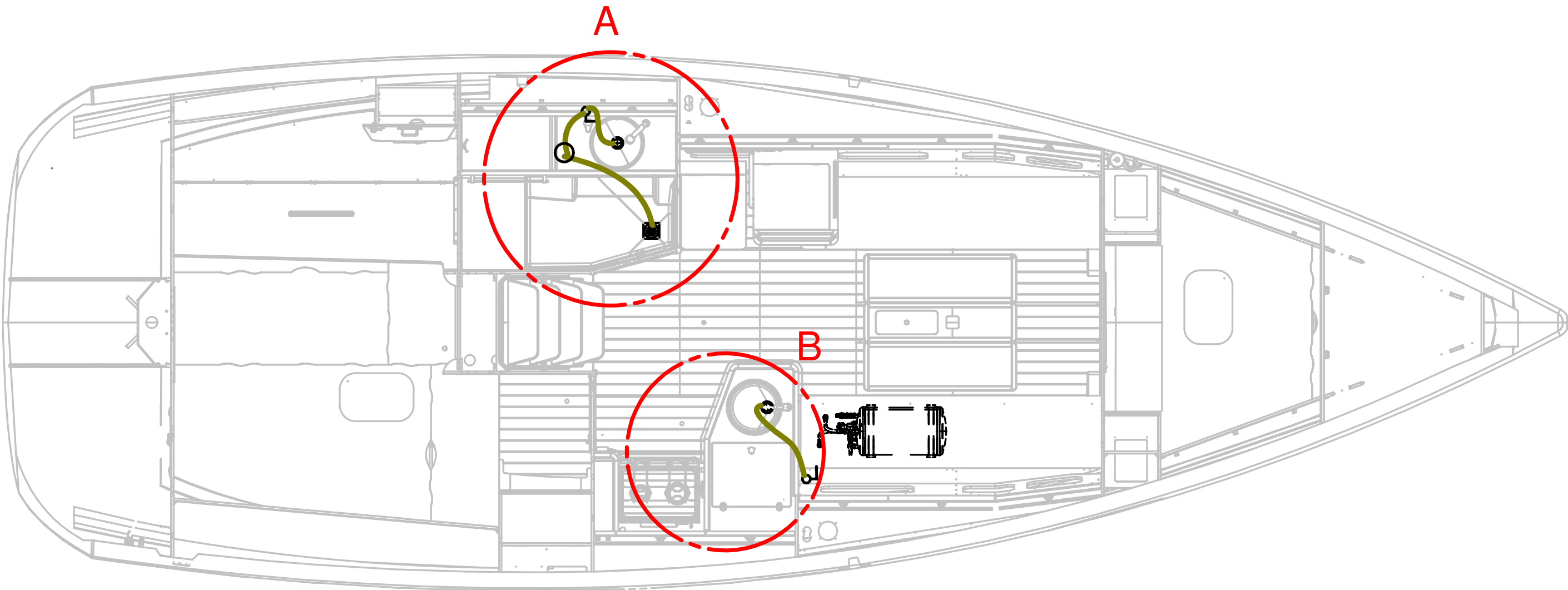
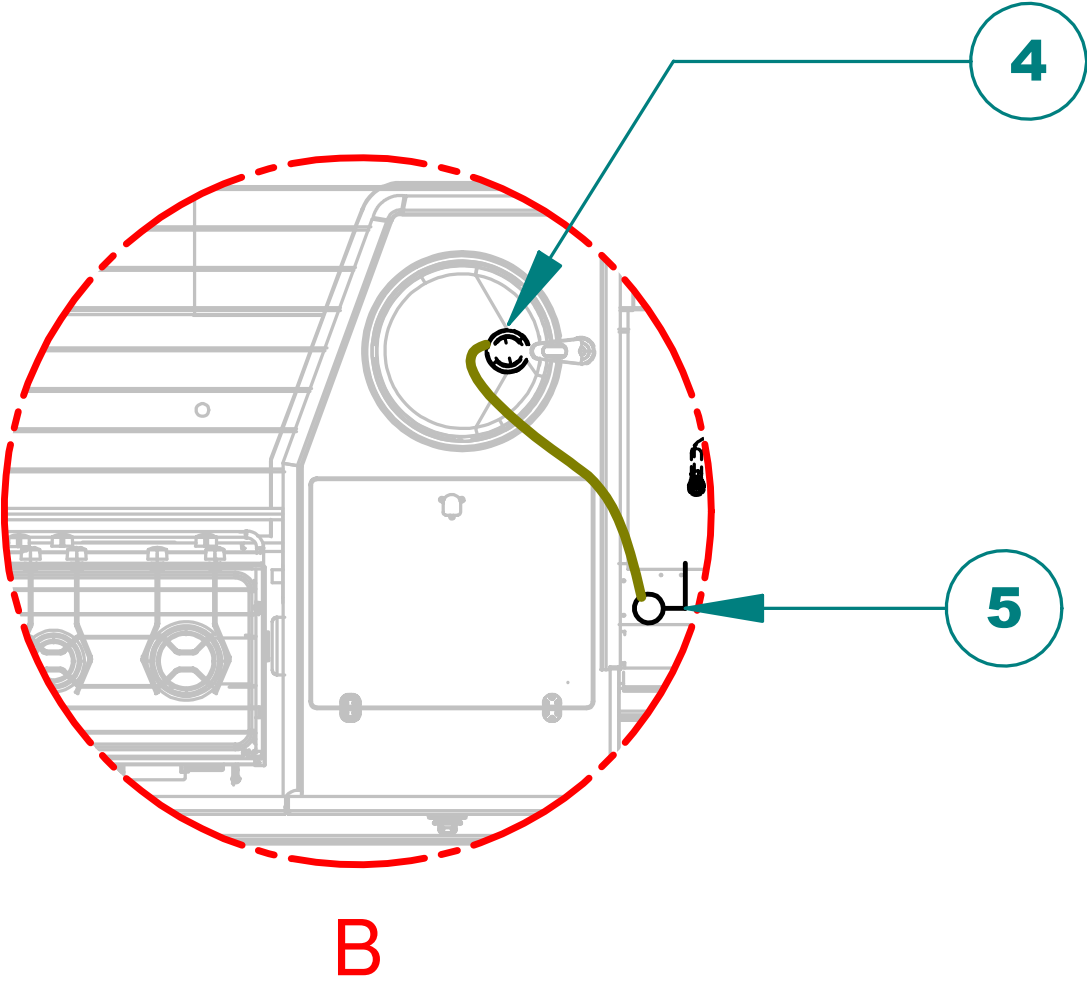
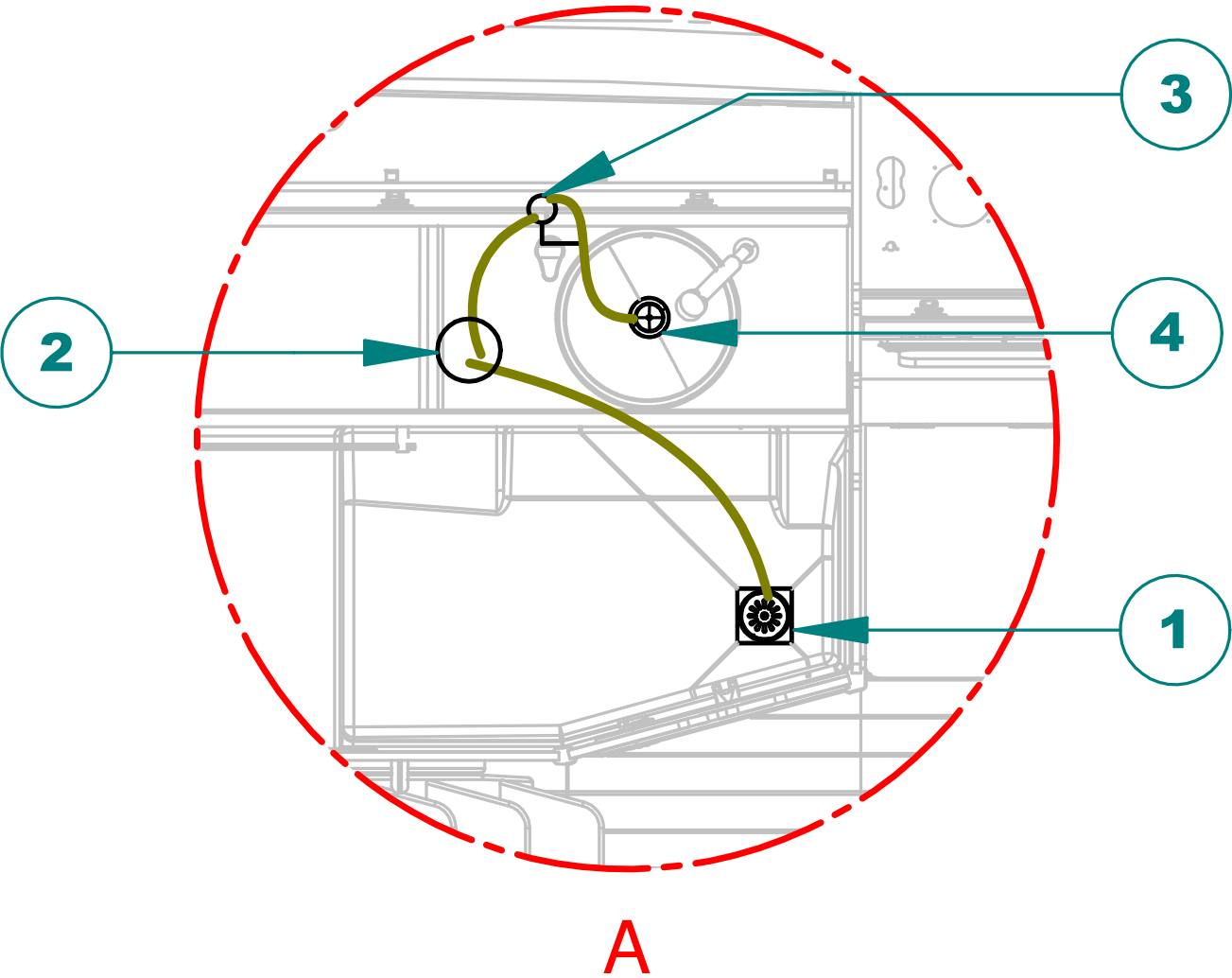




	Sink draining / Shower
---	------------------------

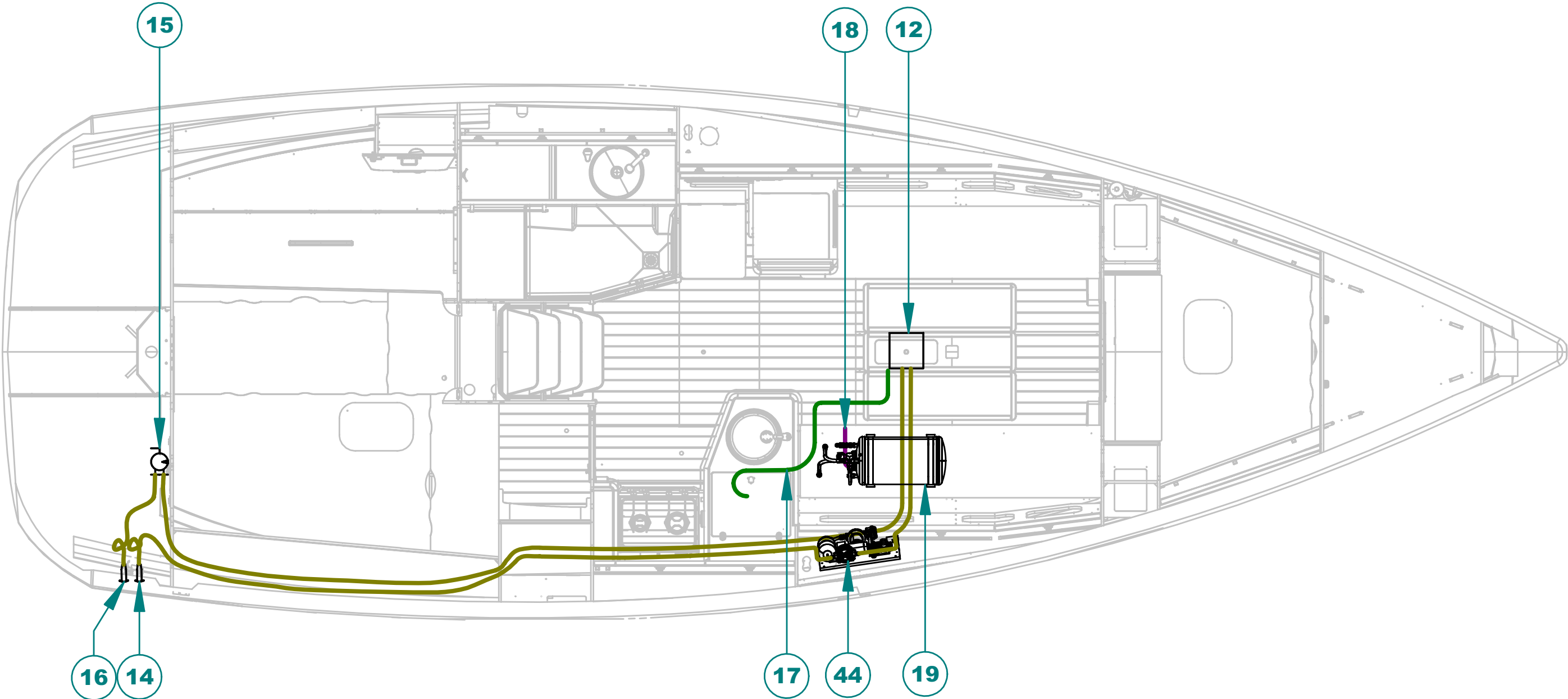
DRAINAGE

REFERENCE ON DIAGRAM	FUNCTIONS
19	Water heater
21	Aft water tank
22	Filler of the aft water tank
23	Aft water tank vent
24	Forward water tank
25	Filler of the forward water tank
26	Forward water tank vent
28	Rubber tubes for engine coolant
40	Reservoir valve 1
41	Reservoir valve 2
42	Valve (optional extra)



DRAINAGE DETAIL A AND B

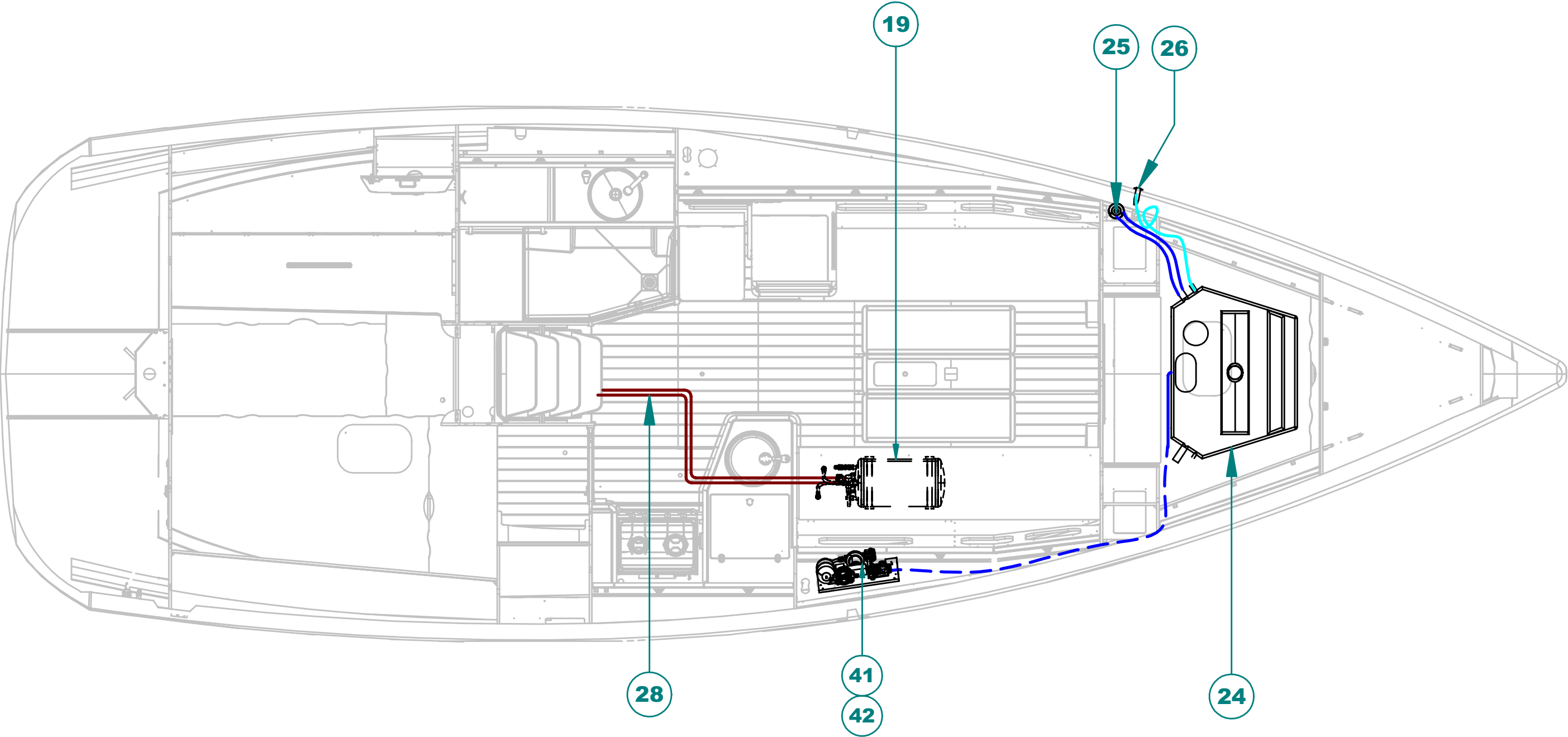
REFERENCE ON DIAGRAM	FUNCTIONS
1	Shower plug hole
2	Shower pump
3	Hand spray evacuation valve and sink
4	Sink plug hole
5	Sink drainage valve



	Network for cold water drainage
	Network for water heater drainage
	System icebox drainage

BILGE PUMP SYSTEM

REFERENCE ON DIAGRAM	FUNCTIONS
12	Sump
14	Electric bilge pump draining
15	Manual bilge pump
16	Draining of manual bilge pump
17	Icebox drainage
18	Boiler draining
19	Water heater
44	Expansion chamber

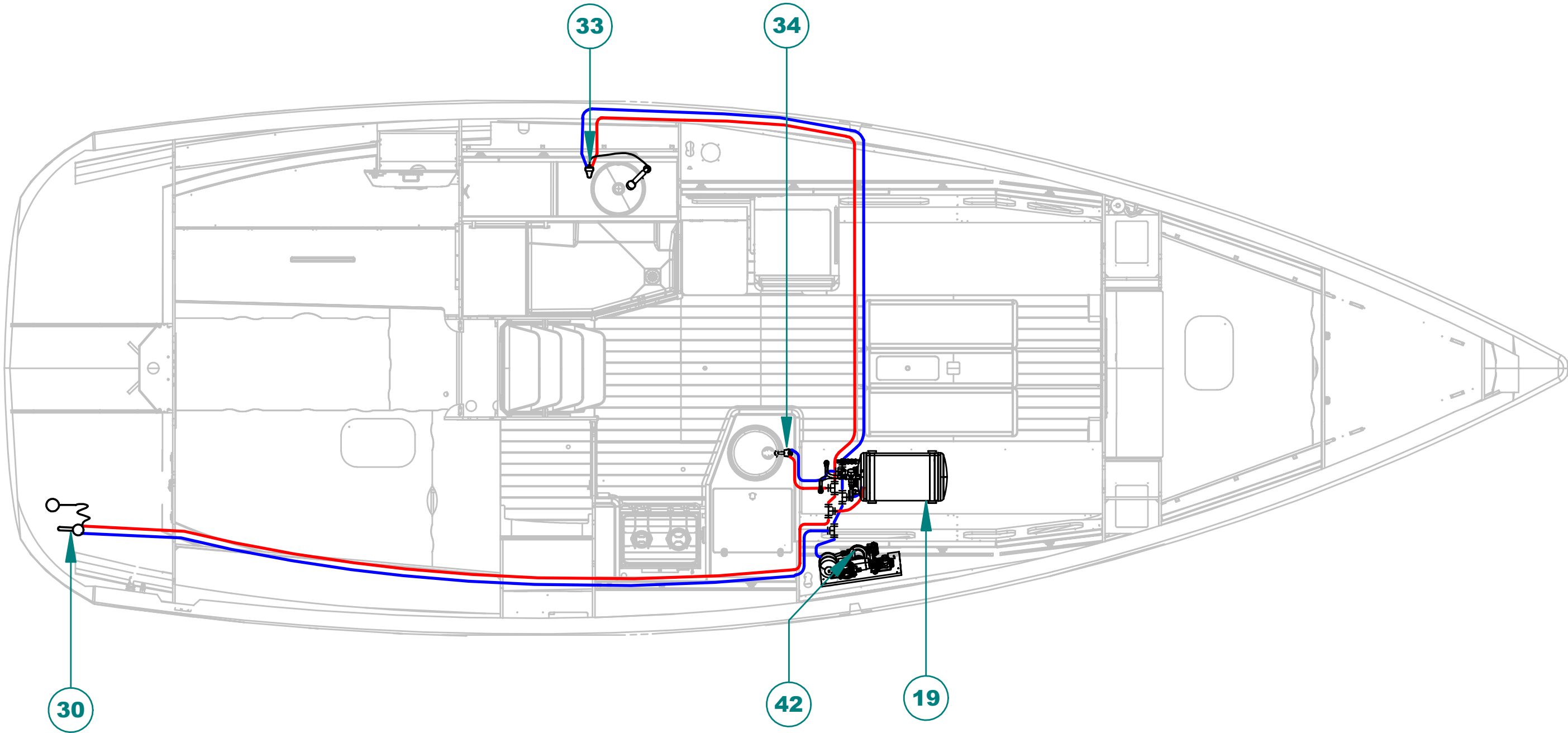


	Tank filling network
	Venthole network
	Fresh water distribution network
	Engine cooling network



FILLING

REFERENCE ON DIAGRAM	FUNCTIONS
19	Water heater
24	Forward water tank
25	Filler of the forward water tank
26	Forward water tank vent
28	Rubber tubes for engine coolant
41	Water unit
42	Water unit



	Fresh water distribution network cold
	Fresh water distribution network warm

DISTRIBUTION

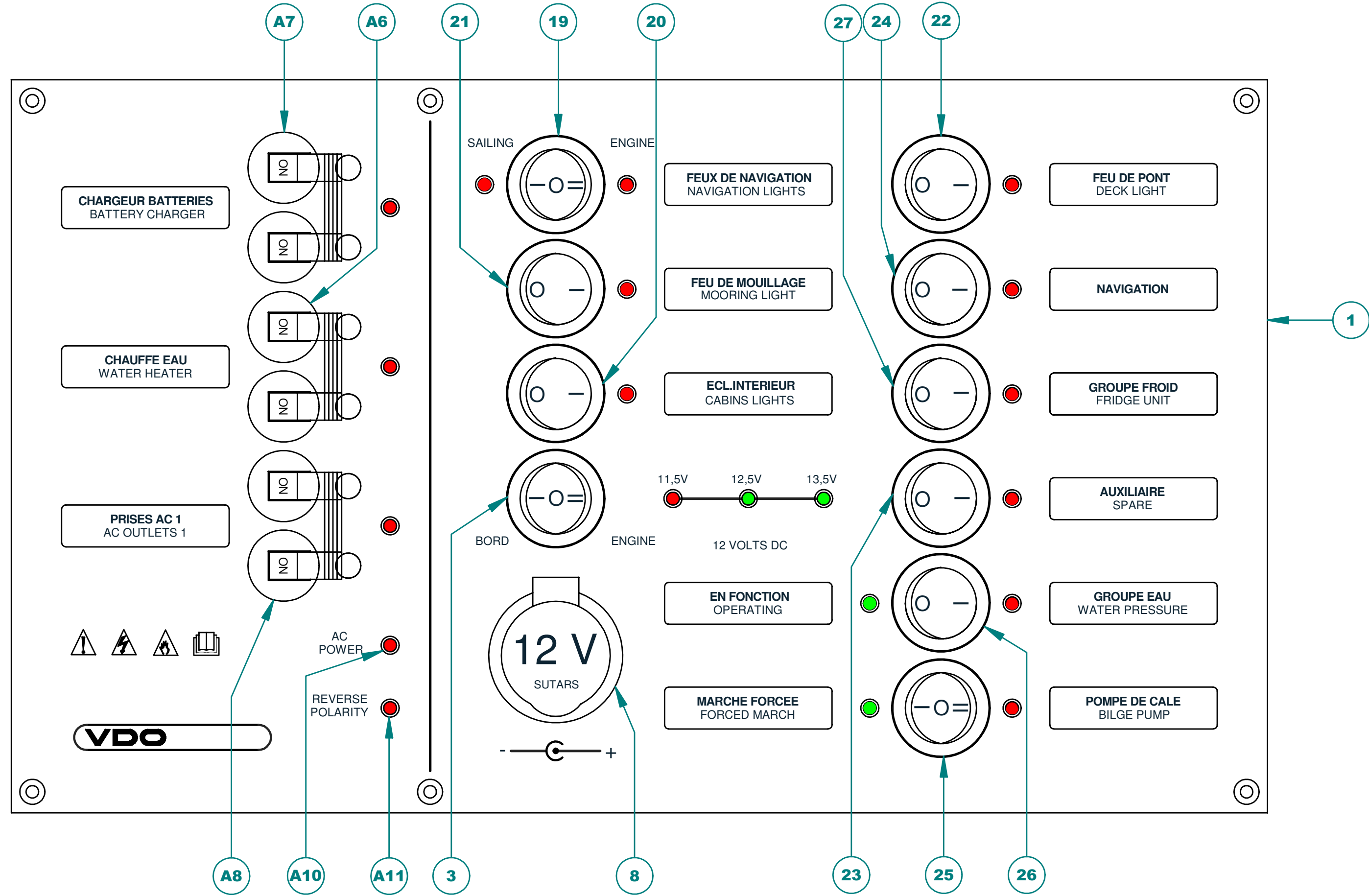
REFERENCE ON DIAGRAM	FUNCTIONS
19	Water heater
30	Mixer tap + Deck shower - Optional extra
33	Mixer tap + Shower
34	Sink mixer tap
42	Water unit

12 V DC CAPTION

	Miscellaneous items		Fast connection
	Overhead light		Battery switch
	Overhead light with switch		Wattage circuit breaker
	Spot light		Deck switch
	Fluorescent lamp and neon light		Ball release mechanism of the pump
	Red and green fore lights		Thermostat
	Stern light		Dial (various items)
	12 V DC socket		gauge (receiver)
	Loudspeaker		Gauge (transmitter)
	Electric engine		Remote control
	Ventilator		Windlass
	FM Electronic antenna		Switch
	Flowmeter transmitter		two-way switch or push button
	Relay box		overheat contactor
	Charge divider		Radio cassette player and/or CD player
	SHUNT		Battery
	FUSE		Electrical panel
	EARTH CONNECTOR		
	CONNECTING STRIP		
	Branch		

INDEX OF THE WIRING DIAGRAMS

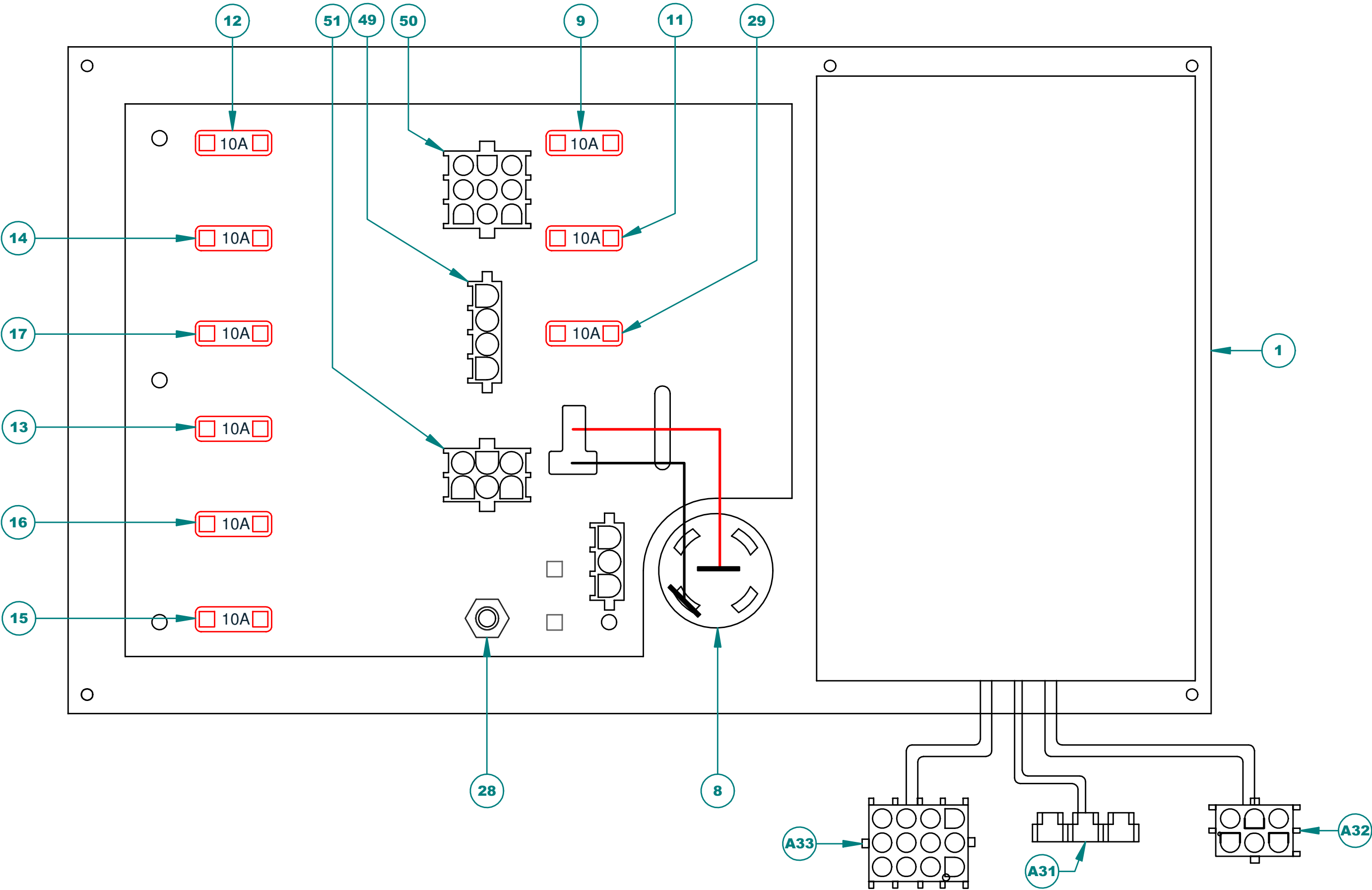
PAGE NUMBER	INDEX	SIZE
F01	Index of the wiring diagrams	A3
F02		
F03	Electrical panel	A3
F04	Electrical panel wiring	A3
F05	Electrical panel wiring - Connectors	A3
F06	Panel circuit breakers electric	A4
F07		
F08		
F09	Electric junction panel	A3
F10	12V DC electrical passage (Power)	A3
F11	12V DC electrical schematic diagram (Power)	A3
F12		
F13		
F14		
F15	12V DC electrical diagram and passage - Forward cabin	A3
F16	12V DC electrical diagram and passage - Saloon Galley	A3
F17		
F18	12V DC electrical diagram and passage - Aft cabin	A3
F19		
F20	Optional Wire run	A3
F29		
F30	220V AC electrical schematic diagram	A3
F31	220V AC electrical passage Version 3 Cabins	A3
F32		
F33		
F34		
F35	110V AC electrical schematic diagram	A3
F36	110V AC electrical passage	A3
F37		



ELECTRICAL PANEL

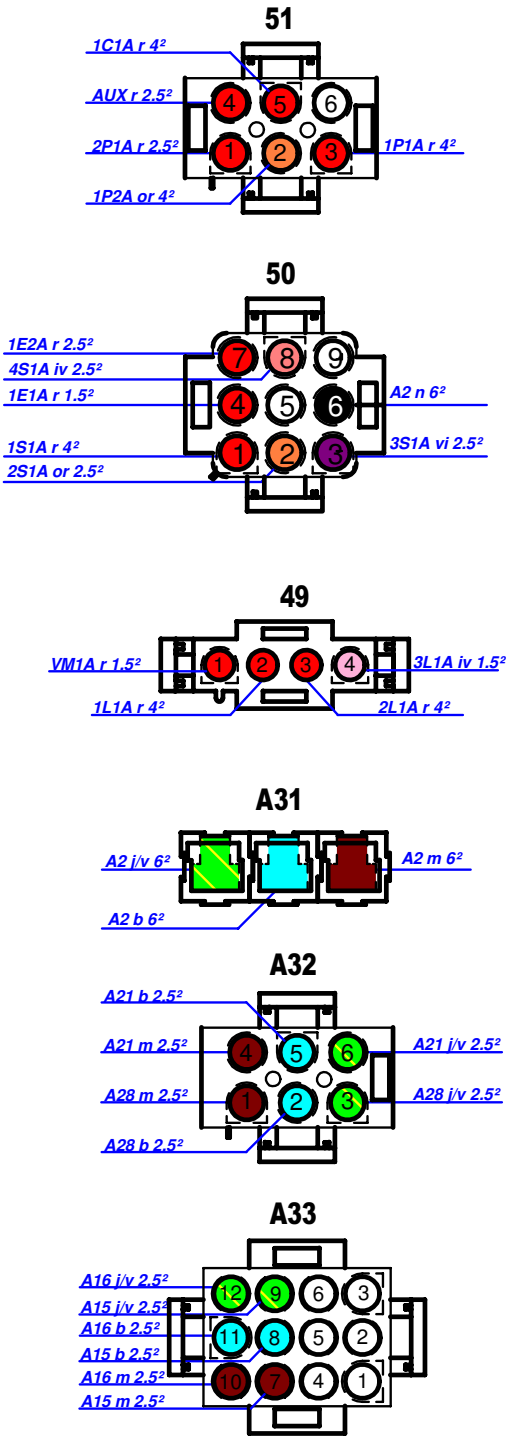
REFERENCE ON DIAGRAM	WIRE REFERENCES	AMPERAGE OR WATTAGE	FUNCTIONS
1			"DC AMPS / 12V DC electrical panel"
3			Change over switch - voltmeter inlet
8			12 DC socket electrical panel
19			Switch - navigation lights / Engine navigation light
20			Switch Interior lighting
21			Switch Mooring light
22			Switch Deck light
23			Switch Auxiliary (optional extra)
24			Switch Navigation electronics
25			Switch Bilge pump
26			Switch Water unit
27			Switch Refrigeration unit

REFERENCE ON DIAGRAM	WIRE REFERENCES	AMPERAGE OR WATTAGE	FUNCTIONS
A6	A6	15A	Bipolar circuit breaker water heater
A7	A7	15A	Bipolar circuit breaker Battery charger
A8	A8	15A	Bipolar circuit breaker AC sockets
A9			
A10	A10		Live shore power line warning light - "Shore Power"
A11	A11	115V AC	Warning light - reversal of polarity
A12			



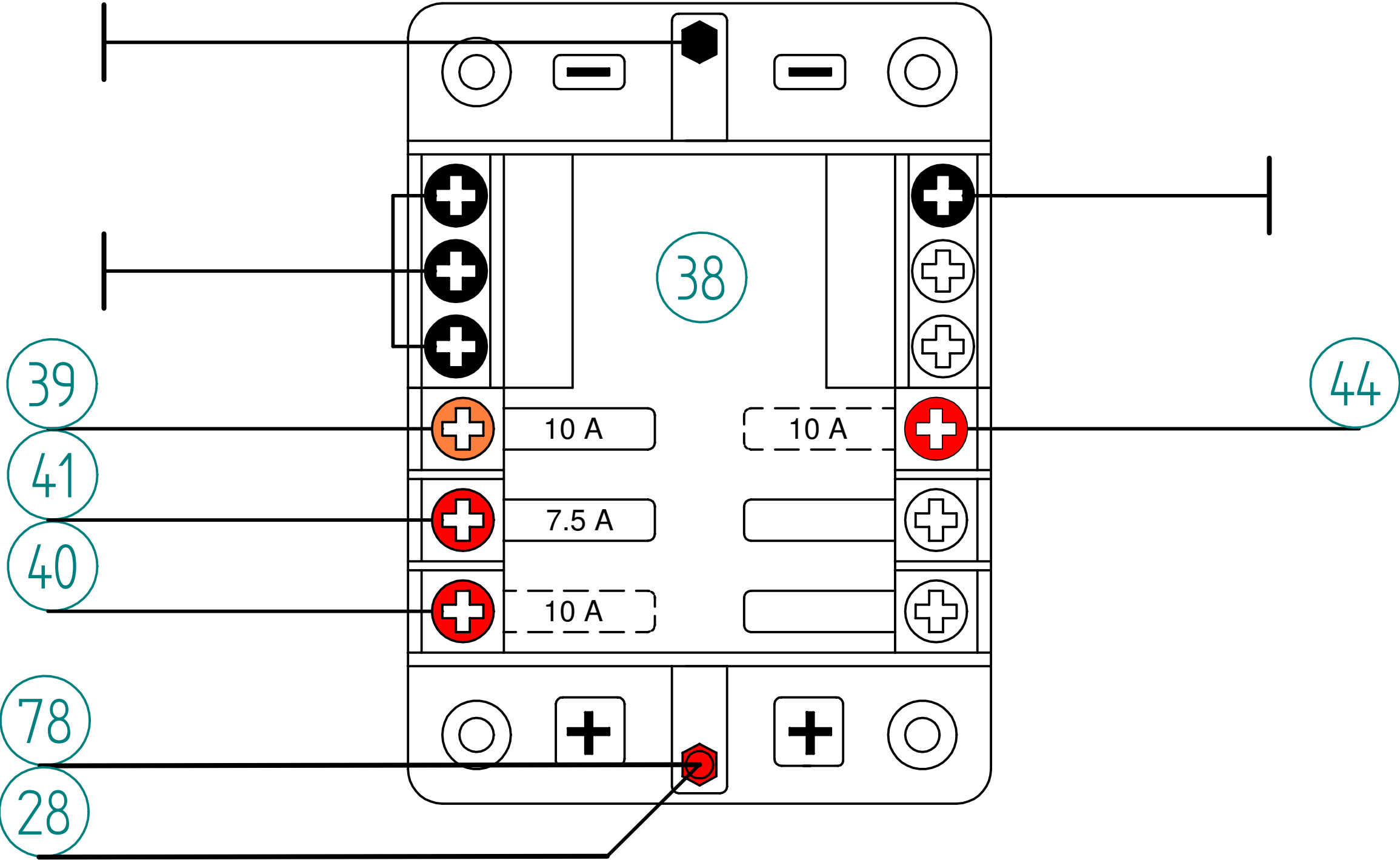
ELECTRICAL PANEL WIRING

REFERENCE ON DIAGRAM	WIRE REFERENCES	AMPERAGE OR WATTAGE	FUNCTIONS
1			DC AMPS / 12V DC electrical panel
8			12 DC socket electrical panel
9	1S1A-1S2A	10A	Breaker of navigation lights / Engine navigation light
11	3S1A	10A	Breaker Mooring light
12	4S1A	10A	Breaker Deck light
13	AUX	10A	Breaker aux. (Optional extra)
14	1E1A-1E2A	10A	Breaker of navigation electronics
15	1P1A-1P2A	10A	Breaker of bilge pump
16	2P1A	10A	Breaker of water unit
17	1C1A	10A	Breaker of refrigeration unit
28	A2		Power supply - electrical panel
29	1L1A-2L1A-3L1A	10A	Breaker Interior lighting
49			4 way connector: Electrical panel - Hull system
50			09 way connector: Electrical panel - Hull system
51			06 way connector: Electrical panel - Hull system



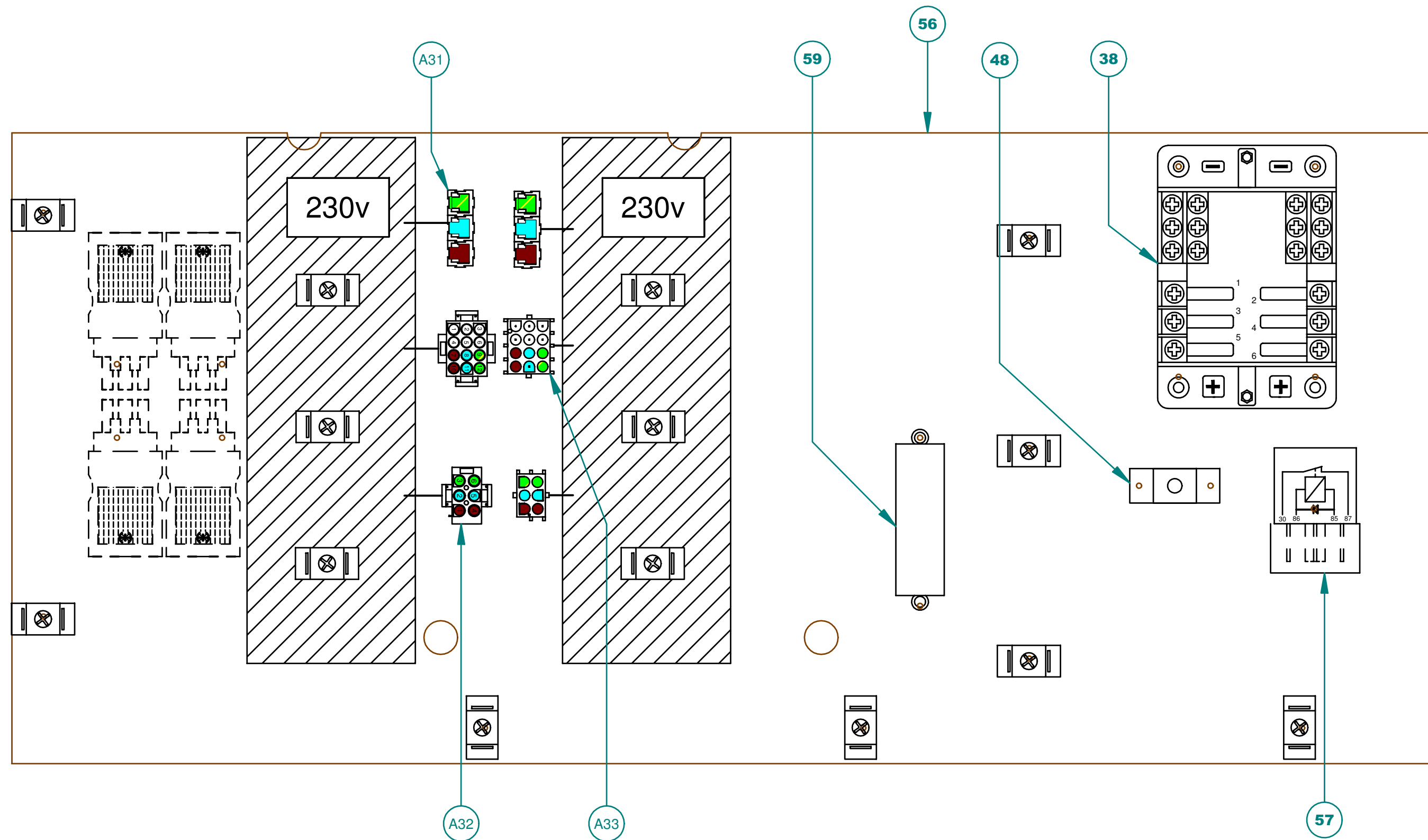
REFERENCE ON DIAGRAM	WIRE REFERENCES	AMPERAGE OR WATTAGE	FUNCTIONS
49			4 way connector: Electrical panel - Hull system
49-1	VM1A		Battery for engine
49-2	1L1A		Lighting 1
49-3	2L1A		Lighting 2
49-4	3L1A		Lighting 3
50			9 way connector: Electrical panel - Hull system
50-1	1S1A		Navigation lights
50-2	2S1A		Engine navigation light
50-3	3S1A		Mooring light
50-4	1E1A		Navigation electronics
50-5			
50-6	A2		Ground
50-7	1E2A		Navigation electronics
50-8	4S1A		Deck light
50-9			
51			6 way connector: Electrical panel - Hull system
51-1	2P1A		Fresh water unit
51-2	1P2A		Automatic bilge pump
51-3	1P1A		Bilge pump Strength
51-4	AUX		Auxiliary
51-5	1C1A		Refrigeration unit
51-6			

REFERENCE ON DIAGRAM	WIRE REFERENCES	AMPERAGE OR WATTAGE	FUNCTIONS
A31			Connector Panel power
A32			Connector Water heater Charger
A33			Connector Sockets



PANEL CIRCUIT-BREAKERS ELECTRIC

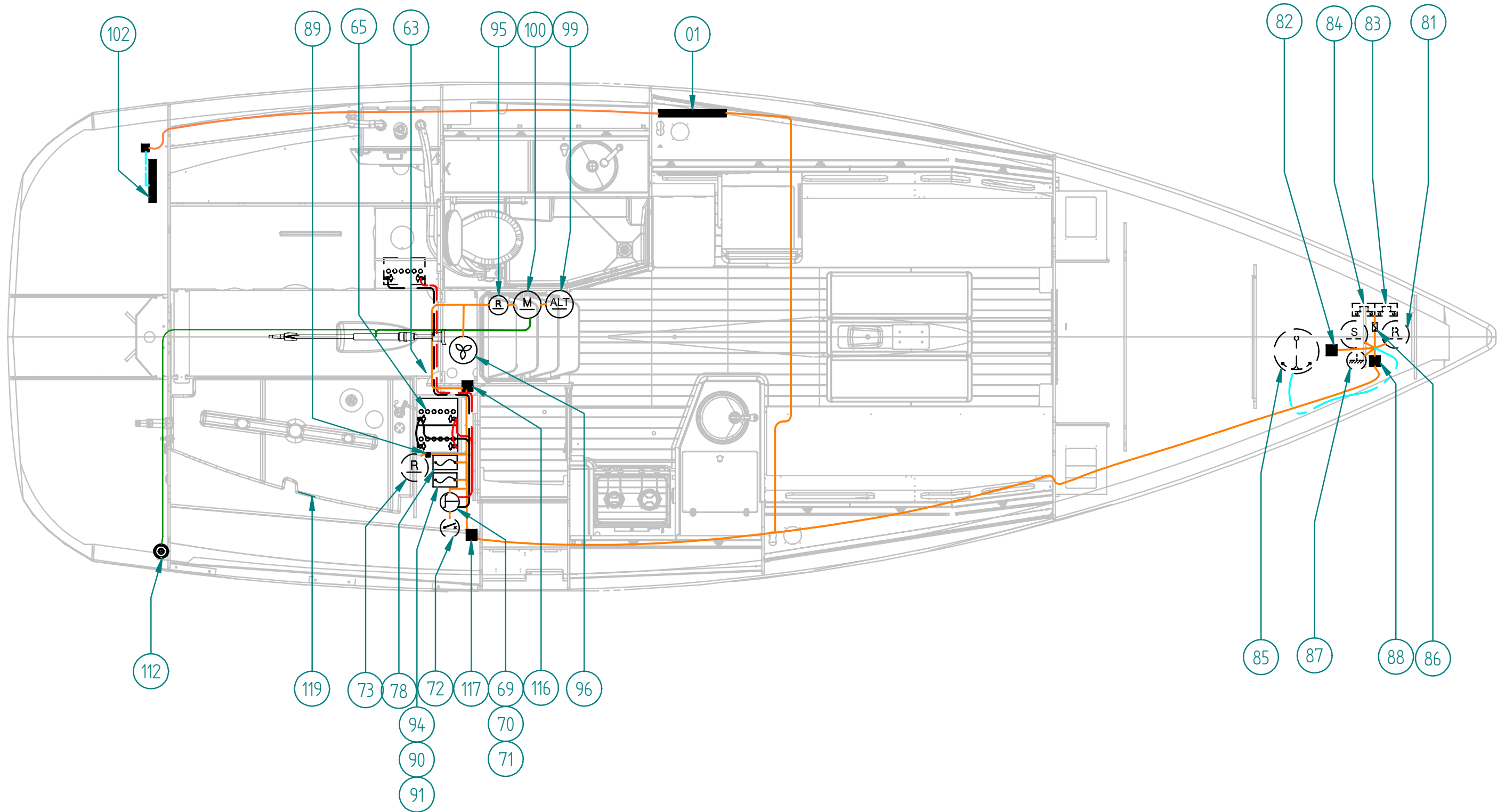
REFERENCE ON DIAGRAM	WIRE REFERENCES	AMPERAGE OR WATTAGE	FUNCTIONS
28	A2		Power supply - electrical panel
39	1F(1,2,3,4)A	10A	Breaker of 12V DC sockets 1
40	HF1A	10A	Breaker VHF/Hi-Fi
41	3P1A	06A	Breaker for shower pump
44	2E1A	10A	Breaker of navigation electronics
78		100A	General house fuse



ELECTRIC JUNCTION PANEL

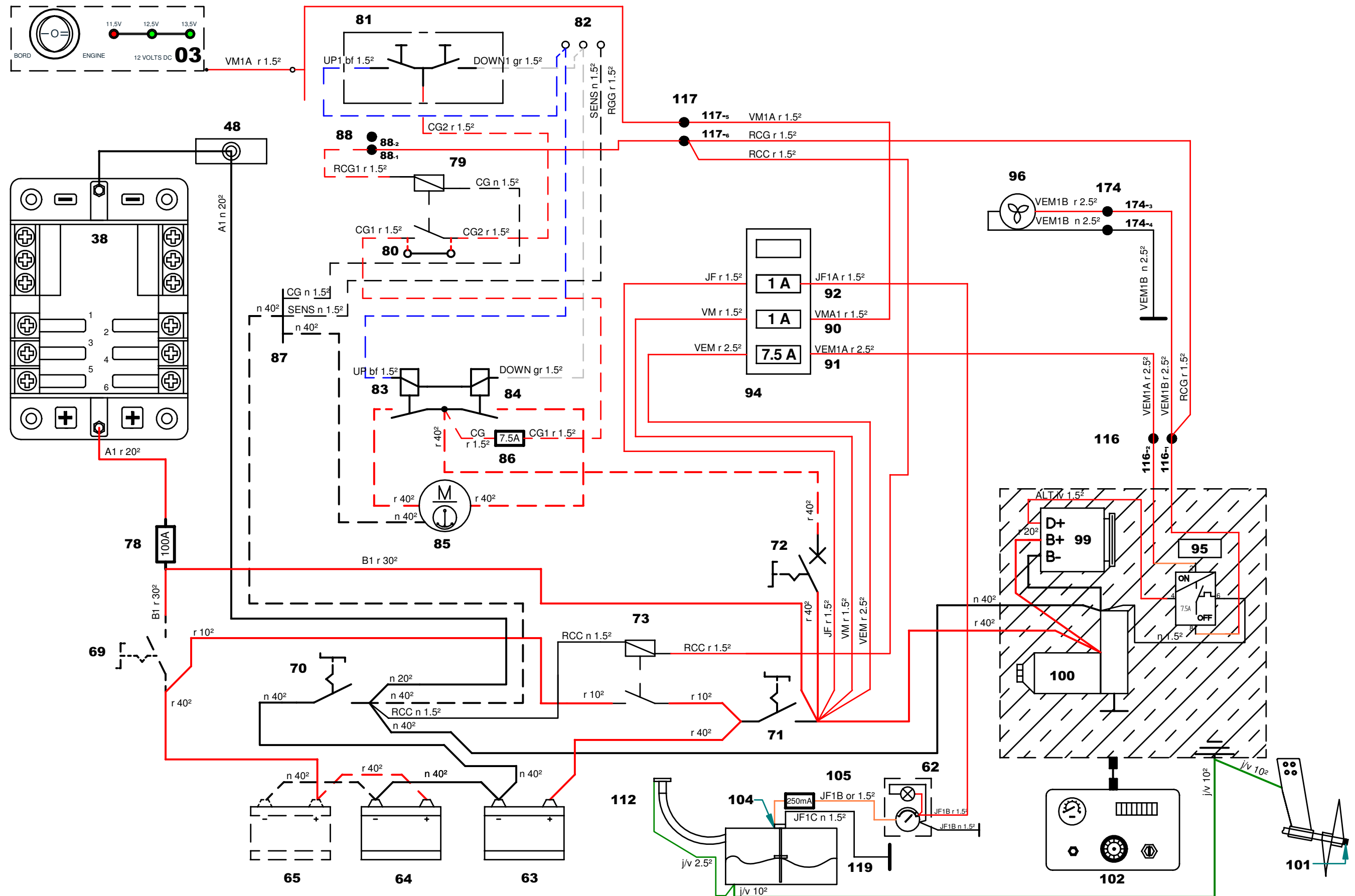
REFERENCE ON DIAGRAM	WIRE REFERENCES	AMPERAGE OR WATTAGE	FUNCTIONS
38			Electric terminal Lighting DC AMP / 12V DC
48			Negative connector
56			Electrical panel mount
57	2E1A-2E1B		Relay box Auto pilot (optional extra)
59	AUX-1E2A		Barette (optional extra)

REFERENCE ON DIAGRAM	WIRE REFERENCES	AMPERAGE OR WATTAGE	FUNCTIONS
A31			Connector panel supply
A32			Connector "water heater charger"
A33			Connector "sockets"



12V DC ELECTRICAL PASSAGE (POWER)

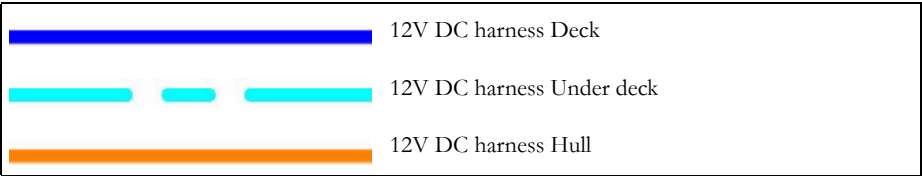
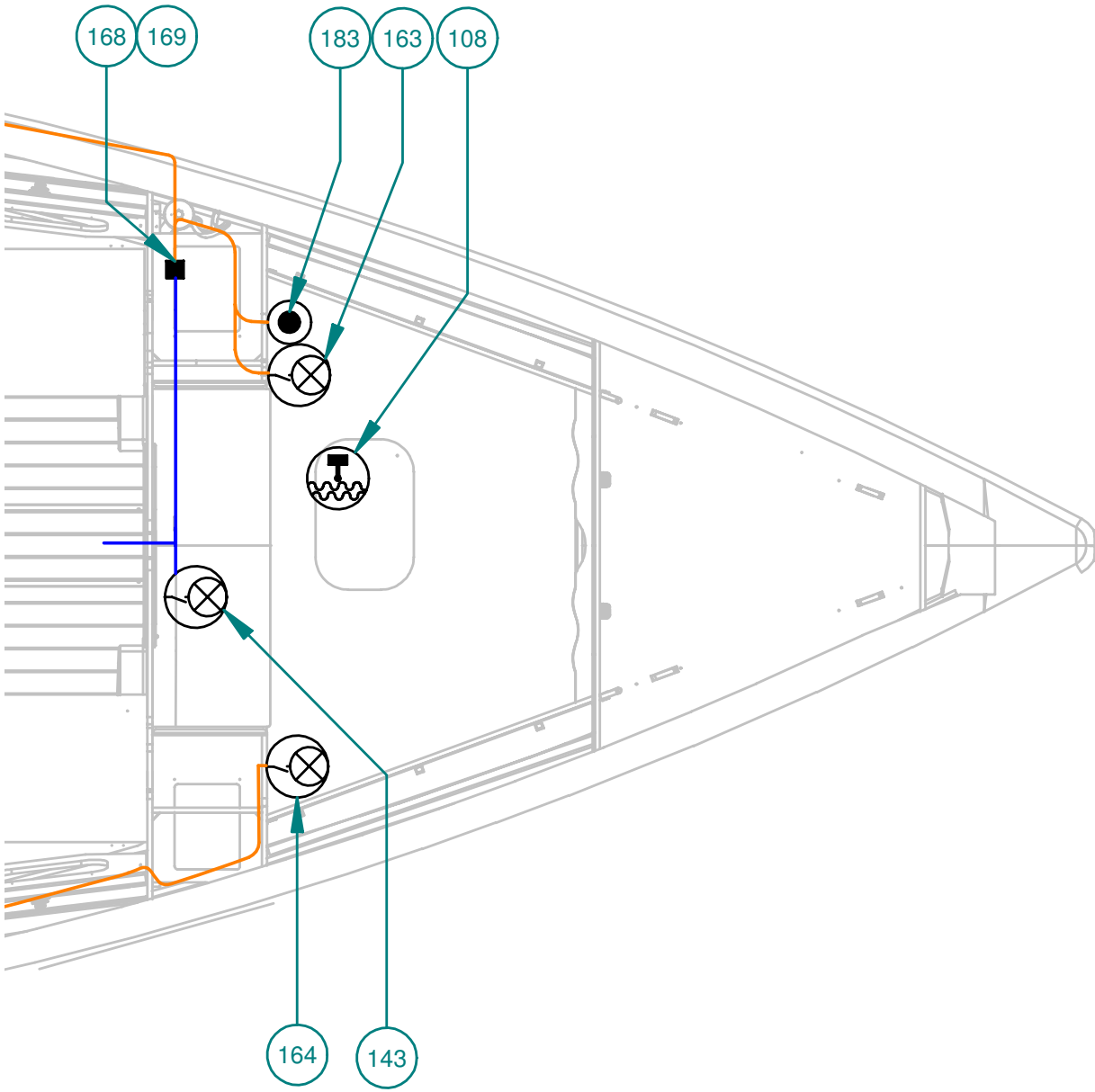
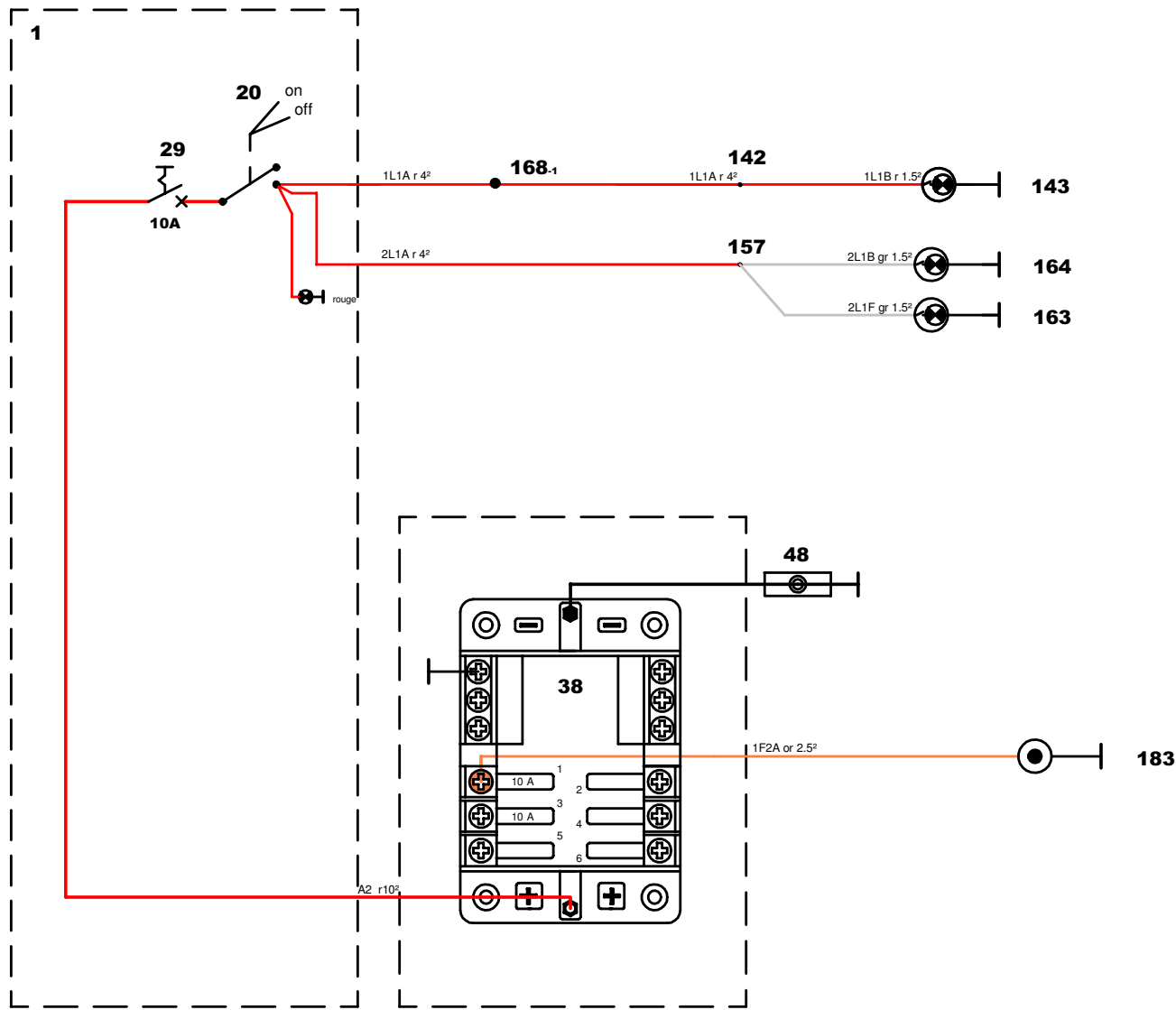
REFERENCE ON DIAGRAM	WIRE REFERENCES	AMPERAGE OR WATTAGE	FUNCTIONS
1			DC AMPS / 12V DC electrical panel
63		70 Ah	Battery for engine
65		70 Ah	House battery (optional extra)
69		150A	Battery switch "positive terminal - house" (optional extra)
70		150A	Battery switch "negative terminal"
71		150A	Battery breaker - "positive terminal - engine"
72		100A	Windlass circuit breaker (optional extra)
73		70A	Relay coupler (optional extra)
78		100A	General house fuse
81	UP1-DOWN1		Control relay of electric windlass
82			3 way connector: Windlass system - Dual control harness - Windlass chain meter
83	UP		Up relay on electric windlass
84	DOWN		Down relay on electric windlass
85		1000 W	12V DC electric windlass
86	CG-CG1-CG2	7.5A	Safety fuse of windlass safety box supply
87	CG-SENS		Electric windlass mass connection terminal
88			2 way connector: Windlass system - Hull harness
94			Fuse box holder
95			Engine safety relay
96	VEM1B	52 W	Engine compartment ventilator
99		40A	Engine alternator
100		1800 W	Engine starter
102			Engine panel
112			Fuel oil tank filler
116			2 way connector: Engine - Engine system
117			8 way connector: Engine system - Hull system
119			Fuel tank



12V AC ELECTRICAL SCHEMATIC DIAGRAM (POWER)

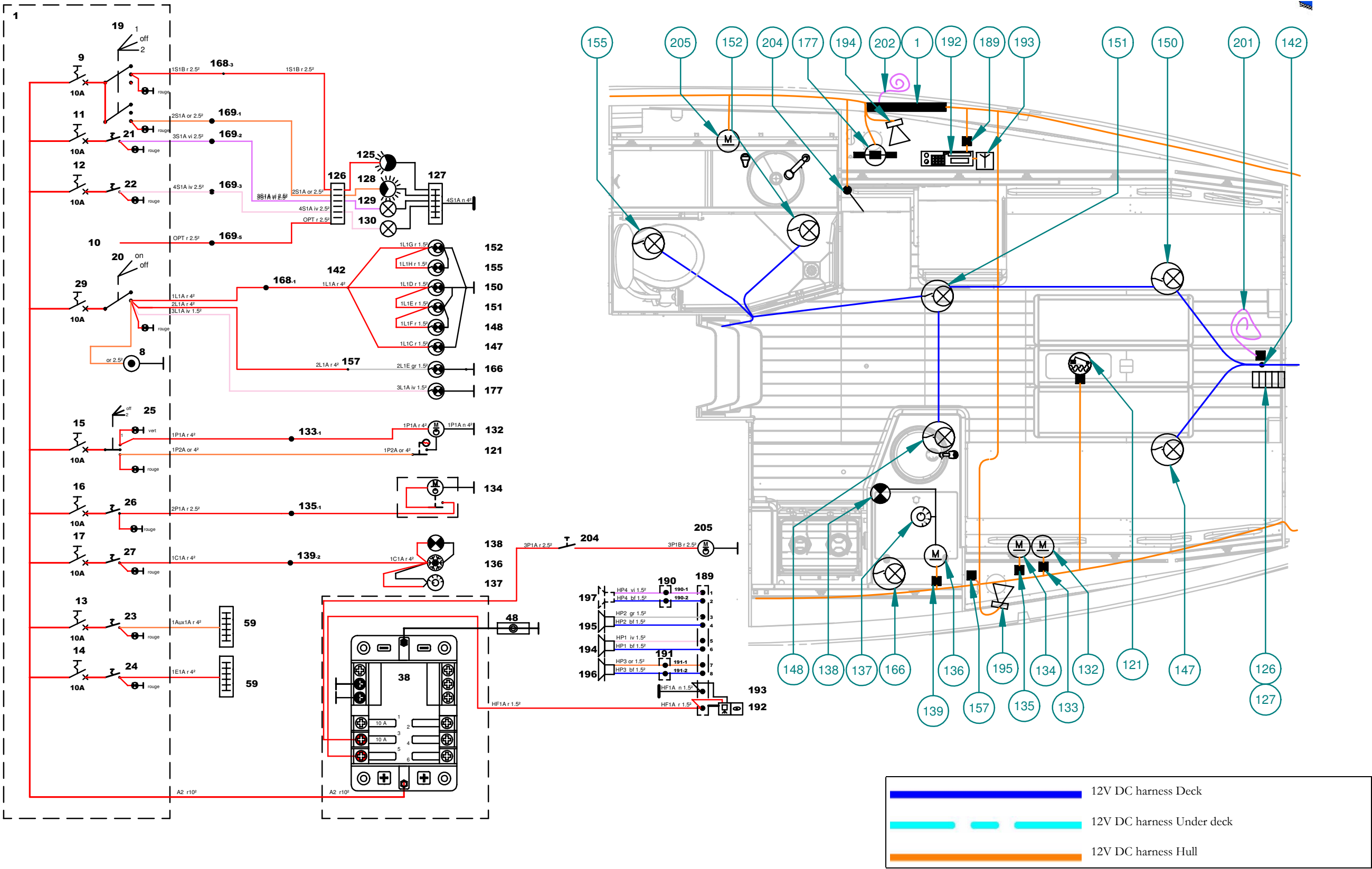
REFERENCE ON DIAGRAM	WIRE REFERENCES	AMPERAGE OR WATTAGE	FUNCTIONS
3			Change over switch - voltmeter inlet
38			"DC AMPS / 12V DC" electric terminal
48			Negative connector
63		70 Ah	Battery for engine
65		70 Ah	House battery (optional extra)
69		150A	Battery switch "positive terminal - house" (optional extra)
70		150A	Battery switch "negative terminal"
72		80A	Windlass circuit breaker (optional extra)
73		70A	Relay coupler (optional extra)
78		100A	General house fuse
79			Safety relay for electric windlass
80			No shunt so that the windlass works after the start of the engine
81	UP1-DOWN1		Control relay of electric windlass
82			3 way connector: Windlass system - Dual control harness and windlass chain meter
83	UP		Up relay on electric windlass
84	DOWN		Down relay on electric windlass
85		700W	12V DC electric windlass
86	CG-CG1-CG2	7,5A	Safety fuse of windlass safety box supply
87	CG-SENS		Connecting terminal panel Ground Electric windlass
88			2 way connector: Windlass system - Hull harness
90	VM-VMA1	1A	Safety fuse of the engine voltmeter
91	VEM-VEM1A	7,5A	Safety fuse of bilge ventilator
94			Fuse box holder
95			Engine safety relay
96	VEM1B	60W	Engine compartment ventilator
98			Engine alternator (depending on engine version)
100		1800W	Engine starter
101			Anode on drive shaft
102			Engine panel
112			Fuel oil tank filler
117			8 way connector: Engine system - Hull system
119	VP		Fuel tank

12V AC ELECTRICAL SCHEMATIC DIAGRAM - FORWARD CABIN



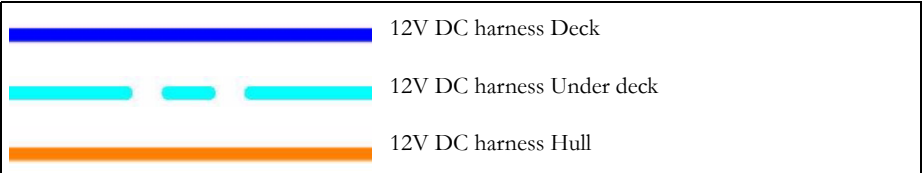
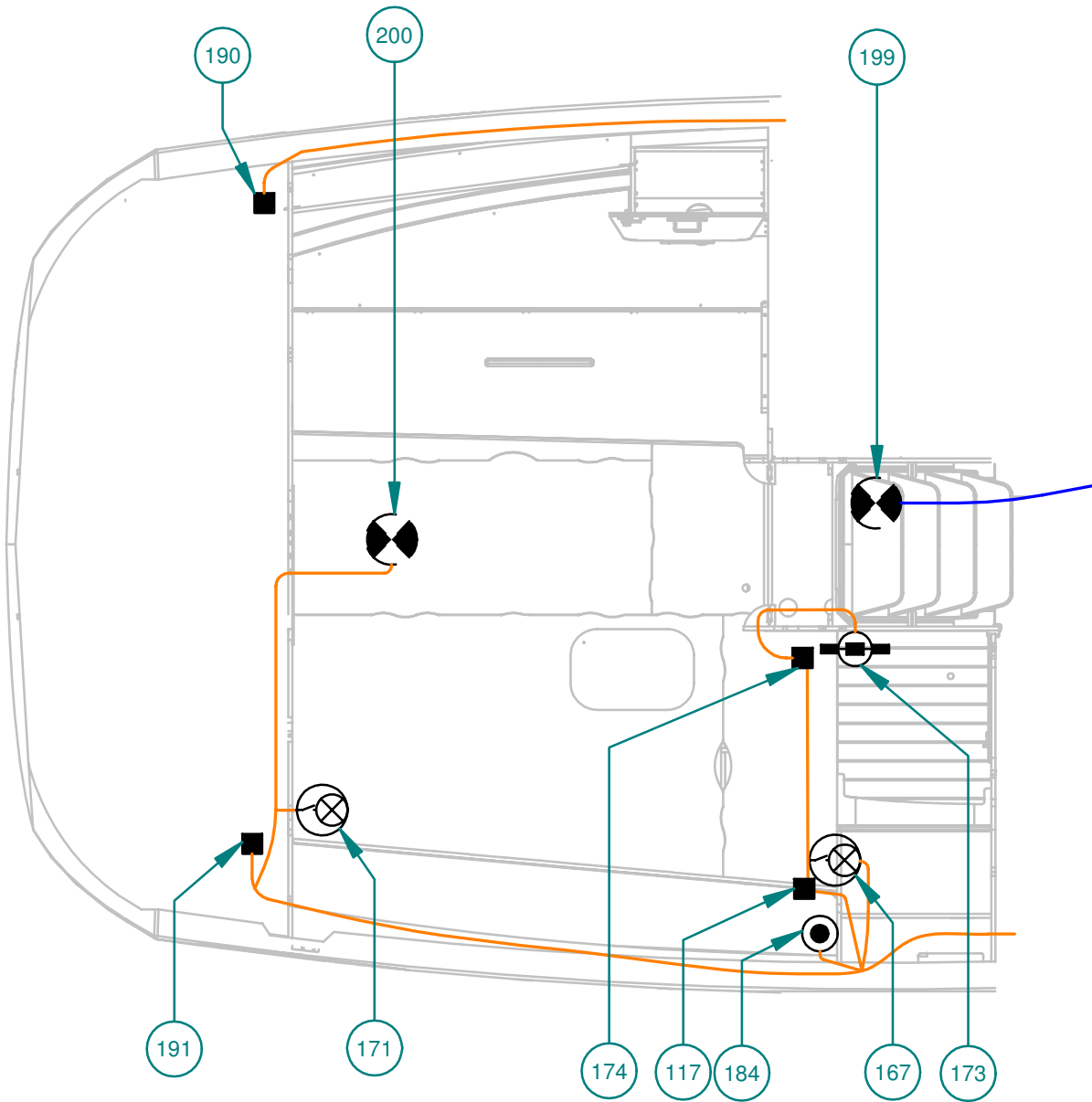
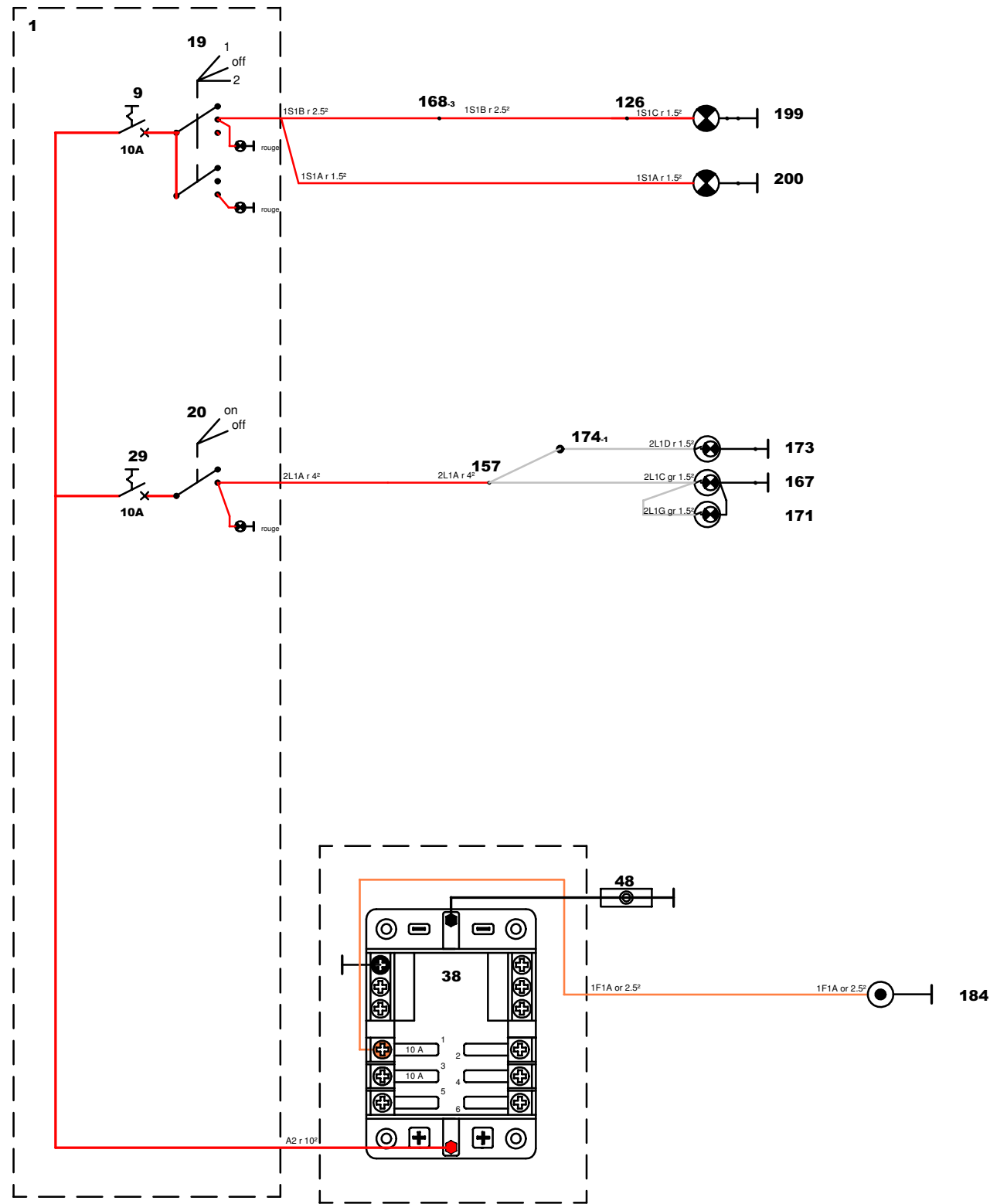
12V AC ELECTRICAL SCHEMATIC DIAGRAM - FORWARD CABIN

REFERENCE ON DIAGRAM	WIRE REFERENCES	AMPERAGE OR WATTAGE	FUNCTIONS
1			DC AMPS / 12V DC electrical panel
9	1S1A-2S1A	10A	FUSE "navigation lights / engine navigation light"
19			"Navigation light/ engine light" switch
20			Switch "interior lighting"
29	1L1A-2L1A-3L1A	10A	FUSE "interior lighting"
38			"DC AMPS / 12V DC" electric terminal
48			Negative connector
108			Front tank meter
122	1S1B-1S1C		Terminal strip: Front navigation light (Version)
123	1S1B	25W	Navigation light - forward port (Version)
124	1S1C	25W	Navigation light - forward starboard (Version)
142	1L1		1L shunt
143	1L1B	5W	Overhead light with switch - forward cabin
157	2L		2L shunt
164	2L1B	5W	Overhead light with switch - forward cabin To starboard
168			4 way connector: Hull system - Deck system
169			6 way connector: Hull system - Deck system
179			1S1 shunt
183	1F2A		12V DC socket - port forward cabin



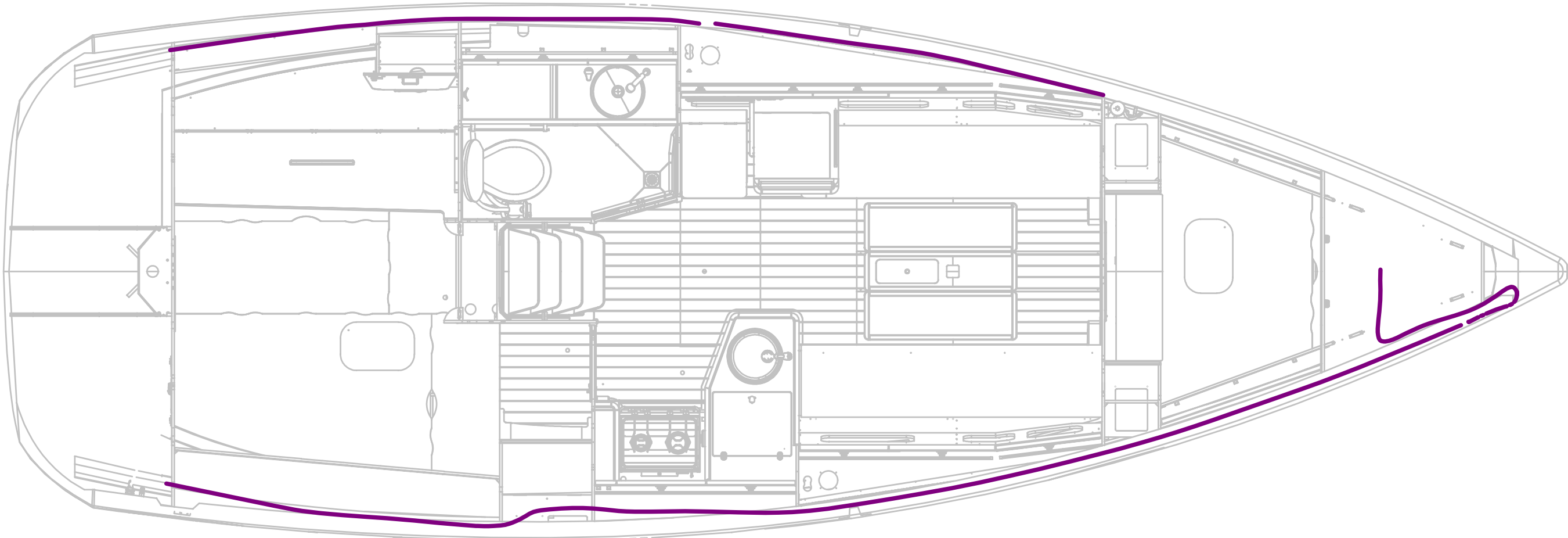
12V DC ELECTRICAL SCHEMATIC DIAGRAM - SALOON GALLEY

REFERENC E ON DIAGRAM	WIRE REFERENC ES	AMPERAGE OR WATTAGE	FUNCTIONS	REFERENC E ON DIAGRAM	WIRE REFERENC ES	AMPERAGE OR WATTAGE	FUNCTIONS
1			DC AMPS / 12V DC electrical panel	132	1P1A-1P2A	30W	Bilge pump
9	1S1A-1S2A	10A	Breaker of navigation lights / Engine navigation light	134	2P1A	60W	Water unit
10	OPT		Pre-fitted wires for optional extras	135			2 way connector :Hull system - Water unit
11	3S1A	10A	FUSE Mooring light	136	1C1A	60W	Refrigeration unit
12	4S1A	10A	FUSE Deck light	137			Thermostat - refrigeration unit
13	AUX	10A	FUSE Auxiliary (Optional extra)	138		10W	Lighting Cool box
14	1E1A-1E2A	10A	FUSE Navigation electronics	139			2 way connector :Hull system - Refrigeration unit
15	1P1A-1P2A	10A	FUSE Bilge pump	142	1L1		Branch 1L
16	2P1A	10A	FUSE Water unit	147	1L1C	5W	Forward starboard saloon ceiling light with switch
17	1C1A	10A	FUSE Refrigeration unit	148	1L1F	5W	Overhead light with switch galley
19			Switch - navigation lights / Engine navigation light	150	1L1D-1L1E	5W	Forward starboard saloon ceiling light with switch
20			Switch Interior lighting	151	1L1E-1L1F	5W	Aft port saloon ceiling light with switch
21			Switch Mooring light	152	1L1G-1L1H	5W	Overhead light with switch in port aft washroom
22			Switch Deck light	155	1L1H	5W	Overhead light with switch in port aft washroom
23			Switch Auxiliary (optional extra)	157	2L		Branch 2L
24			Switch Navigation electronics	166	2L2E	5W	Overhead light with switch galley to starboard
25			Switch Bilge pump	168			4 way connector :Hull system - Deck system
26			Switch Water unit	169			6 way connector :Hull system - Deck system
27			Switch Refrigeration unit	177	3L1A	10W	Lamp - NAV station
29	1L1A-2L1A -3L1A	10A	FUSE Interior lighting	189			10 way connector :Hull system - Hifi
38			Electric terminal DC AMPS / 12V DC	190	HP4		2 way connector :Hull system - Harness of outside loudspeaker optional extra To starboard
48			Negative connector	191	HP8		2 way connector :Hull system - Harness of outside loudspeaker optional extra To port
59	AUX-1E2A		Barette Options	192	HF1A	50W	Hifi
121			Float switch - bilge pump	193	ANT		Antenna - electronic Hifi - saloon
126			Terminal strip: Power supply - mast foot	194	HP1		Speaker - port saloon
127	4S1A		Terminal strip: Negative terminal mast foot	195	HP2		Speaker - starboard saloon
128	2S1A	25W	Steaming light	196	HP3		Loudspeaker outside to port (optional extra)
129	3S1A	10W	Mooring light	197	HP4		Loudspeaker outside to starboard (optional extra)
130	4S1A		Deck light	204	3P1A-3P1B		Shower pump switch - port AFT head
				205	3P1B	70W	Shower pump - port AFT head



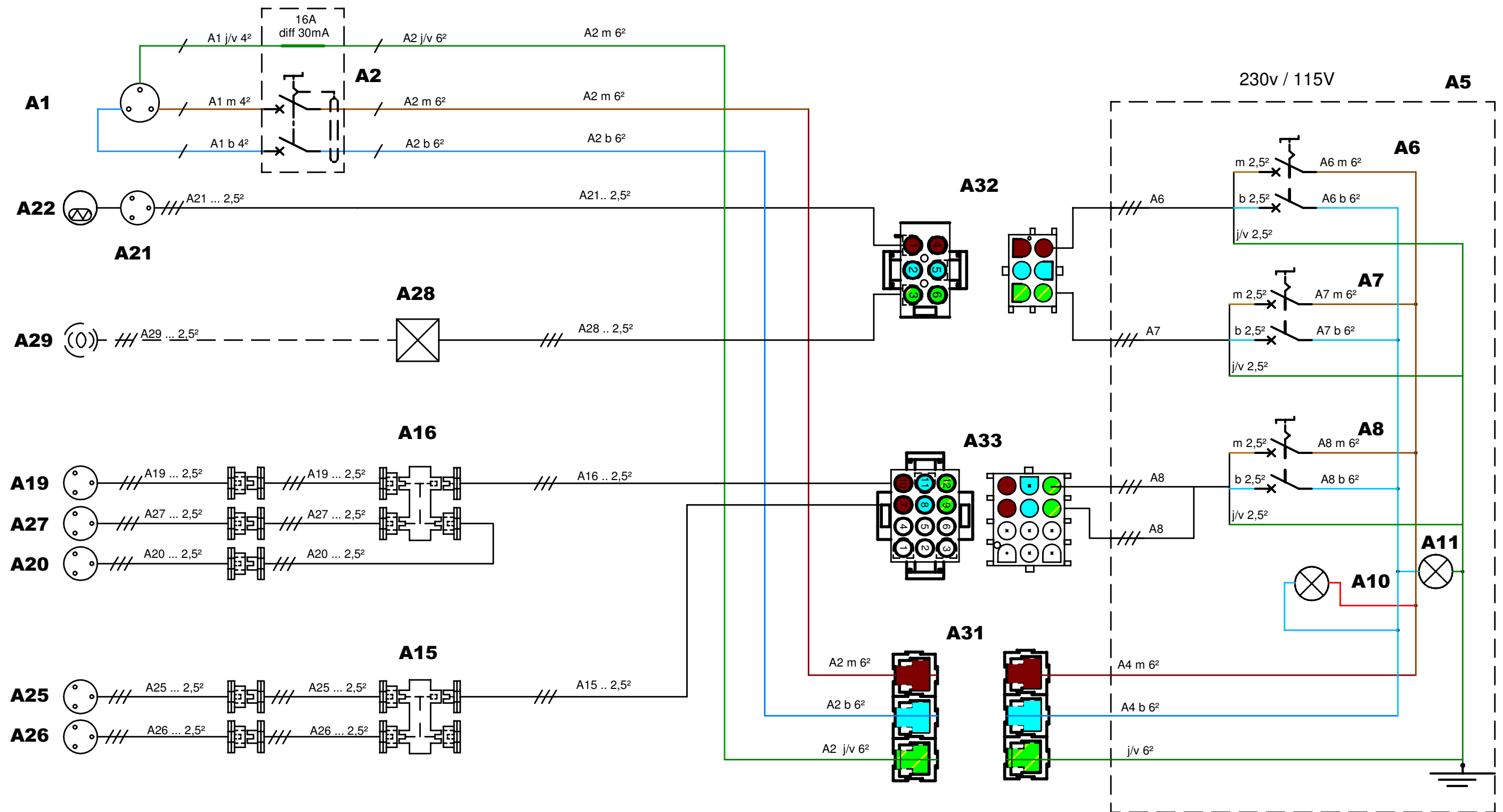
12V DC ELECTRICAL SCHEMATIC DIAGRAM - AFT CABIN

REFERENCE ON DIAGRAM	WIRE REFERENCES	AMPERAGE OR WATTAGE	FUNCTIONS
1			DC AMPS / 12V DC electrical panel
9	1S1A-1S2A	10A	FUSE Navigation lights / Engine navigation light
19			"Navigation light/ engine light" switch
20			Switch Interior lighting
29	1L1A-2L1A-3L1A	10A	FUSE Interior lighting
38			Electric terminal DC AMPS / 12V DC
48			Negative connector
116			2 way connector : Engine - Engine system
117			8 way connector : Engine system - Hull system
125	1S1E	10W	Stern light
142	1L1		1L shunt
157	2L		2L shunt
167	2L1C	15W	Overhead light with switch hanging locker starboard aft cabin
168			4 way connector : Hull system - Deck system
173	2L1D	10W	Fluorescent lamp starboard aft cabin
179			Branch 1S1
184	1F1A		12V DC socketTo starboard Aft cabin closet
190	HP4		2 way connector : Hull system - Harness of outside loudspeaker optional extra To starboard
191	HP3		2 way connector : Hull system - Harness of outside loudspeaker optional extra To port
199	1S1C	2W	Compass light (Version)
200	1S1A	2W	Compass light Steering wheel (Version)



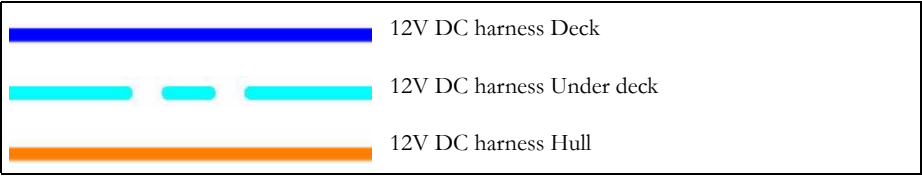
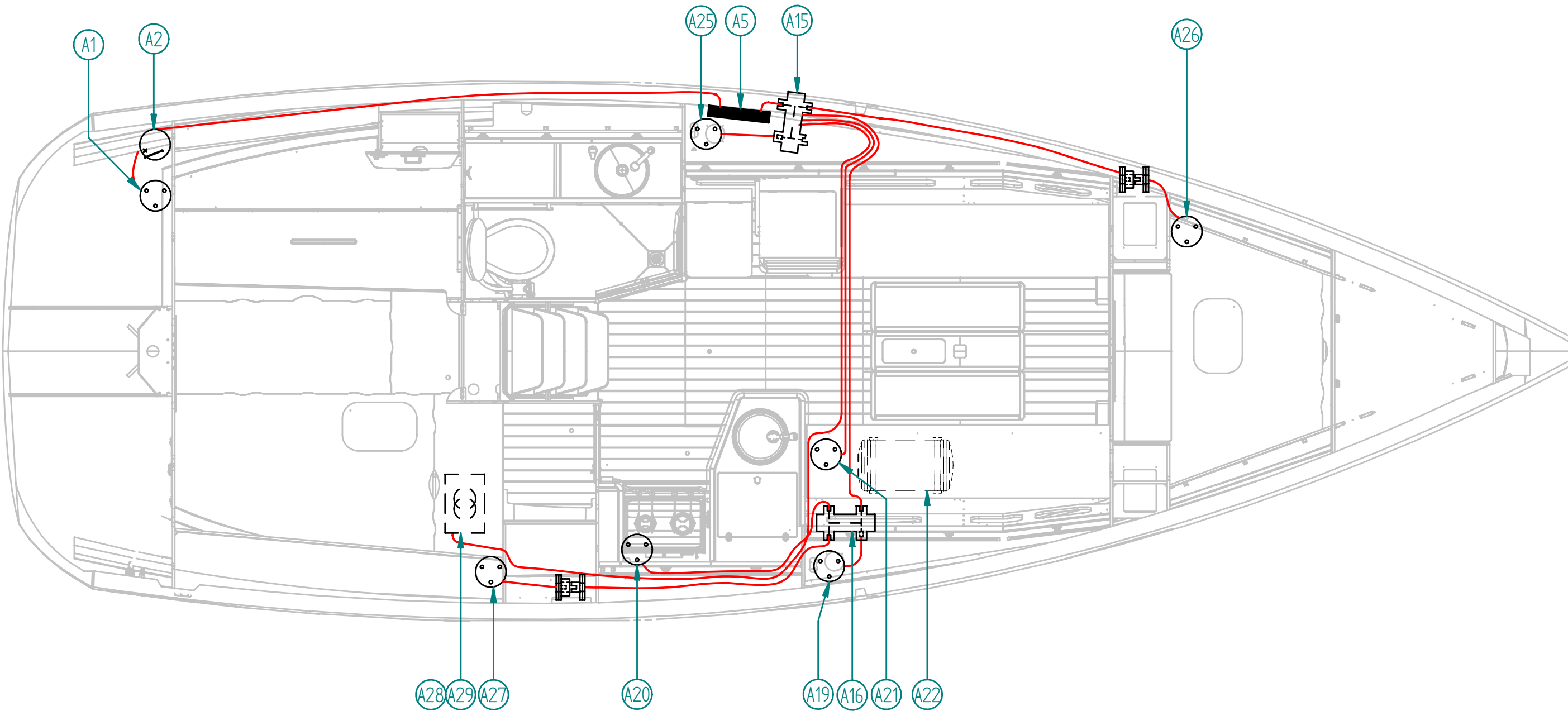
	Heating wire run
	Wire runs D 63
	Wire runs D 50
	Wire runs D 40
	Wire runs D 32





SCHEMA ELECTRICAL 220 V

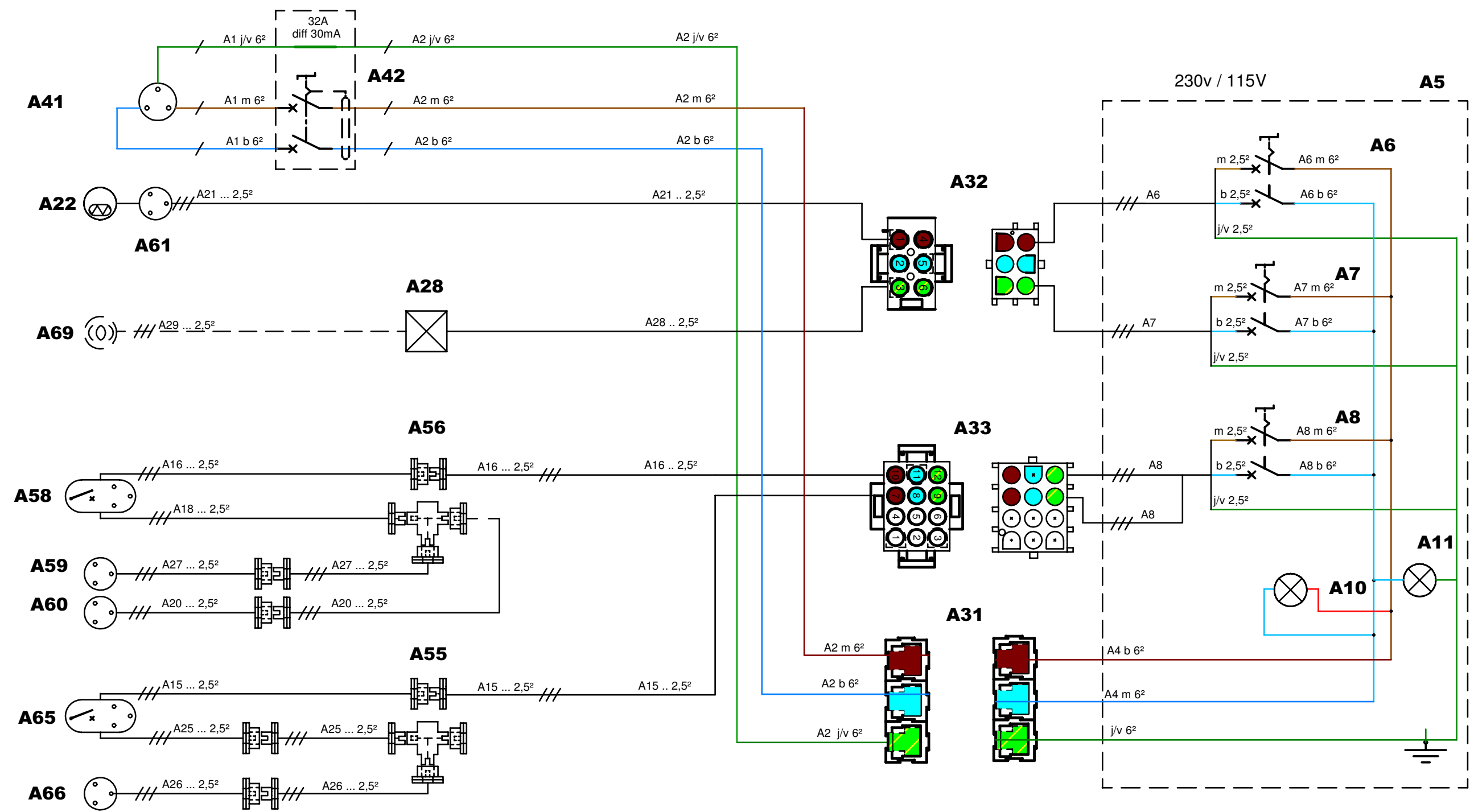
REFERENCE ON DIAGRAM	WIRE REFERENCES	AMPERAGE OR WATTAGE	FUNCTIONS
A1	A1	16A	Shore power socket
A2	A2	16A-30mA	Differential circuit breaker
A5	A5		Electrical panel 230 / 115V AC
A6	A6	15A	bipolar circuit breaker "water heater"
A7	A7	15A	bipolar circuit breaker "battery charger"
A8	A8	15A	Bipolar circuit breaker AC sockets
A10	A10		Live shore power line warning light - "Shore Power"
A11	A11	115v AC	Warning light - reversal of polarity
A15	A15		Connector 230V AC To port
A16	A16		Connector 230V AC To starboard
A19	A19		230V AC socket - starboard saloon
A20	A20		230V AC socket - microwave oven
A25	A25		230V AC socket - chart table
A26	A26		230V AC socket - port forward cabin
A27	A27		230V AC socket - starboard AFT cabin
A28	A28		Connector Charger
A29	A29	25A 230v AC	Charger (optional extra)
A31	3S1A		Connector panel supply
A32	4S1A		Connector "water heater charger"
A33	1P2A		Connector "sockets"



220V DC ELECTRICAL PASSAGE

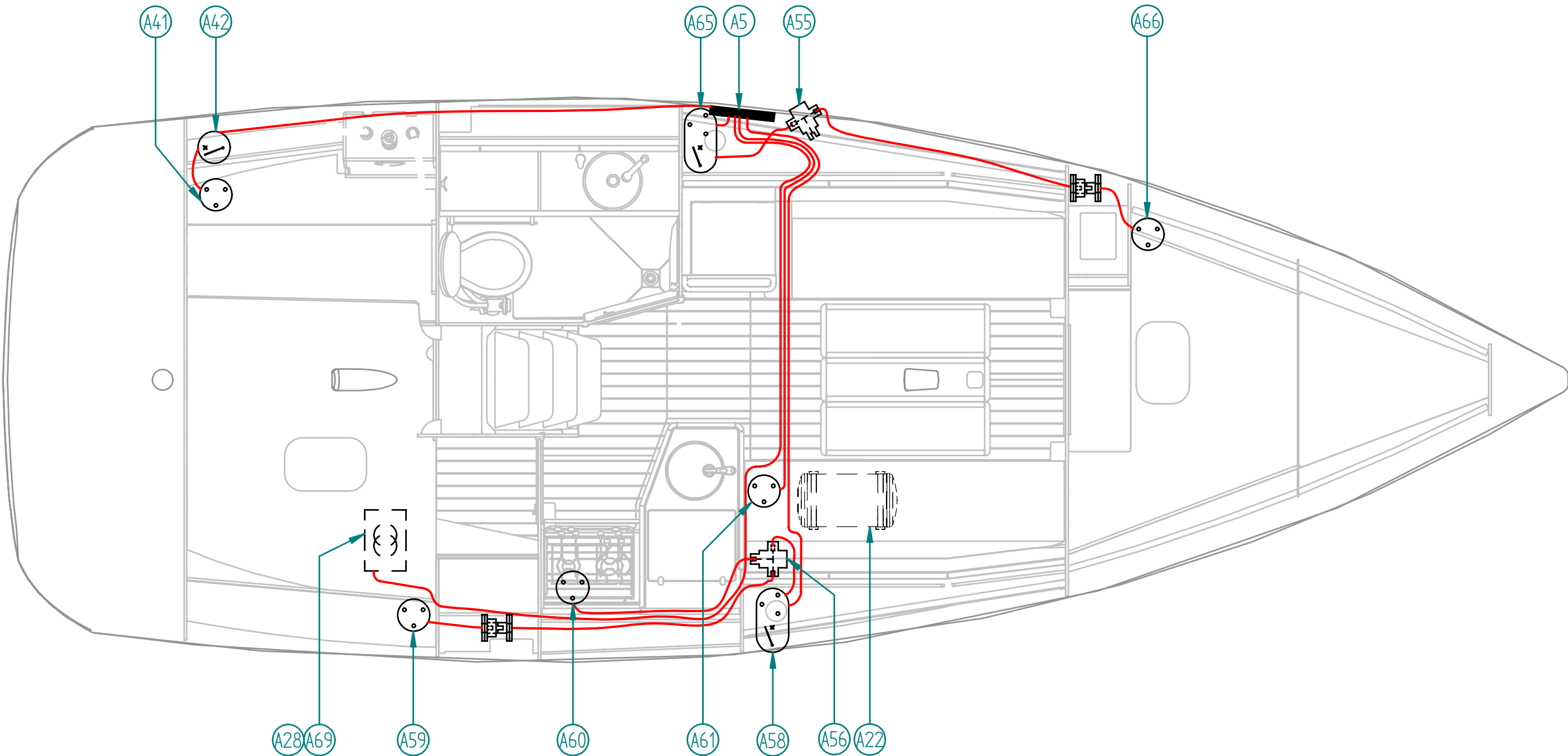
VERSION 3 CABIN

REFERENC E ON DIAGRAM	WIRE REFERENCES	AMPERAGE OR WATTAGE	FUNCTIONS
A1	A1	16A	Shore power socket
A2	A2	16A-30mA	Differential circuit breaker
A5	A5		Electrical panel 230 / 115V AC
A15	A15		Connector 230V AC To port
A16	A16		Connector 230V AC To starboard
A19	A19		230V AC socket - starboard saloon
A20	A20		230V AC socket - microwave oven
A21	A21		230V AC socket Water heater
A22	A22		Water heater
A25	A25		230V AC socket - chart table
A26	A26		230V AC socket - port forward cabin
A27	A27		230V AC socket - starboard AFT cabin
A28	A28		Loader connector
A29	A29	25A 230v AC	Charger (optional extra)



SCHEMA ELECTRICAL 110 V

REFERENCE ON DIAGRAM	WIRE REFERENCES	AMPERAGE OR WATTAGE	FUNCTIONS
A5	A5		Electrical panel 230 / 115V AC
A6	A6	15A	bipolar circuit breaker "water heater"
A7	A7	15A	bipolar circuit breaker "battery charger"
A8	A8	15A	Bipolar circuit breaker AC sockets
A10	A10		Live shore power line warning light - "Shore Power"
A11	A11	115V AC	Warning light - reversal of polarity
A22	A22		Water heater
A28	A28		Connector Charger
A31			Connector Supply Panel
A32			Connector Water heater Charger
A33			Connector Sockets
A41		32A	Shore power socket
A42		32A - 30 mA	Differential circuit breaker
A55	A15		Connector 115V AC To port
A56	A16		Connector 115V AC To starboard
A58	A18		Socket Starboard saloon (differential in 115 V)
A59	A19		115V AC socket Starboard aft cabin
A60	A20		115V AC socket - microwave oven
A65	A25		Socket Port saloon (differential in 115 V)
A66	A26		115V AC socket - port forward cabin
A69	A29	25A 115V AC	Charger (optional extra)



PASSAGE ELECTRICAL 110 V

REFERENCE ON DIAGRAM	WIRE REFERENCES	AMPERAGE OR WATTAGE	FUNCTIONS
A5	A5		Electrical panel 230 / 115V AC
A22	A22		Water heater
A28	A28		Connector Charger
A41		32A	Shore power socket
A42		32A - 30 mA	Differential circuit breaker
A55	A15		Connector 115V AC To port
A56	A16		Connector 115V AC To starboard
A58	A18		Socket Starboard saloon (differential in 115 V)
A59	A19		115V AC socket Starboard aft cabin
A60	A20		115V AC socket - microwave oven
A61	A21		115V AC socketWater heater
A65	A25		Socket Port saloon (differential in 115 V)
A66	A26		115V AC socket - port forward cabin
A69	A29	25A 115V AC	Charger (optional extra)