

Sheet	Description	Edition
1	Index	26-02-2010 01
10	Legenda	26-02-2010 01
42	Parts list Control Panel CP1	Stops - 9X - 140 26-02-2010 01
71	Part list Control Panel CP2	H.T. Heater 26-02-2010 01
80	Cable Plan	26-02-2010 01
97	Cable Plan	(Adj) Stops - 9X - 140 26-02-2010 01
139	Layout Control Panel (500 x 500)	Stops 26-02-2010 01
195	Layout MCU-B3	Dimensions 26-02-2010 01
196	Layout MCU-B3	Front View 26-02-2010 01
300	DC Voltage Supply	Electrical Start 26-02-2010 01
305	Bridge Control	26-02-2010 01
314	Start / Stop System	26-02-2010 01
320	Start / Stop System	Stops 26-02-2010 01
329	Shutdown System	Stops 26-02-2010 01
336	Shutdown System	Stops 26-02-2010 01
346	Throttle System	26-02-2010 01
404	Alarm System	Stops 26-02-2010 01
405	Alarm System	26-02-2010 01
406	Shutdown System	26-02-2010 01
750	Wiring MCU-B3	26-02-2010 01
754	Contacts for Customer	Stops 26-02-2010 01
755	Contacts for Customer	26-02-2010 01
800	Terminals - CP1 - X1	26-02-2010 01
801	Terminals - CP1 - X1	26-02-2010 01
802	Terminals - CP1 - X1	26-02-2010 01
830	Terminals - CP1 - XB12	26-02-2010 01
831	Terminals - CP1 - XB16	26-02-2010 01
833	Terminals - CP1 - XB12 2	26-02-2010 01
834	Terminals - CP1 - XB16 2	26-02-2010 01
840	Terminals - CP2 - X1	26-02-2010 01
850	Terminals - SM - SM	26-02-2010 01
900	Terminals - EN - P61/J61	26-02-2010 01
971	Terminals - MCU-B12	26-02-2010 01
972	Terminals - MCU-B16	26-02-2010 01
974	Terminals - MCU 2-B12	26-02-2010 01
975	Terminals - MCU 2-B16	26-02-2010 01

Drawing Reference	
SYMBOLS NEN 5152	
ELECTROTECHNICAL DRAWINGS NEN 5158	
Project Reference	
Project No:	36729
Project Engineer:	A.A. de Bruin
Department:	Semi-Governmental
	Serial No Eng. #1: NFL00923
	Serial No Eng. #2: NFL00922
	Serial No Eng. #3:
Engine Model:	C12 DI-TA SCAC
Application:	Propulsion
	Serial No Eng. #4:

For Production

Design: RS	Date: 18-2-2010	Project Engineer: A.A. de Bruin	Department: Semi-Governmental	Intended for: Yard No: 162	Reference: GVB IJveer 9	Modification:	Drawn: PS	Editor: 01	Date: 26-02-2010	Sheet: 1
Pon Power BV P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420						Index	Drawing No: 36729-21.dwg			
Pon Power BV P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420						C12 DI-TA SCAC	Propulsion	Editor:	Sheet: 1 from 35	1

NOTES

- 1) SHIPPED LOOSE
- 2) CUSTOMER SUPPLY
- 3) JUMPER IF NOT USED
- 4) MOUNTED INSIDE CONTROL PANEL
- 5) CABLE WIRE-UP
- 6) ONLY ON SB ENGINE

REMARKS

Family engines with motor control units

A) For MCU specifications see installation guide for MCU-83 of PON POWER BV.

B) For battery specifications see encasing instructions of PON POWER BV.

C) For caterpillar wiring see the drawings that are delivered with the engine, and for modifications see drawing IN-MB34_154-0915C.

D) Maximum total wire length for the RS-232C cable is 1,5m it also must be shielded, conform to EEC 336.

E) Maximum CAT data link cable and -D/-D wire length is 30m when CCM is not present and 4,55m when CCM is present. Use beiden 8719 cable, Caterpillar cable 123-2376 or equivalent accepted by PON POWER BV.

F) Between engine and CP1-panel will PON POWER place 77m cables.

G) Reset all alarm and stops by turning selector switch on engine instrument panel in 'reset/off'-position.

H) The used cables Husk or Hucum in the cable plan can be replaced by equivalent of those cables. For cable specifications see cable guide of DRAKA.

I) -

J) -

SPECIAL NOTES

[1] All the panels that are delivered by PON POWER BV are protected to IP55, EN60529/10/91 or above. (They are waterproof and dust protected)

[2] All the panels are wired according the following colour codes:

Power supply 400 VAC : Fase = Black
Power supply 230 VAC : Fase = Black
: Nul = Bleu

Power supply 24 VDC : +24 VDC = Orange
: 0 VDC = White
: Internal wiring = Yellow
: Potential Free = Purple
: Resistor wiring = Brown
: Measuring conduit = Green

[3] -

[4] All the drawings that are made by PON POWER BV will be in the English language.

MCU-83

Switch 1 : Application		Switch 5 : Engine Model	
0	Propulsion	0	3500B / 3412E with CCM
1	Generator	1	3400E / 3796 / 3716 with ATA
Switch 2 : Pressure Sensor 3500 Engine		Switch 6 : CAN-Bus	
0	CAT	0	Off
1	CAT - RZ	1	On
Switch 3 : -		Switch 7 : Switch 8 : Language	
0	-	0	English
1	-	1	Deutsch
		0	1
		1	1
Switch 4 : Engine Model		Language	
0	3500B	English Deutsch Nederlands English	
1	3400E / 3796 / 3716		

ESS ADJUSTMENT

TEETH :	113	-	37904	rpm	-	rpm
OVERSPEED	:	2724	rpm	:	-	rpm
CRANK	:	400	rpm	:	-	rpm
ON STEP	:	559	rpm	:	-	rpm

For Production

Design: RS

Date: 18-2-2010

Project Engineer: A.A. de Bruin

Modification:

Department:

Semi-Governmental

Intended for: Schepswierf Grave

Legend

P.O. Box 61

P.O. Box 61
NL-3530 AB Papendrecht
The Netherlands
Telephone +31 (0)78 6 420 420

Yard No:

162

GVB Lveer

C12 DI-TA SCAC

Propulsion

Drawing No:
36729-21.dwg

Sheet:
10

Drawn:

PS

Edition:

01

Date:

26-02-2010

Sheet:

NAME	DEFINITION	BRAND	BRAND No	GEVEKE No	NAME	DEFINITION	BRAND	BRAND No	GEVEKE No
	CONTROL PANEL CP1 (500 x 500 x 218 mm)	RITTAL	AE950400	117-6170					
32903	CUSTOMER COMMUNICATION MODULE	CATERPILLAR	522519	117-6170	30067	CIRCUIT BREAKER 80A	HERLIN GERW	216706	363381
34605	SPEED CONTROL UNIT	CATERPILLAR	117-6170	117-6170	30066	CIRCUIT BREAKER 80A	HERLIN GERW	216707	
34608	SPEED CONTROL UNIT	CATERPILLAR	7M-2743	7M-2743					
			9K-9591	9K-9591					
			146-2175	146-2175					
					30554	FUSE F 3A	LIT LITE FUSE	2168821A000	
CP1-X1-1 // CP1-X1-2	TERMINAL ST 2.5 QUATTRO	PHOENIX CONTACT	08 03 605						
CP1-X1-1 // CP1-X1-2	TERMINAL MARKER TAGS	PHOENIX CONTACT							
CP1-X1-1 // CP1-X1-2	TERMINAL EMO COVER D-ST 2.5 QUATTRO	PHOENIX CONTACT							
CP1-X1-3 // CP1-X1-117	TERMINAL STTB 2.5	PHOENIX CONTACT	30 31270						
CP1-X1-3 // CP1-X1-117	TERMINAL MARKER TAGS	PHOENIX CONTACT	08 03 605						
CP1-X1-	TERMINAL EMO COVER D-STTB 2.5	PHOENIX CONTACT	30 30 459						
CP1-X1-	TERMINAL EMO CLAMP	PHOENIX CONTACT	30 22 218						
CP1-X1-	TERMINAL MARKER HOLDER EMO STOP	PHOENIX CONTACT	10 04 322						
CP1-XB12-1 // CP1-XB12-12	TERMINAL STTB 2.5	PHOENIX CONTACT	30 31270						
CP1-XB12-1 // CP1-XB12-12	TERMINAL MARKER TAGS	PHOENIX CONTACT	08 03 605						
CP1-XB12-	TERMINAL EMO COVER D-STTB 2.5	PHOENIX CONTACT	30 30 459						
CP1-XB12-	TERMINAL EMO CLAMP	PHOENIX CONTACT	30 22 218						
CP1-XB12-	TERMINAL MARKER HOLDER EMO STOP	PHOENIX CONTACT	10 04 322						
CP1-XB16-1 // CP1-XB16-12	TERMINAL STTB 2.5	PHOENIX CONTACT	30 31270						
CP1-XB16-1 // CP1-XB16-12	TERMINAL MARKER TAGS	PHOENIX CONTACT	08 03 605						
CP1-XB16-	TERMINAL EMO COVER D-STTB 2.5	PHOENIX CONTACT	30 30 459						
CP1-XB16-	TERMINAL EMO CLAMP	PHOENIX CONTACT	30 22 218						
CP1-XB16-	TERMINAL MARKER HOLDER EMO STOP	PHOENIX CONTACT	10 04 322						
314V3/4-33AV2/4	TERMINAL ST-BE	PHOENIX CONTACT							
314V3/4-33AV2/4	TERMINAL ZFK L-TG	PHOENIX CONTACT	30 01857						
314V3/4-33AV2/4	TERMINAL EMO COVER UKL/19	PHOENIX CONTACT	30 03 020						
30554	TERMINAL FUSED ST 4-HE51	PHOENIX CONTACT	30 03069						
15x	CABLE GLANDS M20x15 / 4-12 mm	HOPPEL	1262200050						
15x	LOCKWATT M20x15 / 6-12 mm	HOPPEL	1262200050						
4x	CABLE GLANDS M20x15 / 10-14 mm	HOPPEL	1262200050						
4x	LOCKWATT M20x15 / 10-14 mm	HOPPEL	1262200050						
4x	CABLE GLANDS M25 / 13-18 mm	HOPPEL	1262250050						
4x	LOCKWATT M25 / 13-18 mm	HOPPEL	1262250050						

PART NUMBERS MAY VARY

Design RS

Date: 18-2-2010

Pon Power BV

P.O. Box 61

NL-3350 AB Papendrecht

The Netherlands

Telephone +31 (0)78 6 420 420

Project Engineer: A.A. de Bruin

Department: Semi-Governmental

Scheepswaerf Grave

Yard No: 162

Reference: GVB Looier

Modification:

Parts list Control Panel CP1

Stops - 9X - 140

C-12 DI-TA SCAC

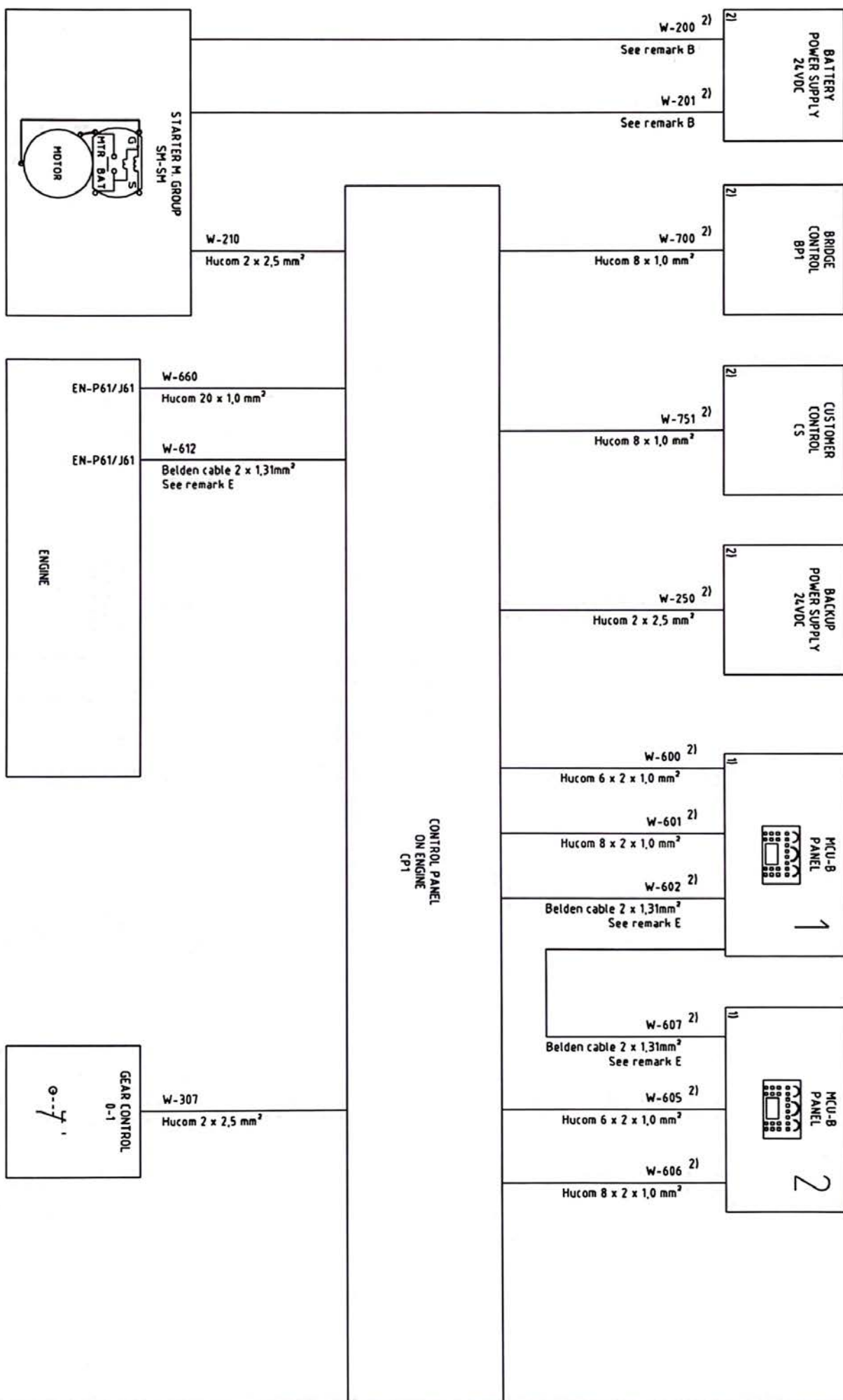
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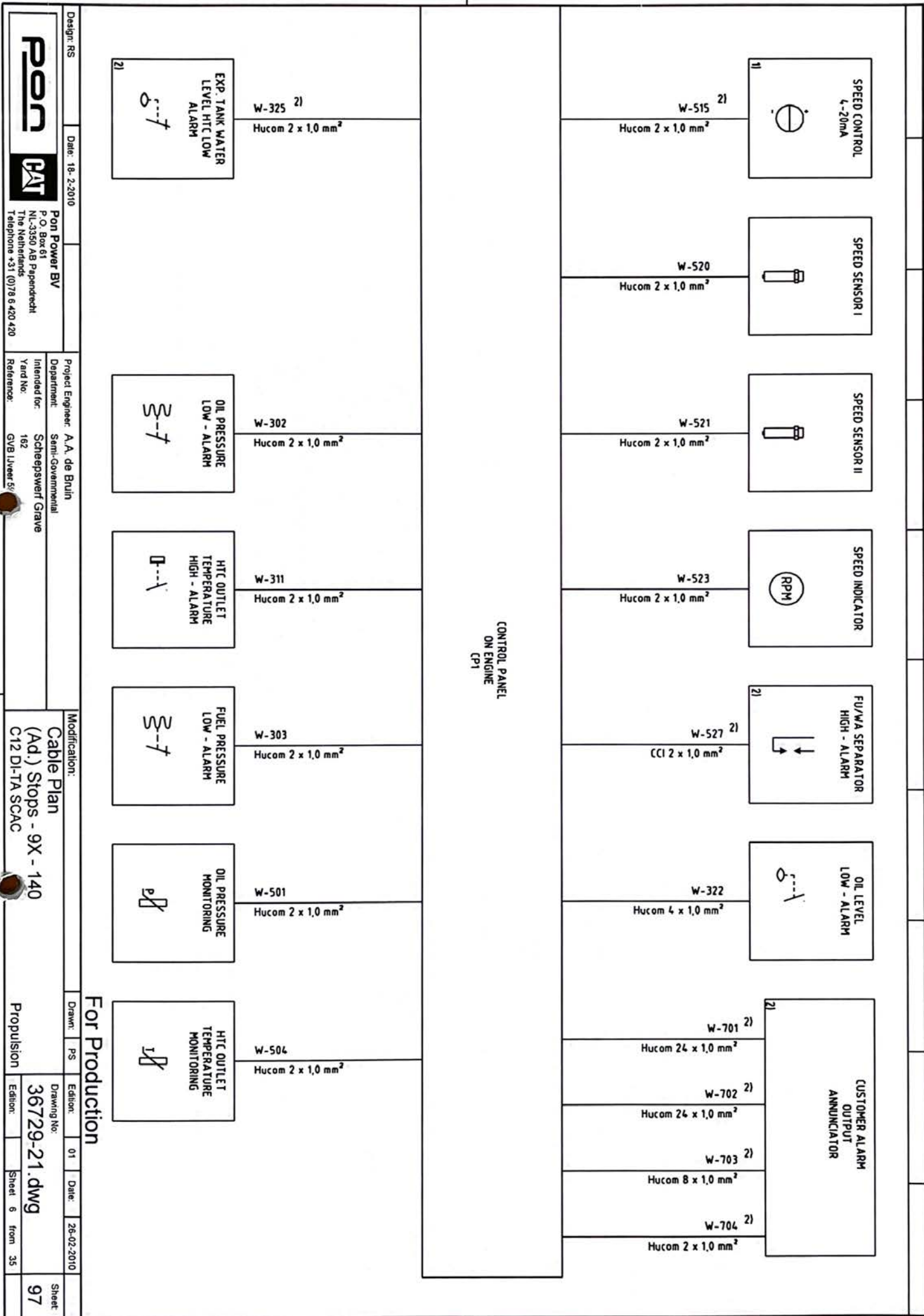
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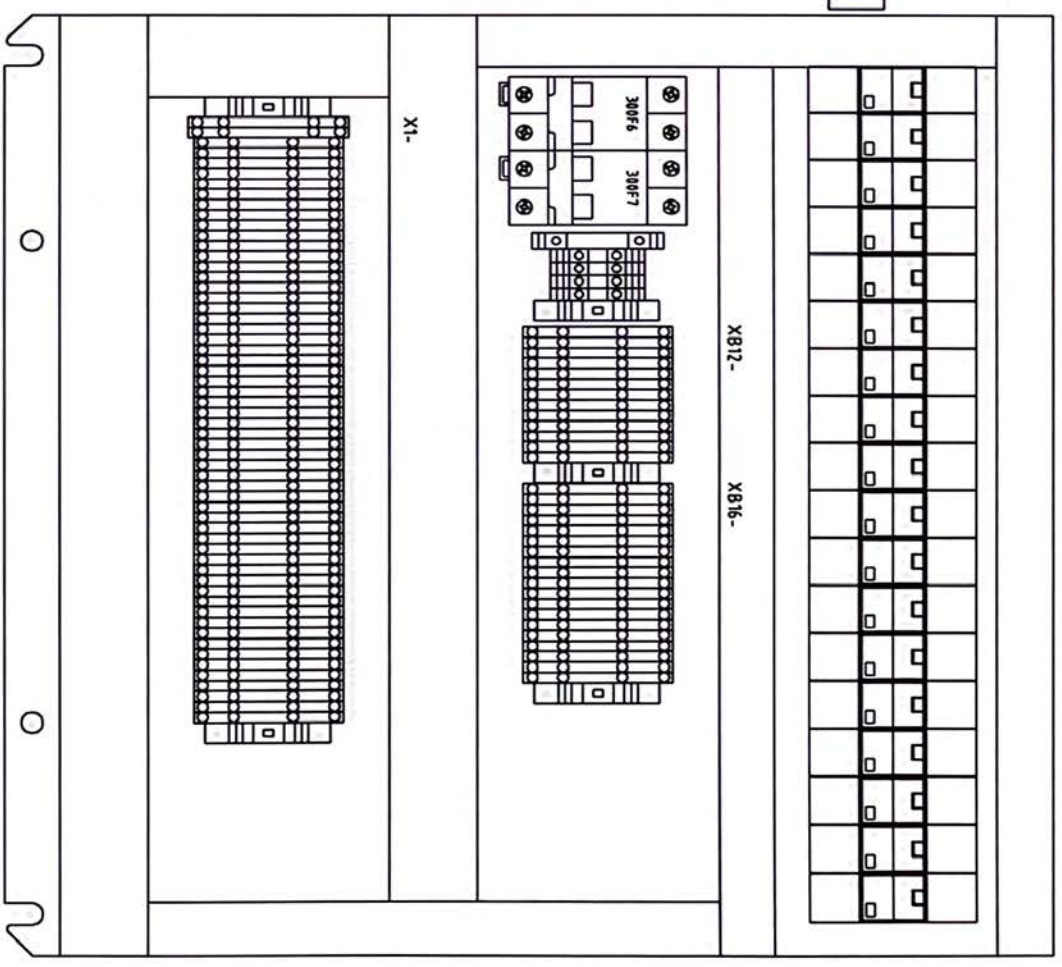
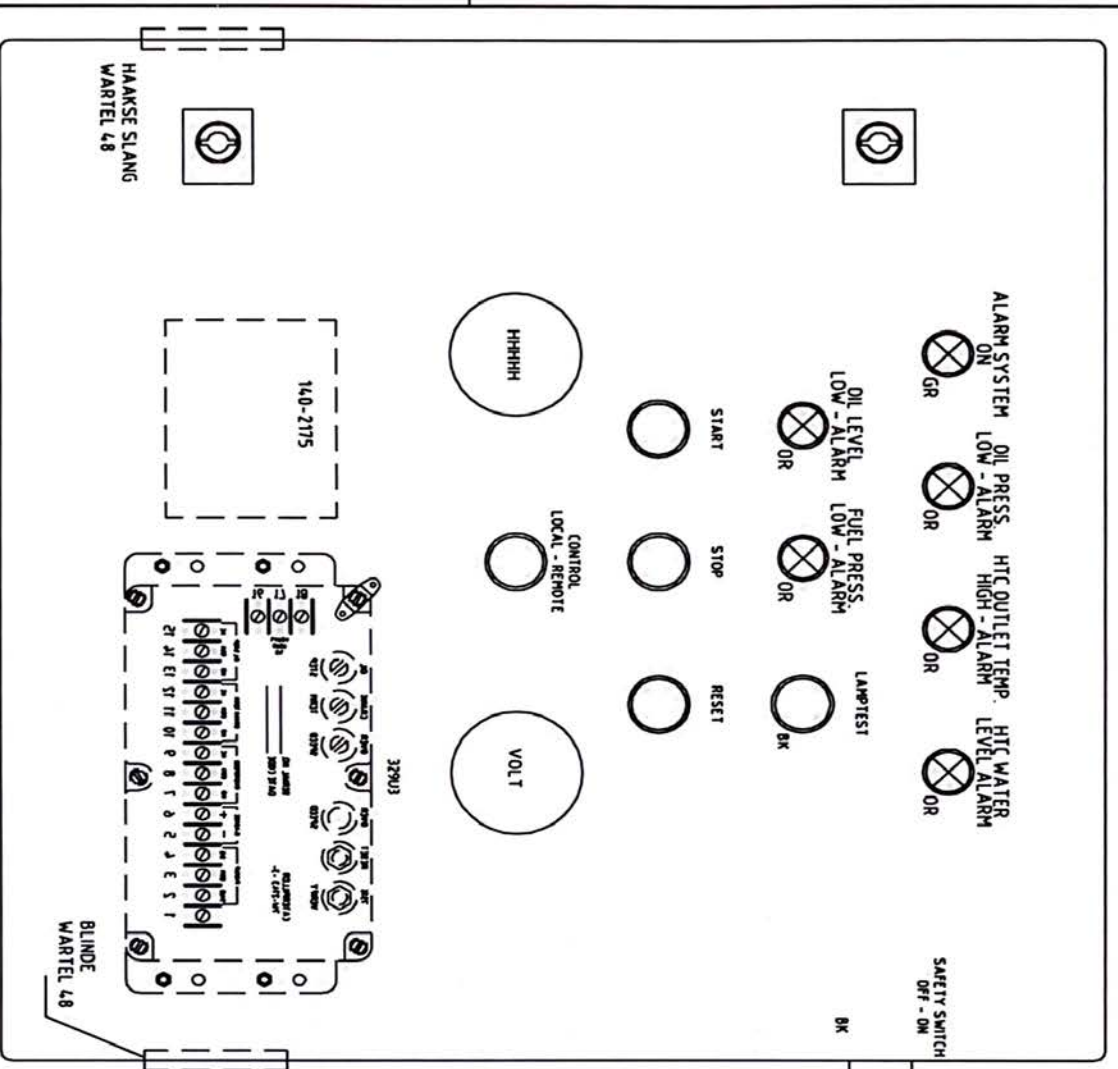
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For Production

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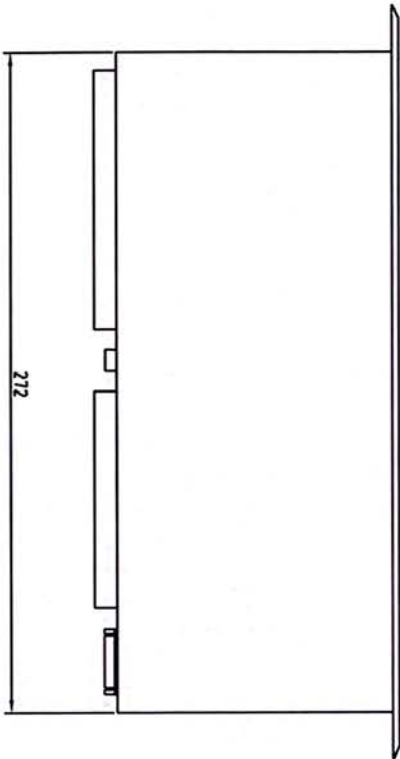
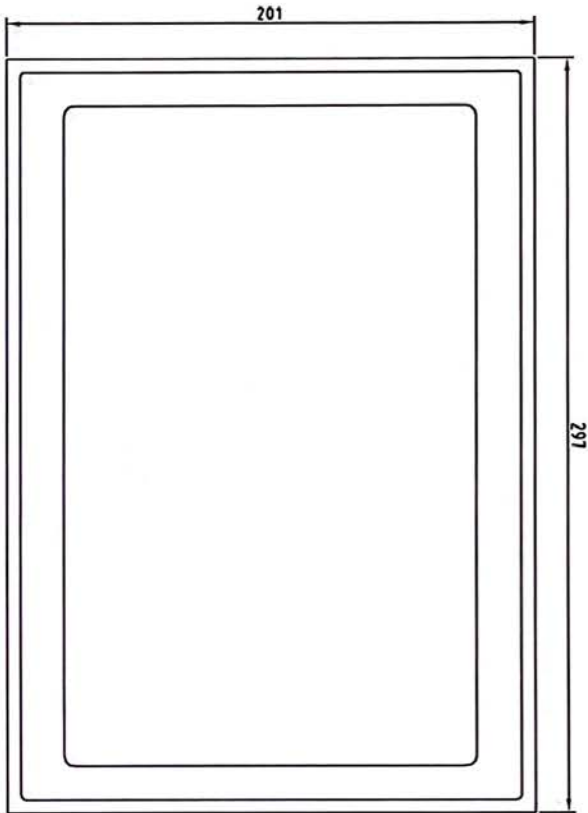
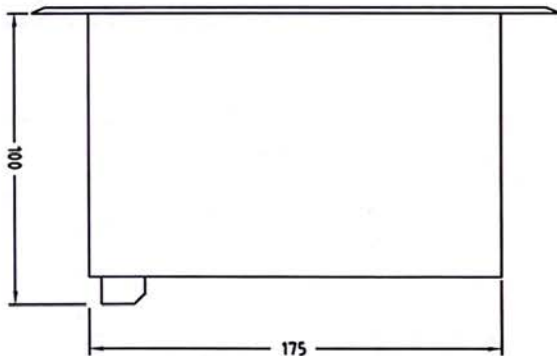
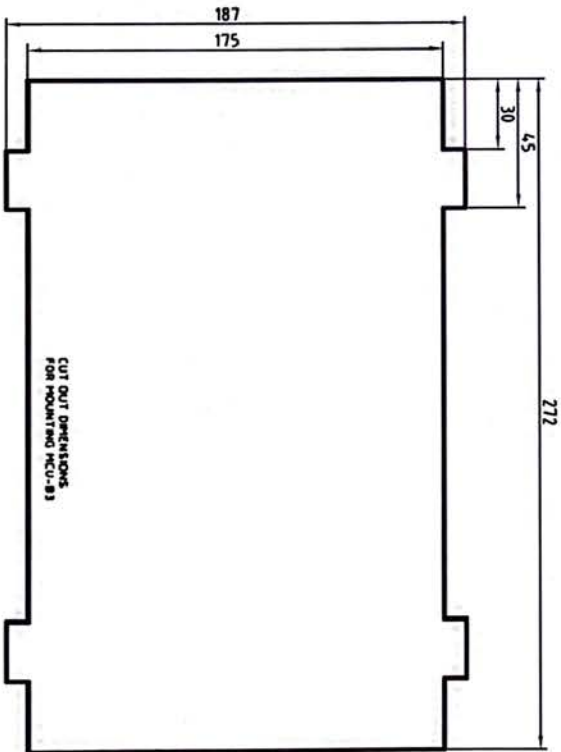


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Design: RS		Date: 18-2-2010									
 Pon Power BV P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420				Project Engineer: A.A. de Bruijn							
Department: Semi-Governmental											
Intended for: Schreepswerf Grave											
Yard No: 162											
Reference: GVB Liveer 8											
Modification:				Layout Control Panel (500 x 500)							
Stops											
C12 DI-TA SCAC				Propulsion							
Drawing No:		Edition:		01		Date:		26-02-2010		0.4	
36729-21.dwg										Sheet	
										139	
Editor		Sheet		8		from		35			

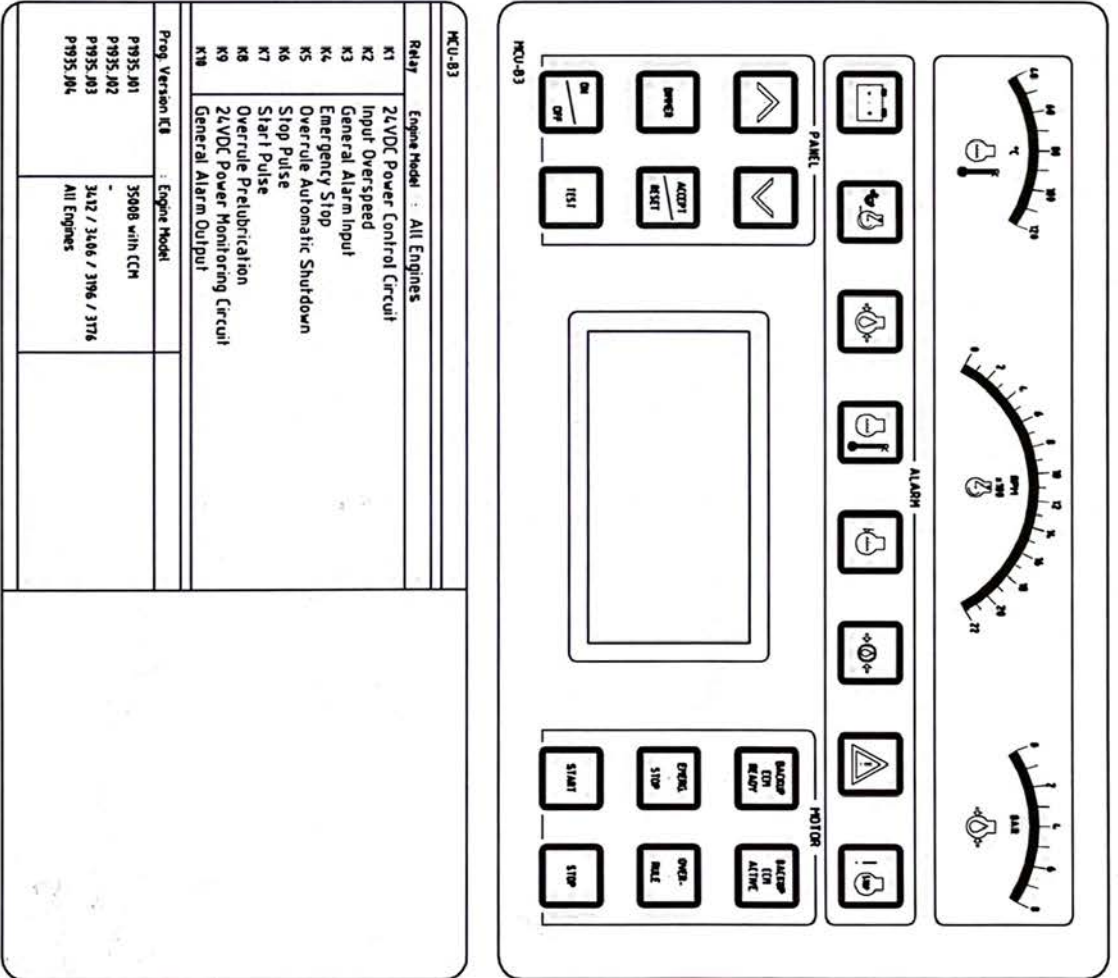
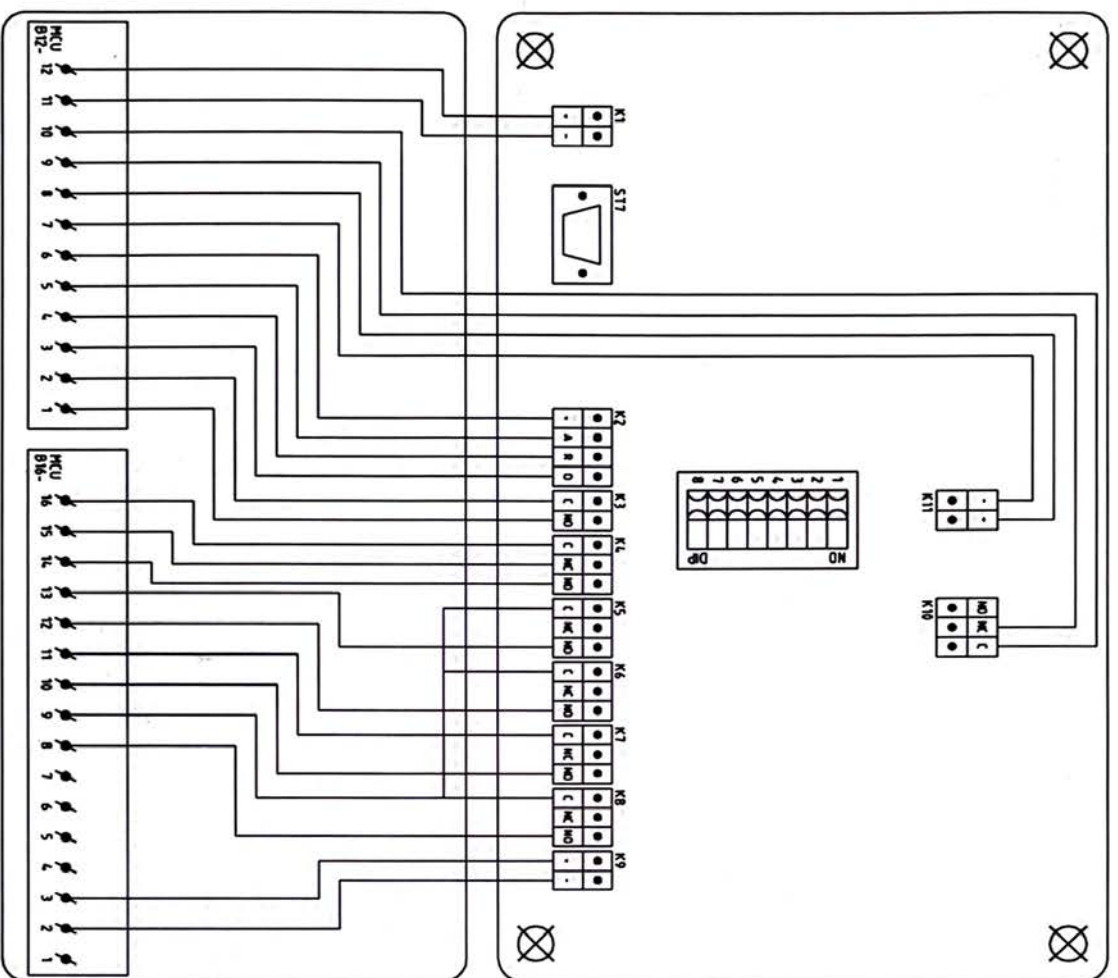
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Pon Power BV		P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420		Pon Power BV		P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420		Pon Power BV		P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420		Pon Power BV		P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420		Pon Power BV		P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420		Pon Power BV		P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420		Pon Power BV		P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420	

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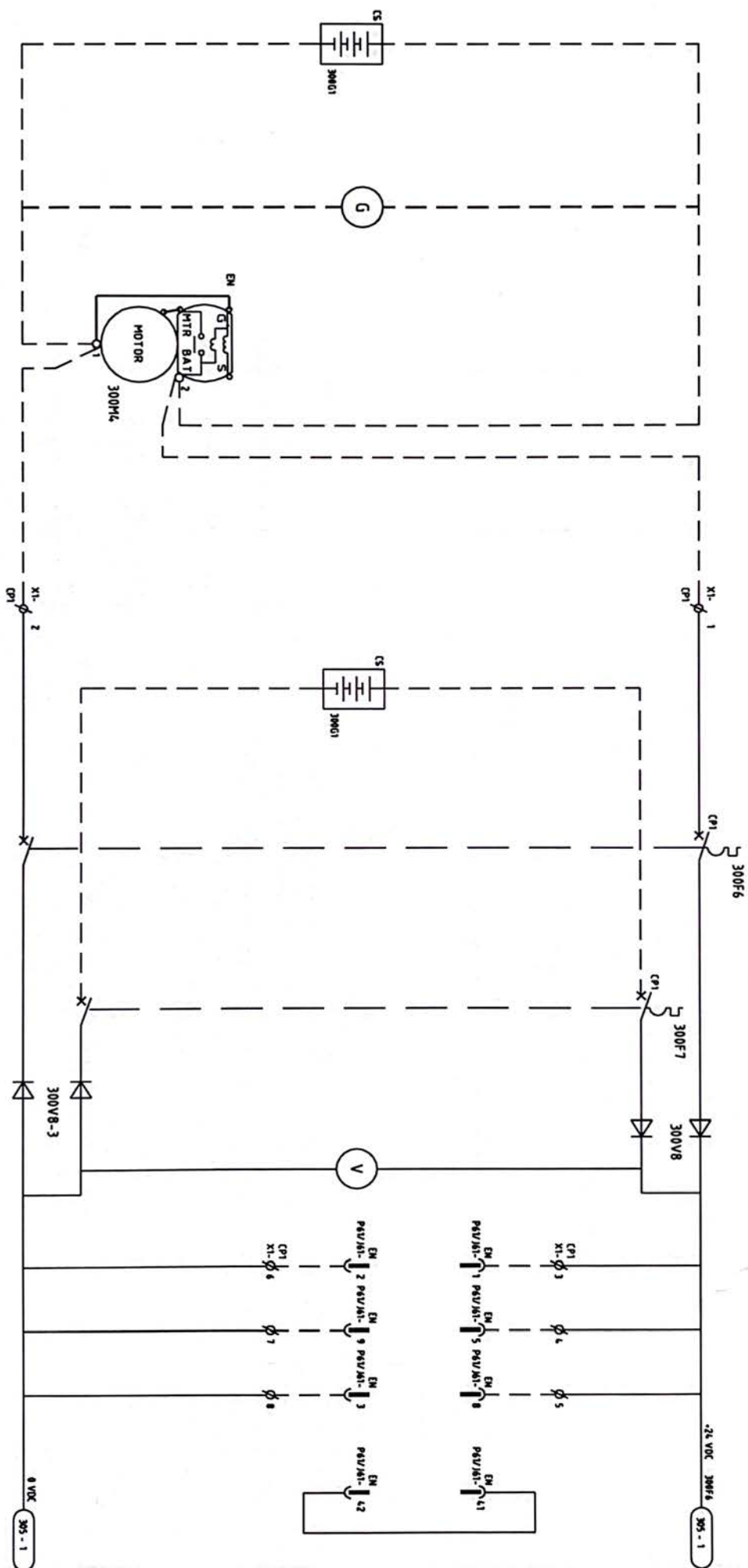
Design: RS		Date: 18-2-2010	
 Pon Power BV P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420		Project Engineer: A.A. de Bruijn Department: Semi-Governmental Intended for: Scheepswaerf Grave Yard No.: 162 Reference: GVB Liveer 5	
Modification:		Layout MCU-B3 Front View C12 DI-TA SCAC	
Drawn: PS	Editor: 01	Date: 26-02-2010	Sheet: 196
Propulsion		Edition: Sheet 11 from 35	

For Production



Relay	Engine Model	All Engines
K1	24VDC Power Control Circuit	
K2	Input Overspeed	
K3	General Alarm Input	
K4	Emergency Stop	
K5	Override Automatic Shutdown	
K6	Stop Pulse	
K7	Start Pulse	
K8	Override Prelubrication	
K9	24VDC Power Monitoring Circuit	
K10	General Alarm Output	
Prog. Version K8 : Engine Model		
P1935.101	3500B with CCM	
P1935.102	3412 / 3406 / 3196 / 3176	
P1935.103	All Engines	
P1935.104	All Engines	

1	2	3	4	5	6	7	8	9	10
BATTERY	ALTERNATOR	STARTING MOTOR		BACKUP	CIRCUIT BREAKER B 16A	CIRCUIT BREAKER B 10A		POWER SUPPLY	
POWER SUPPLY	60A			POWER SUPPLY	SHUTDOWN SYSTEM	CONTROL SYSTEM	VOLT INDICATOR	ECM	
24 VDC				24 VDC					



For Production

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Sheet

Pon Power BV
P.O. Box 61
NL-3350 AB Papendrecht
The Netherlands
Telephone +31 (0)78 6 420 420

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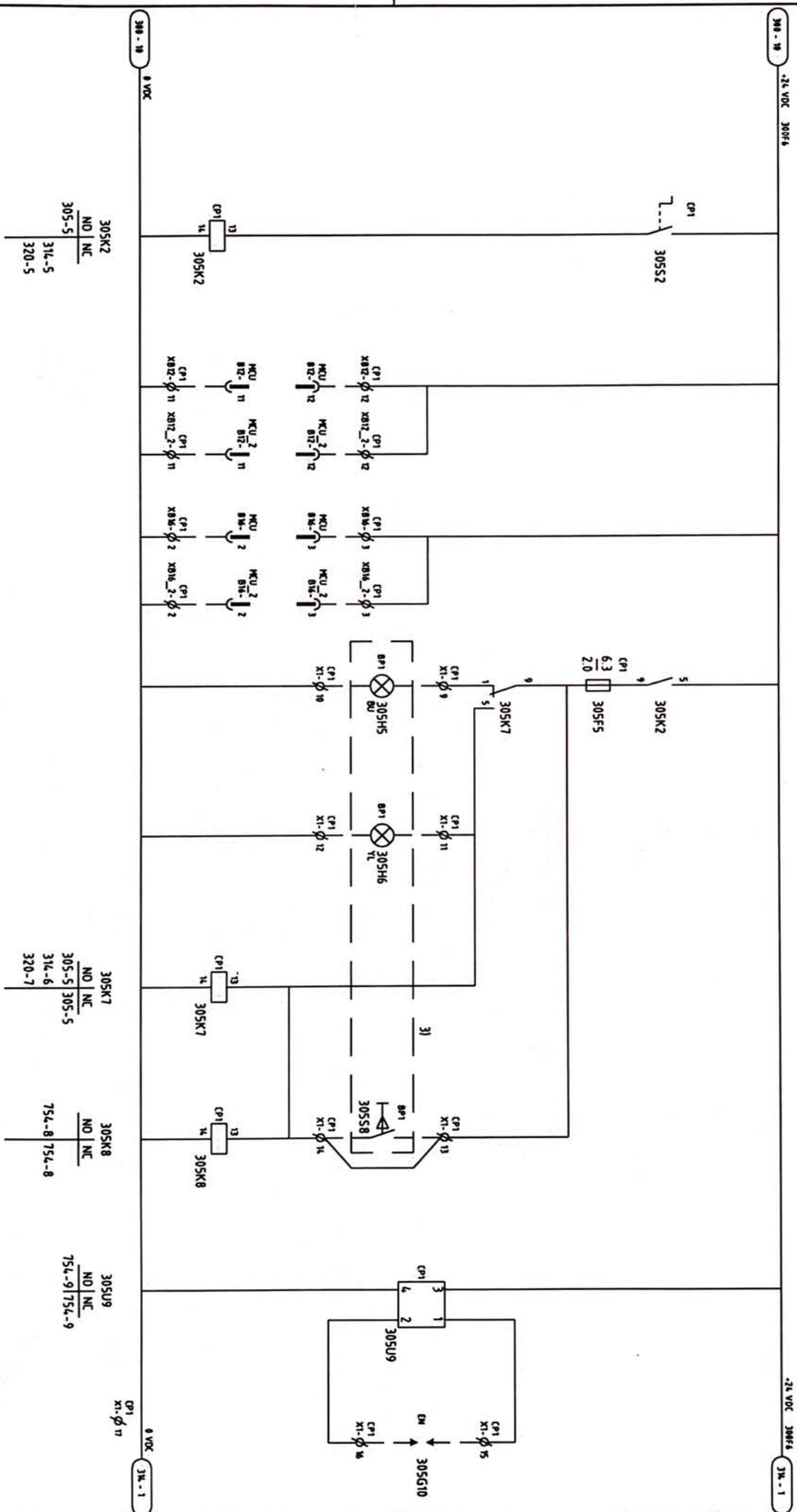
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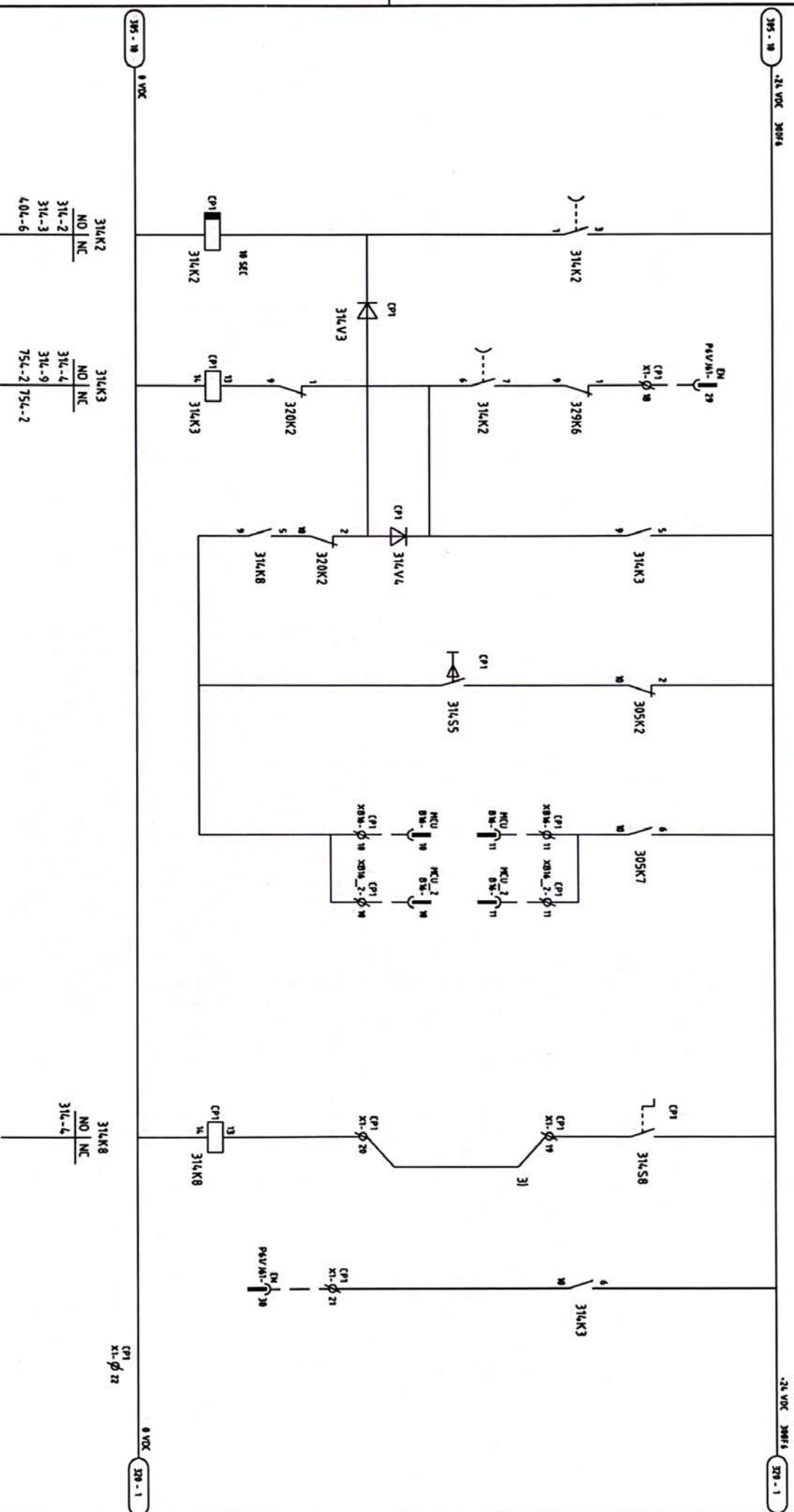
9-2

13 from 35

Sheet	300
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1	2	3	4	5	6	7	8	9	10
ENGINE STARTING / RUNNING									
ENGINE START		LOCAL START		START FROM MCU-8		SAFETY SWITCH		ENGINE RUNNING	
						START INTERLOCK			



For Production

Design: RS	Date: 18-2-2010	Project Engineer: A.A. de Bruin	Modification: Start / Stop System	Drawn: PS	Edition: 01	Date: 26-02-2010	Sheet: 314
Pon Power BV		Scheepswerf Grave		Propulsion		Sheet 15 from 35	
P.O. Box 61		Intended for:		Drawing No:		36729-21.dwg	
NL-3350 AB Papendrecht		Yard No:		Reference:		314	
The Netherlands		162		GV8 / lever / 8			
Telephone +31 (0)78 6 420 420							



Pon Power Systems
The Netherlands
Telephone +31 (0)78 6 420 420

Department: Semi-Governmental
Schepswerf Grave

Start / Stop System
Stops
C12 DI-TA SCAC

Propulsion

Drawing No: 36729-21.dwg

Sheet: 314

Design: RS

Date: 18-2-2010

Project Engineer A.A. de Bruin

Modification:

Draw

PS

Edition:

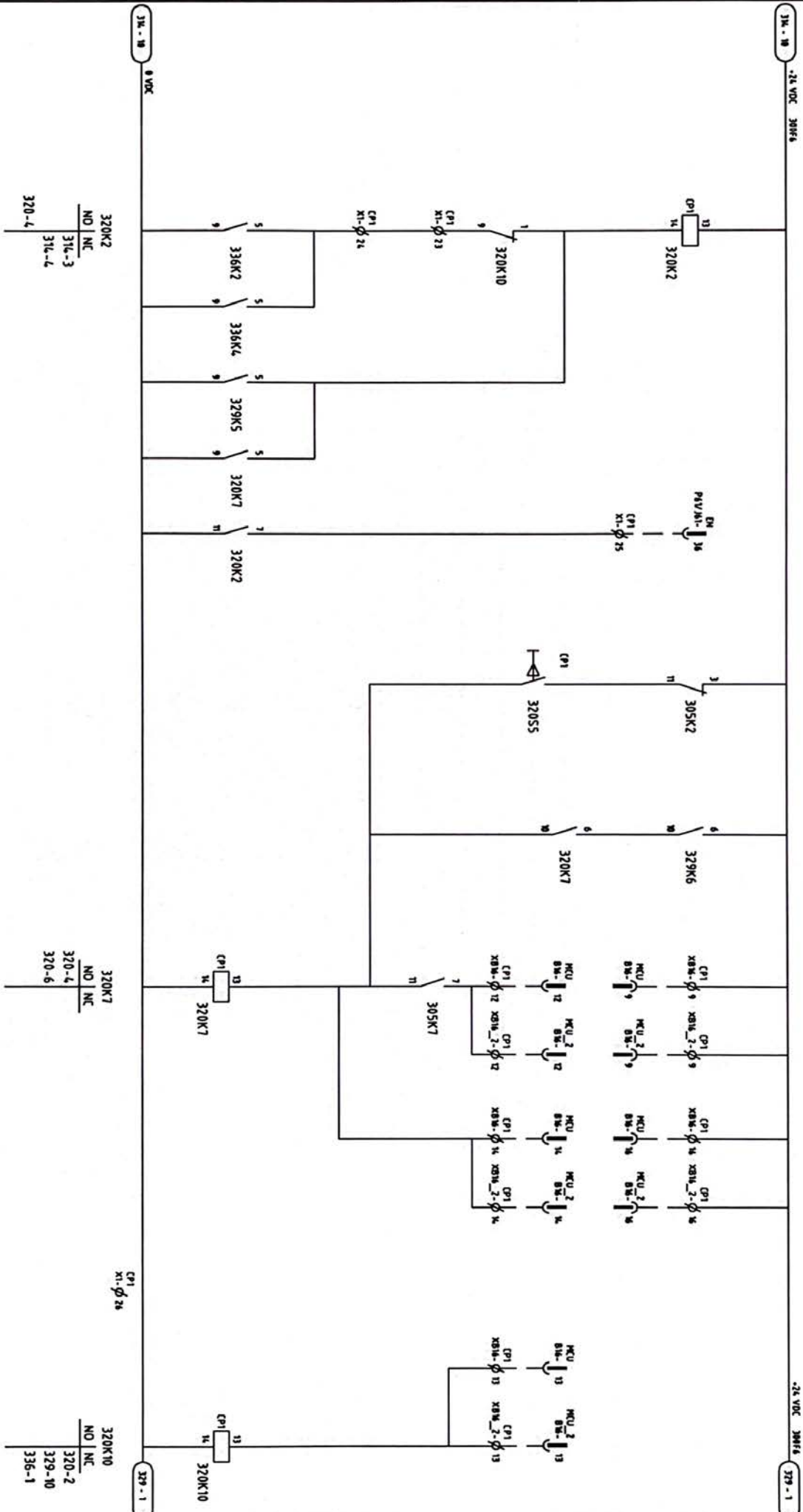
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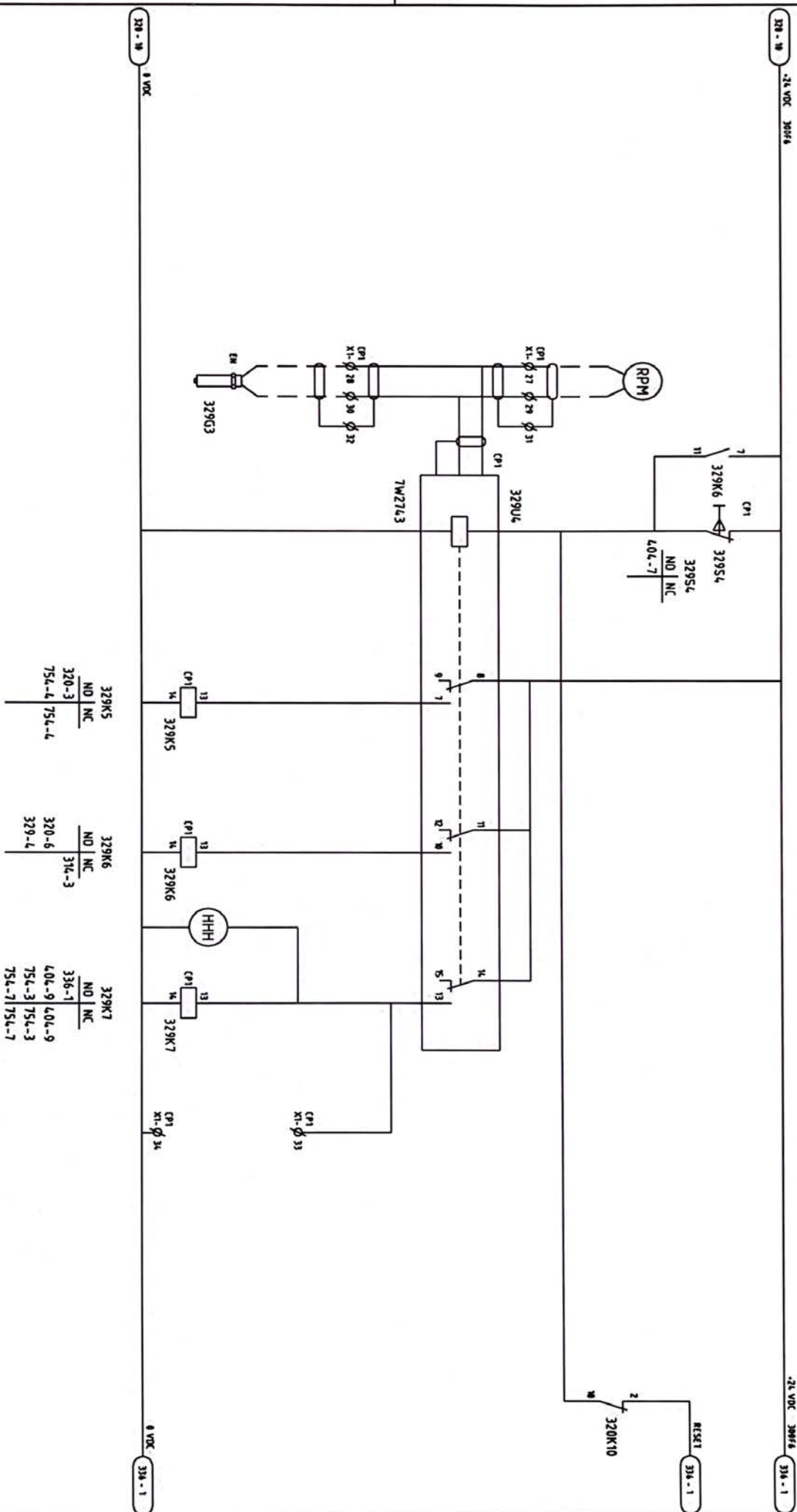
at:	26-02-2010
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For Production



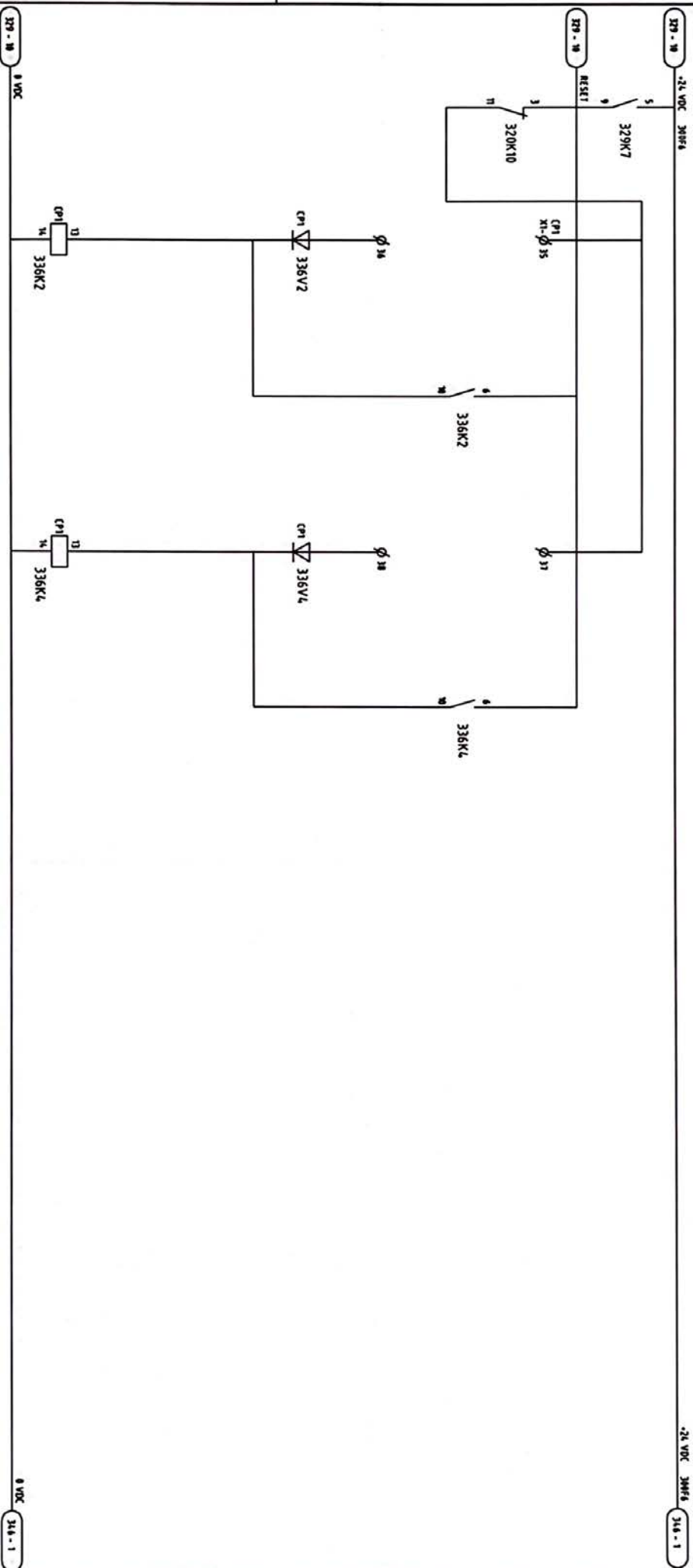
1	2	3	4	5	6	7	8	9	10
SPEEDSWITCH									
	RPM	RESET	OVERSPEED	CRANK	OIL STEP				
	SPEED SENSOR 1		PROTECTION STOP		SERVICE HOURS				



For Production

Design: RS		Date: 18-2-2010			
 		Pon Power BV P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420			
Project Engineer		A.A. de Bruijn			
Department	Semi-Governmental				
Intended for	Scheepswaerf Grave				
Yard No:	162				
Reference:	GVB IJwerf 55				
Modification:		Drawn:		PS	Editor:
Shutdown System					01
Stops					Date:
C12 Di-TA SCAC					28-02-2010
Propulsion		Drawing No:		Sheet	
		36729-21.dwg		329	
		Editor:		Sheet 17 from 35	

1	2	3	4	5	6	7	8	9	10



336K2	NO	NC
320-2		
336-3		
754-5	754-5	

336K4	NO	NC
320-3		
336-5		
754-6	754-6	

For Production

Design: RS	Date: 18-2-2010	Project Engineer: A.A. de Bruijn	Department: Semi-Governmental	Intended for: Scheepswaerf Grave	Yard No: 162	Reference: GVB Liveer 5
Shutdown System Stops C12 DI-TA SCAC			Propulsion			
Drawing No: 36729-21.dwg Sheet: 336			Edition: 01 Date: 26-02-2010 Sheet 18 from 35			



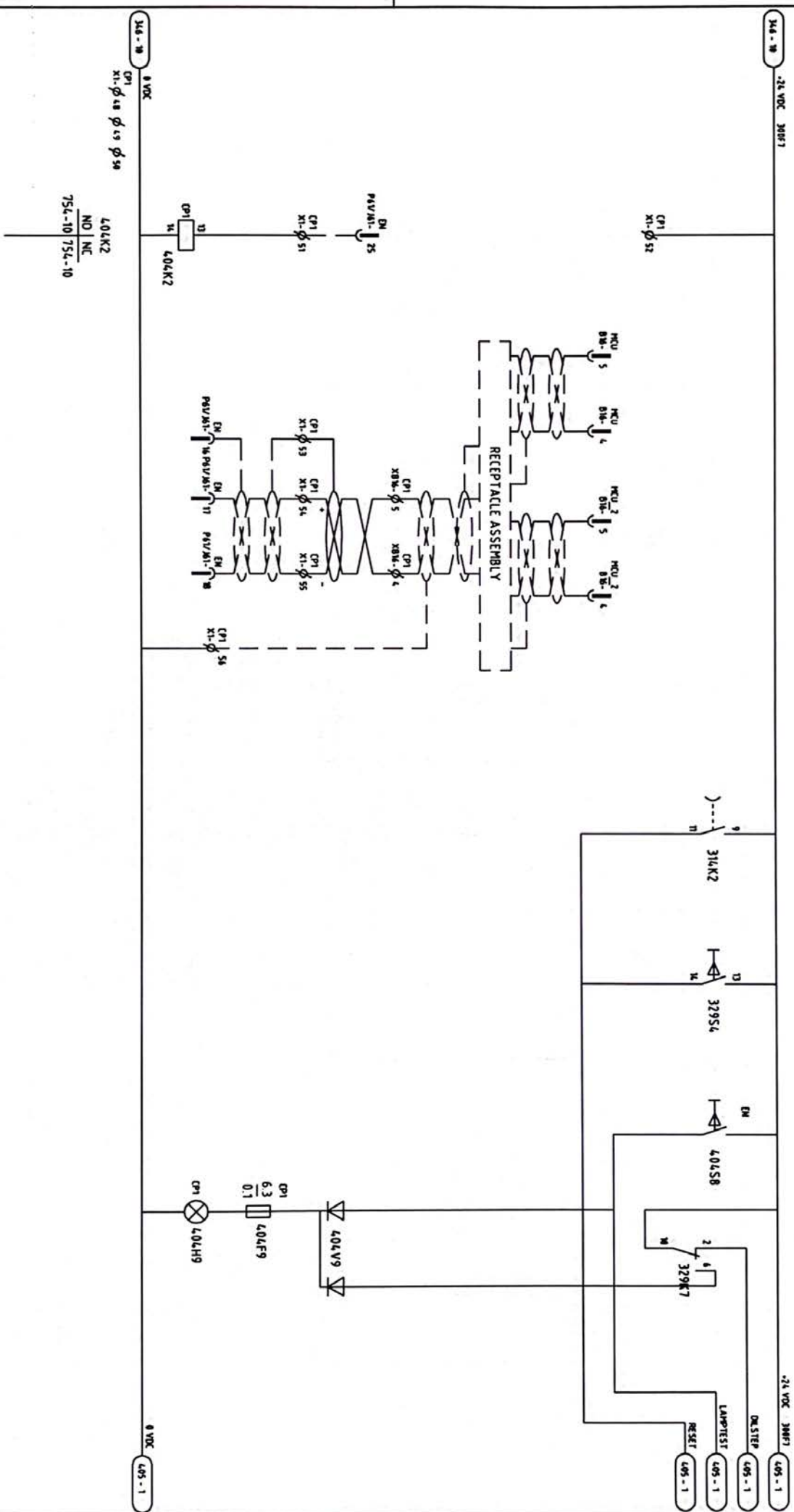
Pon Power BV
P.O. Box 61
NL-3350 AB Papendrecht
The Netherlands
Telephone +31 (0)78 6 420 420

334 - 36	26 VDC	30007	26 VDC	30007	404 - 1
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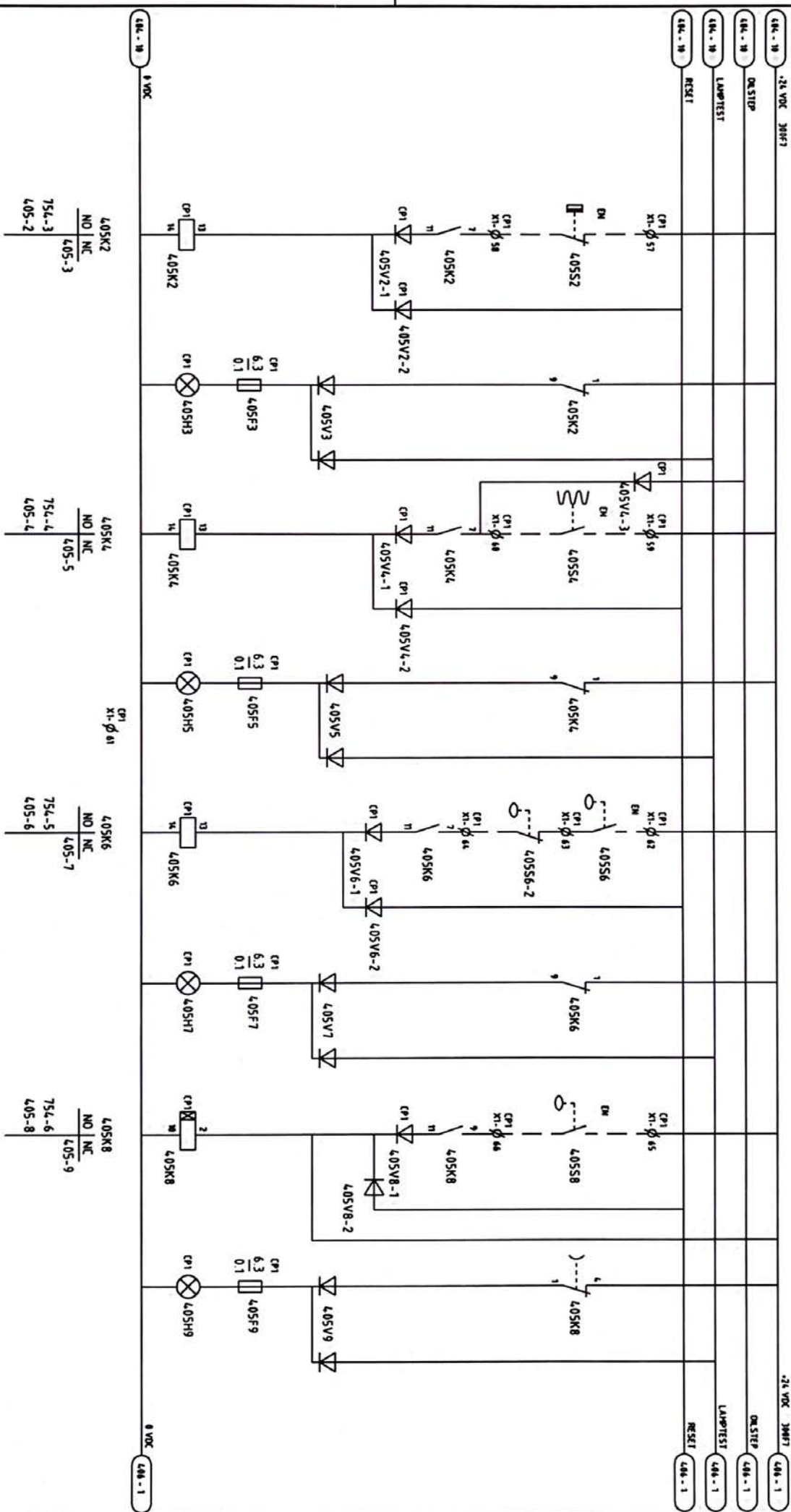
 		Pon Power BV P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420	
Department:	Semi-Governmental	Intended for:	Scheepswaerf Grave
Yard No:	162	Reference:	GVB IJmeer 5
Throttle System		C12 Di-ITA SCAC	
Propulsion		Drawing No:	
36729-21.dwg		Sheet:	
Edition:	Sheet 19 from 35	346	

1	2	3	4	5	6	7	8	9	10
	GENERAL ALARM	J1939 DATA	J1939 DATA			RESET ALARM	LAMP TEST	OIL STEP	
	ENGINE		DATA MCU-B3					ALARM SYSTEM	
		1	2					ON	



For Production

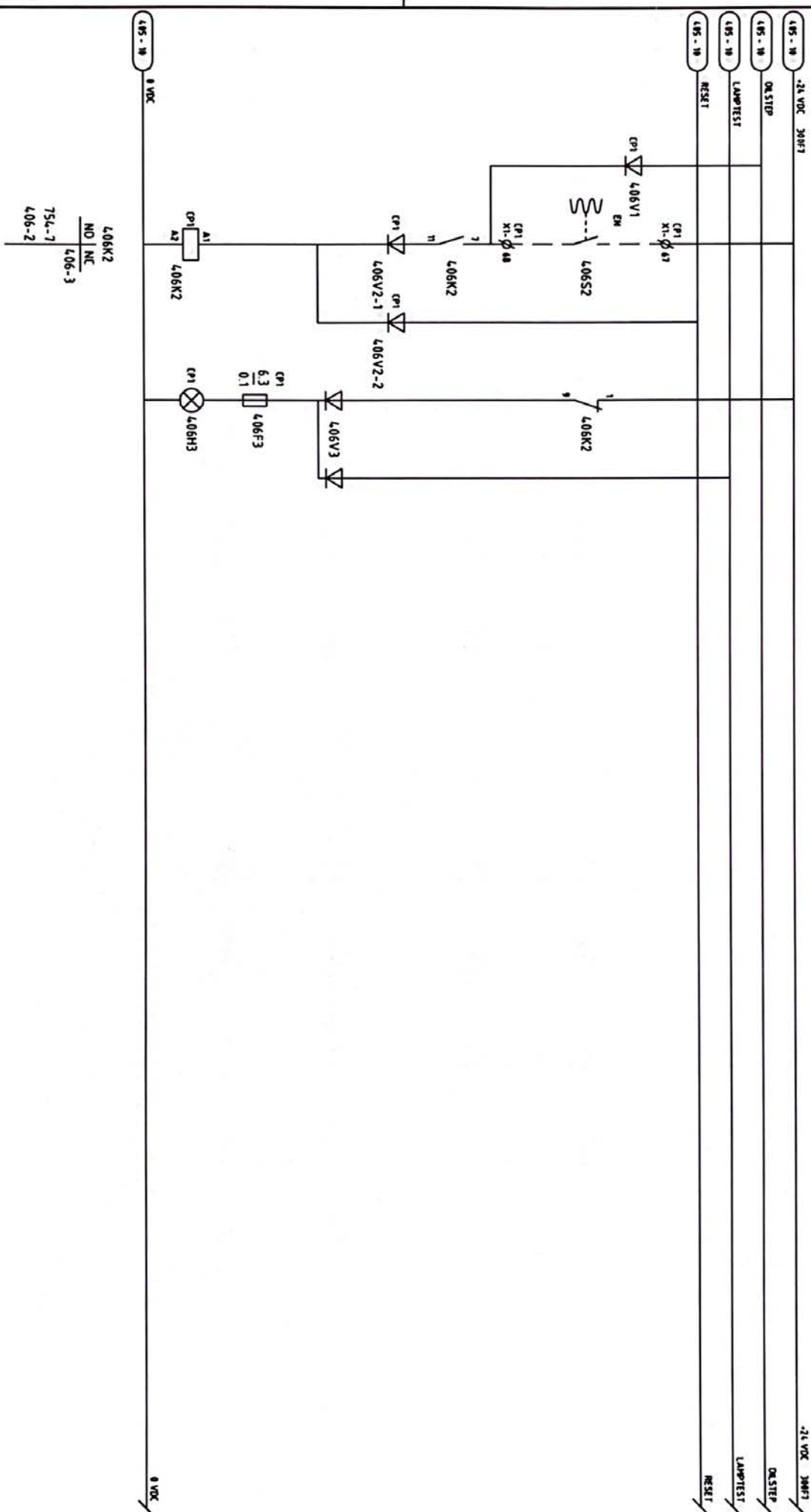
Design: RS	Date: 18-2-2010	Project Engineer: A.A. de Bruin	Department: Semi-Governmental	Intended for: Scheepswaerf Grave	Yard No: 162	Reference: GVB Lijver 5	Modification: Alarm System Stops C12 DI-TA SCAC	Propulsion	Sheet: 404
P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420									

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For Production

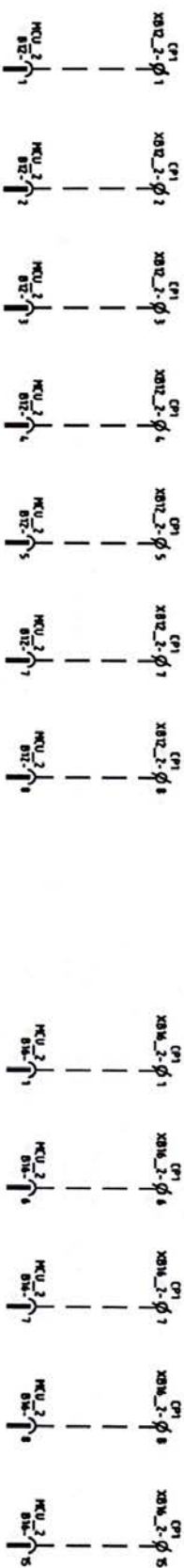
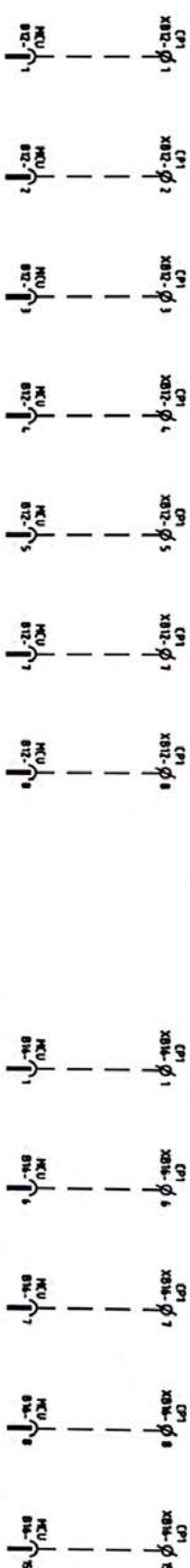
Design: RS		Date: 18-2-2010			
		Pon Power BV P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420			
Project Engineer: A. A. de Bruijn Department: Semi-Governmental		Intended for: Scheepswaerf Grave Yard No.: 162 Reference: GVB IJmeer 5			
Modification: Alarm System C12 DI-TA SCAC		Propulsion		Drawing No: 36729-21.dwg Edition: Sheet Edition: Sheet 21 from 35	
Drawn: PS		Edition: 01 Date: 26-02-2010		Sheet 405	

1	2	3	4	5	6	7	8	9	10
		FUEL PRESSURE							
		LOW - ALARM							



For Production

Design RS	Date: 18-2-2010	Project Engineer: A.A. de Bruin	Department: Semi-Governmental	Modification: Shutdown System	Drawn: PS	Edition: 01	Date: 26-02-2010	Sheet: 406
Pon	Pon Power BV P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420	Intended for: Schrepswerf Grave Yard No: 162 Reference: GVB IJwerf		C12 DI-TA SCAC	Propulsion	Drawing No: 36729-21.dwg	Sheet 22 from 35	

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For Production

Design: RS		Date: 16-2-2010			
 		Pon Power BV P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420			
Project Engineer: A. A. de Bruin					
Department: Semi-Governmental					
Intended for: Scheepswerf Grave					
Yard No: 162					
Reference: GVB IJmeer 5					
Modification:		Wiring MCU-B3			
Drawn:		PS		Edition: 01 Date: 26-02-2010	
Drawing No:		36729-21.dwg		Sheet: 750	
Edition:		Sheet 23 from 35			
Propulsion		C12 DI-TA SCAC			

Design: RS

Date: 18-2-2010

Project Engineer: A.A. de Bruin

Modification:

Drawn:

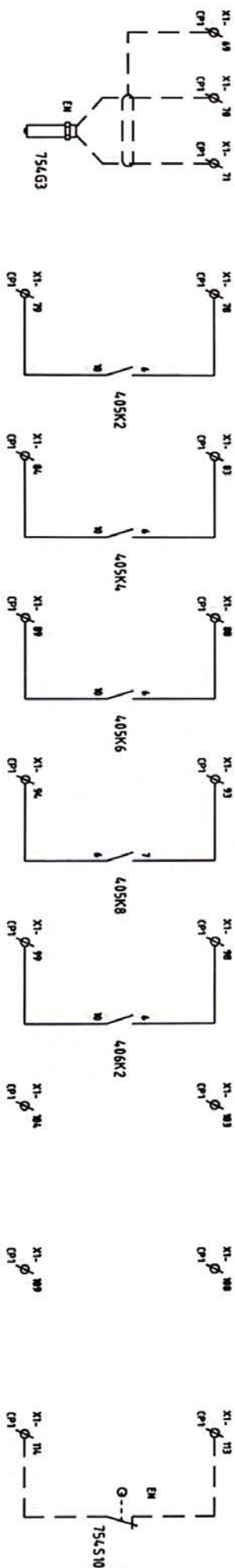
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Date: 2

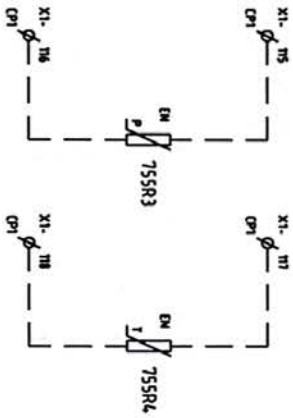
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For Production

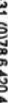
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		OIL PRESSURE	HTC TEMPERATURE				
		MONITORING	MONITORING				



For Production

Design: RS		Date: 18-2-2010			
 		Pon Boer BV P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6420 420			
Project Engineer: A. A. de Bruin Department: Semi-Governmental		Intended for: Scheepswerv Grave Yard No: 162 Reference: GVB IJmeer 			
Modification:		Drawn:	PS	Edition: 01	Date: 26-02-2010
Contacts for Customer		Drawing No: 36729-21.dwg			
C12 DI-TA SCAC		Propulsion			
		Edition: Sheet 25 from 35			
		755			

Design: RS Date: 18-2-2010		Project Engineer: A.A. de Bruin Department: Semi-Governmental Intended for: Scheepswaerf Grave Yard No: 162 Reference: GVB Lveer 'r'		Modification: Terminals - CP1 - X1 C12 DI-TA SCAC		Drawn: PS Edition: 01 Date: 26-02-2010		Drawing No: 36729-21.dwg Sheet: 800																																																																																																																																																																																																																																																																					
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For Production

For Production

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TERMINAL STRIP										CABLE										REMARKS									
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link																													
Terminal no.																													
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002										MCU: B12-00																			
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Design: RS

Date: 18-2-2010

Project Engineer: A.A. de Bruin

Department: Semi-Governmental

Intended for: Scheepswaarf Grave

Yard No: 162

Reference: GVB Lisse 5

Modification: Terminals - CP1 - XB12

Drawn: PS

Drawing No: 36729-21.dwg

Edition: 01

Date: 26-02-2010

Sheet 830

Propulsion

Sheet 29 from 35

For Production

Terminals make: -----

Type: -----

Pen

CA

Pon Power BV
P.O. Box 61
NL-3350 AB Papendrecht
The Netherlands
Telephone +31 (0)78 6 420 420

Design: RS Date: 18-2-2010 Pon Power BV P.O. Box 61 NL-3350 AB Papendrecht The Netherlands Telephone +31 (0)78 6 420 420 Project Engineer: A.A. de Bruin Department: Semi-Governmental Intended for: Scheepswerf Grave Yard No: 162 Reference: GVB IJveer 5										Modification: Terminals - CP1 - XB16 C12 DI-TA SCAC Propulsion										Drawn: PS PS		Edition: 01 Date: 26-02-2010		Sheet 36729-21.dwg 831																																																																																																																																																																																																																											
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[illegible]

Pon Power BV
P.O. Box 61
NL-3350 AB Papendrecht
The Netherlands
Telephone +31 (0)78 6 420 420

Project Engineer:	A.A. de Bruin
Department:	Semi-Governmental
Intended for:	Scheepswerf Grave
Yard No:	162
Reference:	GVB IJveer 57

Modification:

Terminals - CP2 - X1

C12 DI-TA SCAC

Drawn:	PS
Propulsion	

Drawing No:		36729-21.dwg	
Edition:	01	Date:	26-02-2016
Edition:		Sheet	31 from 35

Sheet
840

Design: RS	Date: 18-2-2010
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Date: 18-2-2010

Project Engineer: A.A. de Bruin

Modification:

Drawn:	PS
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Edition:

01

Date:	26-02-2010
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1

Terminals make: -----

type: -----

type: -----

For Production

TAG No.	Size	CABLE	TERMINAL STRIP				Conductor or number code
			Destination code	Link	Terminal no.	Location (P2 Strip) X1-	
					001		EN: 212E3
			X1-003		002		EN: 212E3
			X1-002		003		EN: 212S4
					004		EN: 212S4
					005		
					006		
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					047		
					048		
					049		
					050		

Neutral busbar "N"

Earth busbar "P"

Spare 6

REMARKS

[illegible]

[illegible]

[illegible]

Project Engineer: A.A. de Bruin

Modification:

Drawn:

PS

Edition:

01

Date _____

26-02-2010

[illegible]

Terminals make: -----

type: -----

For Production

REMARKS

TAG No.	Size	CABLE	TERMINAL STRIP				CABLE	Size	TAG No.
			Destination code	link	Terminal no.	Location PCB Strip: BM-			
↓ Conductor or number code									
			los		001			CP1: XB16-001	
			los		002			CP1: XB16-002	
			los		003			CP1: XB16-003	
			los		004				
			los		005				
			los		006			CP1: XB16-006	
			los		007			CP1: XB16-007	
			los		008			CP1: XB16-008	
			los		009			CP1: XB16-009	
			los		010			CP1: XB16-010	
			los		011			CP1: XB16-011	
			los		012			CP1: XB16-012	
			los		013			CP1: XB16-013	
			los		014			CP1: XB16-014	
			los		015			CP1: XB16-015	
			los		016			CP1: XB16-016	
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					045				
					046				
					047				
					048				
					049				
				050					

Neutral busbar "N"

Earth busbar "P"

See remark E
See remark E

[illegible]

[illegible]