


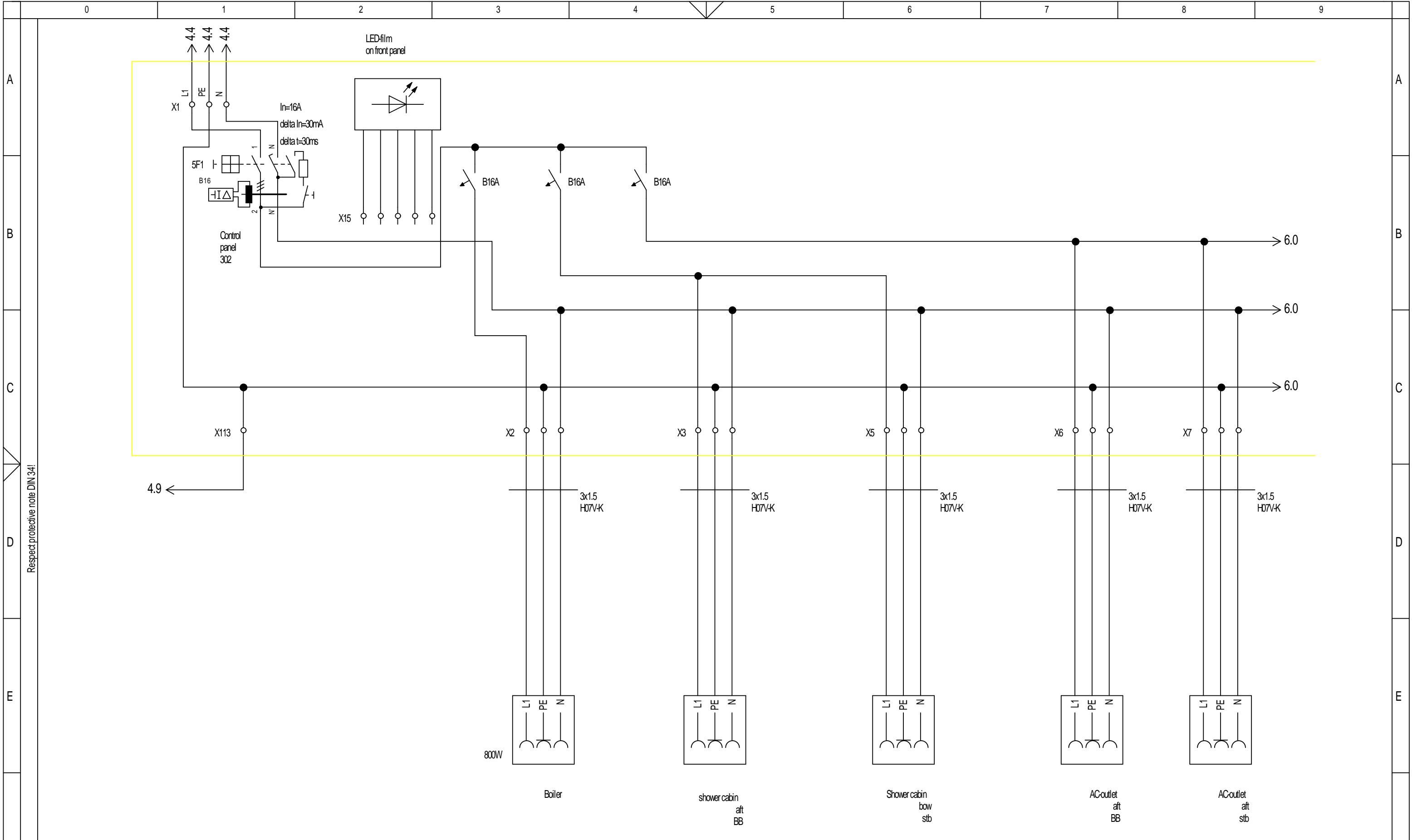
Electrical installation agrees to european norm EN ISO 13297:2000 for AC installations  
Electrical installation agrees to european norm EN ISO 10133:2000 for DC installations.


F	PREVIOUS PAGE:								DRAWN BY:		DISCRIPTION		NEXT PAGE: 4		F
	REV	DATE	CHANGE	name		DATE	name		M.S.P. Nolte GmbH	Coverpage	PROJ.-NO.:	ATTACHMENT:			
	1	01.09.2012	normal rev.	Heino Nolte	DRAWN	18.05.2010	Ulrich Engel		Bavariastraße 1	Tonndorfer Hauptstr. 30	S-000.308-06 NC40EGL				
	2				CHECK	01.09.2012	Heino Nolte		D-97232 Giebelstadt	D-22045 Hamburg	circuit diagram New Cruiser 40 SC40		PAGE: 1		
	3				APPR.				www.bavaria-yachtbau.com	Tel.: +49 (0)40 688 602 88			SHEET: 42		

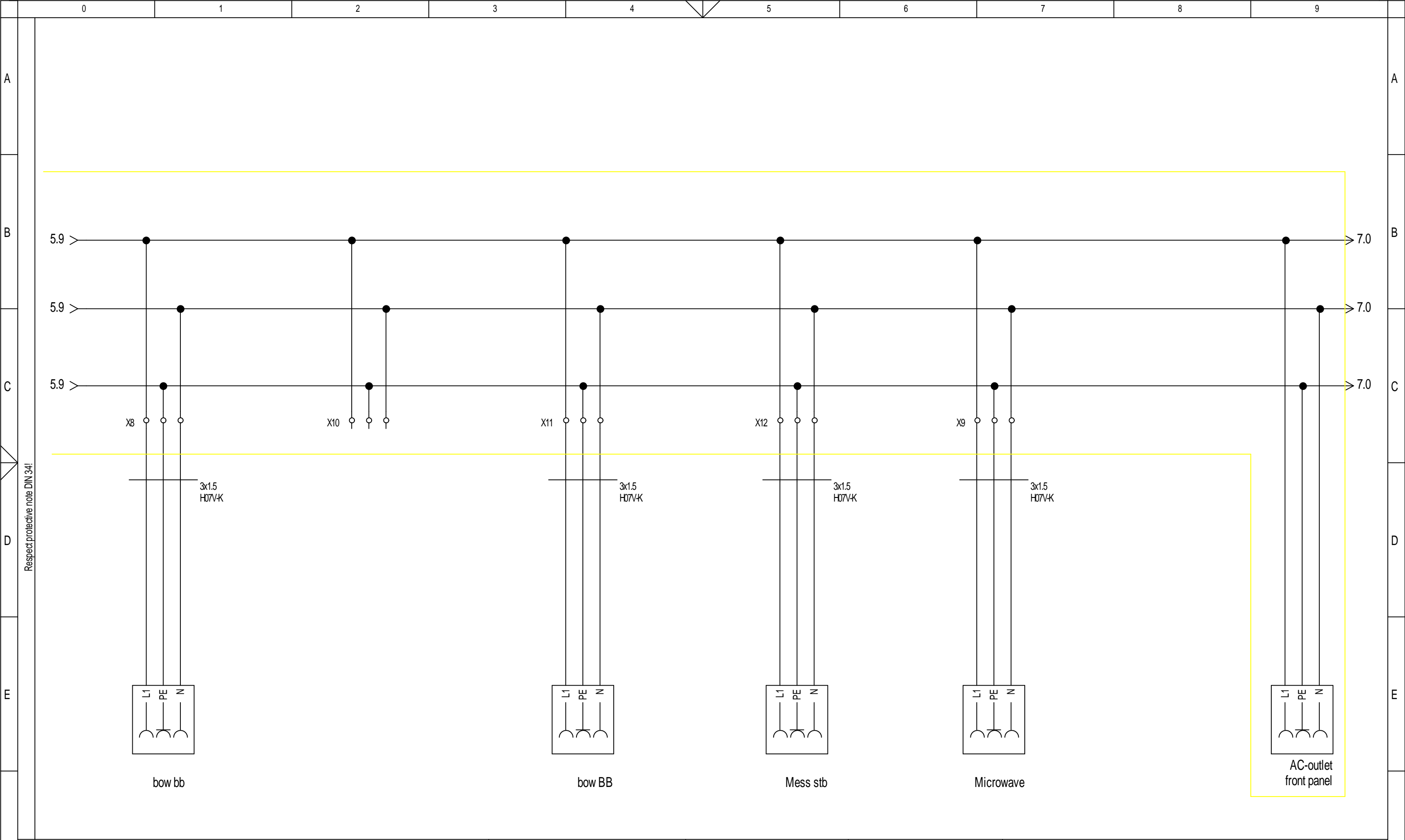
		0	1		2		3		4		5		6		7		8		9												
A		table of contents																				A									
		plant (=)		page		document type				description						index		rev. date		create date											
B				1		circuit diagram				Coverpage								26.11.2012		18.05.2010		B									
				2		table of contents												26.11.2012		26.11.2012											
				3		table of contents												26.11.2012		26.11.2012											
				4		circuit diagram				AC distribution								26.11.2012		18.05.2010											
				5		circuit diagram				AC distribution								26.11.2012		18.05.2010											
				6		circuit diagram				AC distribution								26.11.2012		18.05.2010											
C				7		circuit diagram				DC distribution								26.11.2012		13.05.2010		C									
				8		circuit diagram				DC distribution								26.11.2012		13.05.2010											
				9		circuit diagram				inputs Panel 301								26.11.2012		16.05.2010											
				10		circuit diagram				panel 301								26.11.2012		14.05.2010											
				11		circuit diagram				panel 301								26.11.2012		14.05.2010											
				12		circuit diagram				panel 301								26.11.2012		14.05.2010											
D				13		circuit diagram				panel 301 lights								26.11.2012		16.05.2010		D									
				14		circuit diagram				panel 301 lights								26.11.2012		16.05.2010											
				15		circuit diagram				interior lights starboard								26.11.2012		17.05.2010											
				16		circuit diagram				interior lights starboard								26.11.2012		17.05.2010											
				17		circuit diagram				interior lights portside								26.11.2012		17.05.2010											
				18		circuit diagram				interior lights portside								26.11.2012		19.05.2010											
E				19		circuit diagram				navigation lights								26.11.2012		19.05.2010		E									
				20		circuit diagram				windlass								26.11.2012		19.05.2010											
				21		circuit diagram				heater system								26.11.2012		18.05.2010											
				22		circuit diagram				compass								26.11.2012		23.02.2010											
				23		circuit diagram				navigaton								26.11.2012		23.02.2010											
				24		circuit diagram				radio								26.11.2012		23.02.2010											
F				25		circuit diagram				bilge pump								26.11.2012		23.02.2010		F									
				26		circuit diagram				fresh water pump								26.11.2012		23.02.2010											
				27		circuit diagram				waste water pump								26.11.2012		23.02.2010											
				28		circuit diagram				fridge								26.11.2012		23.02.2010											
				29		circuit diagram				bow thruster								26.11.2012		23.02.2010											
		PREVIOUS PAGE:								DRAWN BY:				DISCRPTION				NEXT PAGE: 3													
		REV		DATE		CHANGE		name				DATE		name		M.S.P. Nolte GmbH				table of contents				PROJ.-NO.:				ATTACHMENT:			
		1				normal rev.		Heino Nolte		DRAWN		26.11.2012		Ulrich Engel		Tonndorfer Hauptstr. 30								S-000.308-06_NC40EGL							
		2								CHECK		01.09.2012		Heino Nolte		D-22045 Hamburg															
		3								APPR.						Tel.: +49 (0)40 688 602 88								circuit diagram New Cruiser 40 SC40				PAGE: 2			
																												SHEET: 42			


[illegible]





F	PREVIOUS PAGE: 4						 Bavariastraße 1 D-97232 Giebelstadt www.bavaria-yachtbau.com	DRAWN BY:		DISCRIPTION		NEXT PAGE: 6				F	
	REV	DATE	CHANGE	name		DATE		name	M.S.P. Nolte GmbH Tonndorfer Hauptstr. 30 D-22045 Hamburg Tel.: +49 (0)40 688 602 88		AC distribution Source switch		PROJ.-NO.: S-000.308-06 NC40EGL		ATTACHMENT:		
	1	01.09.2012	normal rev.	Heino Nolte		DRAWN		18.05.2010	Ulrich Engel								
	2					CHECK		01.09.2012	Heino Nolte					PAGE: 5			
	3					APPR.						circuit diagram New Cruiser 40 SC40		SHEET: 42			

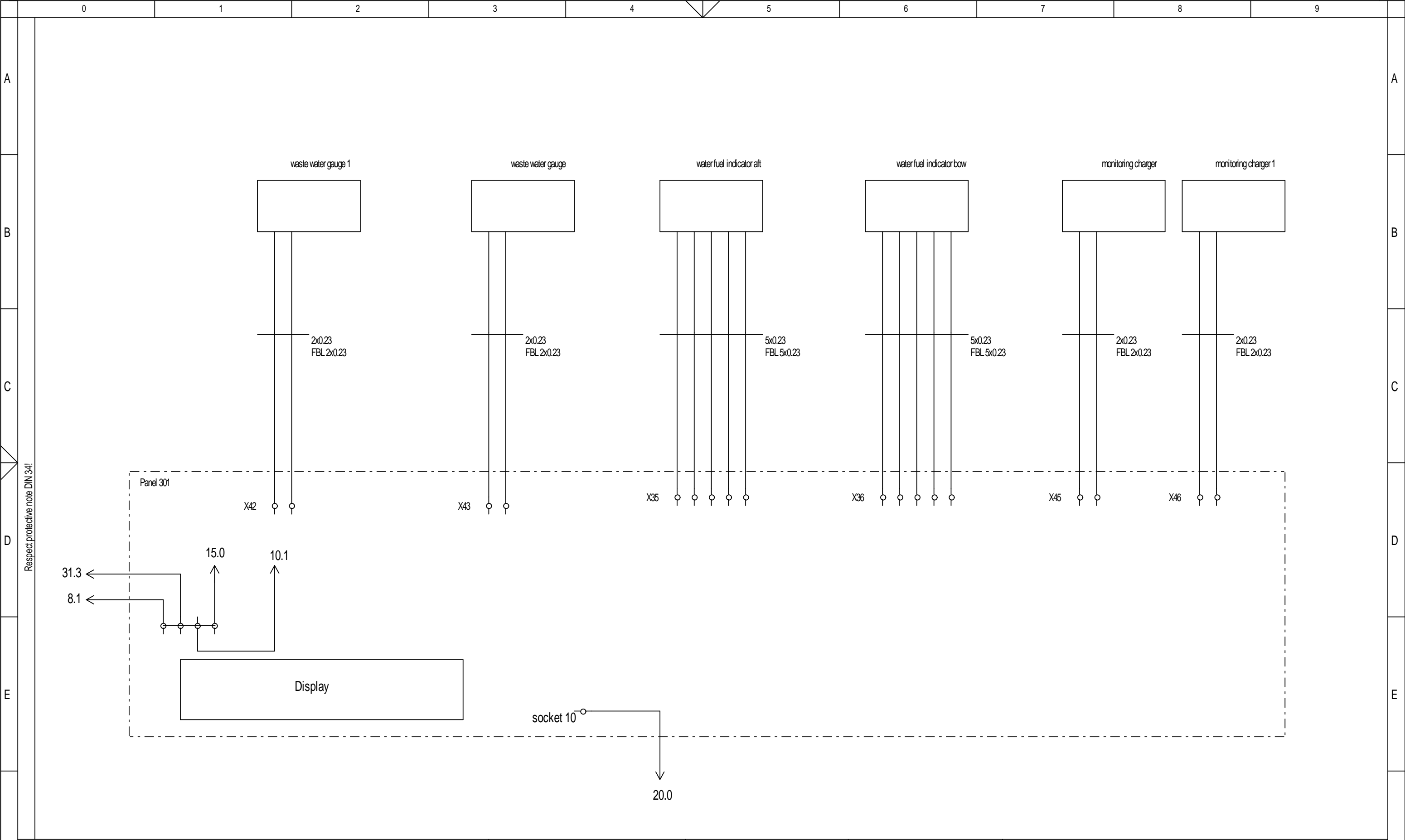


F	PREVIOUS PAGE: 5								DRAWN BY:		DISCRIPTION		NEXT PAGE: 7			
	REV	DATE	CHANGE	name		DATE	name		M.S.P. Nolte GmbH Tonndorfer Hauptstr. 30 D-22045 Hamburg Tel.: +49 (0)40 688 602 88		AC distribution Main outputs 230V		PROJ.-NO.: S-000.308-06 NC40EGL		ATTACHMENT:	
	1	01.09.2012	normal rev.	Heino Nolte	DRAWN	18.05.2010	Ulrich Engel									
	2				CHECK	01.09.2012	Heino Nolte						circuit diagram New Cruiser 40 SC40		PAGE: 6	
	3				APPR.										SHEET: 42	



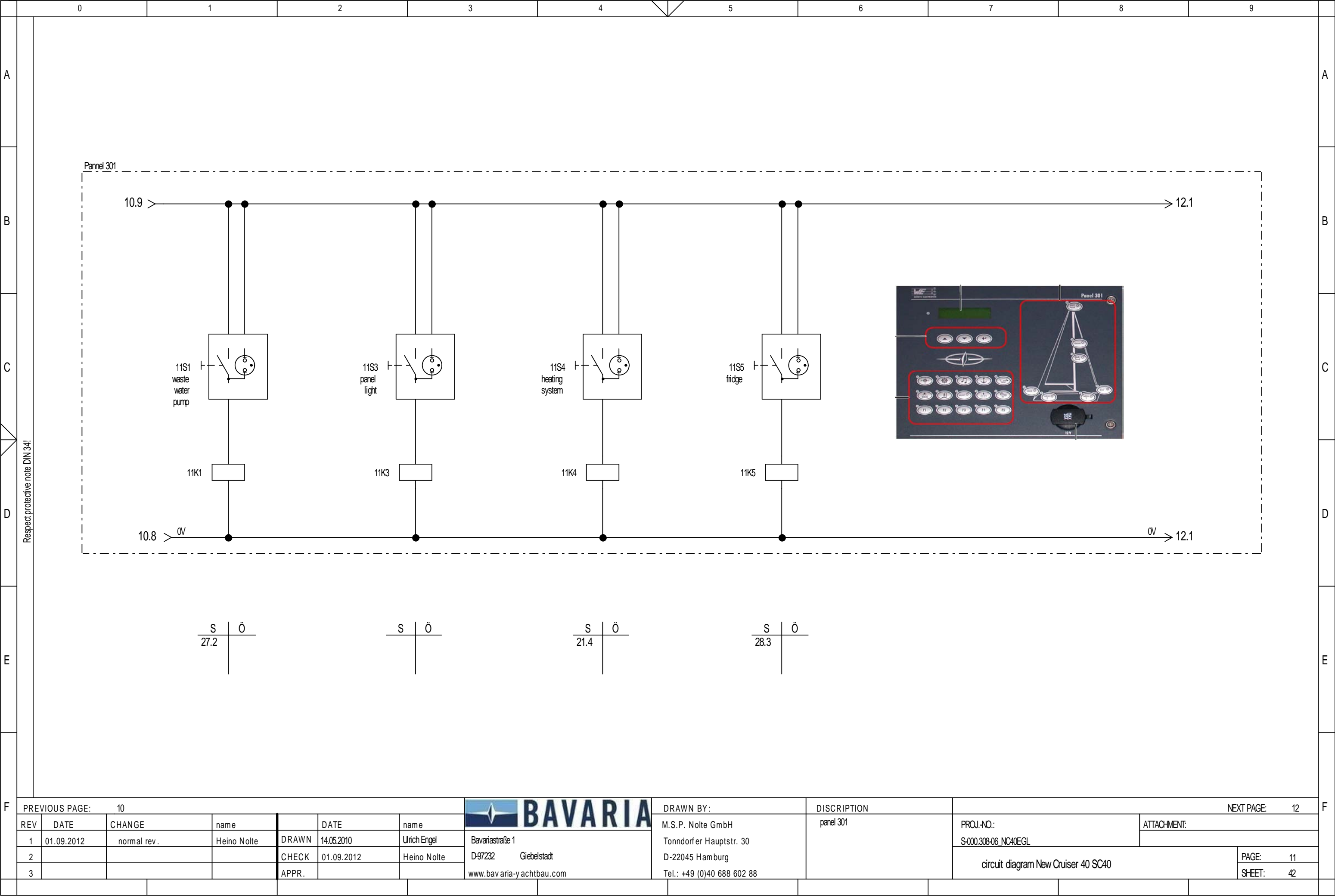


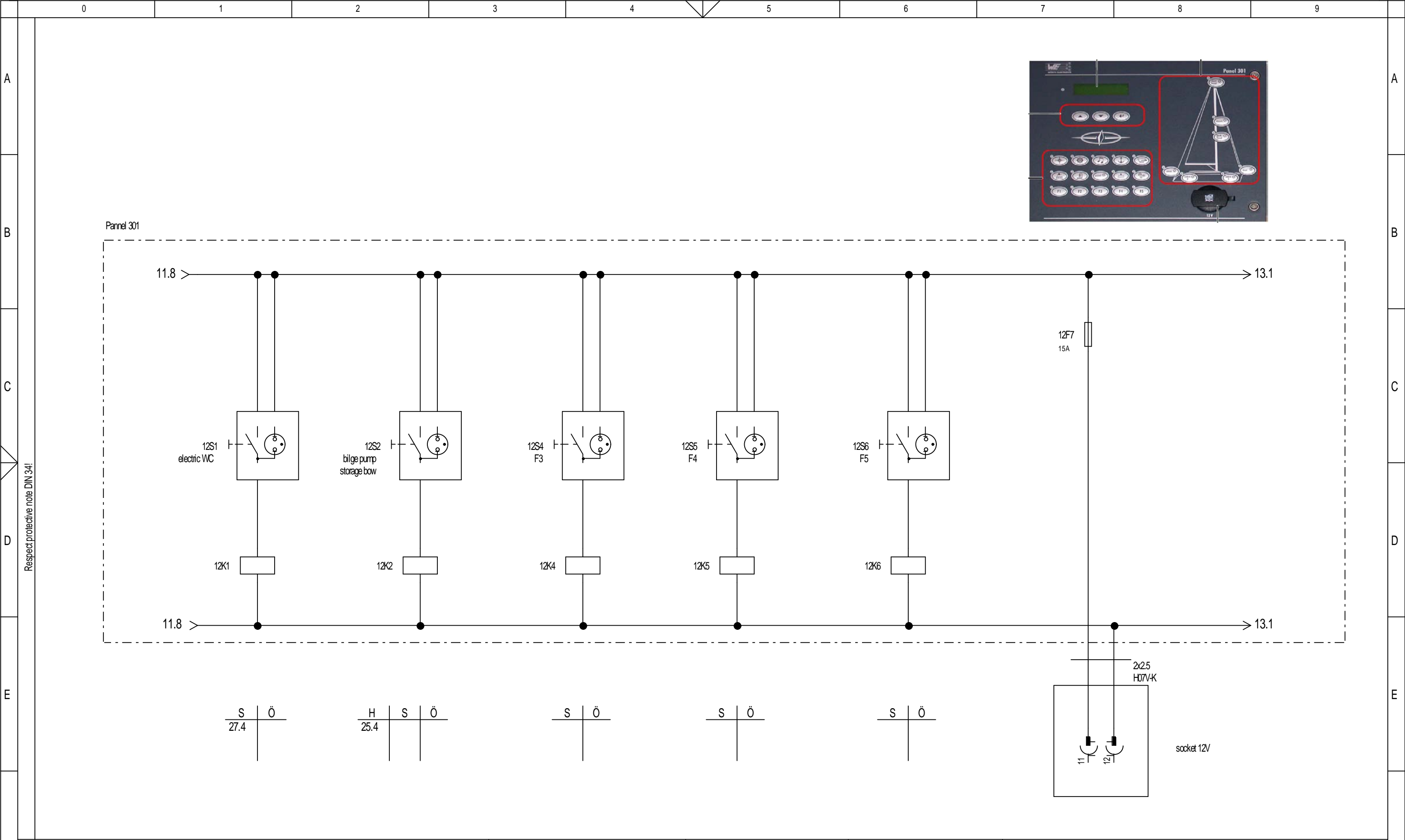




PREVIOUS PAGE: 8							DRAWN BY:			DISCRIPTION		NEXT PAGE: 10	
REV	DATE	CHANGE	name		DATE	name	M.S.P. Nolte GmbH		inputs Panel 301		PROJ.-NO.:		ATTACHMENT:
1	01.09.2012	normal rev.	Heino Nolte	DRAWN	16.05.2010	Ulrich Engel	Tonndorfer Hauptstr. 30				S-000.308-06_NC40EGL		
2				CHECK	01.09.2012	Heino Nolte	D-22045 Hamburg				circuit diagram New Cruiser 40 SC40		PAGE: 9
3				APPR.			Tel.: +49 (0)40 688 602 88						SHEET: 42

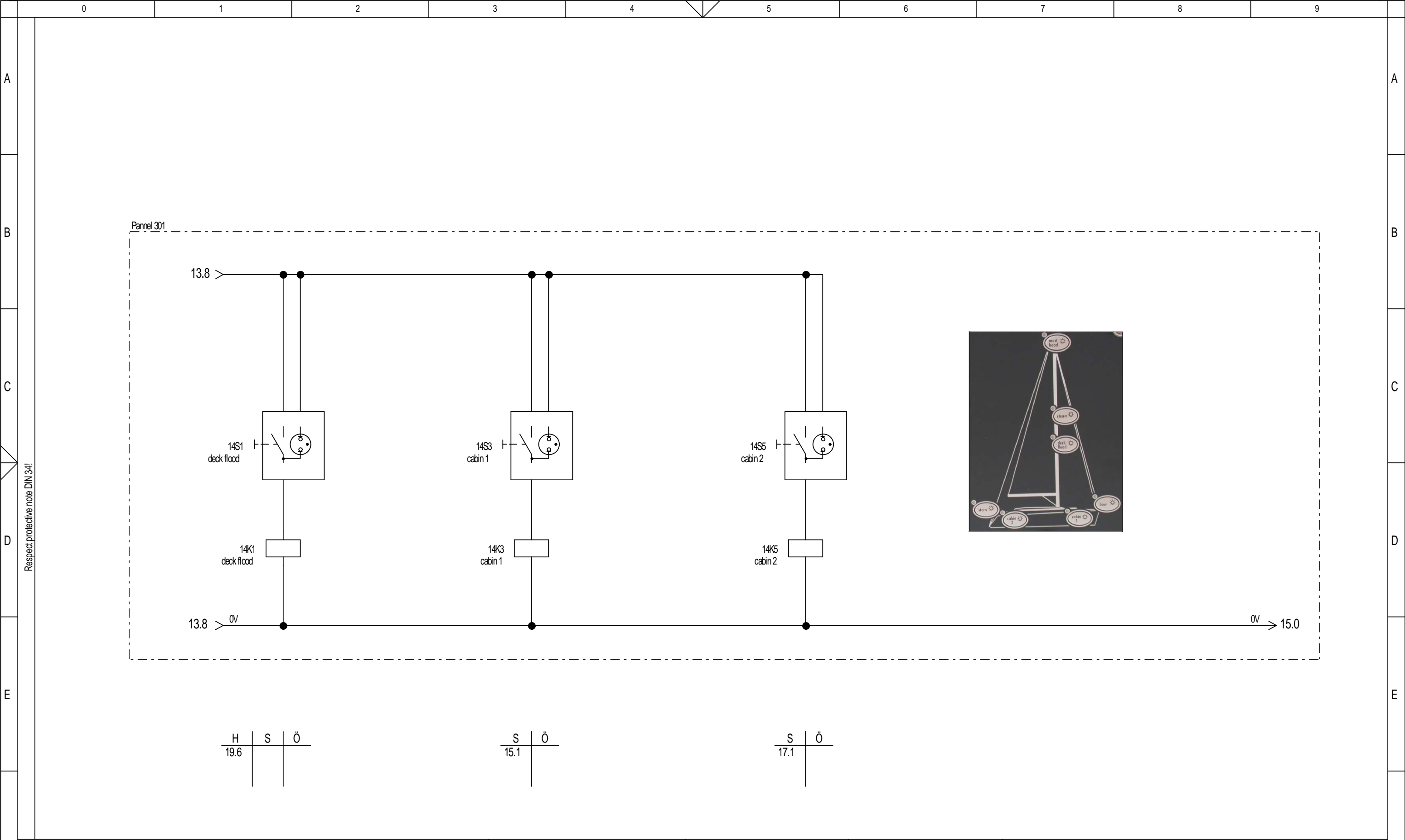




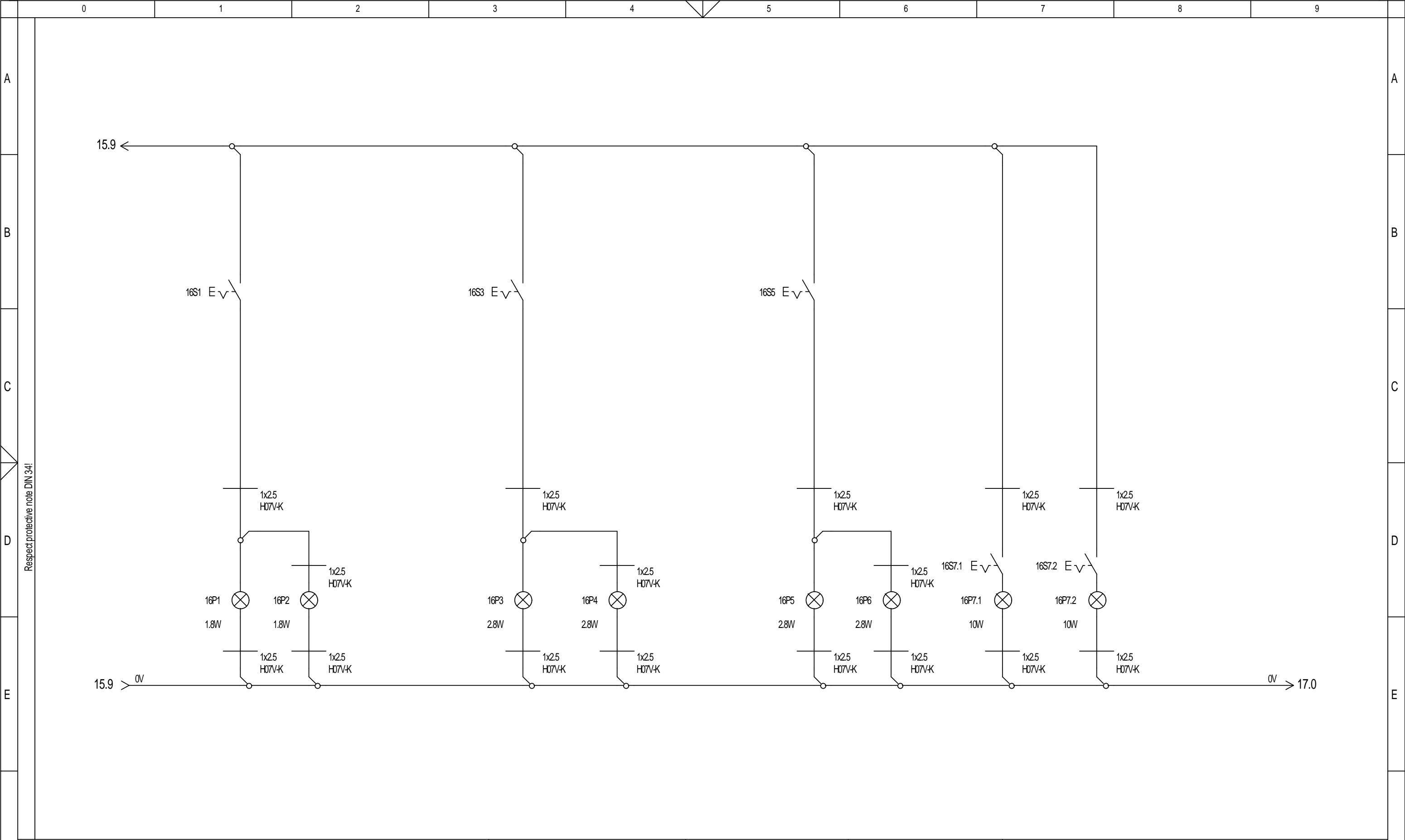



PREVIOUS PAGE: 11							DRAWN BY:		DISCRIPTION		NEXT PAGE: 13	
REV	DATE	CHANGE	name		DATE	name	M.S.P. Nolte GmbH		panel 301		PROJ.-NO:	
1	01.09.2012	normal rev.	Heino Nolte	DRAWN	14.05.2010	Ulrich Engel	Tonndorfer Hauptstr. 30				S-000.308-06 NC40EGL	
2				CHECK	01.09.2012	Heino Nolte	D-22045 Hamburg				ATTACHMENT:	
3				APPR.			Tel.: +49 (0)40 688 602 88				circuit diagram New Cruiser 40 SC40	
											PAGE:	12
											SHEET:	42



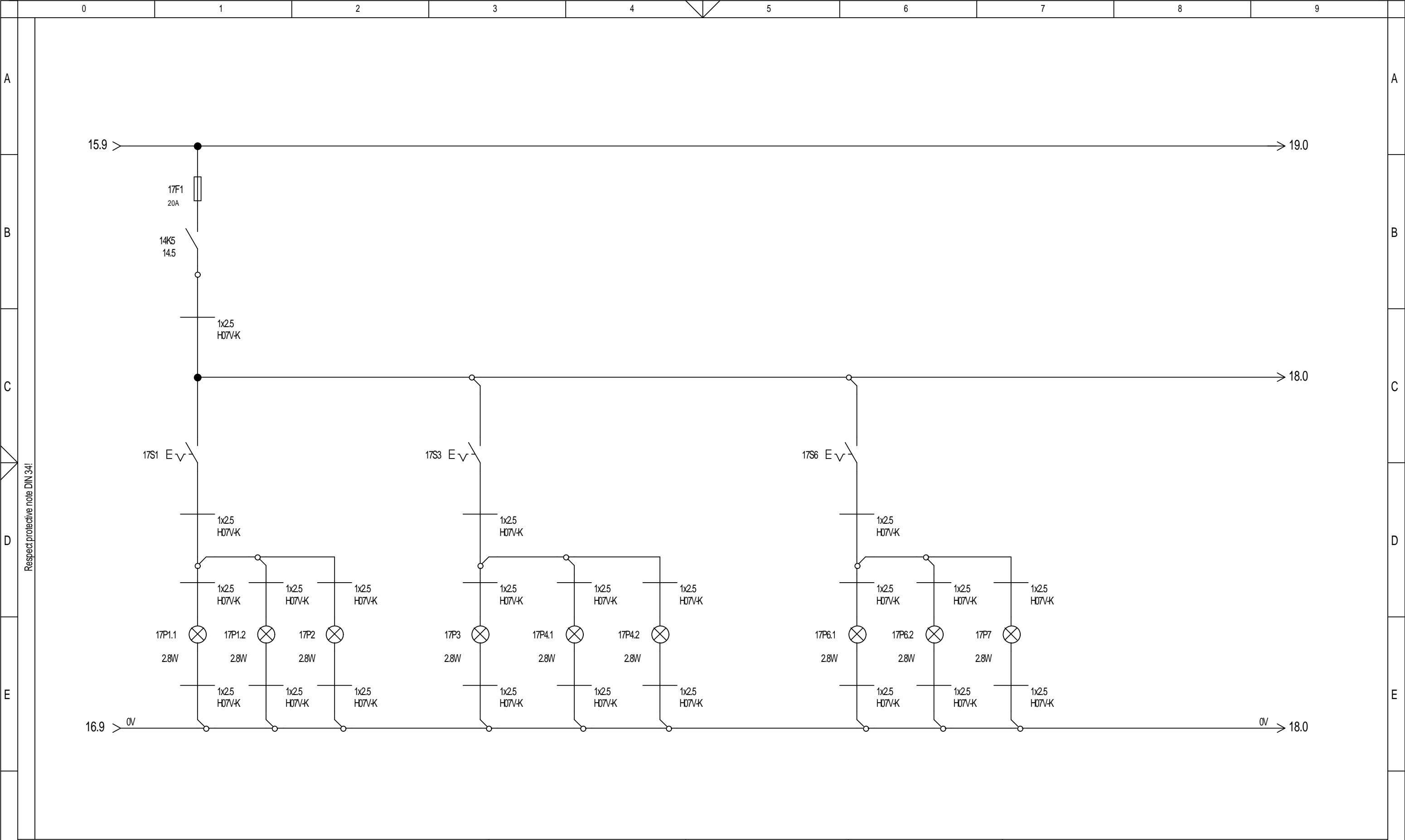





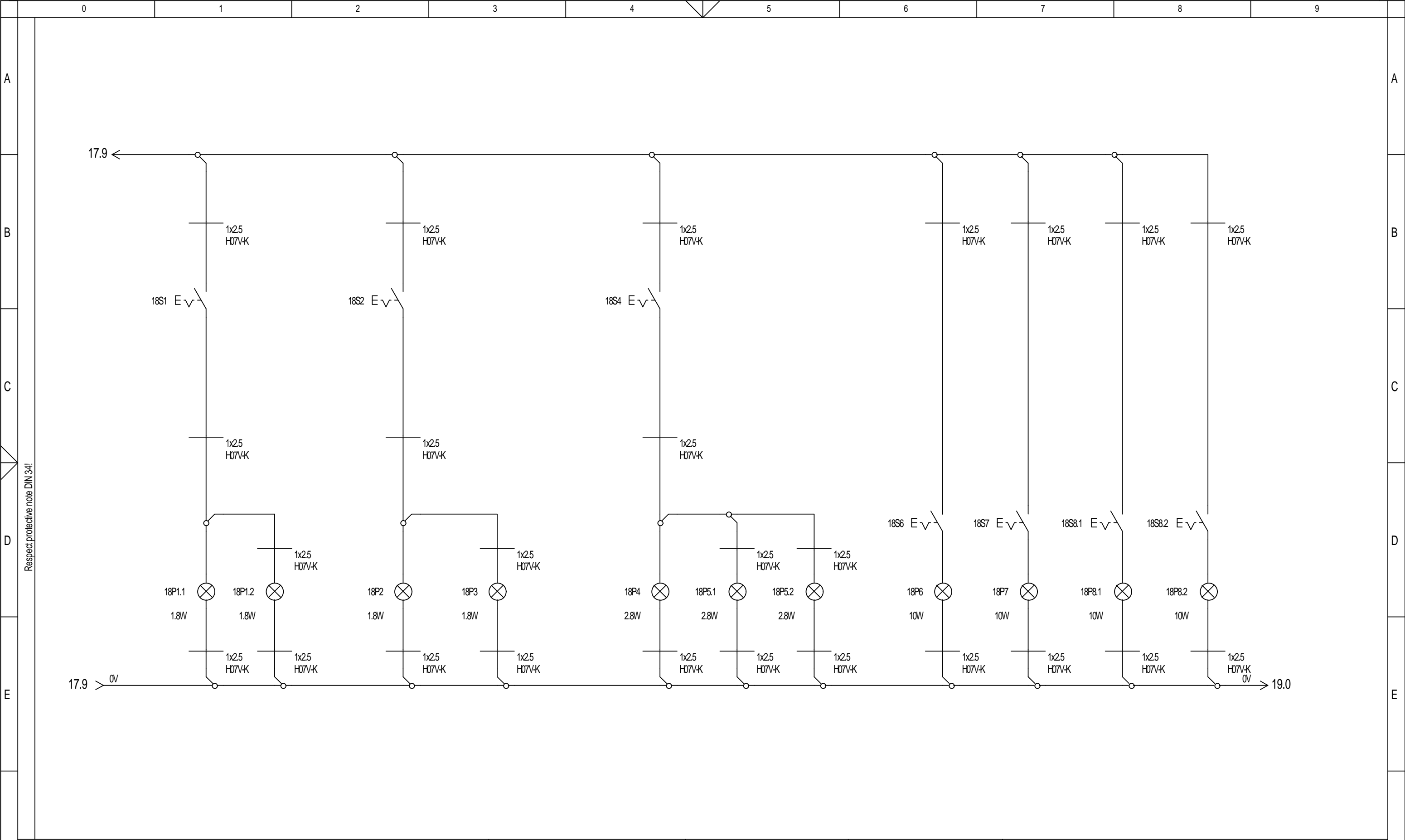


F	PREVIOUS PAGE: 15						 <b>BAVARIA</b>  Bavariastraße 1 D-97232 Giebelstadt www.bavaria-yachtbau.com	DRAWN BY:		DISCRIPTION		NEXT PAGE: 17					
	REV	DATE	CHANGE	name		DATE		name	M.S.P. Nolte GmbH		interior lights starboard		PROJ.-NO.: S-000.308-06 NC40EGL		ATTACHMENT:		
	1	01.09.2012	normal rev.	Heino Nolte	DRAWN	17.05.2010		Ulrich Engel	Tonndorfer Hauptstr. 30								
	2				CHECK	01.09.2012		Heino Nolte	D-22045 Hamburg				circuit diagram New Cruiser 40 SC40		PAGE: 16		
	3				APPR.				Tel.: +49 (0)40 688 602 88						SHEET: 42		

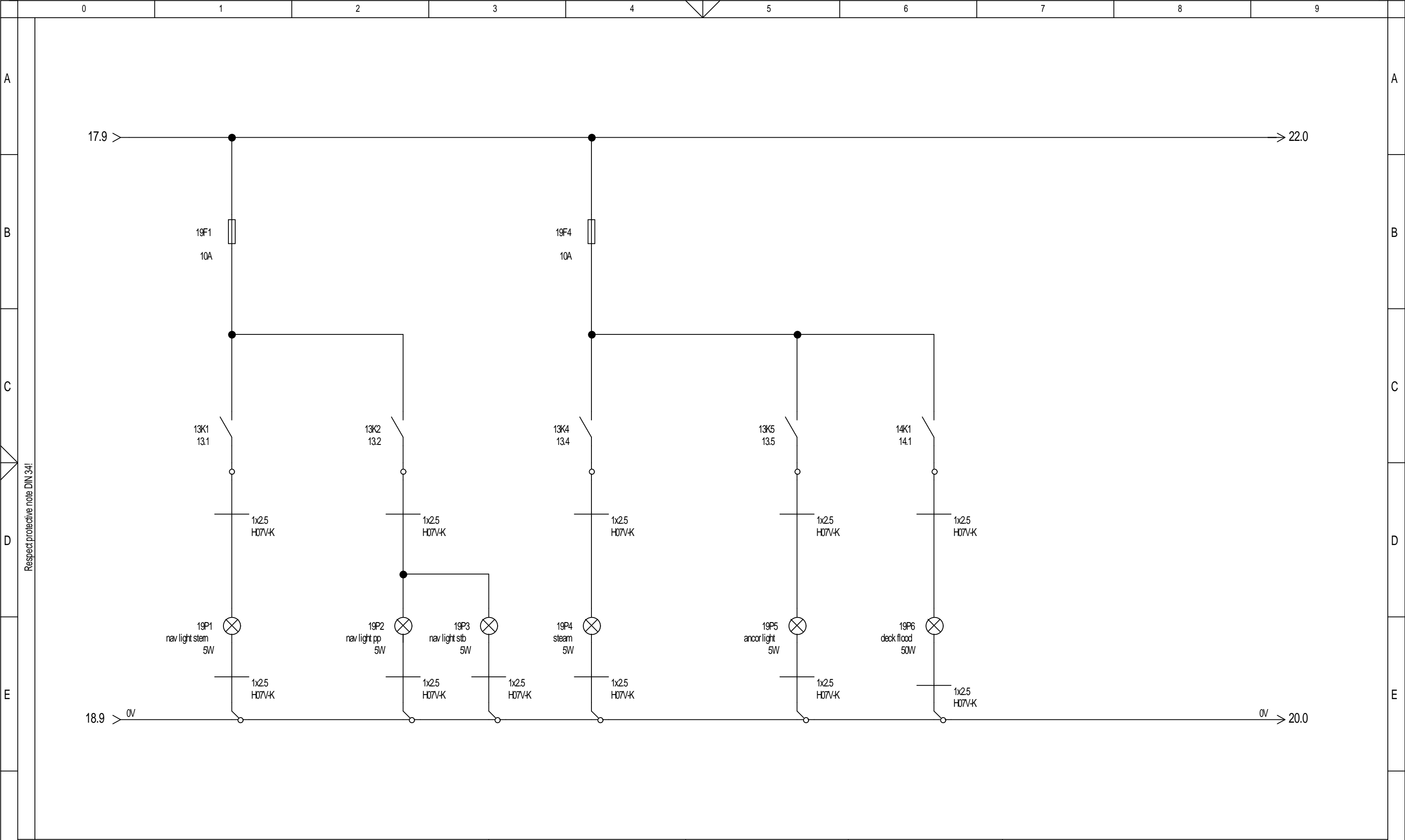





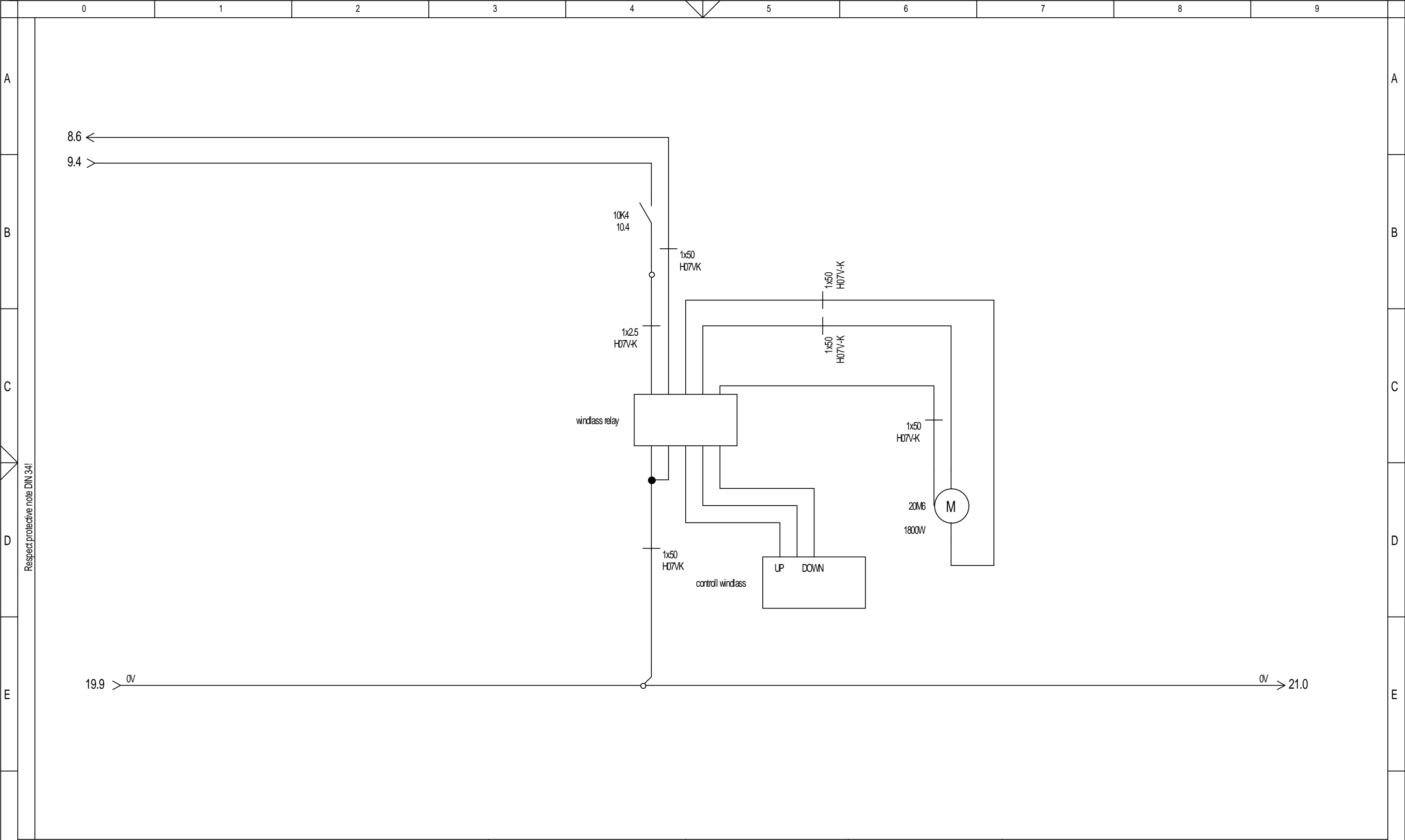
F	PREVIOUS PAGE: 16						 <b>BAVARIA</b>  Bavariastraße 1 D-97232 Giebelstadt www.bavaria-yachtbau.com	DRAWN BY:		DISCRIPTION		NEXT PAGE: 18				F	
	REV	DATE	CHANGE	name		DATE		name	M.S.P. Nolte GmbH		interior lights portside		PROJ.-NO.: S-000.308-06 NC40EGL		ATTACHMENT:		
	1	01.09.2012	normal rev.	Heino Nolte	DRAWN	17.05.2010		Ulrich Engel	Tonndorfer Hauptstr. 30								
	2				CHECK	01.09.2012		Heino Nolte	D-22045 Hamburg				circuit diagram New Cruiser 40 SC40		PAGE: 17		
	3				APPR.				Tel.: +49 (0)40 688 602 88						SHEET: 42		




PREVIOUS PAGE: 17							DRAWN BY:		DISCRIPTION		NEXT PAGE: 19	
REV	DATE	CHANGE	name		DATE	name	M.S.P. Nolte GmbH		interior lights portside		PROJ.-NO.:	ATTACHMENT:
1	01.09.2012	normal rev.	Heino Nolte	DRAWN	19.05.2010	Ulrich Engel	Tonndorfer Hauptstr. 30				S-000.308-06 NC40EGL	
2				CHECK	01.09.2012	Heino Nolte	D-22045 Hamburg				circuit diagram New Cruiser 40 SC40	
3				APPR.			Tel.: +49 (0)40 688 602 88				PAGE:	18
											SHEET:	42



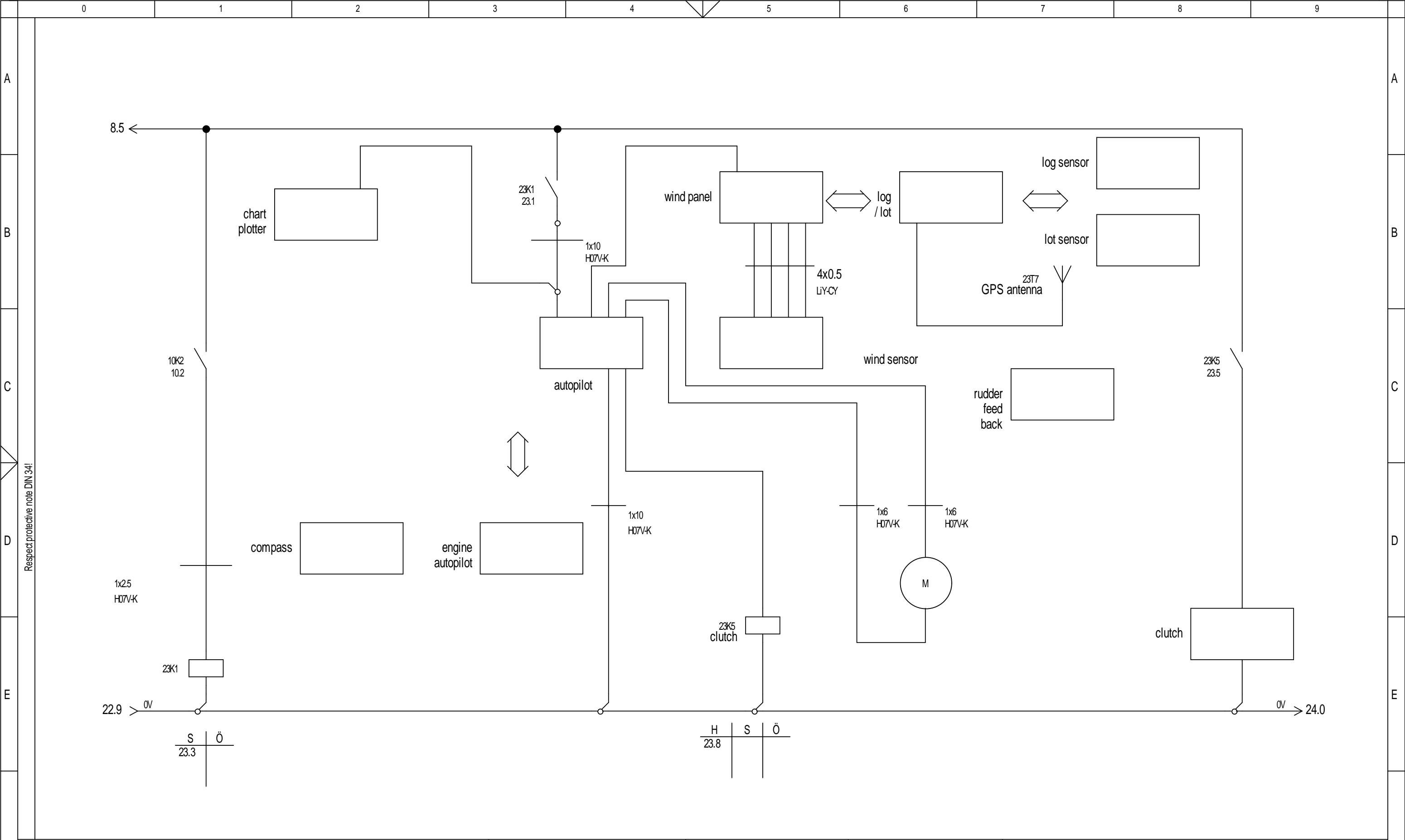
F	PREVIOUS PAGE: 18								DRAWN BY:		DISCRIPTION		NEXT PAGE: 20			
	REV	DATE	CHANGE	name		DATE	name		M.S.P. Nolte GmbH Tonndorfer Hauptstr. 30 D-22045 Hamburg Tel.: +49 (0)40 688 602 88	navigation lights	PROJ.-NO.:	ATTACHMENT:				
	1	01.09.2012	normal rev.	Heino Nolte	DRAWN	19.05.2010	Ulrich Engel				S-000.308-06 NC40EGL					
	2				CHECK	01.09.2012	Heino Nolte				circuit diagram New Cruiser 40 SC40			PAGE:	19	
	3				APPR.									SHEET:		




F	PREVIOUS PAGE: 19							 <b>BAVARIA</b>  Bavariastraße 1 D-97232 Giebelstadt www.bavaria-yachtbau.com	DRAWN BY:		DISCRIPTION		NEXT PAGE: 21				F
	REV	DATE	CHANGE	name		DATE	name		M.S.P. Nolte GmbH Tonndorfer Hauptstr. 30 D-22045 Hamburg Tel.: +49 (0)40 688 602 88		windlass		PROJ.-NO.: S-000.308-06 NC40EGL		ATTACHMENT:		
	1	01.09.2012	normal rev.	Heino Nolte	DRAWN	19.05.2010	Ulrich Engel										
	2				CHECK	01.09.2012	Heino Nolte										
	3				APPR.												
												circuit diagram New Cruiser 40 SC40			PAGE: 20		
															SHEET: 42		





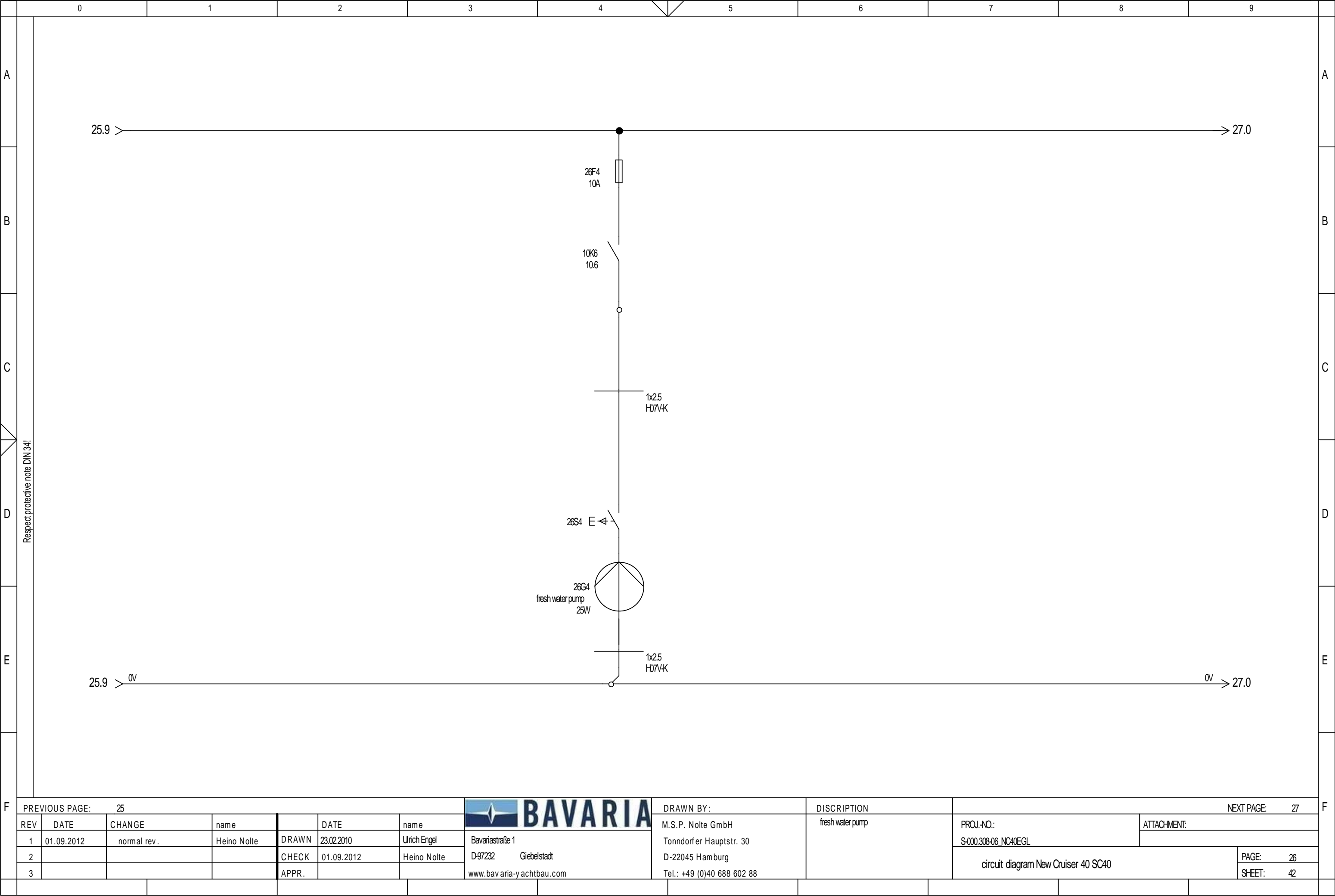


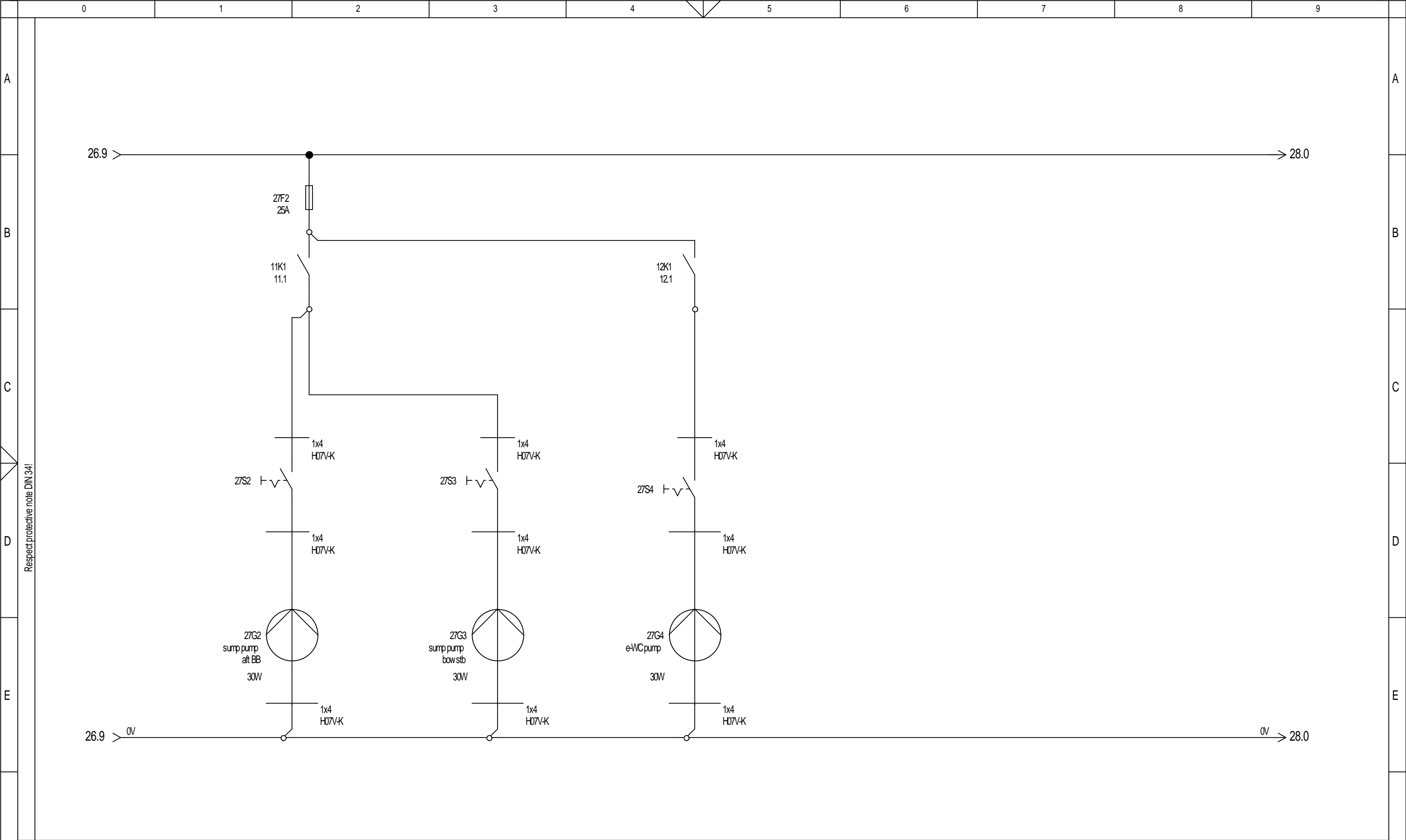
PREVIOUS PAGE: 22									DRAWN BY:		DISCRIPTION		NEXT PAGE: 24	
REV	DATE	CHANGE	name		DATE	name	Bavariastraße 1 D-97232 Giebelstadt www.bavaria-yachtbau.com		M.S.P. Nolte GmbH Tonndorfer Hauptstr. 30 D-22045 Hamburg Tel.: +49 (0)40 688 602 88		navigation		PROJ.-NO.:	ATTACHMENT:
1	01.09.2012	normal rev.	Heino Nolte	DRAWN	23.02.2010	Ulrich Engel							S-000.308-06 NC40EGL	
2				CHECK	01.09.2012	Heino Nolte							circuit diagram New Cruiser 40 SC40	
3				APPR.									PAGE: 23	
													SHEET: 42	



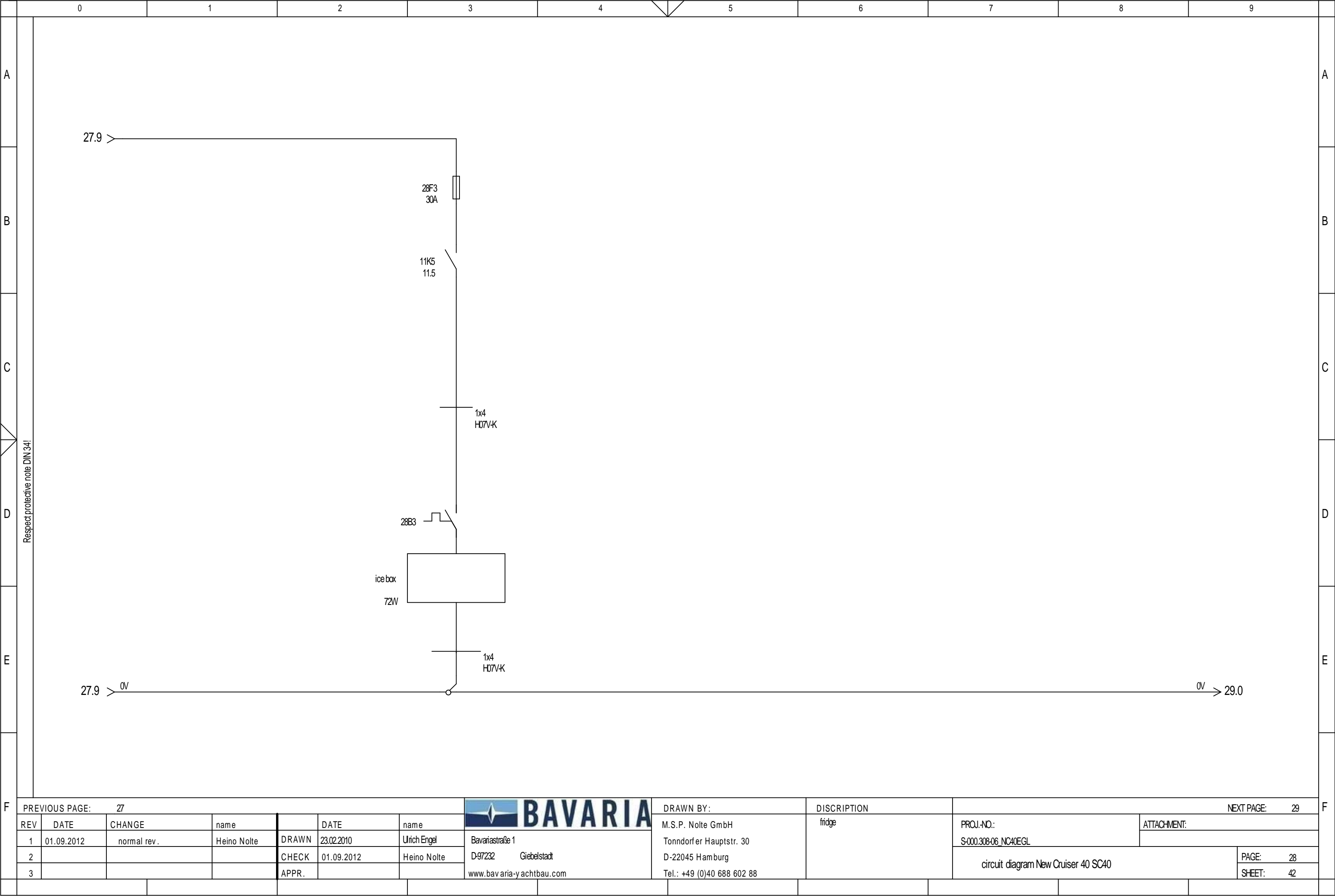


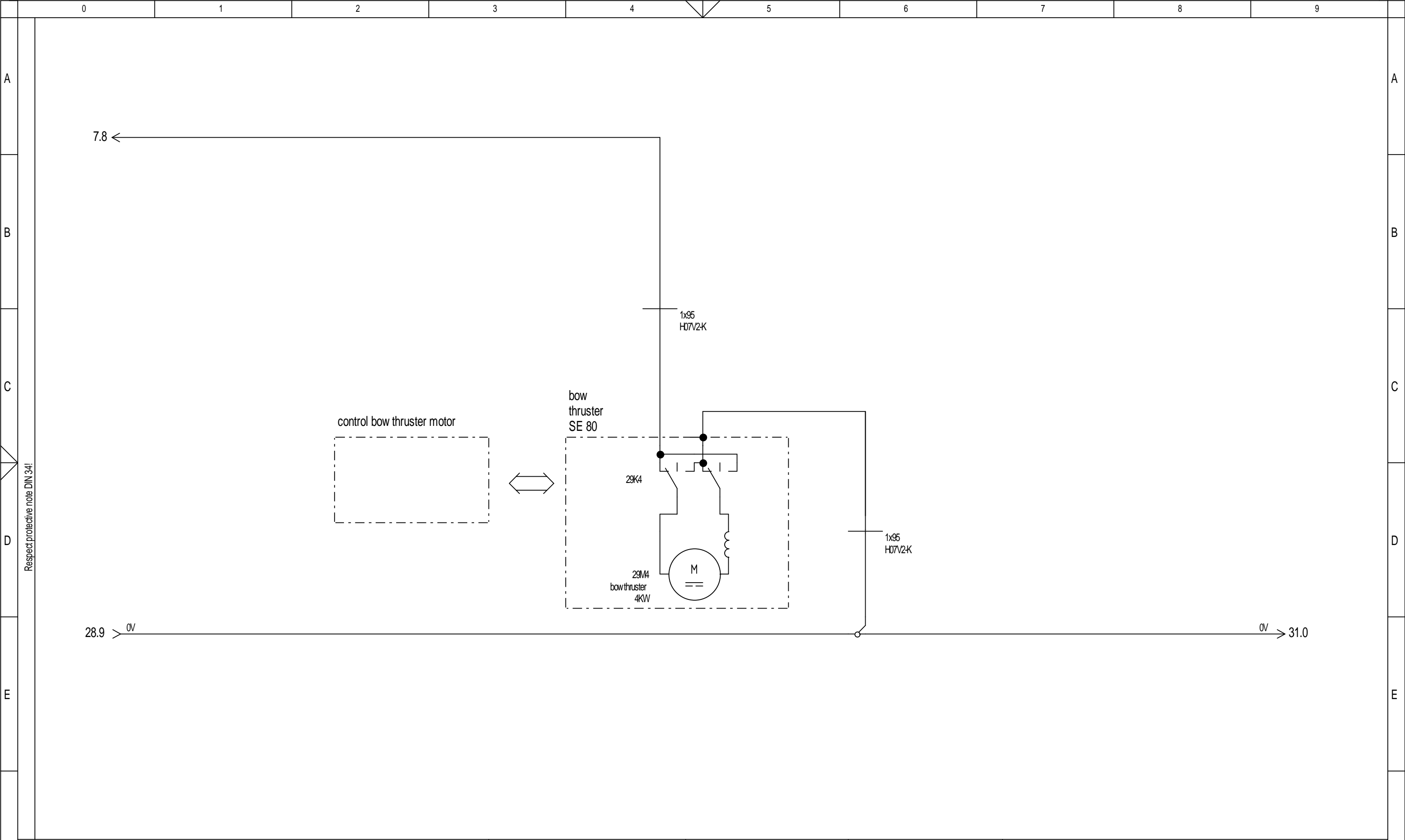









PREVIOUS PAGE: 26							DRAWN BY:		DISCRIPTION		NEXT PAGE: 28	
REV	DATE	CHANGE	name		DATE	name	M.S.P. Nolte GmbH		waste water pump		PROJ.-NO.:	ATTACHMENT:
1	01.09.2012	normal rev.	Heino Nolte	DRAWN	23.02.2010	Ulrich Engel	Tonndorfer Hauptstr. 30				S-000.308-06_NC40EGL	
2				CHECK	01.09.2012	Heino Nolte	D-22045 Hamburg				circuit diagram New Cruiser 40 SC40	
3				APPR.			Tel.: +49 (0)40 688 602 88				PAGE:	27
											SHEET:	42

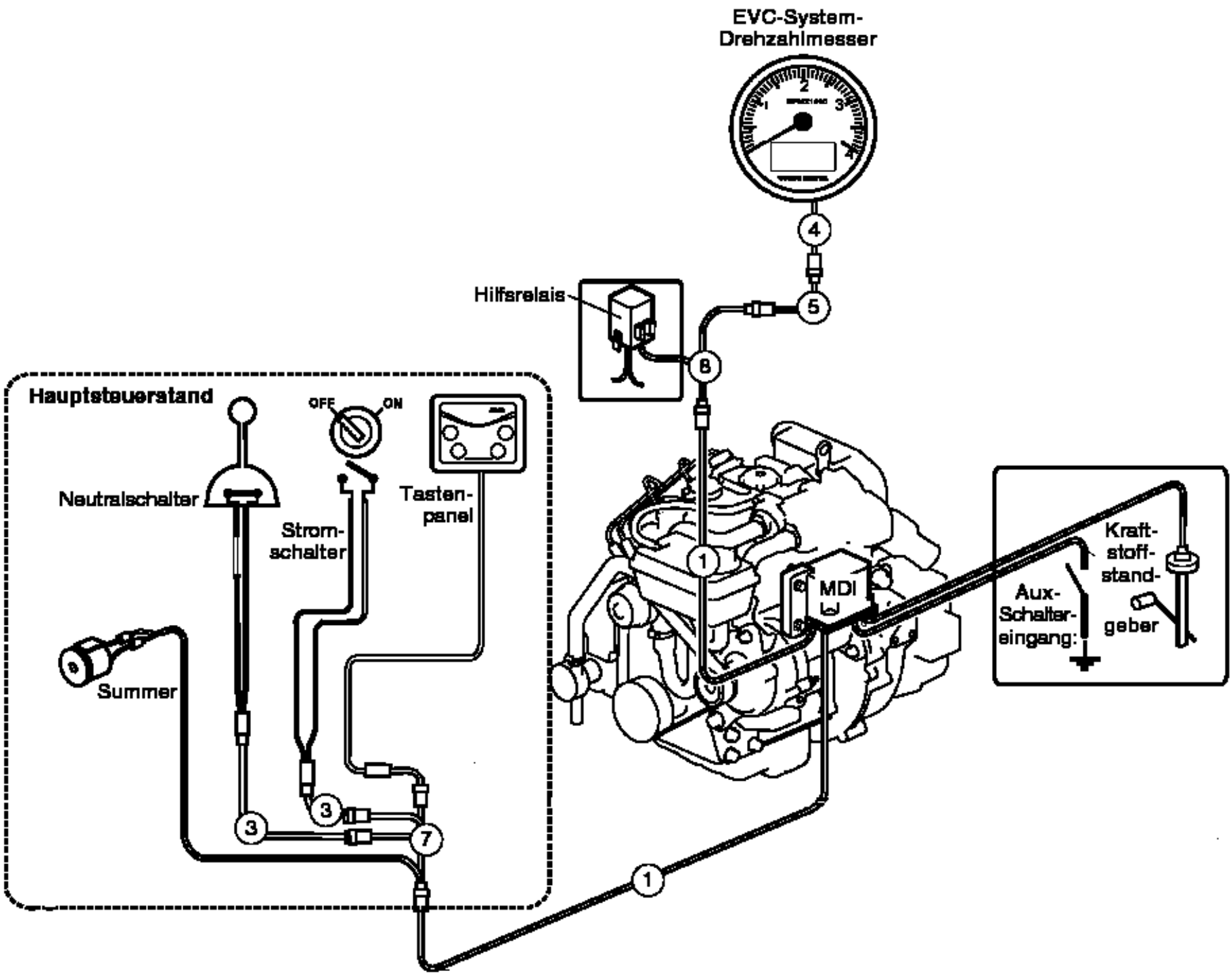




F	PREVIOUS PAGE: 28							 Bavariastraße 1 D-97232 Giebelstadt www.bavaria-yachtbau.com	DRAWN BY:		DISCRIPTION		NEXT PAGE: 30			
	REV	DATE	CHANGE	name		DATE	name		M.S.P. Nolte GmbH Tonndorfer Hauptstr. 30 D-22045 Hamburg Tel.: +49 (0)40 688 602 88		bowthruster		PROJ.-NO.: S-000.308-06 NC40EGL		ATTACHMENT:	
	1	01.09.2012	normal rev.	Heino Nolte	DRAWN	23.02.2010	Ulrich Engel									
	2				CHECK	01.09.2012	Heino Nolte						circuit diagram New Cruiser 40 SC40		PAGE: 29	
	3				APPR.										SHEET: 42	

Volvo Penta electronic

7.3 >   
7.3 > 



Respect protective note DIN 341

PREVIOUS PAGE: 29

REV	DATE	CHANGE	name	DATE	name
1	01.09.2012	normal rev.	Heino Nolte	DRAWN 24.02.2010	Ulrich Engel
2				CHECK 01.09.2012	Heino Nolte
3				APPR.	

  
Bavariastraße 1  
D-97232 Giebelstadt  
www.bavaria-yachtbau.com

DRAWN BY:  
M.S.P. Nolte GmbH  
Tonndorfer Hauptstr. 30  
D-22045 Hamburg  
Tel.: +49 (0)40 688 602 88

DISCRIPTION  
engine

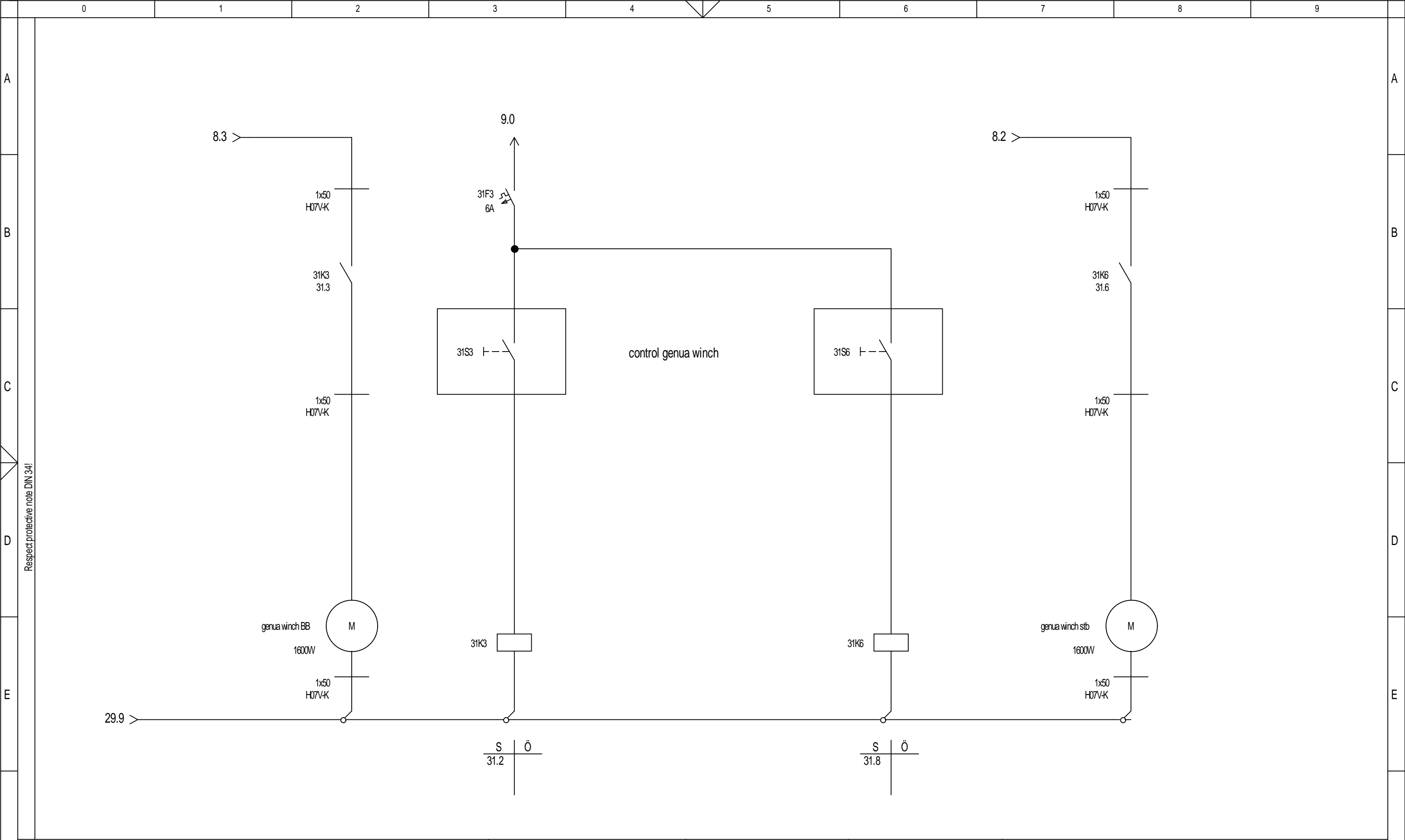
PROJ.-NO.:  
S-000.308-06 NC40EGL


circuit diagram New Cruiser 40 SC40

NEXT PAGE: 31

ATTACHMENT:

PAGE: 30  
SHEET: 42





F	PREVIOUS PAGE: 30						 <b>BAVARIA</b> Bavariastraße 1 D-97232 Giebelstadt www.bavaria-yachtbau.com	DRAWN BY:		DISCRIPTION		NEXT PAGE: 32					
	REV	DATE	CHANGE	name		DATE		name	M.S.P. Nolte GmbH Tonndorfer Hauptstr. 30 D-22045 Hamburg Tel.: +49 (0)40 688 602 88		genua winch		PROJ.-NO.: S-000.308-06 NC40EGL		ATTACHMENT:		
	1	04.09.2010	cross section	Jan-Ole Witt	DRAWN	24.02.2010		Ulrich Engel									
	2	17.06.2011	cross section	Jan-Ole Witt	CHECK	01.09.2012		Heino Nolte					circuit diagram New Cruiser 40 SC40		PAGE: 31		
	3				APPR.										SHEET: 42		










		0		1		2		3		4		5		6		7		8		9			
A		cable list																				A	
		object 1 (to external)		cabel-identifier.		description / funktion		cabel type		cross-section		color		length		sheet		path		objekt 2 (from internal)			
		27G2		aft cable		shower drain pump		H07V-K		4		RD		4.55		27		2		27S2			
		27S3		aft cable		shower drain pump		H07V-K		4		RD		4.55		27		3		XP			
B		X21:2		aft cable1		fresh water pump		H07V-K		2.5		BK		9.1		26		4		26G4		B	
		26S4		aft cable 2		fresh water pump		H07V-K		2.5		VT		9.1		26		4		XP:9			
		27S2		aft cable 3		shower drain pump		H07V-K		4		RD		10.5		27		2		XP			
		X21:3		aft cable 3		shower drain pump		H07V-K		4		BK		10.5		27		2		27G2			
C		27G3		aft cable 4		shower drain pump		H07V-K		4		RD		4.55		27		3		27S3		C	
		X21:4		aft cable 4		shower drain pump		H07V-K		4		BK		4.55		27		3		27G3			
		X35:6		aft cable 5		fuel gauge		FBL 5x0.23						7.3		9		4		water fuel indicator aft			
		X35:7		aft cable 5		fuel gauge		FBL 5x0.23						7.3		9		4		water fuel indicator aft			
D		X35:8		aft cable 5		fuel gauge		FBL 5x0.23						7.3		9		5		water fuel indicator aft		D	
		X35:9		aft cable 5		fuel gauge		FBL 5x0.23						7.3		9		5		water fuel indicator aft			
		X35:10		aft cable 5		fuel gauge		FBL 5x0.23						7.3		9		5		water fuel indicator aft			
		X42:1		aft cable 6		waste water gauge		FBL 2x0.23		0.23		BU		5.8		9		1		waste water gauge 1			
E		X42:2		aft cable 6		waste water gauge		FBL 2x0.23		0.23		BN		5.8		9		2		waste water gauge 1		E	
		X43:1		aft cable 7		waste water gauge		FBL 2x0.23		0.23		BU		5.8		9		3		waste water gauge			
		X43:2		aft cable 7		waste water gauge		FBL 2x0.23		0.23		BN		5.8		9		3		waste water gauge			
		X14:1		aft cable 8		compass		H05V-K		1		BN		6		22		3		XP:8			
F		X21:7		aft cable 8		compass		H05V-K		1		BK		6		22		3		22P3		F	
		X21:8		aft cable 8		compass		H05V-K						6		22		5		22P5			
		X35:11		aft cable 9		12V socket		H07V-K		2.5		GY		8.85		12		7		12F7:2			
		X35:12		aft cable 9		12V socket		H07V-K		2.5		BK		8.85		12		8		0V			
G		windlass relay		ancor-		supply ancor		H07V-K		50		BK		7.2		20		5		20M6		G	
		windlass relay		ancor+		supply ancor		H07V-K		50		RD		7.2		20		5		20M6			
		20M6		ancor+1		supply engine		H07V-K		50		RD		0.2		20		6		windlass relay			
		X batt1:1		Batt1/main switch		batt1/ main switch		H07V-K		95		RD		1.56		7		4		7S4			
H		X16:5		Batt2-/allocation		batt2-/allocation		H07V-K		120		BK		2.76		7		2		X batt2:-1		H	
		7G6:+D		batt+		batt+		H07V-K		2.5		PK		3		7		5		batt2			
		7G6:-		batt+		batt+		H07V-K		2.5		PK		3		7		5		batt2			
I		PREVIOUS PAGE:										 Bavariastraße 1 D-97232 Giebelstadt www.bavaria-yachtbau.com		DRAWN BY: M.S.P. Nolte GmbH Tonndorfer Hauptstr. 30 D-22045 Hamburg Tel.: +49 (0)40 688 602 88		DISCRPTION cable list		NEXT PAGE: 35 PROJ.-NO.: S-000.308-06 NC40EGL ATTACHMENT: circuit diagram New Cruiser 40 SC40 PAGE: 34 SHEET: 42					
		REV	DATE	CHANGE	name		DATE	name															
		1	01.09.2012	normal rev.	Heino Nolte		DRAWN	26.11.2012	Ulrich Engel														
		2					CHECK	01.09.2012	Heino Nolte														
J		3																				J	


		0		1		2		3		4		5		6		7		8		9												
A		cable list																				A										
		object 1 (to external)		cabel-identifier.		description / funktion				cabel type		cross-section		color		length		sheet		path			objekt 2 (from internal)									
B		batt:1		Batterie 1/engine -		battery1 / engine				H07V-K		95		BK		0.56		7		3		X16:4		B								
		X55:1		bow cable		autopilot				H07V-K		10		RD		28		23		3		XP:15										
		X21:20		bow cable		autopilot				H07V-K		10		BK		28		23		4		autopilot										
		X36:1		bow cable 1		water fuel indicator				FBL 5x0.23						10.75		9		6		water fuel indicator bow										
		X36:2		bow cable 1		water fuel indicator				FBL 5x0.23						10.75		9		6		water fuel indicator bow										
		X36:3		bow cable 1		water fuel indicator				FBL 5x0.23						10.75		9		6		water fuel indicator bow										
		X36:4		bow cable 1		water fuel indicator				FBL 5x0.23						10.75		9		6		water fuel indicator bow										
		X36:5		bow cable 1		water fuel indicator				FBL 5x0.23						10.75		9		6		water fuel indicator bow										
C		X21:1		bow cable 3		bilge pump storage				H07V-K		4		BK		3.7		25		4		25G4		C								
		25G4		bow cable 3		bilge pump storage				H07V-K		4		RD		3.7		25		4		XP:11										
		28B3		bow cable 5		fridge				H07V-K		4		WH		28		28		3		11K5										
		X21:13		bow cable 5		fridge				H07V-K		4		BK		28		28		3		ice box										
		X:1		bow cable 7		thermostat heater				H07V-K		6		BK		1.8		21		4		heater										
		heater		bow cable 8		thermostat heater				H07V-K		25		RD		1.8		21		5		21P5										
		27S4		bow cable 30		autopilot				H07V-K		4		RD		28		27		4		XP:12										
		27G4		bow cable 30		autopilot				H07V-K		4		RD		28		27		4		27S4										
D		X21:5		bow cable 30		autopilot				H07V-K		4		BK		28		27		4		27G4		D								
		8F2:1		C1		genua winch				H07V-K		50		RD		1		8		2		X49:1										
		PE:5		C1.1		earth				H07V-K		6		GNYE		5.6		4		9		ship earth										
		X16:6		C1.2		tank-				H07V-K		25		BK		10.55		4		8		tank:1										
		8F3:1		C2		genua winch 2				H07V-K		50		RD		1		8		3		X49:2										
		8F5:1		C3		autopilot				H07V-K		10		RD		1		8		5		X49:3										
		8F6:1		C4		windlass				H07V-K		50		RD		1		8		6		X49:4										
		8F8:1		C5		heater				H07V-K		6		RD		1		8		8		X49:4										
E		7F2:1		C6.1		charger service batt				H07V-K		16		RD		5.3		7		2		charger:Master		E								
		X batt1:2		C6.2		charge starter				H07V-K		16		RD		6.2		7		3		charger:Slave B										
				C6.3		charger batt				H07V-K		16		RD		8		7		7		charger:Slave A										
		31K3		C7.1		genua winch pp				H07V-K		50		RD		5		31		2		8F3:2										
		genua winch BB		C7.2		genua winch pp				H07V-K		50		RD		12		31		2		31K3										
F		PREVIOUS PAGE: 34										DRAWN BY:				DISCRIPTION				NEXT PAGE: 36						F						
		REV		DATE		CHANGE		name				DATE		name		M.S.P. Nolte GmbH				cable list				PROJ.-NO.:				ATTACHMENT:				
		1		01.09.2012		normal rev.		Heino Nolte		DRAWN		26.11.2012		Ulrich Engel		Tonndorfer Hauptstr. 30								S-000.308-06_NC40EGL								
		2								CHECK		01.09.2012		Heino Nolte		D-22045 Hamburg				circuit diagram New Cruiser 40 SC40				PAGE: 35								
		3								APPR.						Tel.: +49 (0)40 688 602 88								SHEET: 42								

		0		1		2		3		4		5		6		7		8		9							
A		cable list																				A					
		object 1 (to external)		cabel-identifier.		description / funktion				cabel type		cross-section		color	length	sheet	path	objekt 2 (from internal)									
		31K6		C7.3		genua winch stb				H07V-K		50		RD	6	31	8	8F2.2									
		genua winch stb		C7.4		genua winch stb				H07V-K		50		RD	6.2	31	8	31K6									
		X21:18		C7.5		genua winch pp				H07V-K		50		BK	12	31	2	genua winch BB									
B		X21:19		C7.6		genua winch stb				H07V-K		50		BK	6.2	31	8	genua winch stb									
		29K4		C10.1		bowth. engine+				H07V2-K		95		RD	2.8	29	4	7S8									
		7F8.1		C10.2		fuse/main switch				H07V2-K		95		RD	2.4	7	8	7S8									
		Xbowbatt.1		C10.3		bowth. batt.+fuse				H07V2-K		95		RD	0.4	7	8	7F8.2									
		X21:17		C10.4		charge bowthruster				H07V2-K		95		BK	1.7	29	6										
C		XL80		C11		light cable				H07V-K		2.5		WH		17	6	17S6									
		17P6.1		C11		light cable				H07V-K		2.5		WH		17	6	XL80									
		17P6.2		C11		light cable				H07V-K		2.5		WH		17	6	XL83									
		17P7		C11		light cable				H07V-K		2.5		WH		17	7	XL83									
		XL28		C11		light cable				H07V-K		2.5		BK		17	6	17P6.1									
D		XL29		C11		light cable				H07V-K		2.5		BK		17	6	17P6.2									
		XL30		C11		light cable				H07V-K		2.5		BK		17	7	17P7									
		XL79		C12		light cable				H07V-K		2.5		WH		17	3	17S3									
		17P3		C12		light cable				H07V-K		2.5		WH		17	3	XL79									
		17P4.1		C12		light cable				H07V-K		2.5		WH		17	4	XL82									
E		17P4.2		C12		light cable				H07V-K		2.5		WH		17	4	XL82									
		XL25		C12		light cable				H07V-K		2.5		BK		17	3	17P3									
		XL26		C12		light cable				H07V-K		2.5		BK		17	4	17P4.1									
		XL27		C12		light cable				H07V-K		2.5		BK		17	4	17P4.2									
		XL78		C13		light cable				H07V-K		2.5		WH		17	1	17S1									
F		XL22		C13		light cable				H07V-K		2.5		BK		17	1	17P1.1									
		17P1.2		C13		light cable				H07V-K		2.5		WH		17	1	XL81									
		17P2		C13		light cable				H07V-K		2.5		WH		17	2	XL81									
		XL23		C13		light cable				H07V-K		2.5		BK		17	1	17P1.2									
		XL24		C13		light cable				H07V-K		2.5		BK		17	2	17P2									
17P1.1		C13		light cable				H07V-K		2.5		WH		17	1	XL78											
Respect protective note DIN 341																											
F		PREVIOUS PAGE: 35														DRAWN BY:			DISCRPTION			NEXT PAGE: 37				F	
REV	DATE	CHANGE		name		DATE	name					M.S.P. Nolte GmbH			cable list			PROJ.-NO.:			ATTACHMENT:						
1	01.09.2012	normal rev.		Heino Nolte	DRAWN	26.11.2012	Ulrich Engel	Bavariastraße 1				Tonndorfer Hauptstr. 30						S-000.308-06 NC40EGL									
2					CHECK	01.09.2012	Heino Nolte	D-97232 Giebelstadt				D-22045 Hamburg			circuit diagram New Cruiser 40 SC40			PAGE:		36							
3					APPR.			www.bavaria-yachtbau.com				Tel.: +49 (0)40 688 602 88						SHEET:		42							


		0		1		2		3		4		5		6		7		8		9					
A		cable list																				A			
		object 1 (to external)		cabel-identifier.		description / funktion				cabel type		cross-section		color		length		sheet		path			objekt 2 (from internal)		
		17S1		C14		light cable				H07V-K		25		BK				17		1			XP:7		
		Mast:1		C 14.1		Mast grounding				H07V-K		50		BK		0.5		4		7			grounding kiel:1		
B		XL-60		C15		light cable				H07V-K		25		WH				15		1		XP:6			
		15S1.2		C16		light cable				H07V-K		25		WH				15		1		15S1.1			
		15S1.2		C16		light cable				H07V-K		25		WH				15		1		15S1.1			
		XL-66		C17		light cable				H07V-K		25		WH				15		1		15S1.2			
C		XL-1		C17		light cable				H07V-K		25		BK				15		1		15P1			
		XL-2		C17		light cable				H07V-K		25		BK				15		2		15P2			
		XL-4		C17		light cable				H07V-K		25		BK				15		3		15P3			
		XL-6		C17		light cable				H07V-K		25		BK				15		4		15P4			
D		XL-67		C18		light cable				H07V-K		25		WH				15		5		14S5			
		XL-7		C18		light cable				H07V-K		25		BK				15		5		15P5			
		XL-8		C18		light cable				H07V-K		25		BK				15		6		15P6			
		XL-9		C18		light cable				H07V-K		25		BK				15		7		15P7			
E		XL-11		C18		light cable				H07V-K		25		BK				15		8		15P8.1			
		XL-12		C18		light cable				H07V-K		25		BK				15		8		15P8.2			
		XL-84		C19		light cable				H07V-K		25		WH				18		1		18S1			
		18S1		C19		light cable				H07V-K		25		WH				18		1		XL:57			
F		18P1.2		C19		light cable				H07V-K		25		WH				18		1		XL:84			
		XL-31		C19		light cable				H07V-K		25		BK				18		1		18P1.1			
		XL-32		C19		light cable				H07V-K		25		BK				18		1		18P1.2			
		XL-85		C20		light cable				H07V-K		25		WH				18		2		18S2			
G		18S2		C20		light cable				H07V-K		25		WH				18		2		XL:58			
		18P3		C20		light cable				H07V-K		25		WH				18		3		XL:85			
		XL-33		C20		light cable				H07V-K		25		BK				18		2		18P2			
		XL-34		C20		light cable				H07V-K		25		BK				18		3		18P3			
H				C20.1		shore				H07V-K		25		BN		5		4		2		4F:2.2			
		X1:6		C20.1		shore				H07V-K		25		GNYE		5		4		2		4F:2.4			
		X1:5		C20.1		shore				H07V-K		25		BU		5		4		2		X PE:1			
F																								F	
PREVIOUS PAGE: 36																								NEXT PAGE: 38	
REV		DATE		CHANGE		name				DATE		name		DRAWN BY:		DISCRPTION		PROJ.-NO.:		ATTACHMENT:					
1		01.09.2012		normal rev.		Heino Nolte		DRAWN		26.11.2012		Ulrich Engel		M.S.P. Nolte GmbH		cable list		S-000.308-06 NC40EGL							
2								CHECK		01.09.2012		Heino Nolte		Tonndorfer Hauptstr. 30				circuit diagram New Cruiser 40 SC40		PAGE:		37			
3								APPR.						D-22045 Hamburg						SHEET:		42			
www.bav-aria-y-achtbau.com																									

		0	1		2		3		4		5		6		7		8		9									
A		cable list																				A						
		object 1 (to external)		cabel-identifier.		description / funktion				cabel type		cross-section		color		length		sheet		path			objekt 2 (from internal)					
B		XL:86		C21		light cable				H07V-K		25		WH				18		4		18S4		B				
		18S4		C21		light cable				H07V-K		25		WH				18		4		XL:59						
		18P5.1		C21		light cable				H07V-K		25		WH				18		5		XL:89						
		18P5.2		C21		light cable				H07V-K		25		WH				18		5		XL:89						
		XL:35		C21		light cable				H07V-K		25		BK				18		4		18P4						
		XL:36		C21		light cable				H07V-K		25		BK				18		5		18P5.1						
		XL:37		C21		light cable				H07V-K		25		BK				18		5		18P5.2						
		6X0:L1		C21.1		ACoutlet bowbb				H07V-K		1.5		BN		3		6		0		X8:1						
C		6X0:PE		C21.1		ACoutlet bowbb				H07V-K		1.5		GNYE		3		6		1		X8:2		C				
		6X0:N		C21.1		ACoutlet bowbb				H07V-K		1.5		BU		3		6		1		X8:3						
		6X4:L1		C21.2		bowBB				H07V-K		1.5		BN		32		6		4		X11:1						
		6X4:PE		C21.2		bowBB				H07V-K		1.5		GNYE		32		6		4		X11:2						
		6X4:N		C21.2		bowBB				H07V-K		1.5		BU		32		6		4		X10:3						
		XL:75		C22		light cable				H07V-K		25		WH				16		1		16S1						
		XL:13		C22		light cable				H07V-K		25		BK				16		1		16P1						
		XL:14		C22		light cable				H07V-K		25		BK				16		2		16P2						
D		16P2		C22		light cable				H07V-K		25		WH				16		2		XL:75		D				
		6X7:L1		C22.1		ACoutlet Microwave				H07V-K		1.5		BN		10.9		6		7		X9:1						
		6X7:PE		C22.1		ACoutlet Microwave				H07V-K		1.5		GNYE		10.9		6		7		X9:2						
		6X7:N		C22.1		ACoutlet Microwave				H07V-K		1.5		BU		10.9		6		7		X9:3						
		XL:76		C23		light cable				H07V-K		25		WH				16		3		16S3						
		XL:15		C23		light cable				H07V-K		25		BK				16		3		16P3						
		XL:16		C23		light cable				H07V-K		25		BK				16		4		16P4						
		16P4		C23		light cable				H07V-K		25		WH				16		4		XL:76						
E		5X8:L1		C23.1		ACoutlet aft stb				H07V-K		1.5		BN		26		5		8		X7:1		E				
		5X8:PE		C23.1		ACoutlet aft stb				H07V-K		1.5		GNYE		26		5		8		X7:2						
		5X8:N		C23.1		ACoutlet aft stb				H07V-K		1.5		BU		26		5		8		X7:3						
		XL:77		C24		light cable				H07V-K		25		WH				16		5		16S5						
		XL:17		C24		light cable				H07V-K		25		BK				16		5		16P5						
F		PREVIOUS PAGE: 37										DRAWN BY:				DISCRPTION				NEXT PAGE: 39				F				
		REV		DATE		CHANGE		name				DATE		name		M.S.P. Nolte GmbH				cable list					PROJ.-NO.:		ATTACHMENT:	
		1		01.09.2012		normal rev .		Heino Nolte		DRAWN		26.11.2012		Ulrich Engel		Tonndorfer Hauptstr. 30				S-000.308-06_NC40EGL								
		2								CHECK		01.09.2012		Heino Nolte		D-22045 Hamburg				circuit diagram New Cruiser 40 SC40					PAGE: 38			
3								APPR.						www.bavaria-yachtbau.com				Tel.: +49 (0)40 688 602 88								SHEET: 42		

		0		1		2		3		4		5		6		7		8		9															
A		cable list																				A													
		object 1 (to external)		cabel-identifier.		description / funktion				cabel type		cross-section		color		length		sheet		path			objekt 2 (from internal)												
		XL18		C24		light cable				H07V-K		25		BK				16		6			16P6												
		16P6		C24		light cable				H07V-K		25		WH				16		6			XL77												
B		5X7:L1		C24.1		AC-outlet aft BB				H07V-K		1.5		BN		28		5		7		X6:1													
		5X7:PE		C24.1		AC-outlet aft BB				H07V-K		1.5		GNYE		28		5		7		X6:2													
		5X7:N		C24.1		AC-outlet aft BB				H07V-K		1.5		BU		28		5		7		X6:3													
		X7:3		C25						H07V-K		25		RD		4.7		7		8		7F9													
C		5X6:L1		C25.1		AC-outlet bow stb				H07V-K		1.5		BN		4.55		5		6		X5:1													
		5X6:PE		C25.1		AC-outlet bow stb				H07V-K		1.5		GNYE		4.55		5		6		X5:2													
		5X6:N		C25.1		AC-outlet bow stb				H07V-K		1.5		BU		4.55		5		6		X5:3													
		X30:2		C26						H07V-K		6		RD				8		1		X49:1													
D		X30:2		C26						H07V-K		6		RD				8		1		7S2													
		5X4:L1		C26.1		AC-outlet aft BB				H07V-K		1.5		BN		9.7		5		4		X3:1													
		5X4:PE		C26.1		AC-outlet aft BB				H07V-K		1.5		GNYE		9.7		5		5		X2:14													
		5X4:N		C26.1		AC-outlet aft BB				H07V-K		1.5		BU		9.7		5		5		X2:15													
E		windlass relay		C27						H07V-K		16		RD		1.4		20		4		8F6:2													
		6X5:L1		C27.1		AC-outlet aft starboard				H07V-K		1.5		BN		0.8		6		5		X12:1													
		6X5:PE		C27.1		AC-outlet aft starboard				H07V-K		1.5		GNYE		0.8		6		5		X12:2													
		6X5:N		C27.1		AC-outlet aft starboard				H07V-K		1.5		BU		0.8		6		5		X11:3													
F		X21:9		C27.1						H07V-K		16		BK		1.4		20		4		windlass relay													
		X21:9		C27.1						H07V-K		16		BK		1.4		20		4		windlass relay													
		windlass relay		C28						H07V-K								20		4		XP:10													
		5X3:L1		C28.1		AC-outlet Boiler				H07V-K		1.5		BN		6		5		3		X2:10													
G		5X3:PE		C28.1		AC-outlet Boiler				H07V-K		1.5		GNYE		6		5		3		X2:1													
		5X3:N		C28.1		AC-outlet Boiler				H07V-K		1.5		BU		6		5		3		X2:12													
				C29		light cable				H07V-K		25		WH				18		6		XL54													
		XL38		C29		light cable				H07V-K		25		BK				18		6		18P6													
H		18S7		C30		light cable				H07V-K								18		7		XL55													
		XL39		C30		light cable				H07V-K								18		7		18P7													
		18S8.1		C31		light cable				H07V-K		25		WH				18		8		XL56													
F		PREVIOUS PAGE: 38														DRAWN BY:				DISCRPTION				NEXT PAGE: 40				F							
		REV		DATE		CHANGE		name				DATE		name		Bavariastraße 1				M.S.P. Nolte GmbH				cable list				PROJ.-NO.:				ATTACHMENT:			
		1		01.09.2012		normal rev.		Heino Nolte		DRAWN		26.11.2012		Ulrich Engel		D-97232 Giebelstadt				Tonndorfer Hauptstr. 30								S-000.308-06 NC40EGL							
		2								CHECK		01.09.2012		Heino Nolte						D-22045 Hamburg								circuit diagram New Cruiser 40 SC40				PAGE: 39			
		3								APPR.						www.bavaria-yachtbau.com				Tel.: +49 (0)40 688 602 88												SHEET: 42			

		0		1		2		3		4		5		6		7		8		9									
A		cable list																				A							
		object 1 (to external)		cabel-identifier.		description / funktion				cabel type		cross-section		color		length		sheet		path			objekt 2 (from internal)						
B		XL40		C31		light cable				H07V-K		25		BK				18		8		18P8.1							
		18S8.2		C32		light cable				H07V-K		25		WH				18		8		XL:56							
		XL41		C32		light cable				H07V-K		25		BK				18		8		18P8.2							
		16S7.1		C33		light cable				H07V-K		25		WH				16		7		XL:50							
		XL19		C33		light cable				H07V-K		25		BK				16		7		16P7.1							
B		16S7.2		C34		light cable				H07V-K		25		WH				16		7		XL:50							
		XL20		C34		light cable				H07V-K		25		BK				16		7		16P7.2							
		15P1		C37						H07V-K		25		RD				15		1		XL:66							
		15P2		C37						H07V-K		25		RD				15		2		XL:62							
		15P3		C37						H07V-K		25		RD				15		3		XL:64							
C		15P4		C37						H07V-K		25		RD				15		4		XL:64							
		15P5		C37						H07V-K		25		RD				15		5		XL:67							
		15P6		C37						H07V-K		25		RD				15		6		XL:68							
		15P7		C37						H07V-K		25		RD				15		7		XL:69							
		15P8.1		C37						H07V-K		25		RD				15		8		XL:71							
D		15P8.2		C37						H07V-K		25		RD				15		8		XL:71							
		MA		C38		engine -				H07V-K		6		BK				23		6		autopilot							
		MA		C38		engine -				H07V-K		6		RD				23		6		autopilot							
		7G6+B		C39						H07V-K		50		RD		2		7		6		X?:3							
		X16:2		C40						H07V-K		1.5		BK		2		7		9		battery isolator							
E		Xbowbatt:2		C41		diode batt				H07V-K		25		RD		6		7		7		battery isolator:2							
		TV:1		C42		TV+				H07V-K		25		RD		3		24		7		XP:16							
		X?:4		C43		TV-				H07V-K		25		BK		3		24		7		TV							
		amplifier:1		C44		TVA+				H07V-K		25		RD		3		24		9		TV							
		TV		C45		TVA-				H07V-K		25		BK		3		24		9		amplifier							
F		#00000066		charger/ - terminal		charger/ fuse				H07V-K		50		BK		5.3		7		0		charger:-							
		battery isolator:1		diode cable 2		diode/charger/battery				H07V-K		50		RD		0.9		7		4		X batt1:1							
		battery isolator:3		diode cagle 1		diode/charger/battery				H07V-K		50		RD		1		7		3		X batt2:1							
		batt:1		engine -		engine -				H07V-K		50		BK		1.76		7		4		engine intern:1							
F		PREVIOUS PAGE: 39														DRAWN BY:				DISCRPTION cable list				NEXT PAGE: 41					
		REV		DATE		CHANGE		name								DATE		name						M.S.P. Nolte GmbH Tonndorfer Hauptstr. 30 D-22045 Hamburg Tel.: +49 (0)40 688 602 88					
		1		01.09.2012		normal rev.		Heino Nolte		DRAWN		26.11.2012		Ulrich Engel		PROJ.-NO.: S-000.308-06 NC40EGL				ATTACHMENT:									
		2								CHECK		01.09.2012		Heino Nolte						circuit diagram New Cruiser 40 SC40				PAGE: 40					
		3								APPR.														SHEET: 42					



		0		1		2		3		4		5		6		7		8		9									
A		cable list																				A							
		object 1 (to external)		cabel-identifier.		description / funktion				cabel type		cross-section		color		length		sheet		path			objekt 2 (from internal)						
X21:1		fan -		fan -				H07V-K		25		BK		2		7		9		engine fan									
B		engine fan		fan+		fan+				H07V-K		25		WH				7		9		7F9							
		X batt2+2		fuse/batt2		fuse/batt2				H07V-K		120		RD		2.76		7		2		batt2							
		7Q2:1		fuse/main switch		fuse/main switch				H07V-K		120		RD		1.16		7		2		7S2							
		wind sensor		light cable		wind sensor				LiY-CY		0.5		GN		1.6		23		5		wind panel							
		wind sensor		light cable		wind sensor				LiY-CY		0.5		BU		1.6		23		5		wind panel							
C		wind sensor		light cable		wind sensor				LiY-CY		0.5		RD		1.6		23		5		wind panel							
		wind sensor		light cable		wind sensor				LiY-CY		0.5		YE		1.6		23		5		wind panel							
		heater		light cable 2		panel301/heater				H07V-K		25		RD		0.7		21		4		XP:14							
		23K1		light cable 3		panel301/Auto				H07V-K		25		RD		1.5		23		1		10K2:2							
		19P2		light cable 5		nav light stb				H07V-K		25		BK		7.8		19		2		XP:2							
D		XL-44		light cable 5		nav light stb				H07V-K		25		BK		7.8		19		3		19P3							
		XL-43		light cable 5		nav light stb				H07V-K		25		BK		7.8		19		2									
		19P1		light cable 6		nav light stb				H07V-K		25		RD		5.8		19		1		XP:1							
		XL-42		light cable 6		nav light stb				H07V-K		25		BK		5.8		19		1		19P1							
		19P4		light cable 7		light steam				H07V-K		25		RD		10.2		19		4		XP:3							
E		XL-45		light cable 7		light steam				H07V-K		25		RD		10.2		19		4		19P4							
		19P5		light cable 8		light steam				H07V-K		25		RD		8.2		19		5		XP:4							
		XL-46		light cable 8		light steam				H07V-K		25		BK		8.2		19		5		19P5							
		19P6		light cable 9		deck flood				H07V-K		25		RD		12		19		6		XP:5							
		XL-47		light cable 9		deck flood				H07V-K		25		BK		12		19		6		19P6							
F		X40:1		light cable 11		- radio				H07V-K		25		BK		1.3		24		3		radio							
		radio		light cable 11.1		switch/radio				H07V-K		25		VT		1.6		24		3		10K3:2							
		radio		light cable 11.1		switch/radio				H07V-K		25		VT		1.6		24		3		XP:16							
		X45:1		monitoring charger		monitoring battery 2				FBL 2x0.23						2		9		7		monitoring charger							
		X45:2		monitoring charger		monitoring battery 2				FBL 2x0.23						2		9		7		monitoring charger							
		X46:1		monitoring charger 1		monitoring battery 1				FBL 2x0.23		0.23				2		9		8		monitoring charger 1							
		X46:2		monitoring charger 1		monitoring battery 1				FBL 2x0.23		0.23				2		9		8		monitoring charger 1							
		21F3		permanent + heater		permanent + heater				H07V-K		25		RD		2.1		21		3		heater							
F																								F					
		PREVIOUS PAGE: 40										DRAWN BY:				DISCRPTION				NEXT PAGE: 42									
REV		DATE		CHANGE		name				DATE		name		M.S.P. Nolte GmbH				cable list				PROJ.-NO.:				ATTACHMENT:			
1		01.09.2012		normal rev.		Heino Nolte		DRAWN		26.11.2012		Ulrich Engel		Bavariastraße 1				Tonndorfer Hauptstr. 30				S-000.308-06 NC40EGL							
2								CHECK		01.09.2012		Heino Nolte		D-97232 Giebelstadt				D-22045 Hamburg				circuit diagram New Cruiser 40 SC40				PAGE: 41			
3								APPR.						www.bav ari a-y achtbau.com				Tel.: +49 (0)40 688 602 88								SHEET: 42			

		0		1		2		3		4		5		6		7		8		9					
A		cable list																				A			
		object 1 (to external)		cabel-identifier.		description / funktion				cabel type		cross-section		color		length		sheet		path				objekt 2 (from internal)	
B		X:1		permanent positive		radio permanent positive				H07V-K		2.5		PK		2.1		24		3		24F3.2		B	
		4F.2:1		shore		shore				H07V-K		6		BN		5		4		2		X0:1			
		X PE:1		shore		shore				H07V-K		6		GNYE		5		4		2		X0:2			
		4F.2:3		shore		shore				H07V-K		6		BU		5		4		2		X0:3			
		radio		speaker 1		speaker 1				LiYCY		0.75		WH		1.2		24		5		speaker 2:2			
C		radio		speaker 1		speaker 1				LiYCY		0.75		WH		1.2		24		5		speaker 2:1		C	
		radio		speaker 2		speaker 2				LiYCY		0.75		WH		5.8		24		5		speaker1:1			
		radio		speaker 2		speaker 2				LiYCY		0.75		WH		5.8		24		5		speaker1:2			
		radio		speaker 3		speaker 3				LiYCY		0.75		WH		4		24		5		speaker 3:2			
		radio		speaker 3		speaker 3				LiYCY		0.75		WH		4		24		5		speaker 3:1			
D		radio		speaker 4		speaker 4				LiYCY		0.75		BK		4		24		5		speaker 4:2		D	
		radio		speaker 4		speaker 4				LiYCY		0.75		BK		4		24		5		speaker 4:1			
		7S4		starter		starter				H07V-K		95		RD		0.96		7		5		starter 12V			
E																								E	
F																								F	