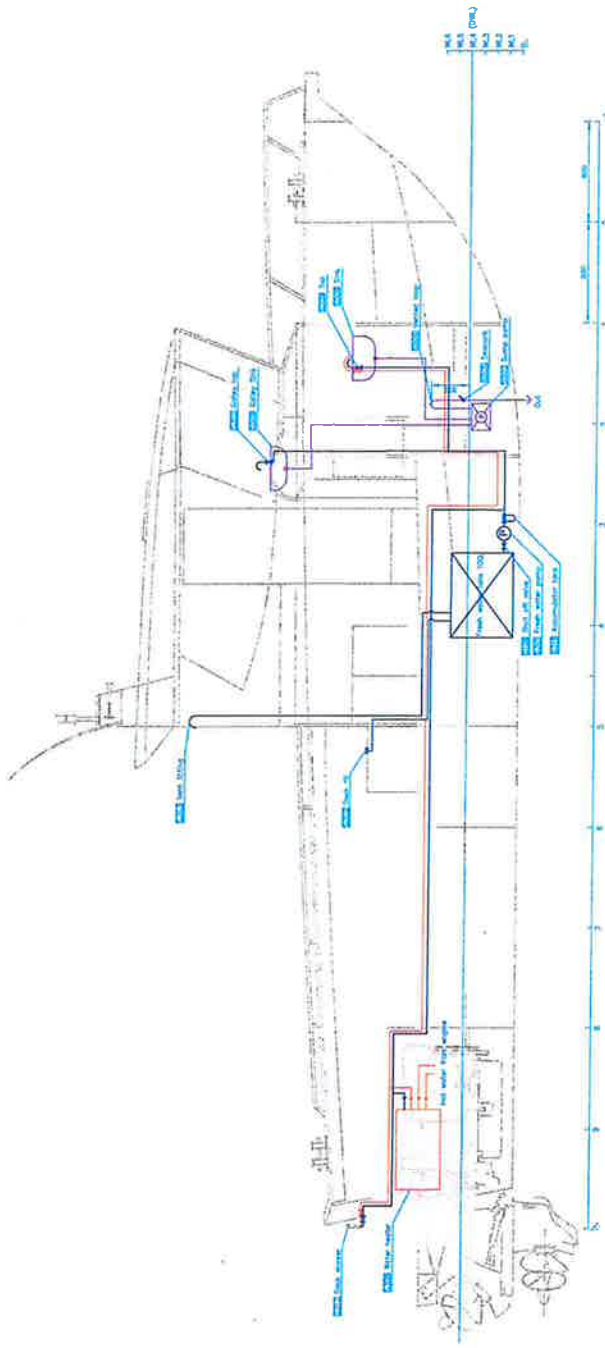
NOTES: These system installation should comply with the relevant standards and regulations.

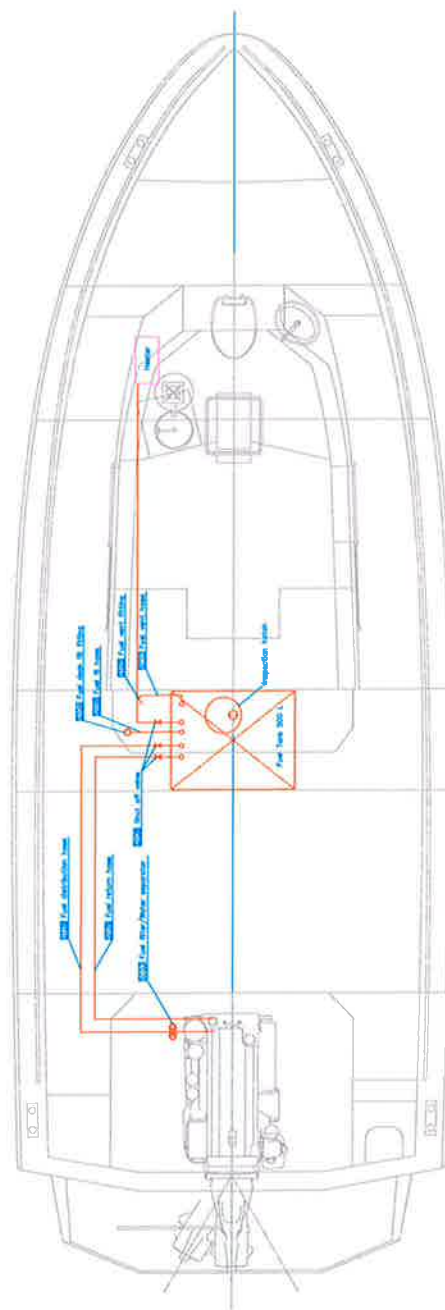
Overboard discharge

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Author	PS	Scale	1:50
Checker		Scale	1:50
Approver		Scale	1:50
Filename	XPOLAR_980.dwg	Scale	1:50



Design	XPOLARE 980
Title	WASTE WATER AND SEPARATOR SYSTEM
Drawing No.	XPOLAR_980.dwg
Client	© XPOLARE MARINE AB



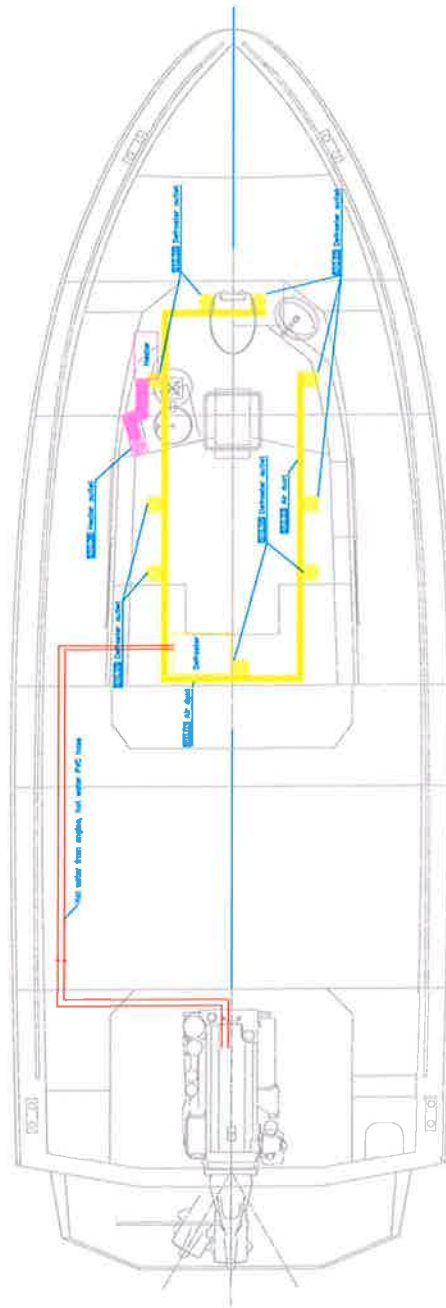
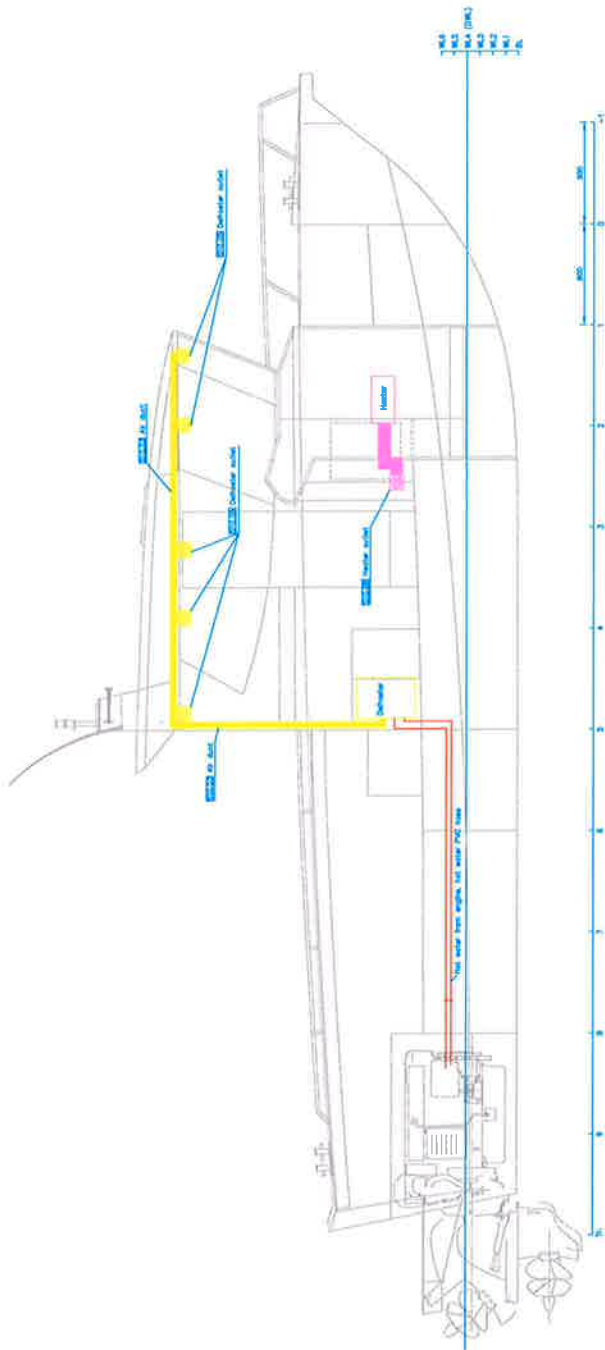


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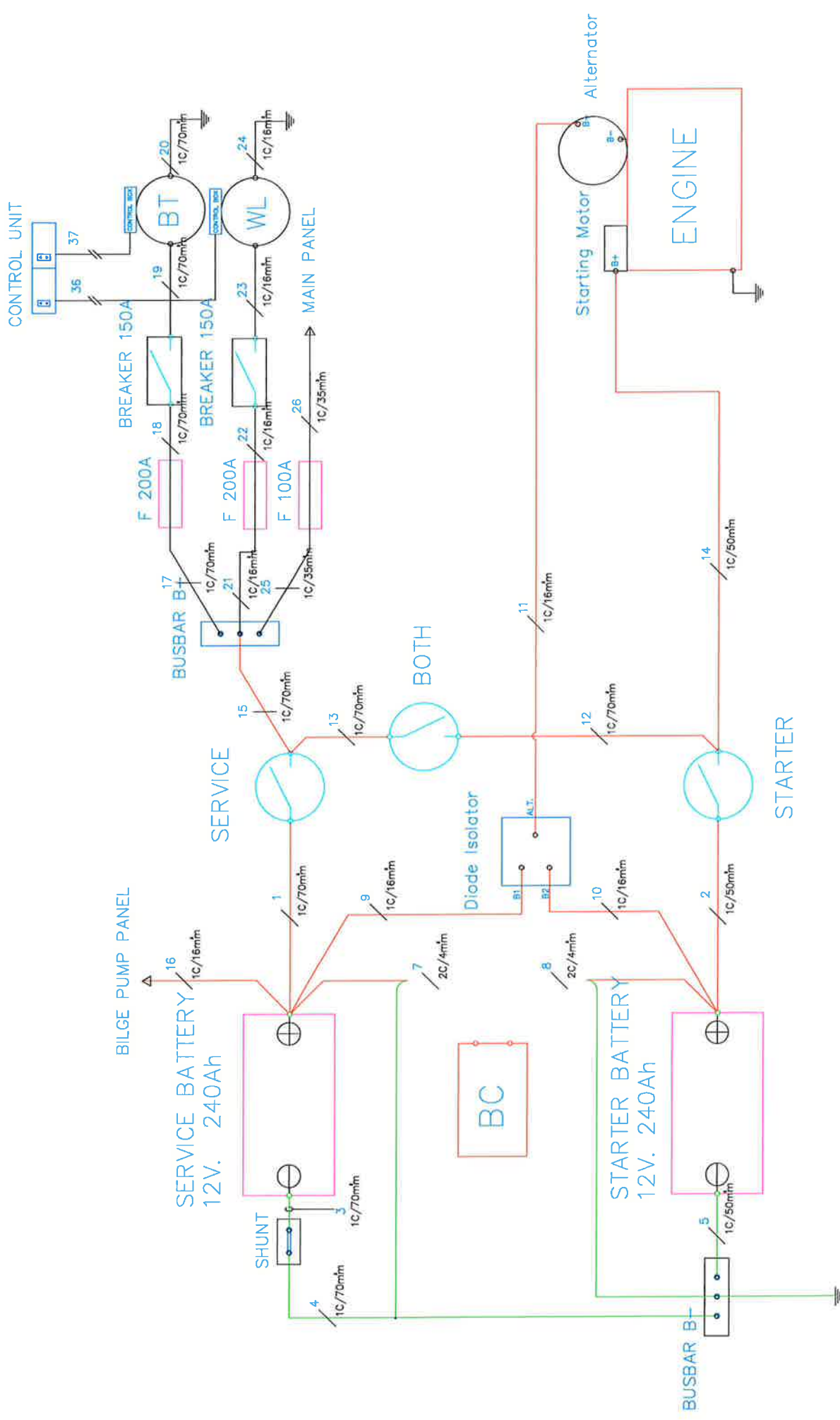
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Title	FUEL SYSTEM
Drawing No.	XP980.SYS.01
Client	© XPOLARE MARINE AB



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Designed:	PS	Checked:	
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Title:	WATER AND DEPOSER SYSTEM
Drawing No:	XP950 SYS 06
Client:	© XPOLARE MARINE AS

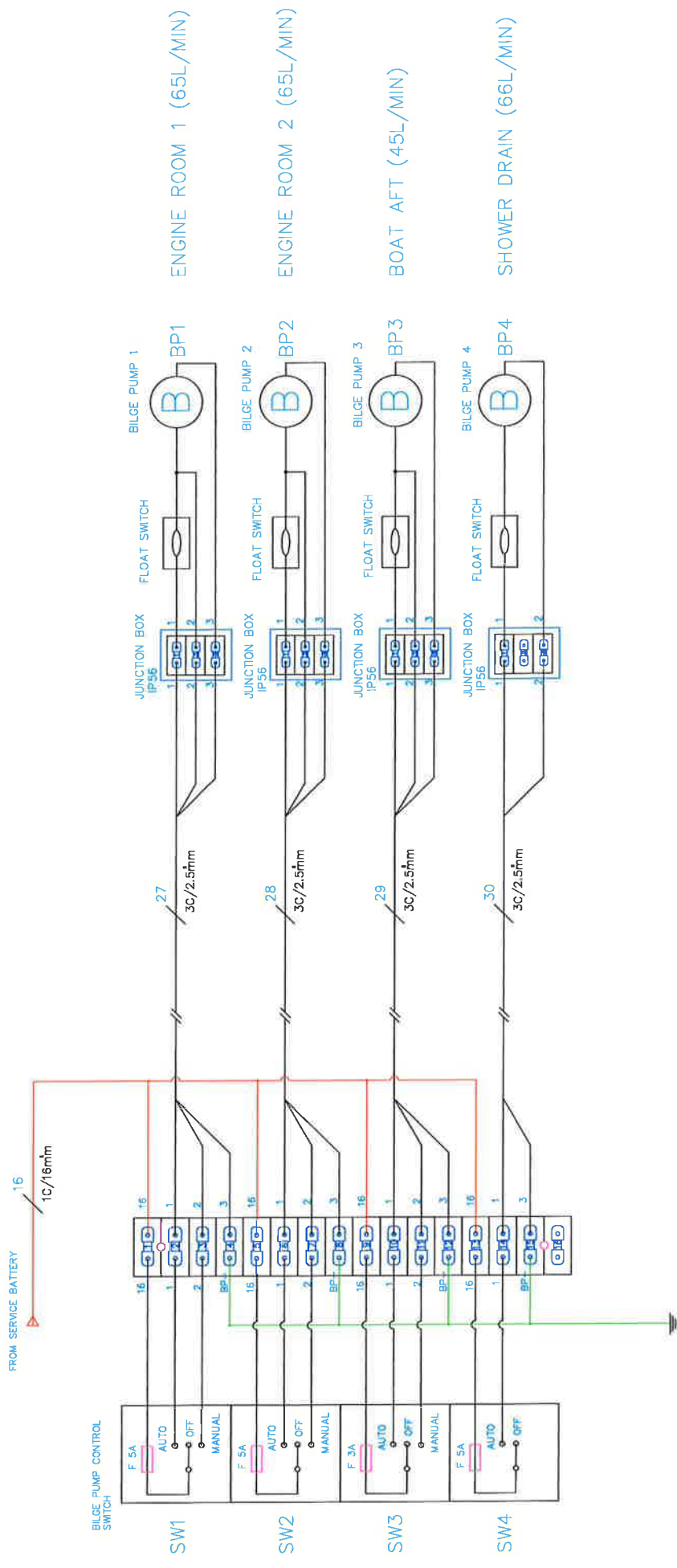


EQUIPMENT GROUND

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Title:	BATTERY CONNECTION
Drawing No:	XP980.EE.07
Client:	XPOLARE MARINE AB



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Checked:			
Approved:			
Fluorescent:	30/05/08 (1:1 day)		

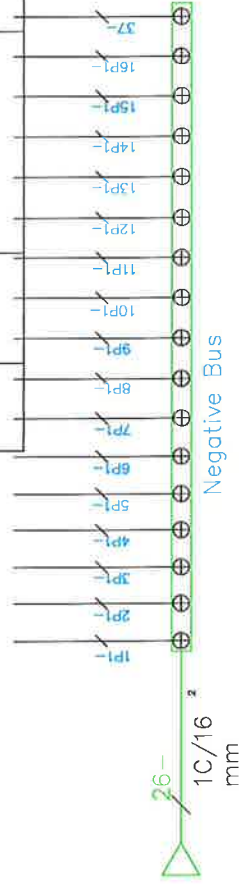
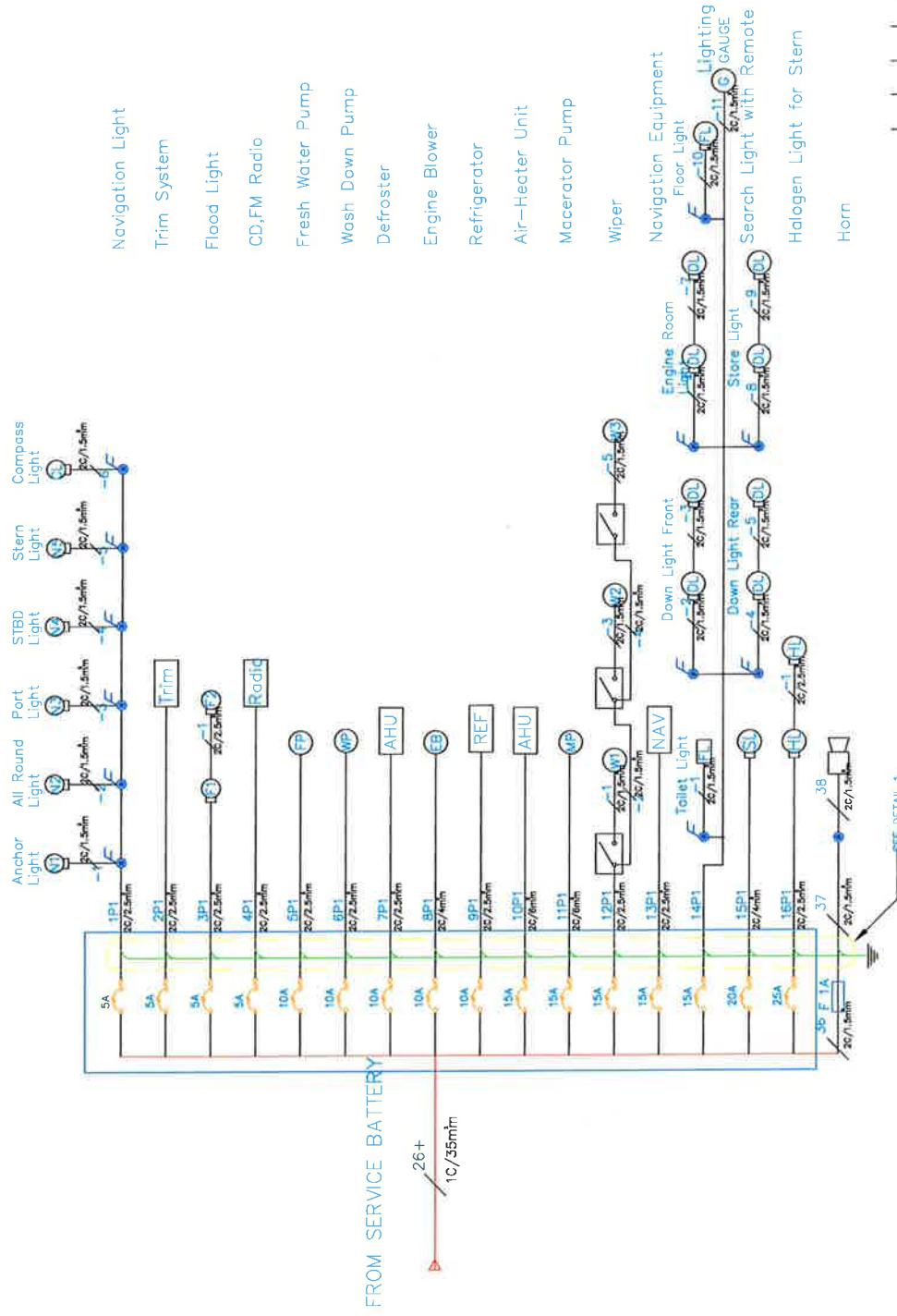


Design	XPOLARE 980
Title	BILGE PUMP CONTROL DIAGRAM
Drawing No.	XP980.EC.11
Client	XPOLARE MARINE AB



Date	24/04/2022	Scale	1:1
Sheet 01	Sheet 1	Edin	12
Designed	PS		
Checked			
Approved			
Fluorine	XP980.EC.11		

SYMBOL	ITEM CODE	DESCRIPTION	Q'TY
		NAVIGATION LIGHT	5
		COMPASS LIGHT	1
		DOWN LIGHT	4
		FLUORESCENT LIGHT	1
		FLOOD LIGHT	2
		FRESH WATER PUMP WITH AUTOMATIC SWITCH	1
		WASH DOWN PUMP	1
		MACERATOR PUMP	1
		ENGINE BLOWER	2
		REFRIGERATOR	1
		FAN COIL UNIT	2
		WIPER NUMBER	3
		NAVIGATION EQUIPMENT	1
		SEARCH LIGHT	1
		HALOGENLIGHT	2
		ENGINE ROOM LIGHT WITH IPS6	4
		SWITCH WITH LAMP	12
		Trim System	1
		CD,FM Radio	1
		SELECTOR SWITCH FOR WIPER	3
		HORN	1
		PUSH BUTTON SWITCH FOR HORN	1
		FUSE	1
		FLOOR LIGHT	1
		GAUGE	4



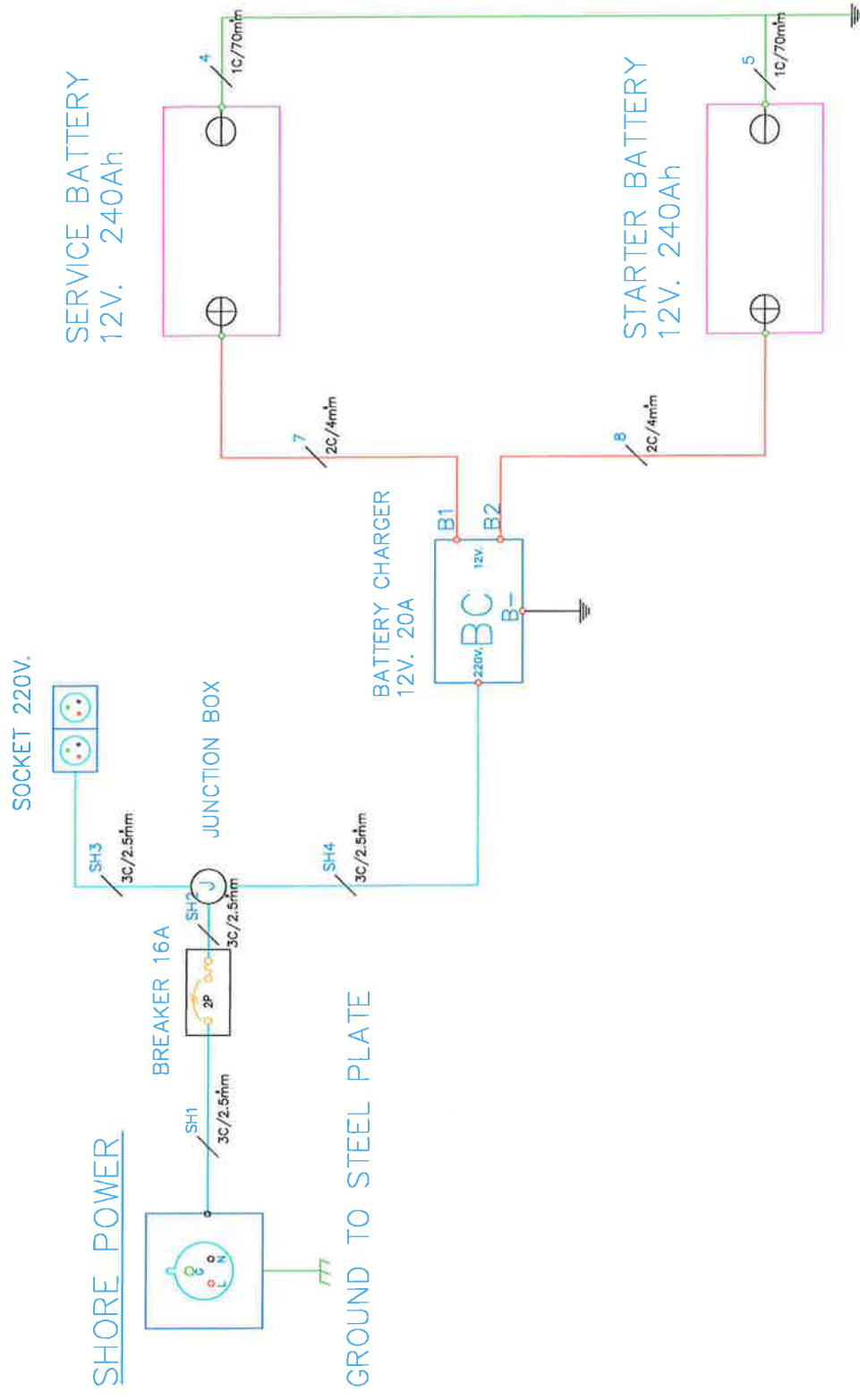
Design	XPOLARE 980
Title	BREAKER DIAGRAM
Drawing No.	XP980LEE10
Sheet	© XPOLARE MARINE AS

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Designed	PS
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File Name	XP980_EE.dwg

Scale	24.0x22.0x24.0
Sheet 01	Sheet 1
Designed	PS
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File Name	XP980_EE.dwg



Date:	24/04/2008	Series	V2
Sheet: 01	Sheet: 1		
Designed:	PS		
Checked:			
Approved:			
Elaborated:	Yoshida, FF, A...		



EQUIPMENT GROUND

Design:	XPOLARE 980
Title:	220V. AND BATTERY CHARGER
Drawing No:	XP980.EE.08
Client:	XPOLARE MARINE AB

Date:	24/04/2008	Score:	
Sheet: 01	Sheet: 1	Question:	12
Designed:	PI		
Checked:			
Approved:			
Filename:	305583_01.doc		

SHORE

220V, 1Ph 50Hz

SOCKET 220V.



BILGE PUMP PANEL

SERVICE BATTERY SWITCH

SERVICE BATTERY
12V, 240Ah

ISO ALTB+

STW

ENGINE

STARTER BATTERY SWITCH

STARTER BATTERY
12V, 240 Ah

CONTROL UNIT WHEEL HOUSE



BT

WL

Bow Thruster

Windlass

Navigation Light

Trim System

Flood Light

CD,FM Radio

Fresh Water Pump

Wash Down Pump

Defroster

Engine Blower

Refrigerator

Alt-Heater Unit

Macerator Pump

Wiper

Navigation Equipment

Spare

Search Light with Remote

Hologen Light for Stern

Main

Bilge Pump Control

Bilge Pump

CON

CON

CON

CON

Design:	XPOLARE 980
Title:	SINGLE LINE DIAGRAM
Drawing No:	RP-980 EE-06
Client:	XPOLARE MARINE AB



Scale:	1:100	Date:	2008-05-24
Sheet:	01	Project:	XPOLARE 980
Designer:	PS	Checker:	PS
Approver:	PS	Reviewer:	PS

Electrical Equipment List of XP980

ID	Name	Description	Quantity	Catalogue List			Remark
				Product code	Part Number	Brand	
E-011	Bow Thruster	Bow Thruster 12V. 2kW/2.7Hp	1	QL 1	411006621	volvo	
E-012		Bow Thruster Panel With joystick	1	QL 35	41100743	volvo	
E-021	Engine Charger	Charge Distributor	1	30.8	873120	volvo	
E-031	Trim System	Control Panel	1	QL 450	1140717	volvo	
E-032		Control Unit	1	QL 450	1140718	volvo	
E-033		Cable 4 Pole	2	QL 450	3817171	volvo	
E-034		Trim Plate 300 mm.	2	QL 450	1140714	volvo	
E-035		Pump kit	1	QL 59	41102002	volvo	
E-041	Bilge Pump	Engine Room 65 l/min	2	QL 94	41103002	volvo	
E-042		Boat AFT 45 l/min	1	QL 92	41103000	volvo	
E-043		Shower Drain 66 l/min	1	QL 100	41103010	volvo	
E-044		Control Panel	4	QL 101	41100009	volvo	
E-045		Float SW	3	QL 109	41100008	volvo	
E-051	Macerator pump	Macerator pump Mp1000	1	QL 114	41100029	volvo	
E-061	Fresh Water Pump	Wps800 13 l/min	1	QL 211	41103047	volvo	
E-062		accumulator tank 21 l	1	QL 189	41103045	volvo	
E-071	Wash Down Pump	WD 800 13 l/min	1	QL 184	41103040	volvo	
E-081	Air Heater	From Engine Cooling	1	QL 138	41103301	volvo	
E-091	Blower	Bilge Blower	2	QL 220	41103902	volvo	
E-101	Windlass	Windlass 1kW	1	QL 162	41100501	volvo	
E-111	Navigation Lamp	All Round White/Anchor Lamp with flod down pole 12V	1		2LT 995 002 181	Hella	
E-112		Port Light (White)	1		2843W	Hella	
E-113		STBD Light (White)	1		2842W	Hella	
E-114		Stern Light (White)	1		2841W	Hella	
E-115		Switch for Navigation Light	1		1000-6W	BEP Marine	
E-116		Compass Light	1				
E-121	Halogen Ligt	Halogen for Stern (Oval 100 Series) 12V/55W	2		1GA 996 361-131	Hella	
E-131	Interior Light	Down Light (8508 Series) 12V.10W (White)	4		2JA 998 508-011	Hella	
E-141	Toilet Light	Fluorescent Lamp with switch 12V/7W	1		2645-SW	Hella	
E-151	Chart Light	Chart Reading Light (White)	1		2JA 004 192-071	Hella	
E-161	Battery Switch	275 A. Battery Master Switch (ON-OFF)	3		701	BEP Marine	
E-171	Engine Room Light	Dome Lights-SS	2		122106	BLA	
E-181	Light Switch	Switch	2		1000-6W	BEP Marine	
E-191	Floor Light	LED Step lamp	1		95968080	Hella	
E-201	Breaker	16 Pole	1		904NMV	BEP Marine	
E-211	Cigarette Lighter	Receptacle	2		12VRC-MP	BEP Marine	
E-221	Bus Bar	Heavy Duty Buss 300A	2		703-300A	BEP Marine	
E-222		Bus Bar	1		BB-12W-2S	BEP Marine	
E-223		Busbar cover	1		BBC-12WBK	BEP Marine	
E-231	Meter	DC Monitor	1		MS3	BEP Marine	
E-232		Fuel Gauge, Fresh Water Gauge	1		WFMETER	VETUS	
E-233		waste Gauge	1		WWMET	VETUS	
E-234		Tank Senders (water 280 mm ,fuel 680 mm)	2		SENSOR	VETUS	
E-235		Tank Senders (Waste) Sender 280mm	1		WWSSENSOR	VETUS	
E-236		Current Shunt 450A	1		LB-450-50-SHUNT	BEP Marine	
E-241	Breaker Hi amp	150 Amp Bassmann (For Bowthruster, Windlass)	2		184150F-01-1	BEP Marine	
E-251	Battery Charger	30Amp 12 volt	1		299770	Dolphin	Tritex catalog
E-261	Search Light	Search Light with Remote	1		1568898	Westmarine	
E-271	Navigation System	Radar				Garmin	
E-272		VHF				Garmin	
E-273		GPS					
E-274		Radio					
E-281	Wiper	Wiper ORW for small craft	3	ORW12SET	161110, 116124, 116116	BLA	
E-282		Switch for Wiper	3		1100-BL-V-1	BEP Marine	
E-291	Refrigerator		1		Cruise 65	Isotherm	
E-301	Shore	Battery charger inlet	1		191991	Westmarine	
E-302		Outdoor Extenshion cord (Yellow)	1		7885882	Westmarine	
E-303		RCD Breaker	1		900-RCD-16A	BEP Marine	
E-311	Socket Engine Room	Receptacle ,Dual outlet	1		209247	Westmarine	
E-312		Stainless Dual outlet Plate	1		356444	Westmarine	
E-321	Heater	Fuel Pump					
E-322		Fuel Filter					
E-331	Defroster	Defroster 5kW 12 V	1	QL 138	41103301	volvo	
E-341	Stern Drive Lift	Come With Engine ?					
E-351	Fuse Box	Water Proof Type (IP65) 2 Bank					Local
E-352		Fuse box	2		704-ANL	BEP Marine	Or use these
E-361	Horn	Electrical Marine Horn (single horn 340Hz, 112dB)		Type M		Vetus	
E-362		Push Button for marine horn				Vetus	