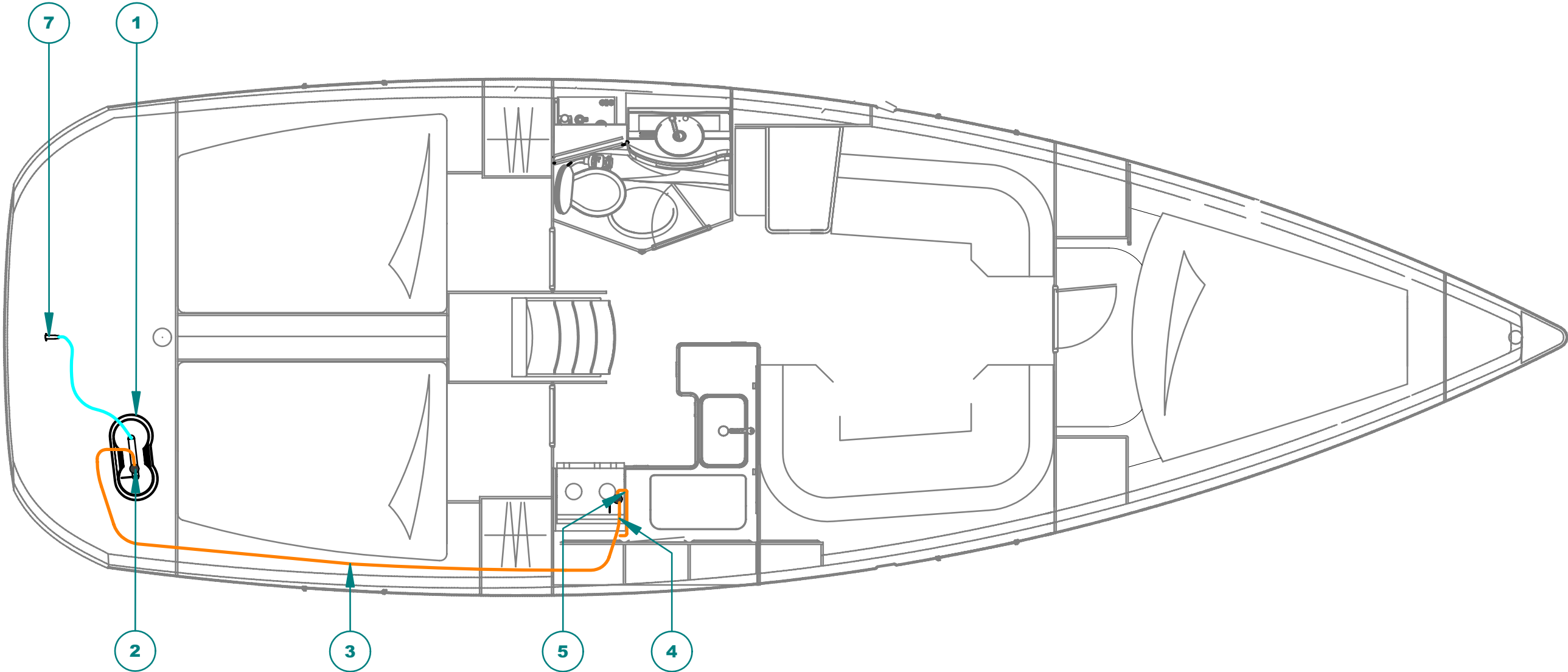




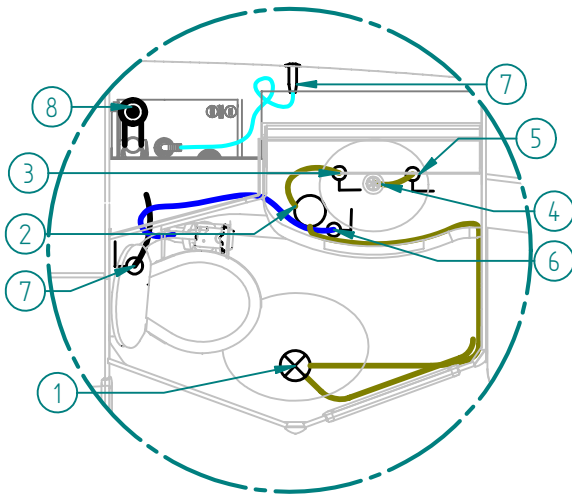
GAS SYSTEM

REFERENCE ON DIAGRAM	FUNCTIONS
1	Gas cylinder locker
2	Tap to turn off the gas - Valve on cylinder
3	Gas pipe
4	Gas rubber tubing
5	Tap to turn off the gas
6	
7	Vent hole - Gas

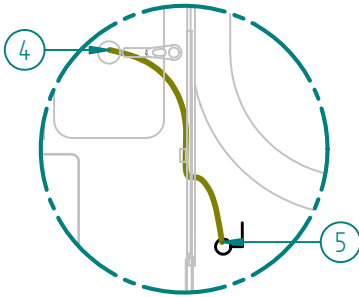
DRAINAGE OF THE BILGE

VERSION: 3 CABINS

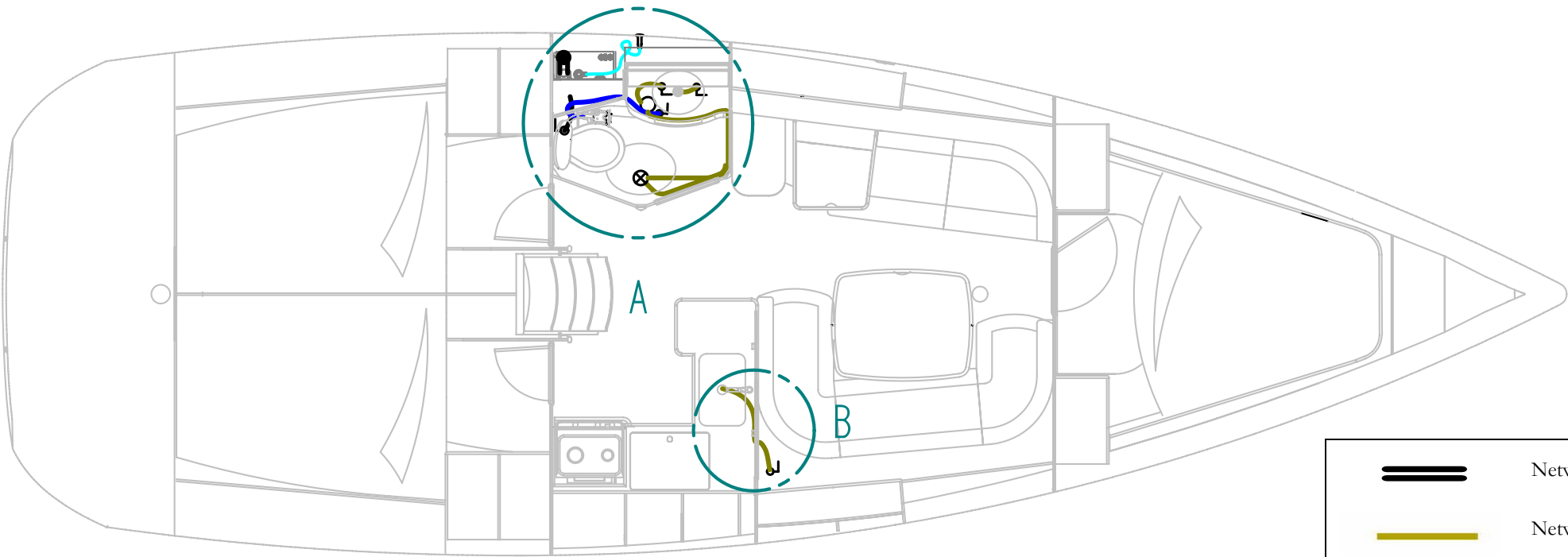
PLUMBING



DETAIL A



DETAIL B

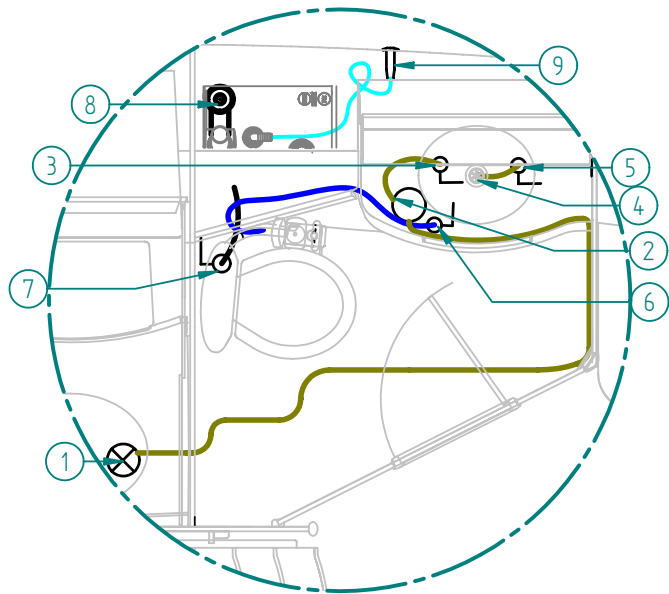


	Network for WC drainage (Heads filler)
	Network for sink/shower drainage
	Network for sea water suction
	Network for WC drainage
	Venthole network

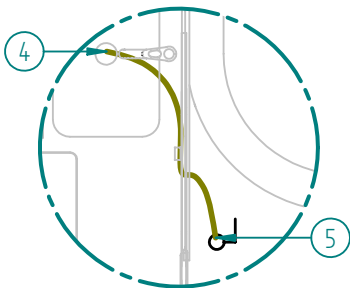
DRAINAGE OF THE BILGE

VERSION: 3 CABINS

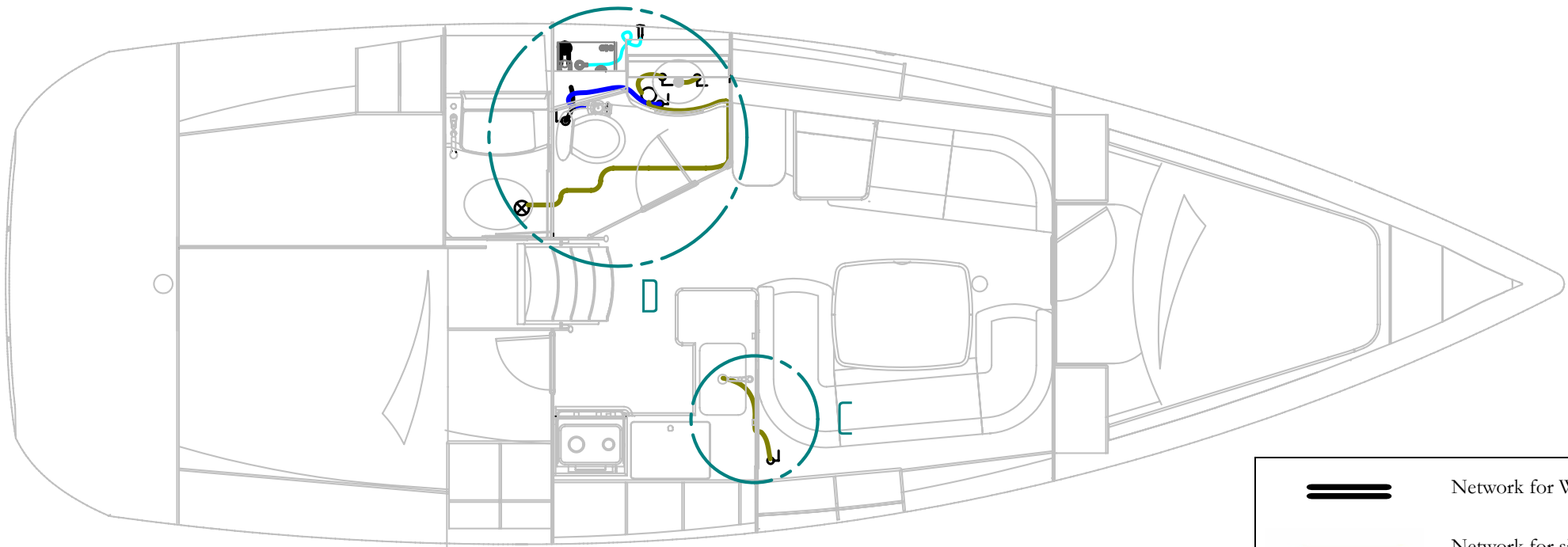
REFERENCE ON DIAGRAM	FUNCTIONS
1	Shower plug hole
2	Shower pump
3	Draining valve - Shower
5	Sink plug hole
6	Draining valve - Sink
7	Sea water suction valve - WC
8	Draining valve - WC / WHT
9	Filler cap - WHT



DETAIL D



DETAIL B



	Network for WC drainage (Heads filler)
	Network for sink/shower drainage
	Network for sea water suction
	Network for WC drainage
	Venthole network

FRESH WATER SYSTEM

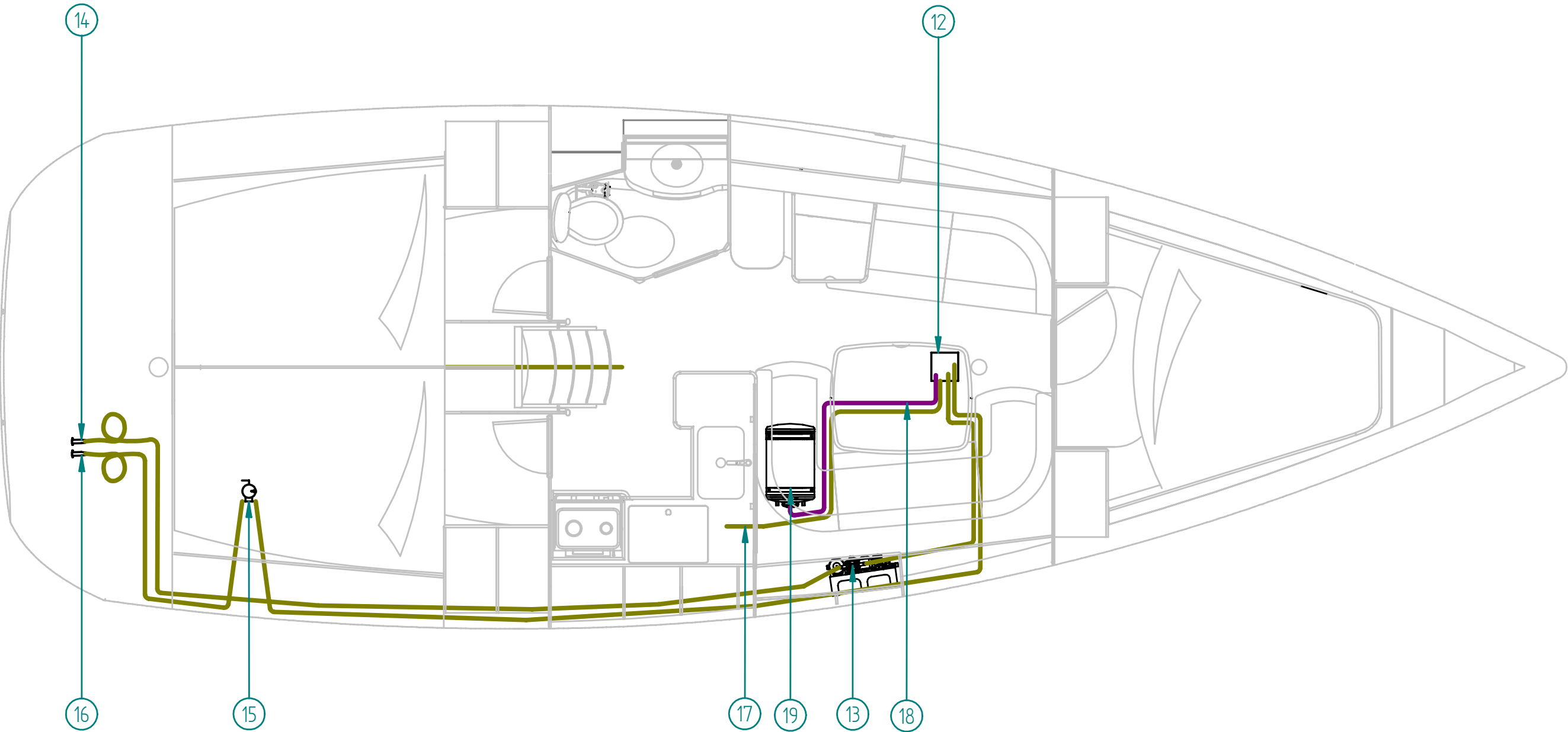
VERSION: 2 CABINS

REFERENCE ON DIAGRAM	FUNCTIONS
1	Shower plug hole
2	Shower pump
3	Draining valve - Shower
5	Sink plug hole
6	Draining valve - Sink
7	Sea water suction valve - WC
8	Draining valve - WC / WHT
9	Filler cap - WHT

DRAINAGE OF THE BILGE

ALL VERSIONS

PLUMBING



	Network for cold water drainage
	Network for water heater drainage

DRAINAGE OF THE BILGE

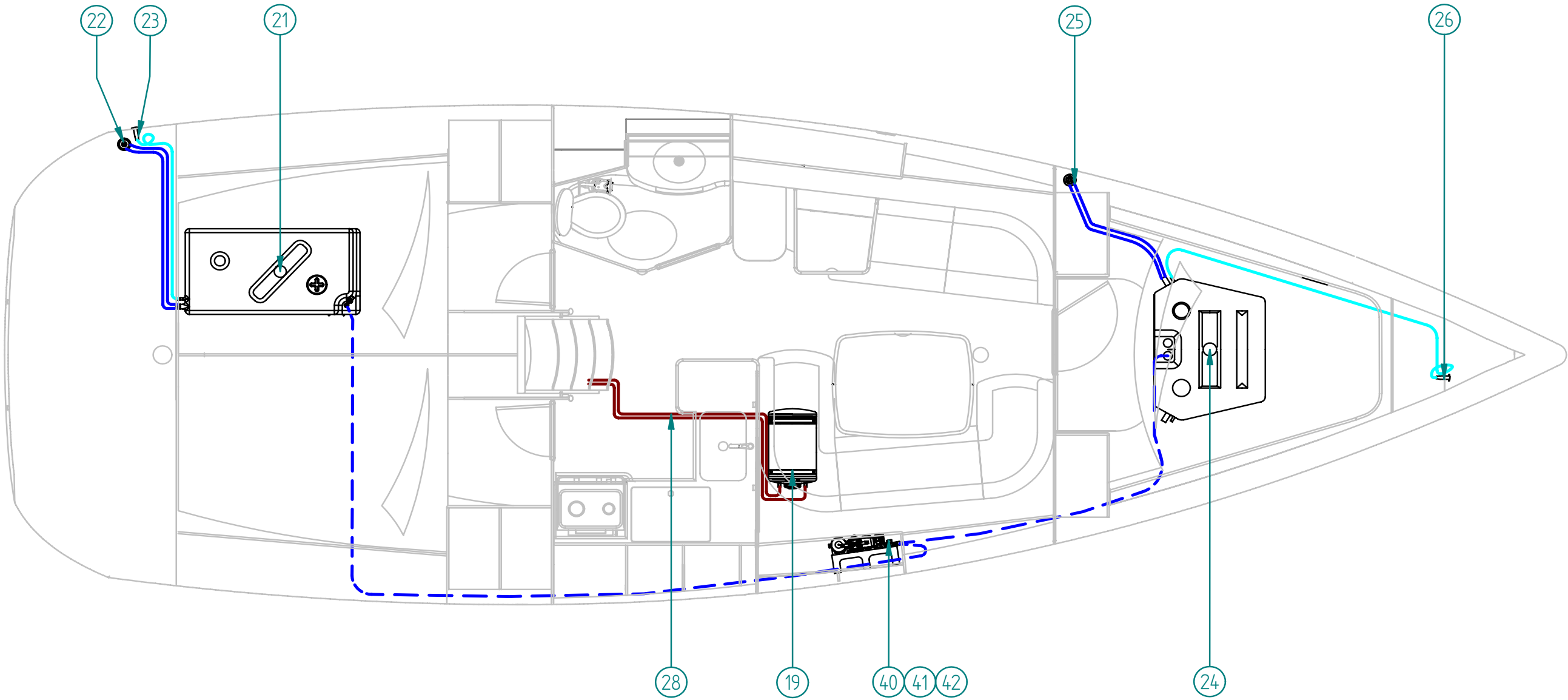
ALL VERSIONS

REFERENCE ON DIAGRAM	FUNCTIONS
10	
11	
12	Sump filter
13	Electric bilge pump
14	Drainage - Electric bilge pump
15	Manual bilge pump + By-pass
16	Drainage - Bilge pump
17	Icebox drainage
18	Boiler draining
19	Water heater

WATER TANK FILLING + WATER HEATER

ALL VERSIONS

PLUMBING



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

WATER TANK FILLING + WATER HEATER

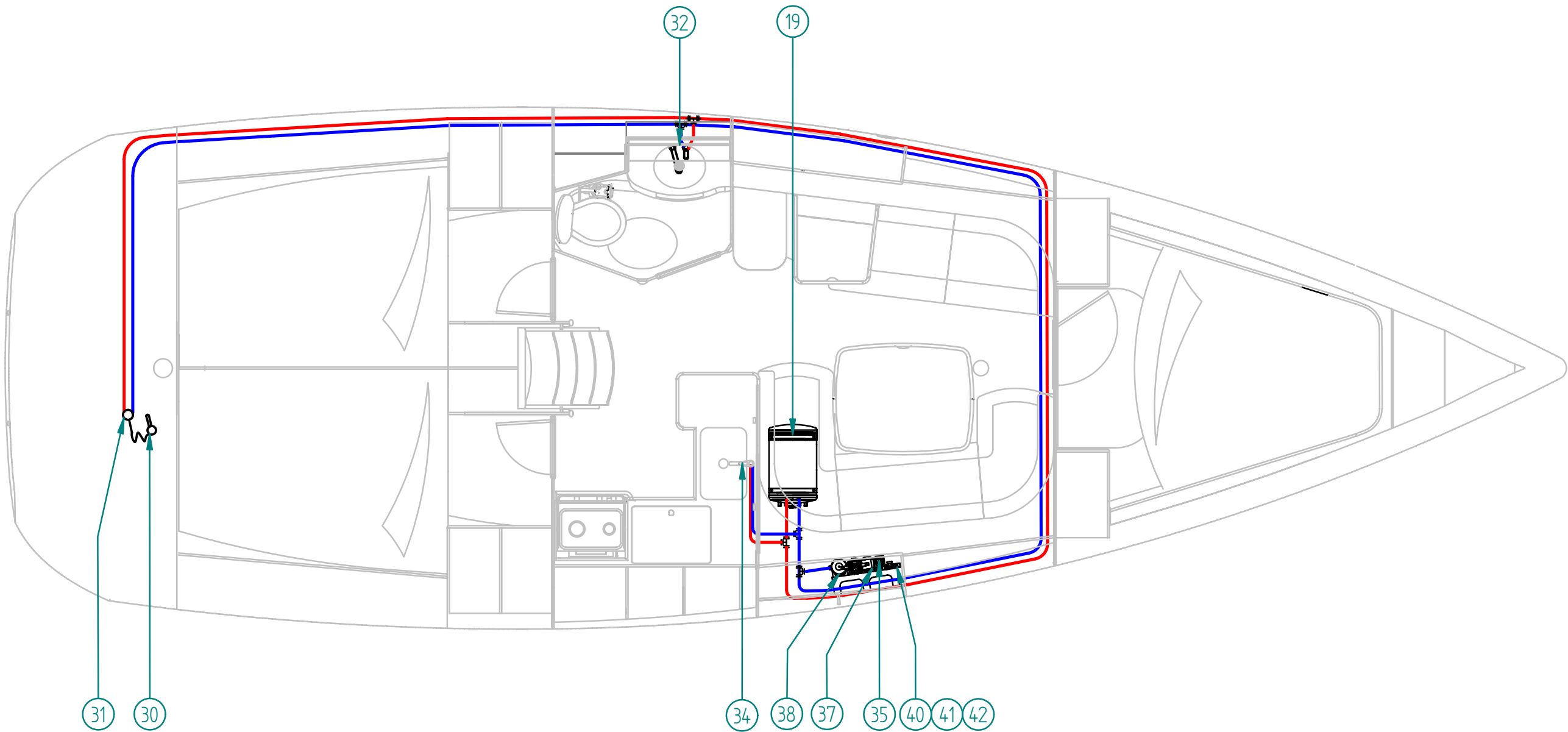
ALL VERSIONS

REFERENCE ON DIAGRAM	FUNCTIONS
19	Water heater
21	Aft water tank
22	Filler of the aft water tank
23	Vent hole - Aft water tank
24	Forward water tank
25	Filler of the forward water tank
26	Vent hole - Forward water tank
27	
28	Rubber tubes for engine coolant
29	
40	Reservoir valve 1
41	Reservoir valve 2
42	Reservoir valve 3 (Optional equipment)

FRESH WATER SYSTEM

VERSION: 3 CABINS

PLUMBING



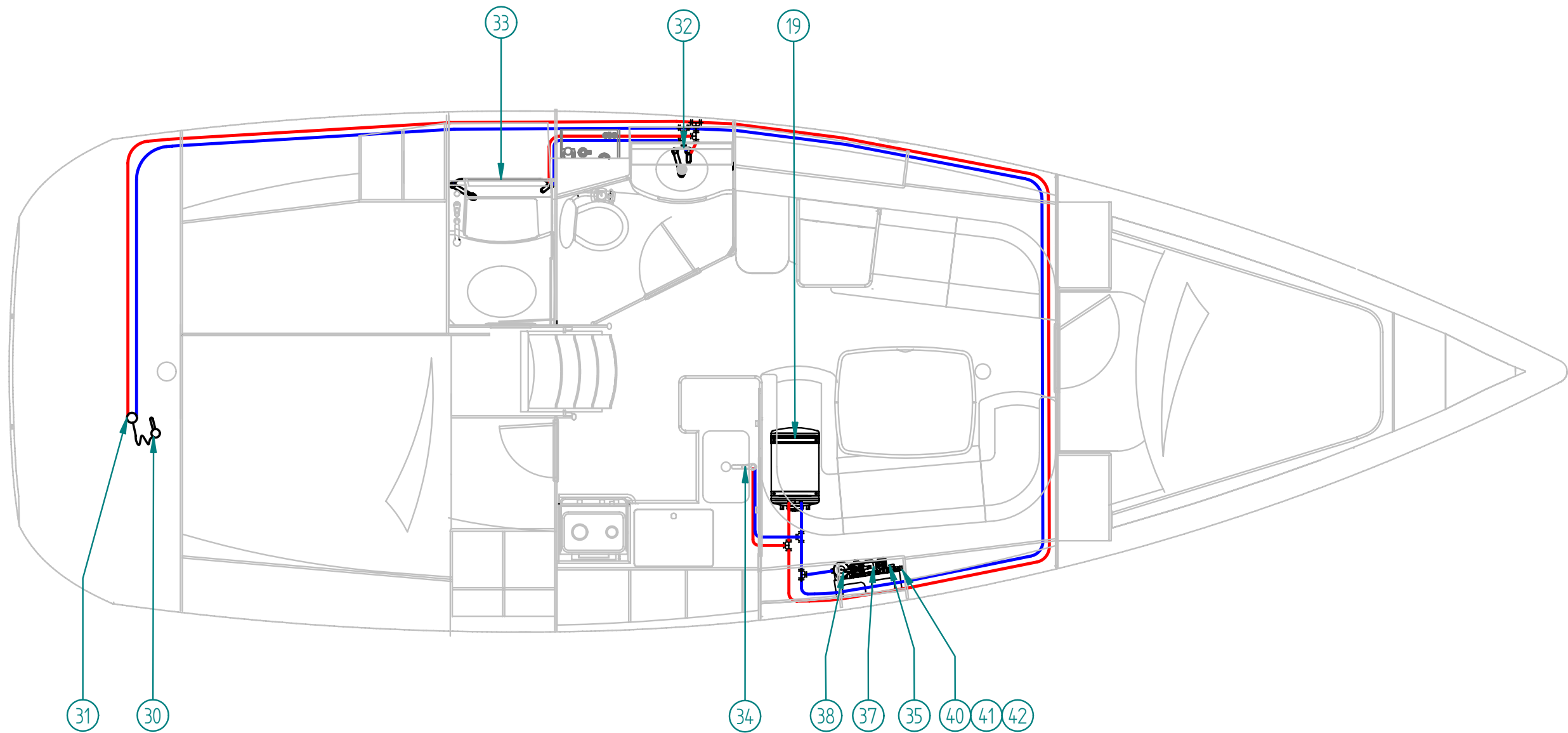
	Fresh water distribution network - Cold
	Fresh water distribution network - Warm



FRESH WATER SYSTEM

VERSION: 3 CABINS

REFERENCE ON DIAGRAM	FUNCTIONS
19	Water heater
27	
30	Deck shower
31	Deck shower mixer tap
32	Washbasin mixer tap
34	Sink mixer tap
35	Fresh water filter
37	Water unit
38	Accumulator tank
39	
40	Reservoir valve 1
41	Reservoir valve 2
42	Reservoir valve 3 (Optional equipment:)



Fresh water distribution network - Cold

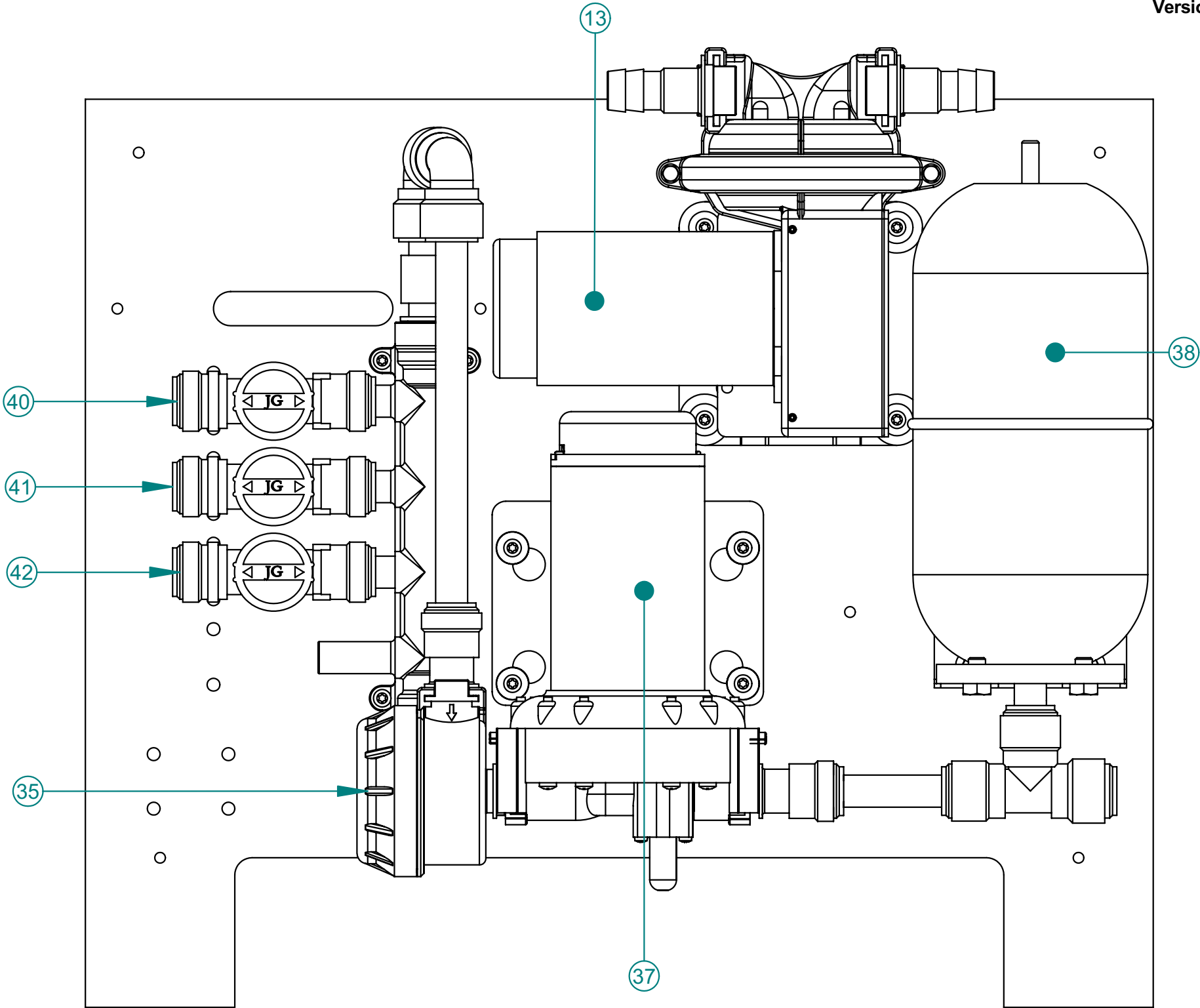
Fresh water distribution network - Warm

FRESH WATER SYSTEM

VERSION: 2 CABINS

REFERENCE ON DIAGRAM	FUNCTIONS
19	Water heater
27	
30	Deck shower
31	Deck shower mixer tap
32	Washbasin mixer tap
33	Mixer tap + Shower
34	Sink mixer tap
35	Fresh water filter
37	Water unit
38	Accumulator tank
39	
40	Reservoir valve 1
41	Reservoir valve 2
42	Reservoir valve 3 (Optional equipment)

Version : toutes



FRESH WATER SYSTEM

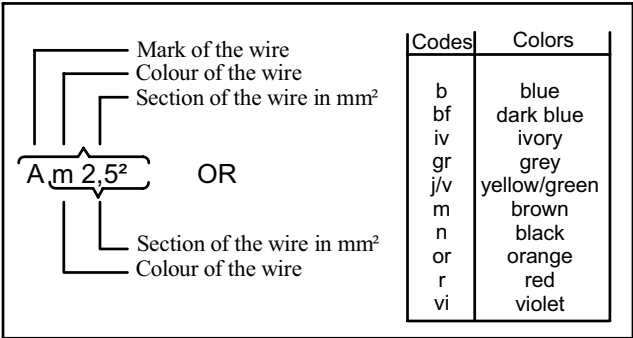
ALL VERSIONS

REFERENCE ON DIAGRAM	FUNCTIONS
13	Electric bilge pump
27	
35	Fresh water filter
37	Water unit
38	Accumulator tank
39	
40	Reservoir valve 1
41	Reservoir valve 2
42	Reservoir valve 3 (Optional equipment:)

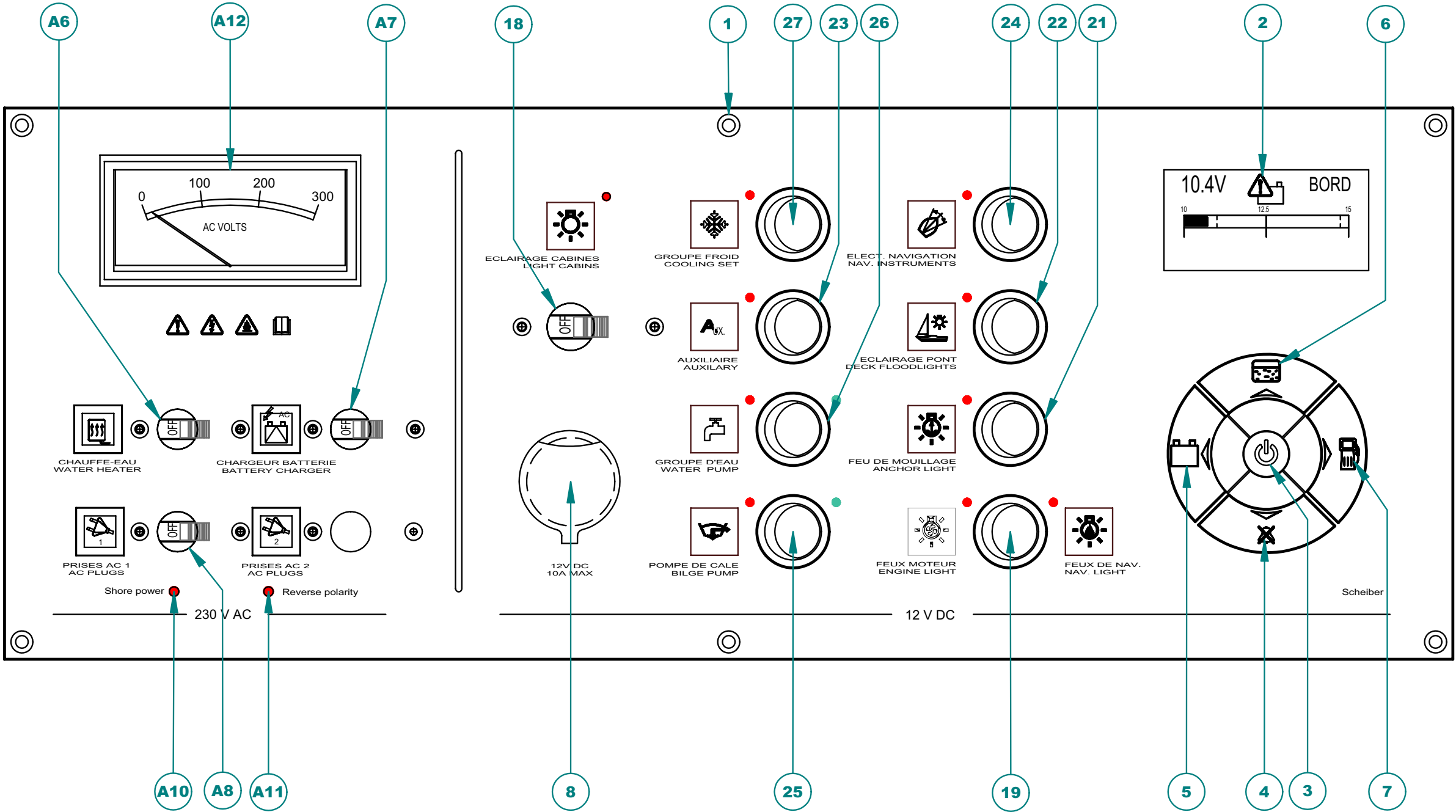
12 V DC CAPTION

	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		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		

References of the wires

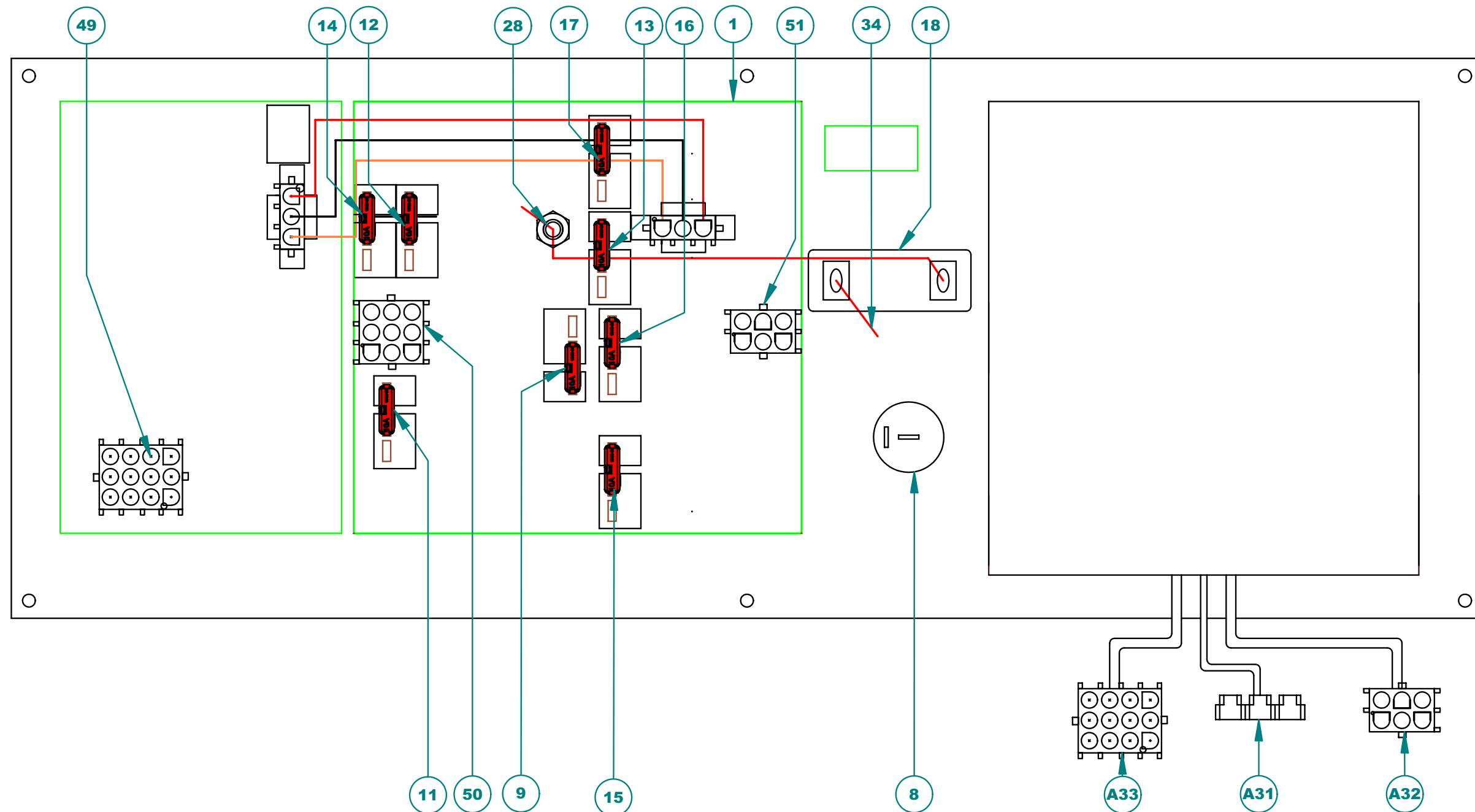


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F04	ELECTRICAL PANEL WIRING	
F05	ELECTRICAL PANEL WIRING	
F06	ELECTRICAL PANEL - BREAKERS	
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F09	ELECTRIC JUNCTION PANEL	
F10	12 V DC ELECTRICAL PASSAGE (POWER - ENGINE - WINDLASS)	
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F12		
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F15	12 V DC ELECTRICAL DIAGRAM AND PASSAGE (FORWARD CABIN)	A3
F16	12 V DC ELECTRICAL DIAGRAM AND PASSAGE (SALOON, GALLEY)	A3
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F30	230 V AC ELECTRICAL SCHEMATIC DIAGRAM	
F31	230 V AC ELECTRICAL PASSAGE (VERSION 3 CABINS)	
F32	230 V AC ELECTRICAL PASSAGE (VERSION 2 CABINS)	
F33		
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F36	155 V AC ELECTRICAL PASSAGE (VERSION 3 CABINS)	
F37	155 V AC ELECTRICAL PASSAGE (VERSION 2 CABINS)	
F38		
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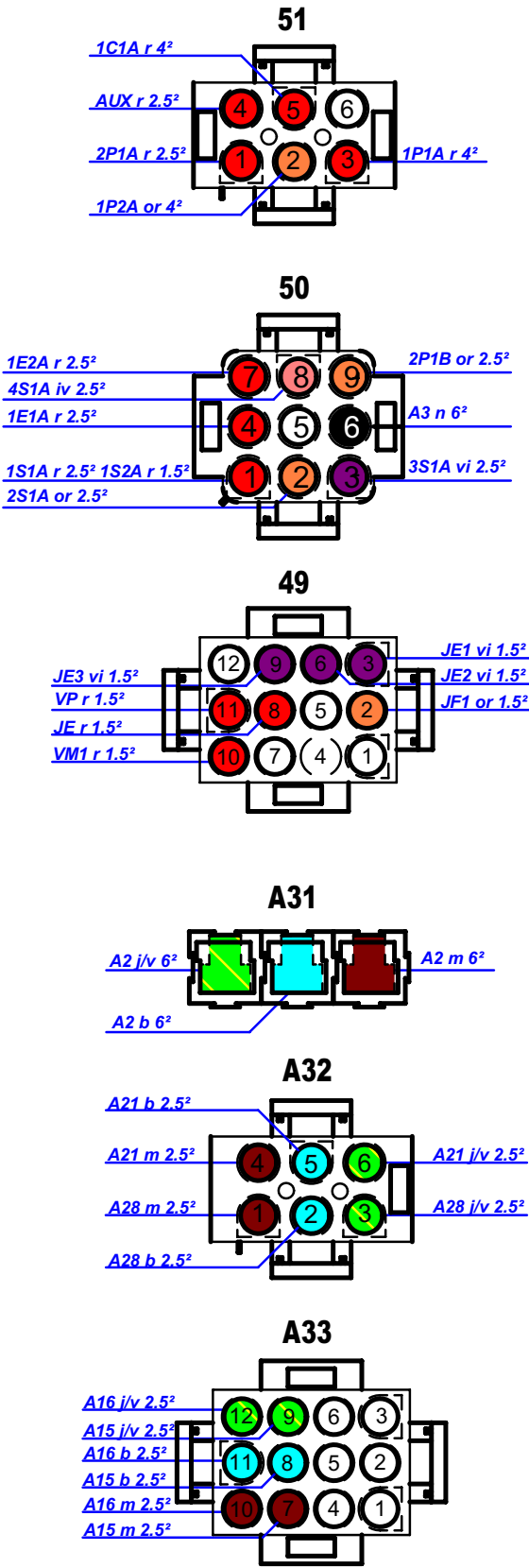
ELECTRICAL PANEL

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
1			Electrical panel "DC AMPS / 12 V VOLTS DC"
2			Multi-function display
3			Change over switch - voltmeter inlet - Water gauge / Fuel oil gauge
4			Selector - Contrast
5			Selector - Voltmeter
6			Selector - Water gauge
7			Selector - Fuel oil gauge
8	1F1A		12 V DC socket - Electrical panel
10			
18	A2	50 A	General circuit breaker "Interior lighting"
19			Switch "Navigation light / Engine navigation light"
20			
21			Switch "Mooring light"
22			Switch "Deck light"
23			Switch "Auxiliary" (Optional equipment:)
24			Switch "Navigation electronics"
25			Switch "Bilge pump"
26			Switch "Water unit"
27			Switch "Refrigeration unit"
28			Supply - Electrical panel
29			



ELECTRICAL PANEL WIRING

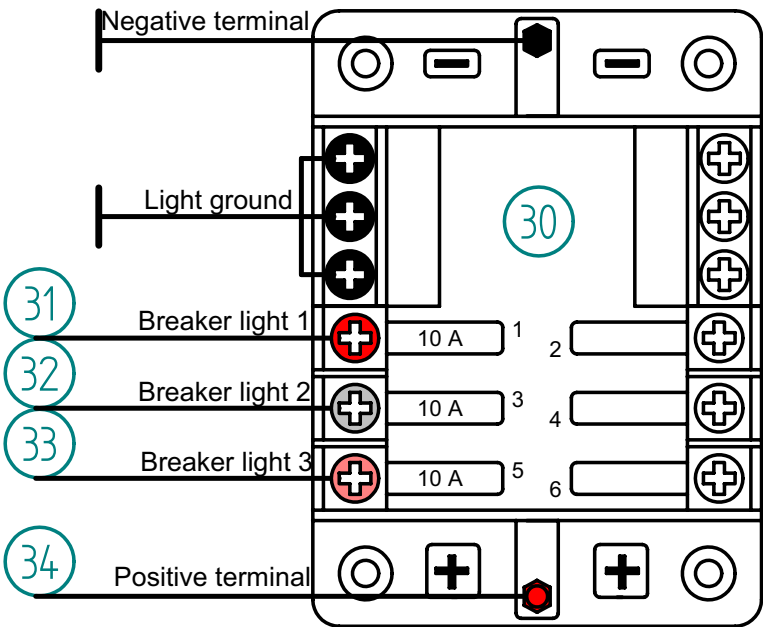
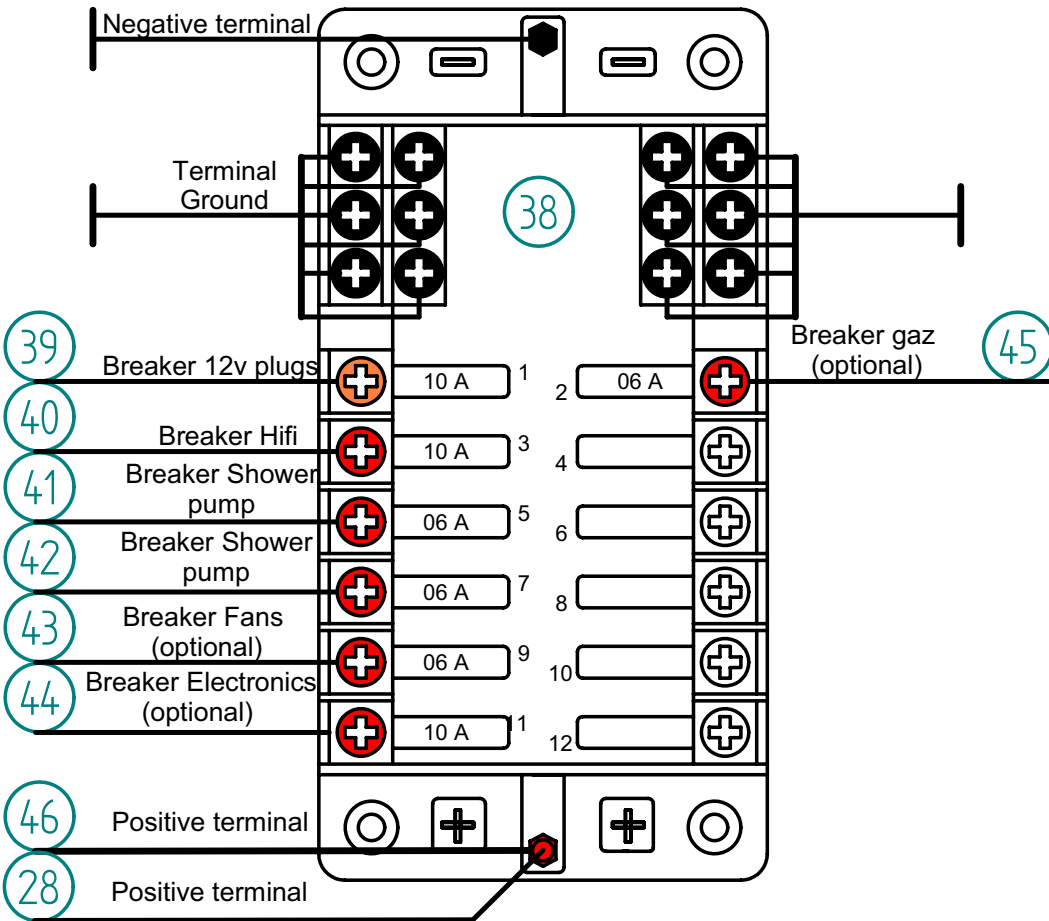
REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
1			Electrical panel "DC AMPS / 12 V VOLTS DC"
8	1F1A		12 V DC socket - Electrical panel
9	1S1A-1S2A	10 A	Breaker "Navigation light /Engine navigation light"
10			
11	3S1A	10 A	Breaker "Mooring light"
12	4S1A	10 A	Breaker "Deck light"
13	OPT	10 A	Breaker "Auxiliary" (Optional equipment:)
14	1E(1,2)A	10 A	Breaker "Navigation electronics"
15	1P1A-1P2A	10 A	Breaker "Bilge pump"
16	2P1A-2P1B-JE	10 A	Breaker "Water unit"
17	1C1A	10 A	Breaker "Refrigeration unit"
18	A2	50 A	General circuit breaker "Interior lighting"
28			Supply - Electrical panel
29			
34			General circuit breaker "Interior lighting"
35			
48			
49			12 way connector : Electrical panel - Hull system
49-1			
49-2	JF		Fuel oil tank
49-3	JE1		Water reservoir No 1
49-4			
49-5			
49-6	JE2		Water reservoir No 2
49-7			
49-8	JE		Supply - Water probe
49-9	JE3		Water reservoir No 3 (Optional equipment:)
49-10	VM1		Engine battery
49-11	VP		Auxiliary battery (Optional equipment:)
49-12			
50			9 way connector : Electrical panel - Hull system
50-1	1S1A-1S2A		Navigation light
50-2	2S1A		Engine navigation light
50-3	3S1A		Mooring light
50-4	1E1A		Navigation electronics
50-5			
50-6	A3		Ground
50-7	1E2A		Navigation electronics
50-8	4S1A		Deck light
50-9	2P1B		Water system (Entrance - Led)
51			6 way connector : Electrical panel - Hull system
51-1	2P1A		Fresh water unit
51-2	1P1A		Automatic bilge pump
51-3	1P1A		Manual bilge pump
51-4	AUX		Auxiliary
51-5	1C1A		Refrigeration unit
51-6			
52			



ELECTRICAL PANEL WIRING

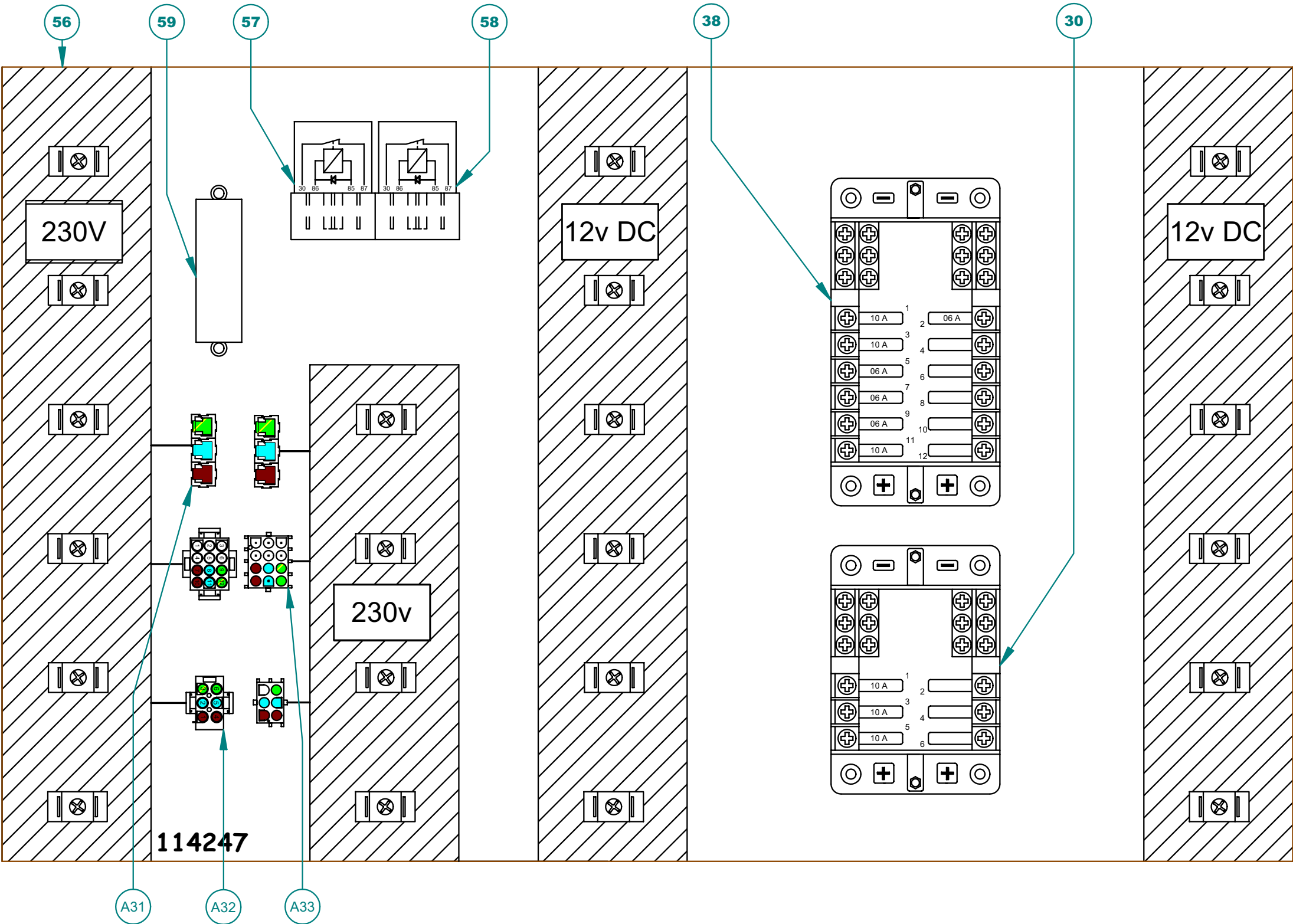
REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
49			12 way connector : Electrical panel - Hull system
49-1			
49-2	JF		Fuel oil tank
49-3	JE1		Water reservoir No 1
49-4			
49-5			
49-6	JE2		Water reservoir No 2
49-7			
49-8	JE		Supply - Water probe
49-9	JE3		Water reservoir No 3 (Optional equipment)
49-10	VM1		Engine battery
49-11	VP		Auxiliary battery (Optional equipment)
49-12			
50			9 way connector : Electrical panel - Hull system
50-1	1S1A-1S2A		Navigation light
50-2	2S1A		Engine navigation light
50-3	3S1A		Mooring light
50-4	1E1A		Navigation electronics
50-5			
50-6	A3		Ground
50-7	1E2A		Navigation electronics
50-8	4S1A		Deck light
50-9	2P1B		Water system (Entrance - Led)
51			6 way connector : Electrical panel - Hull system
51-1	2P1A		Fresh water unit
51-2	1P1A		Automatic bilge pump
51-3	1P1A		Manual bilge pump
51-4	AUX		Auxiliary
51-5	1C1A		Refrigeration unit
51-6			
52			

A31			Connector "Supply - Panel"
A32			Connector "Water heater - Charger"
A33			Connector "Sockets"



PANEL - BREAKER

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
28			Supply - Electrical panel
29			
30			Electric terminal - Lighting "DC AMPS / 12 V VOLTS DC"
31	1L1A	10 A	Breaker "Interior lights 1"
32	2L1A - 2L2A	10 A	Breaker "Interior lights 2"
33	3L1A - 3L2A	10 A	Breaker "Interior lights 3"
34			General circuit breaker "Interior lighting"
35			
36			
37			
38			Electric terminal "DC AMPS / 12 V VOLTS DC"
39	1F(1,2,3,4)A	10 A	Breaker "12 V DC sockets"
40	1HFI1A-	10 A	Breaker "VHF / HiFi"
41	3P1A	06 A	Breaker "Shower pump"
42	4P1A	06 A	Breaker "Shower pump"
43	1VE1A - 1VE2A	06 A	Breaker "Ventilators" (Optional equipment:)
44	2E1A	10 A	Breaker "Navigation electronics"
45	GAZ	06 A	Breaker "Electromagnetic valve for gas" (Optional equipment:)
46	A1		Electric terminal "Fuse - house"
47		10 A	Breaker "Navigation electronics - 2"
48			



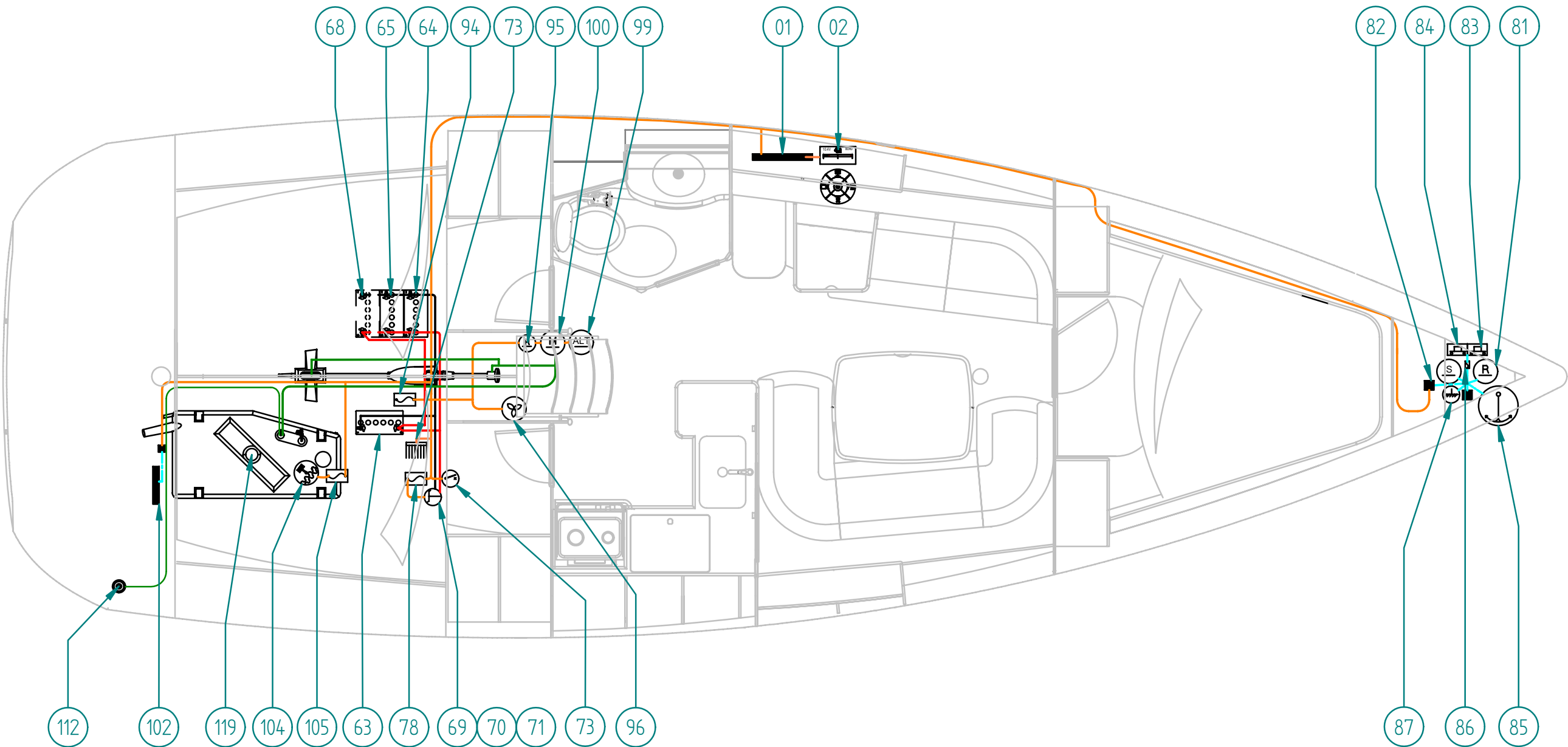
ELECTRIC JUNCTION PANEL

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
30			Electric terminal - Lighting "DC AMPS / 12 V VOLTS DC"
37			
38			Electric terminal "DC AMPS / 12 V VOLTS DC"
48			
55			
56			Electrical panel mount
57	1E1A-1E1B-1E3A		Relay box - Auto pilot (Optional equipment:)
58	1E3A-2E1A		Relay box - Exterior tractor (Optional equipment:)
59	AUX-1E2A-1E1A		Barette - Optional equipment:
60			

12 V DC ELECTRICAL PASSAGE (POWER)

ALL VERSIONS

ELECTRICITY

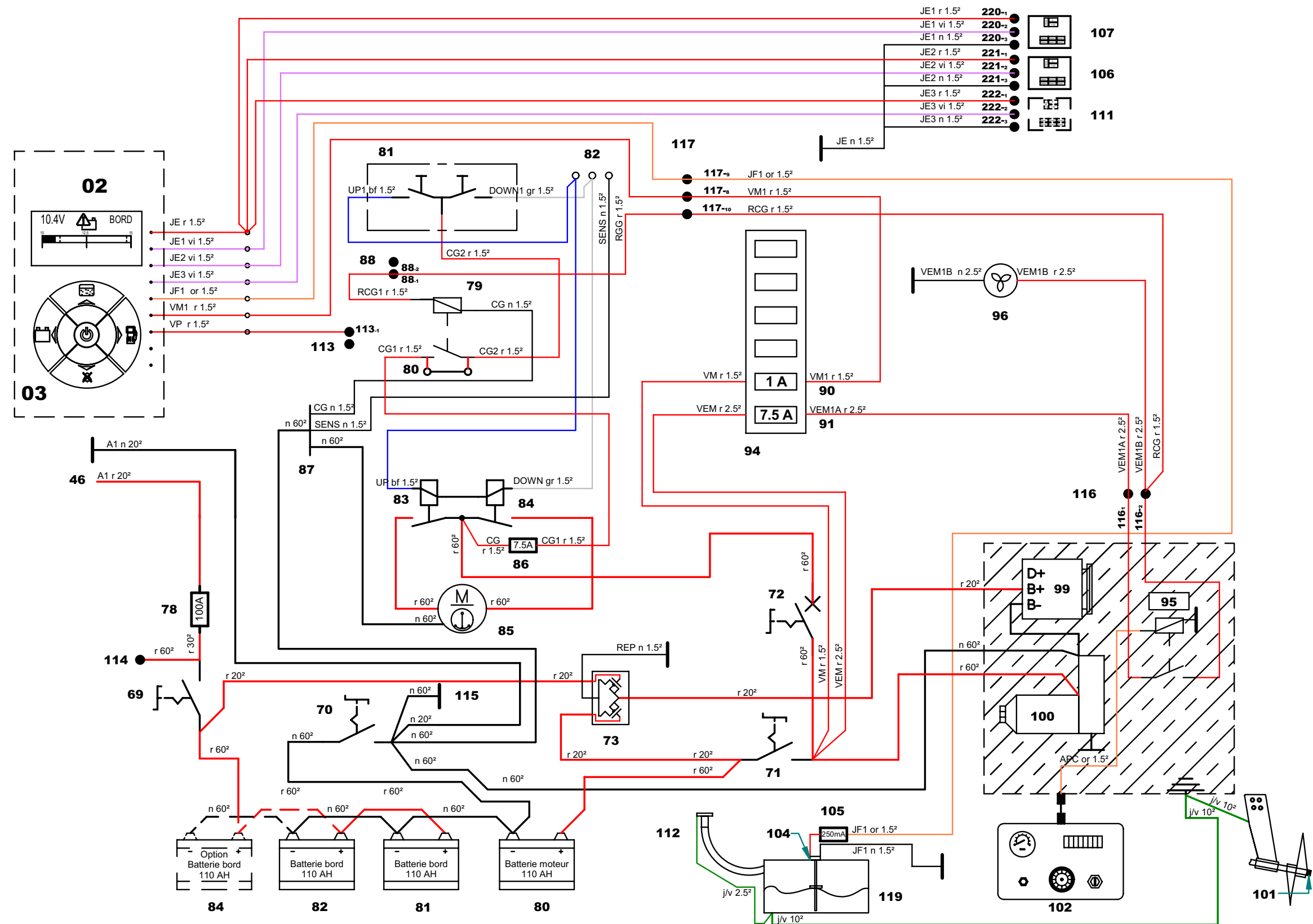


12 V DC ELECTRICAL PASSAGE (POWER)

ALL VERSIONS

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
1			Electrical panel "DC AMPS / 12 V VOLTS DC"
2			Multi-function display
62			
63		110 Ah	Engine battery
64		110 Ah	House battery 1
65		110 Ah	House battery 2
67			
68		110 Ah	House battery (Optional equipment:)
69		150 A	Battery switch "Positive house"
70		150 A	Battery switch "Negative terminal"
71		150 A	Battery switch "Positive engine"
72		100 A	Windlass circuit breaker
73		70-120 A	Charge divider (depending on engine version)
74			
78		100 A	General fuse - House
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		1 000 W	12 V DC electric windlass
86	CG-CG1-CG2	7,5 A	Safety fuse of windlass safety box supply
87	CG-SENS		Ground connecting terminal panel - Electric windlass
89			
94			Fuse box holder
95			Relay box:- Safety - Engine
96	VEM1B	52 W	Engine compartment ventilator
97			
99		80-90-120 A	Engine alternator (depending on engine version)
100		1 800 W	Engine starter
102			Engine panel
103			
104	JF1		Fuel oil gauge transmitter
105	JF1	250 mA	Safety fuse of fuel oil gauge
112			Fuel oil tank filler
119			Fuel tank
120			

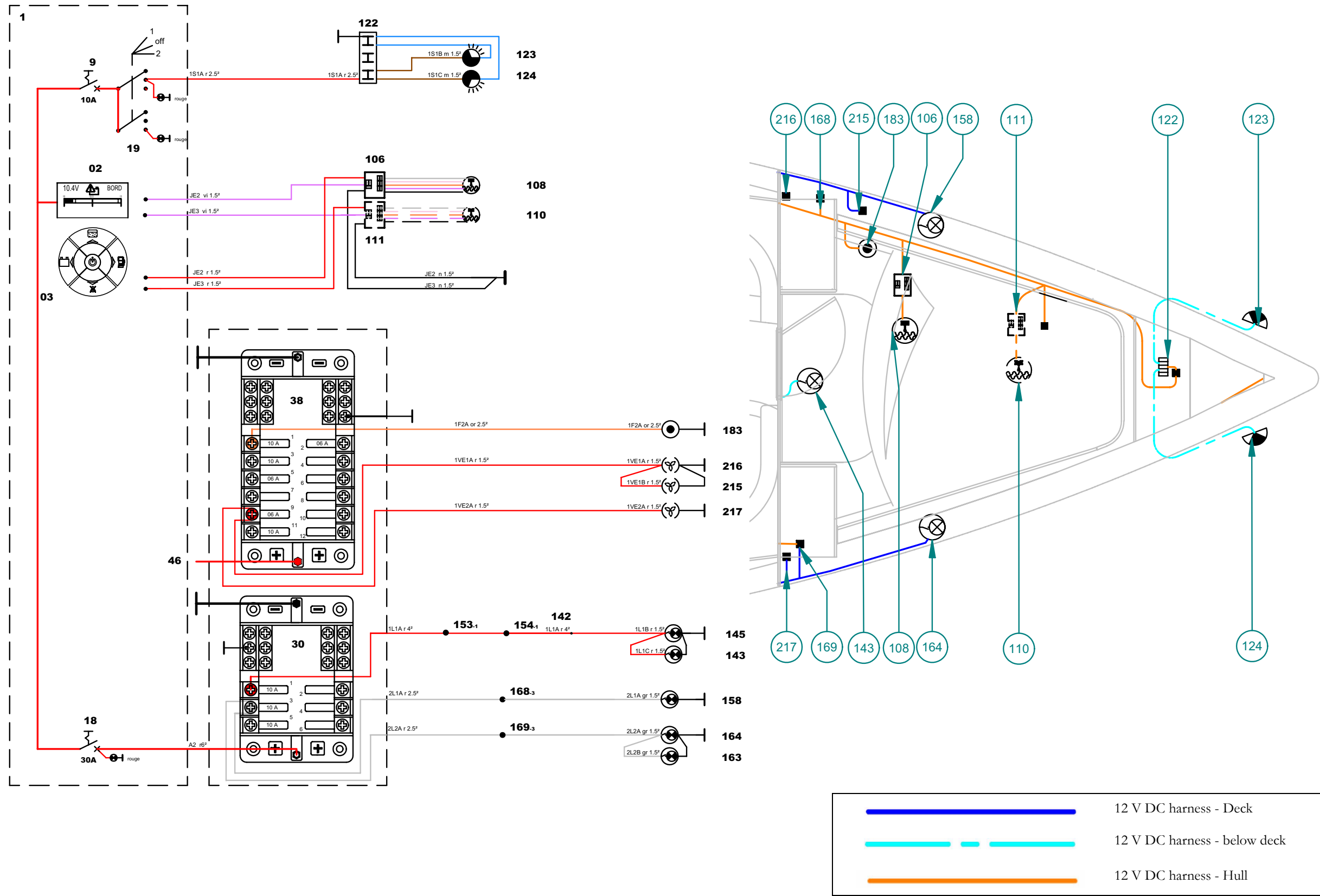
12 V DC ELECTRICAL SCHEMATIC DIAGRAM (POWER - ENGINE - WINDLASS)



12 V DC ELECTRICAL SCHEMATIC DIAGRAM (POWER - ENGINE - WINDLASS)

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS	REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
2			Multi-function display	91	VEM-VEM1A	7,5 A	Safety fuse of bilge ventilator
3			Change over switch - voltmeter inlet - Water gauge / Fuel oil gauge	93			
54				94			Fuse box holder
55				95			Relay box: Safety - Engine
62				96	VEM1B	52 W	Engine compartment ventilator
63		110 Ah	Engine battery	97			
64		110 Ah	House battery 1	99		80-90-120 A	Engine alternator (depending on engine version)
65		110 Ah	House battery 2	100		1 800 W	Engine starter
66				101			Anode on drive shaft
68		110 Ah	House battery (Optional equipment:)	102			Engine panel
69		150 A	Battery switch "Positive house"	103			
70		150 A	Battery switch "Negative terminal"	104	JF1		Fuel oil gauge transmitter
71		150 A	Battery switch "Positive engine"	105	JF1	250 mA	Safety fuse of fuel oil gauge
72		100 A	Windlass circuit breaker	106	JE2		Control box: Water level - Forward tank
73		70-120 A	Charge divider (depending on engine version)	107	JE1		Control box: Water level - Aft tank
74				108			Gauge - Forward tank
78		100 A	General fuse - House	109			Gauge - Aft tank
79			Safety box - Electric windlass	110			Gauge - Forward tank (Optional equipment:)
80			No shunt so that the windlass works after the start of the engine	111	JE3		Control box: Water level - Forward tank (Optional equipment:)
81	UP1-DOWN1		Control relay of electric windlass	112			Fuel oil tank filler
82			3 way connector : Windlass system - Dual control harness and windlass chain meter	113	VP		Wiring for optional bow thruster voltmeter
83	UP		Up relay on electric windlass	114			Panel - Optional equipment:
84	DOWN		Down relay on electric windlass	115			Panel - Ground (Optional equipment:)
85		1 000 W	12 V DC electric windlass	116			2 way connector : Engine - Engine system
86	CG-CG1-CG2	7,5 A	Safety fuse of windlass safety box supply	117			10 way connector : Engine system - Hull system
87	CG-SENS		Ground connecting terminal panel - Electric windlass	118			
88			2 way connector : Windlass system - Hull harness	119			Fuel tank
89				120			
90	VM-VM1	1 A	Safety fuse of the engine voltmeter				

12 V DC ELECTRICAL SCHEMATIC DIAGRAM - FORWARD CABIN

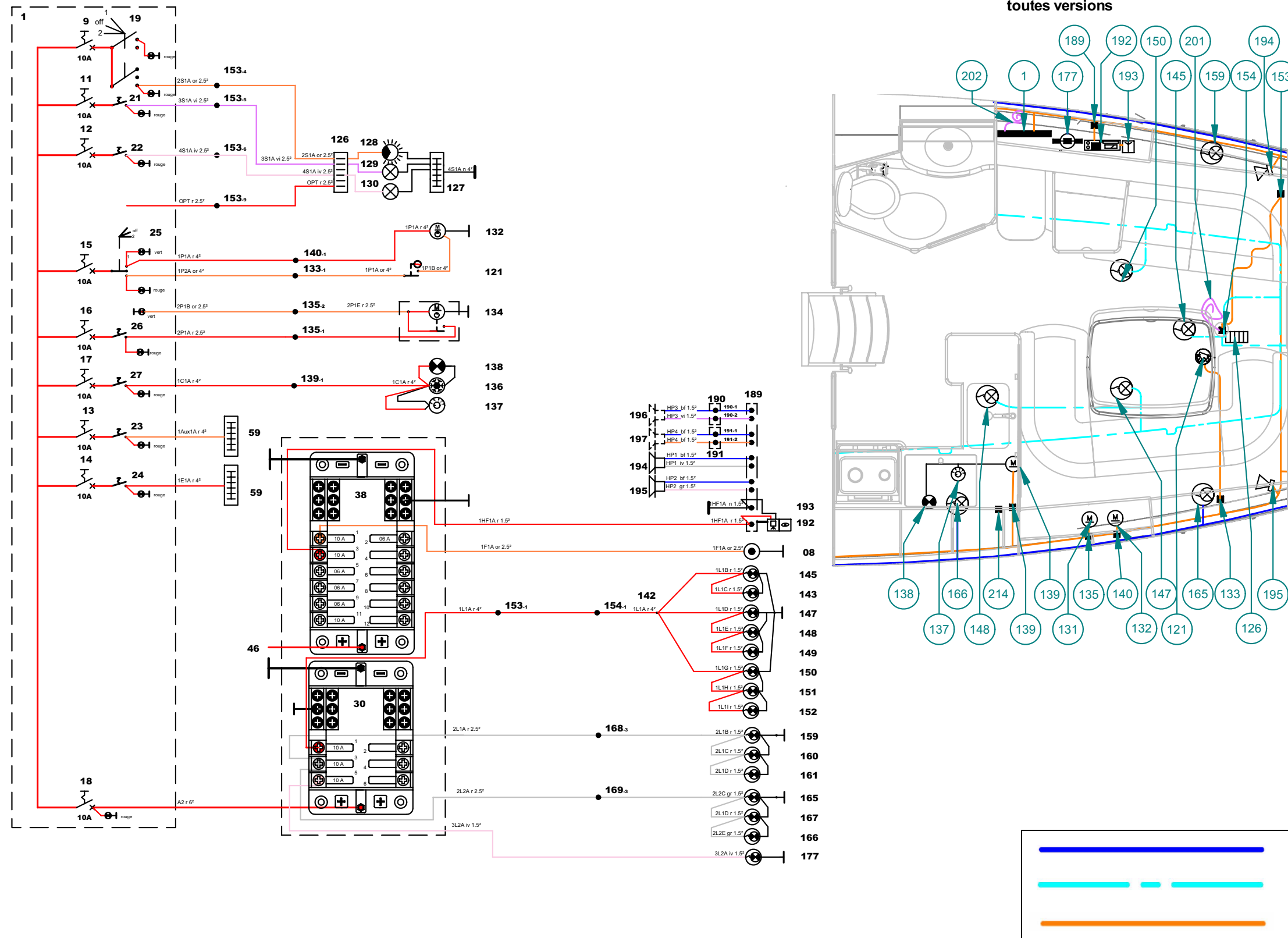


12 V DC ELECTRICAL SCHEMATIC DIAGRAM - FORWARD CABIN

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
1			Electrical panel "DC AMPS / 12 V VOLTS DC"
2			Multi-function display
3			Change over switch - voltmeter inlet - Water gauge / Fuel oil gauge
9	1S1A-1S2A	10 A	Breaker "Navigation light / Engine navigation light"
10			
18	A2	50 A	General circuit breaker "Interior lighting"
19			Switch "Navigation light / Engine navigation light"
20			
30			Electric terminal - Lighting "DC AMPS / 12 V VOLTS DC"
37			
38			Electric terminal "DC AMPS / 12 V VOLTS DC"
46	A1		Electric terminal - "Fuse - house"
52			
106	JE2		Control box: Water level - Forward tank
108			Gauge - Forward tank
110			Gauge - Forward tank (Optional equipment:)
111	JE3		Control box: Water level - Forward tank (Optional equipment:)
113	VP		Wiring for optional bow thruster voltmeter
121	2P1A		Float switch - bilge pump
122	1S1A		Terminal strip : Forward navigation lights
123	1S1B	25 W	Navigation light - forward port
124	1S1C	25 W	Navigation light - forward starboard
141			
142	1L..		1L shunt
143	1L1C	5 W	Overhead light with switch - Forward cabin
144			
145	1L1B 1L1C	5 W	Overhead light with switch - Saloon - Forward
153			10 way connector : Deck system - Pillar
154			2 way connector : Deck system - Pillar
156			
158	2L1A	5 W	Overhead light with switch - Port forward cabin
163			
164	2L2A	5 W	Overhead light with switch - Starboard forward cabin
168			4 way connector : Hull system - Gangway - To port
169			4 way connector : Hull system - Gangway - To starboard
171			
183	1F2A		12 V DC socket - Port forward cabin
187			
215	1VE1A-1VE1B		Precabling - Ventilator - Forward cabin
216	1VE1B		Precabling - Ventilator - Port saloon
217	1VE2A		Precabling - Ventilator - Starboard saloon
220	JE2		3 way connector : Hull system - Control box - Water level - Forward tank
222	JE3		3 way connector : Hull system - Control box - Water level - Forward tank (Optional equipment:)

ALL VERSIONS

ELECTRICITY



12 V DC ELECTRICAL SCHEMATIC DIAGRAM - FORWARD CABIN

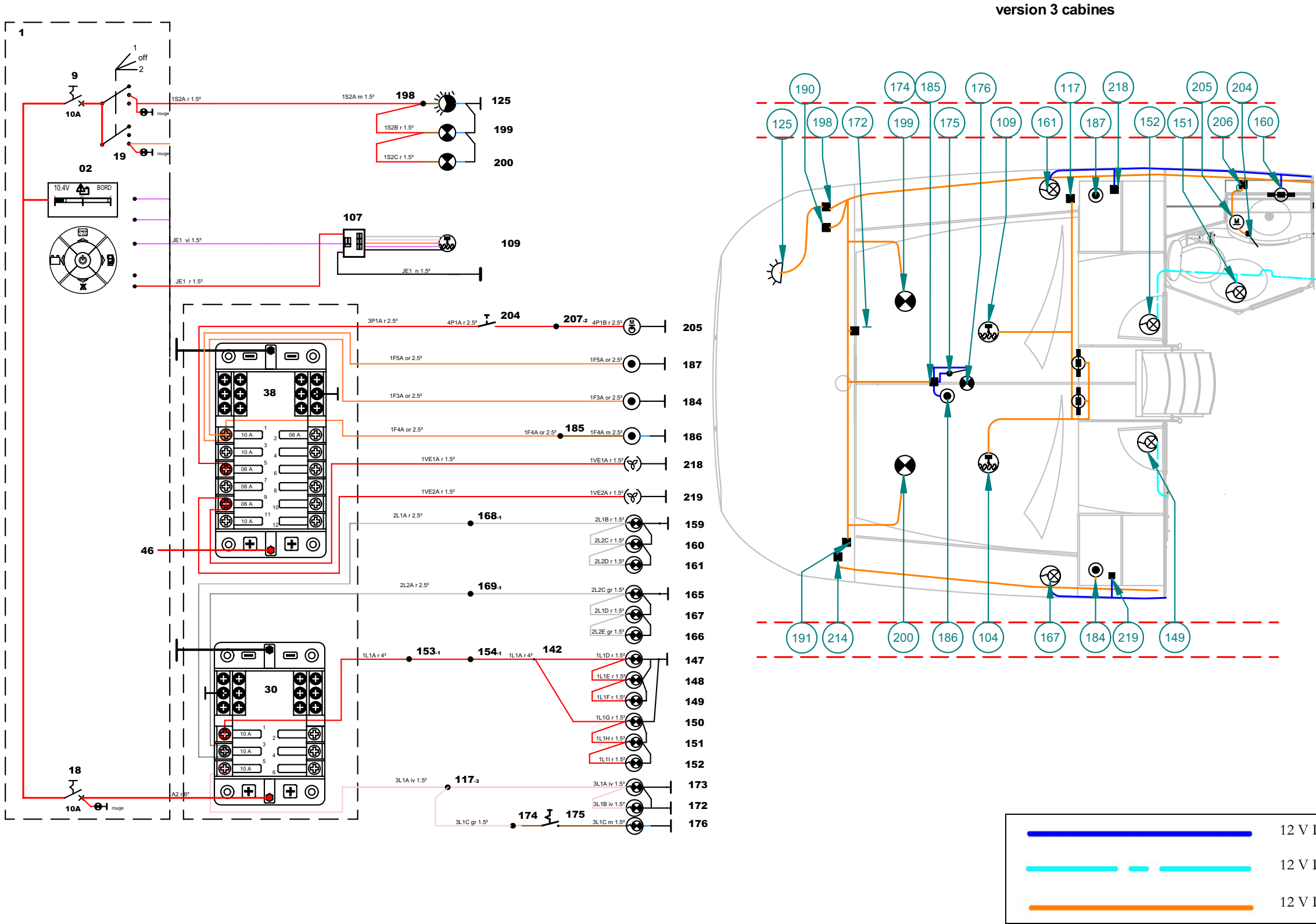
ALL VERSIONS

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS	REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
1			Electrical panel "DC AMPS / 12 V VOLTS DC"	126			Terminal strip : Power supply - mast foot
8	1F1A		12 V DC socket - Electrical panel	127	4S1A		Terminal strip : Negative terminal mast foot
9	1S1A-1S2A	10 A	Breaker "Navigation light / Engine navigation light"	128	2S1A	25 W	Steaming light
10				129	3S1A	10 W	Mooring light
11	3S1A	10 A	Breaker "Mooring light"	130	4S1A	35 W	Deck light
12	4S1A	10 A	Breaker "Deck light"	131	1P2A	36 W	Bilge pump "Rule"
13	OPT	10A	Breaker "Auxiliary" (Optional equipment:)	132	2P1B	70 W	Bilge pump
14	1E(1,2)A	10 A	Breaker "Navigation electronics"	133			2 way connector : Hull system - Bilge pump - Sump
15	1P1A-1P2A	10 A	Breaker "Bilge pump"	134	2P1A	70 W	Water unit
16	2P1A-2P1B-JE	10 A	Breaker "Water unit"	135			3 way connector : Hull system - Water unit
17	1C1A	10 A	Breaker "Refrigeration unit"	136	1C1A	60 W	Refrigeration unit
18	A2	50 A	General circuit breaker "Interior lighting"	137			Thermostat - refrigeration unit
19			Switch "Navigation light / Engine navigation light"	138		10 W	Lighting - Refrigeration unit
20				139			2 way connector : Hull system - Refrigeration unit
21			Switch "Mooring light"	140			2 way connector : Hull system - Bilge pump
22			Switch "Deck light"	141			
23			Switch "Auxiliary" (Optional equipment:)	142	1L...		1L shunt
24			Switch "Navigation electronics"	145	1L1B 1L1C	5 W	Overhead light with switch - Saloon - Forward
25			Switch "Bilge pump"	146			
26			Switch "Water unit"	147	1L1E 1L1F	5 W	Overhead light with switch - Saloon - To starboard
27			Switch "Refrigeration unit"	148	1L1D 1L1E	5 W	Overhead light with switch - Galley
29				149	1L1F	5 W	Overhead light with switch - Galley
30			Electric terminal - Lighting "DC AMPS / 12 V VOLTS DC"	150	1L1G 1L1H	5 W	Overhead light with switch - Aft cabin - To starboard
37				151	1L1H 1L1I	5 W	Overhead light with switch - Aft washroom - To port
38			Electric terminal "DC AMPS / 12 V VOLTS DC"	152	1L1I	5 W	Overhead light with switch - Aft washroom - To port
46	A1		Electric terminal - "Fuse - house"	153			10 way connector : Deck system - Pillar
52				154			2 way connector : Deck system - Pillar
121	2P1A		Float switch - bilge pump	156			
125	1S2A	10 W	Stern light	159	2L1B 2L1C	5 W	Overhead light with switch - Port saloon

12 V DC ELECTRICAL SCHEMATIC DIAGRAM - AFT CABIN

VERSION: 3 CABINS

ELECTRICITY



12 V DC ELECTRICAL SCHEMATIC DIAGRAM - AFT CABIN

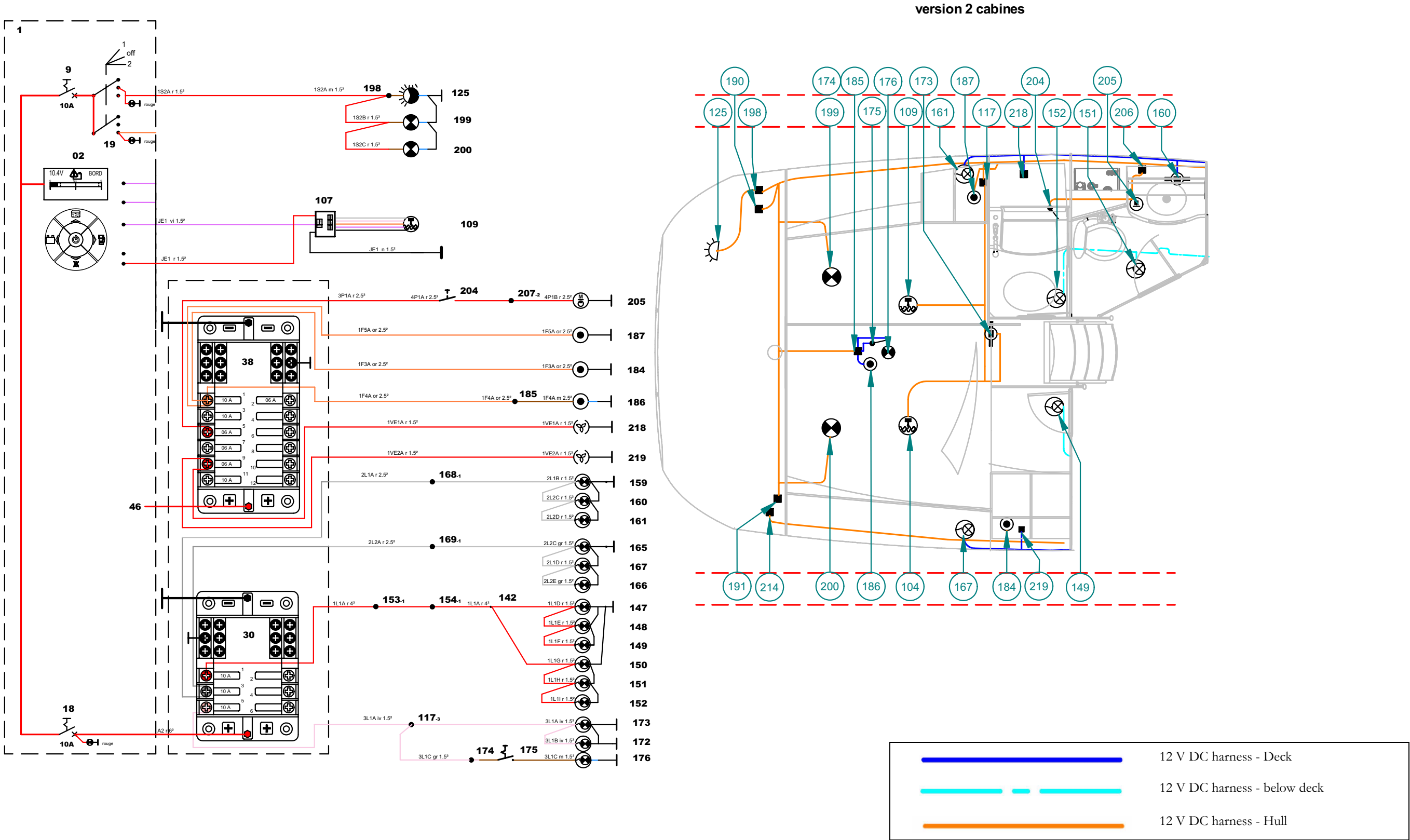
VERSION: 3 CABINS

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS	REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
1			Electrical panel "DC AMPS / 12 V VOLTS DC"	167	2L2D 2L3E	5 W	Overhead light with switch - Port aft cabin
2			Multi-function display	168			4 way connector : Hull system - Gangway - To port
9	1S1A-1S2A	10 A	Breaker "Navigation light / Engine navigation light"	169			4 way connector : Hull system - Gangway - To starboard
10				170			
18	A2	50 A	General circuit breaker "Interior lighting"	172		10 W	Lamp - port AFT cabin
19			Switch "Navigation light / Engine navigation light"	173		10 W	Lamp - starboard AFT cabin
20				174			Connector : Hull system - Cockpit lighting
30			Electric terminal - Lighting "DC AMPS / 12 V VOLTS DC"	175	3L1C		Switch of cockpit table light
37				176	3L1D	10 W	Light - cockpit table
38			Electric terminal "DC AMPS / 12 V VOLTS DC"	177	3L2A	10 W	Lamp - NAV station
46	A1		Electric terminal - "Fuse - house"	178			
47		10 A	Breaker "Navigation electronics - 2"	184	1F3A		12 V DC socket - To port - Starboard aft cabin
104	JF1		Fuel oil gauge transmitter	185			Connector : Hull system - 12 V DC socket - cockpit table
107	JE1		Control box: Water level - Aft tank	186	1F4A		12 V DC socket - Cockpit table
109			Gauge - Aft tank	187			
125	1S2A	10 W	Stern light	190	HP3		2 way connector : Hull system - Harness of outside loudspeaker optional extra
141				191	HP4		2 way connector : Hull system - Harness of outside loudspeaker optional extra
142	1L..		1L shunt	198			2 way connector : Hull system - Stern light
149	1L1F	5 W	Overhead light with switch - Galley	199	1S2B 1S2C	2 W	Compass light - To port
150	1L1G 1L1H	5 W	Overhead light with switch - Aft cabin - To starboard	200	1S2C	2 W	Compass light - To starboard
151	1L1H 1L1I	5 W	Overhead light with switch - Aft washroom - To port	203			
152	1L1I	5 W	Overhead light with switch - Aft cabin - To port	204	3P1A-3P1B		Switch - shower pump - Port aft washroom
153			10 way connector : Deck system - Pillar	205	3P1B	70 W	Shower pump - Port aft washroom
154			2 way connector : Deck system - Pillar	206	3P1B		2 way connector : Hull system - System: Switch - shower pump - Port aft
156				207	3P1B		2 way connector : Hull system - System: Shower pump - Port aft
159	2L1B 2L1C	5 W	Overhead light with switch - Port saloon	213			
160	2L1C 2L1D	5 W	Fluorescent lamp in washroom - Port aft	214	GAZ		Precabling - Electromagnetic valve for gas
161	2L1D	5 W	Overhead light with switch - Port aft cabin	218	1VE1A		Precabling - Ventilator - Port aft cabin
165	2L2D 2L2C	5 W	Overhead light with switch - Starboard saloon	219	1VE2A		Precabling - Ventilator - Starboard aft cabin
166	2L2E	5 W	Overhead light with switch - Starboard cabin	221	JE1		3 way connector : Hull system - Control box - Water level - Aft tank

12 V DC ELECTRICAL SCHEMATIC DIAGRAM (AFT CABIN)

VERSION: 2 CABINS

ELECTRICITY



12 V DC ELECTRICAL SCHEMATIC DIAGRAM (AFT CABIN)

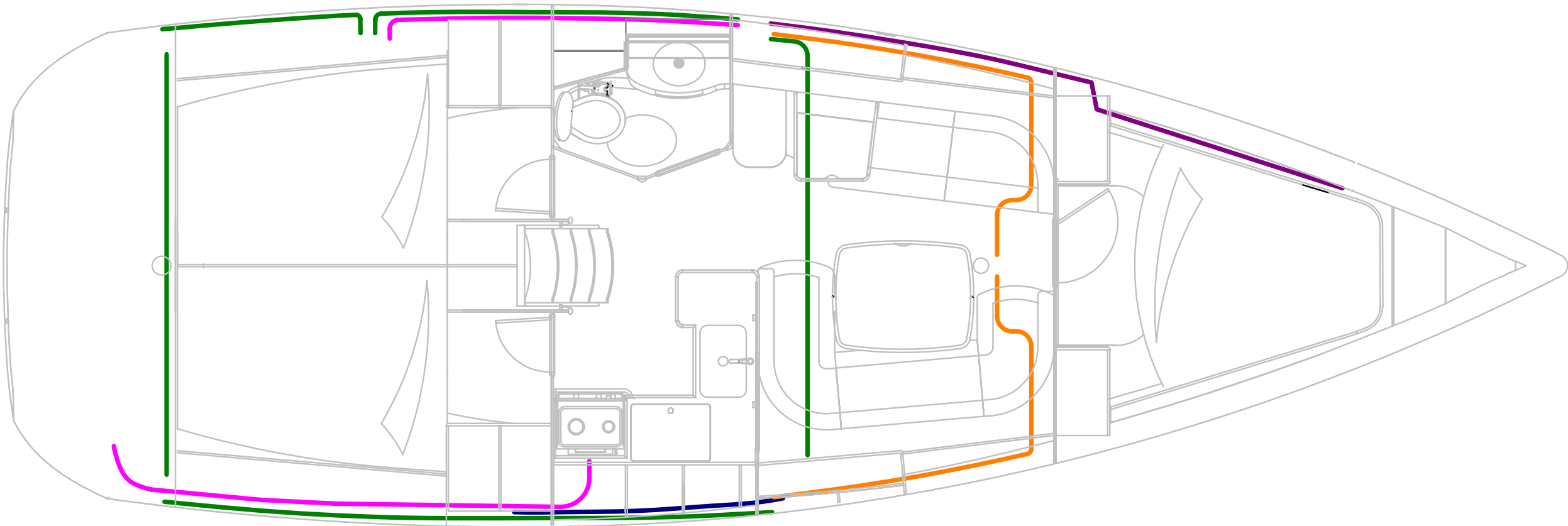
VERSION: 2 CABINS

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS	REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
1			Electrical panel "DC AMPS / 12 V VOLTS DC"	167	2L2D 2L3E	5 W	Overhead light with switch - Port aft cabin
2			Multi-function display	168			4 way connector : Hull system - Gangway - To port
9	1S1A-1S2A	10 A	Breaker "Navigation light / Engine navigation light"	169			4 way connector : Hull system - Gangway - To starboard
10				170			
18	A2	50 A	General circuit breaker "Interior lighting"	172		10 W	Lamp - port AFT cabin
19			Switch "Navigation light / Engine navigation light"	173		10 W	Lamp - starboard AFT cabin
20				174			Connector : Hull system - Cockpit lighting
30			Electric terminal - Lighting "DC AMPS / 12 V VOLTS DC"	175	3L1C		Switch of cockpit table light
37				176	3L1D	10 W	Light - cockpit table
38			Electric terminal "DC AMPS / 12 V VOLTS DC"	177	3L2A	10 W	Lamp - NAV station
46	A1		Electric terminal - "Fuse - house"	178			
47		10 A	Breaker "Navigation electronics - 2"	184	1F3A		12 V DC socket - To port - Starboard aft cabin
104	JF1		Fuel oil gauge transmitter	185			Connector : Hull system - 12 V DC socket - cockpit table
107	JE1		Control box: Water level - Aft tank	186	1F4A		12 V DC socket - Cockpit table
109			Gauge - Aft tank	187			
125	1S2A	10 W	Stern light	190	HP3		2 way connector : Hull system - Harness of outside loudspeaker optional extra
141				191	HP4		2 way connector : Hull system - Harness of outside loudspeaker optional extra
142	1L..		1L shunt	198			2 way connector : Hull system - Stern light
149	1L1F	5 W	Overhead light with switch - Galley	199	1S2B 1S2C	2 W	Compass light - To port
150	1L1G 1L1H	5 W	Overhead light with switch - Aft cabin - To starboard	200	1S2C	2 W	Compass light - To starboard
151	1L1H 1L1I	5 W	Overhead light with switch - Aft washroom - To port	203			
152	1L1I	5 W	Overhead light with switch - Aft cabin - To port	204	3P1A-3P1B		Switch - shower pump - Port aft washroom
153			10 way connector : Deck system - Pillar	205	3P1B	70 W	Shower pump - Port aft washroom
154			2 way connector : Deck system - Pillar	206	3P1B		2 way connector : Hull system - System: Switch - shower pump - Port aft
156				207	3P1B		2 way connector : Hull system - System: Shower pump - Port aft
159	2L1B 2L1C	5 W	Overhead light with switch - Port saloon	213			
160	2L1C 2L1D	5 W	Fluorescent lamp in washroom - Port aft	214	GAZ		Precabling - Electromagnetic valve for gas
161	2L1D	5 W	Overhead light with switch - Port aft cabin	218	1VE1A		Precabling - Ventilator - Port aft cabin
165	2L2D 2L2C	5 W	Overhead light with switch - Starboard saloon	219	1VE2A		Precabling - Ventilator - Starboard aft cabin
166	2L2E	5 W	Overhead light with switch - Starboard cabin	221	JE1		3 way connector : Hull system - Control box - Water level - Aft tank

OPTIONAL WIRE RUN LAYOUT - HULL

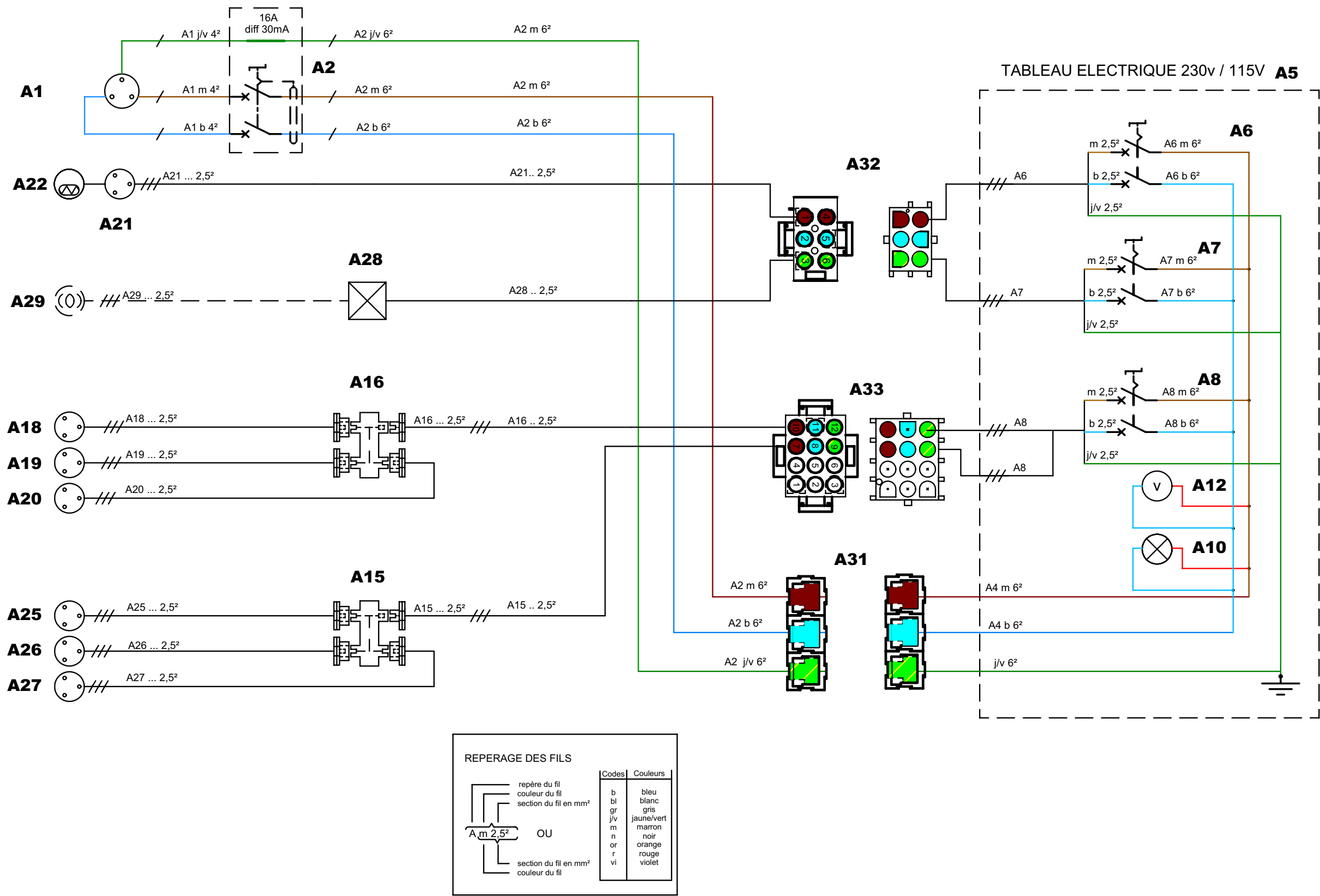
ALL VERSIONS

ELECTRICITY



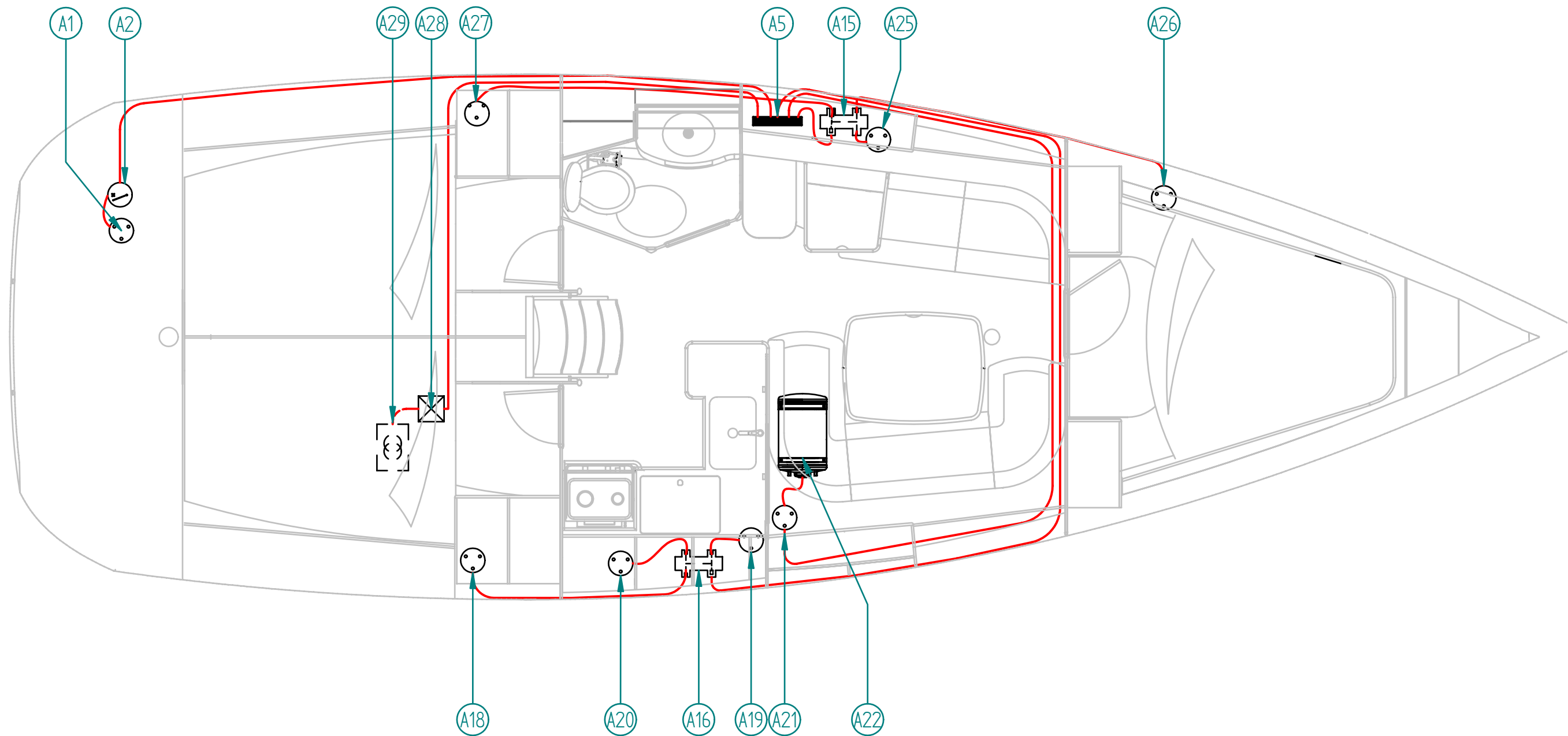
	Wire runs - Heating
	D63 wire run
	D50 wire run
	D40 wire run
	D32 wire run





230 V AC ELECTRICAL SCHEMATIC DIAGRAM

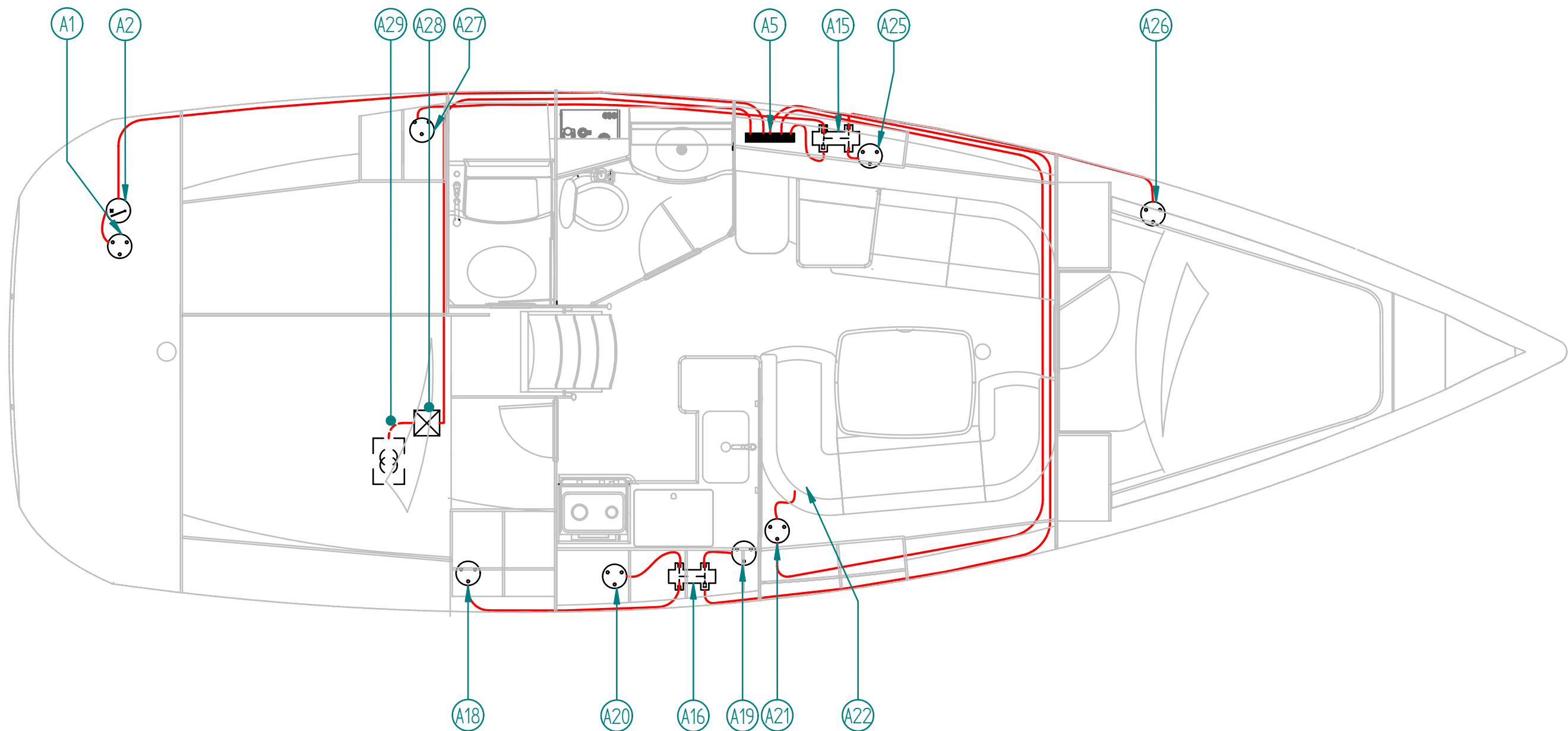
REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
A2	A2	16 A-30 mA	Differential circuit breaker
A3			
A5	A5		Electrical panel 230 V - 115 V AC
A6	A6	15 A	Bipolar circuit breaker "Water heater"
A7	A7	15 A	Bipolar circuit breaker "Battery charger"
A8	A8	15 A	Bipolar circuit breaker "AC sockets"
A9			
A10	A10		Live shore power line warning light - "Shore Power"
A11	A11	115 V AC	Warning light - reversal of polarity
A12	A12	0-300 V AC	Voltmeter
A13			
A14			
A15	A15		Connector - 230 V AC - To port
A16	A16		Connector - 230 V AC - To starboard
A21	A21		230 V AC socket - Water heater
A28	A28		Connector "Charger"
A33			Connector "Sockets"
A36			



230 V AC ELECTRICAL PASSAGE

VERSION: 3 CABINS

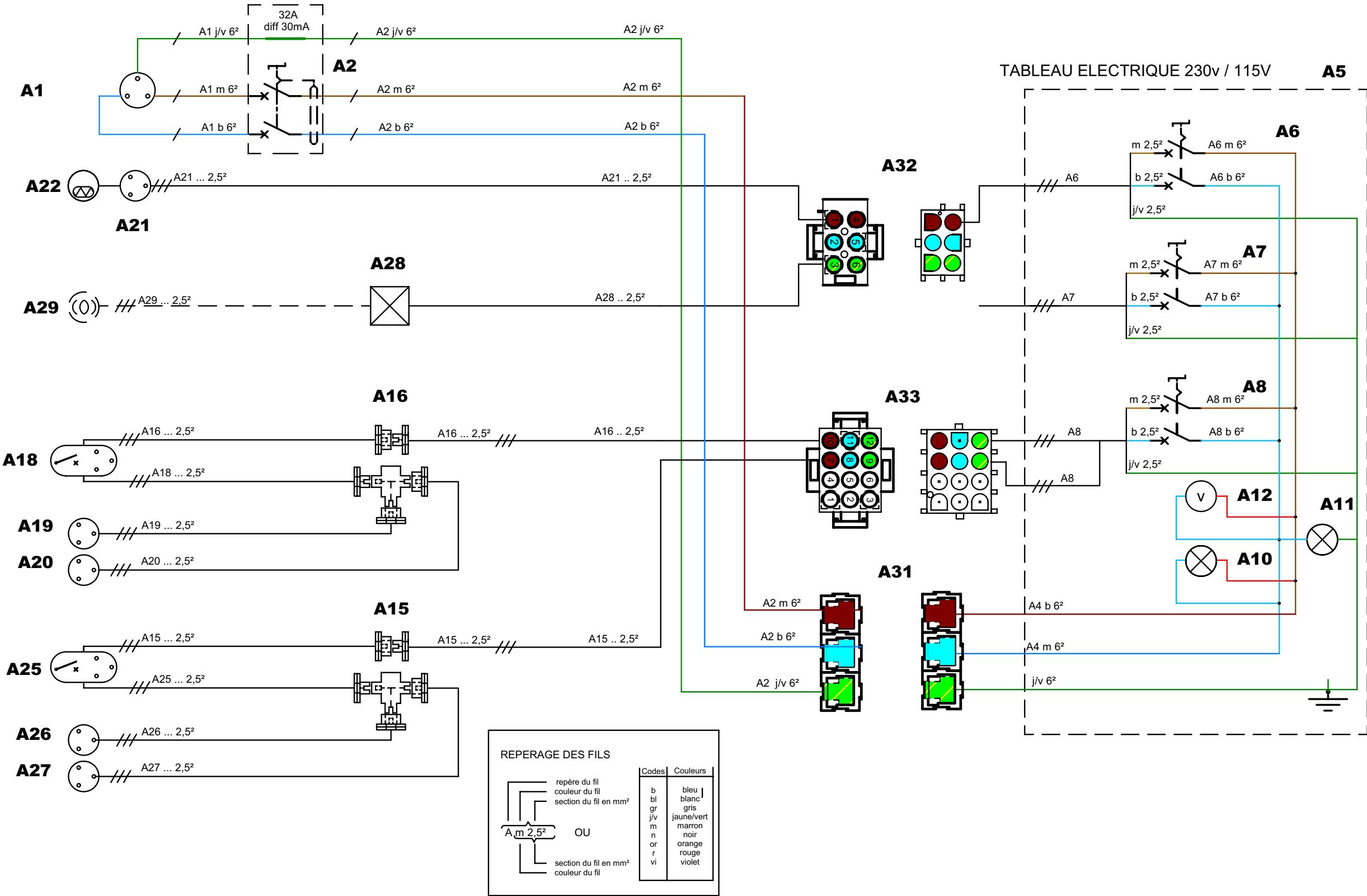
REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
A2	A2	16 A-32 A-30 mA	Differential circuit breaker
A3			
A5	A5		Electrical panel 230 V - 115 V AC
A6	A6	15 A	Bipolar circuit breaker "Water heater"
A7	A7	15 A	Bipolar circuit breaker "Battery charger"
A8	A8	15 A	Bipolar circuit breaker "AC sockets"
A9			
A10	A10		Live shore power line warning light - "Shore Power"
A11	A11	115 V AC	Warning light - reversal of polarity
A12	A12	0-300 V AC	Voltmeter
A13			
A14			
A15	A15		Connector - 230 V AC - To port
A16	A16		Connector - 230 V AC - To starboard
A21	A21		230 V AC socket - Water heater
A28	A28		Connector "Charger"
A33			Connector "Sockets"
A36			



230 AC ELECTRICAL PASSAGE

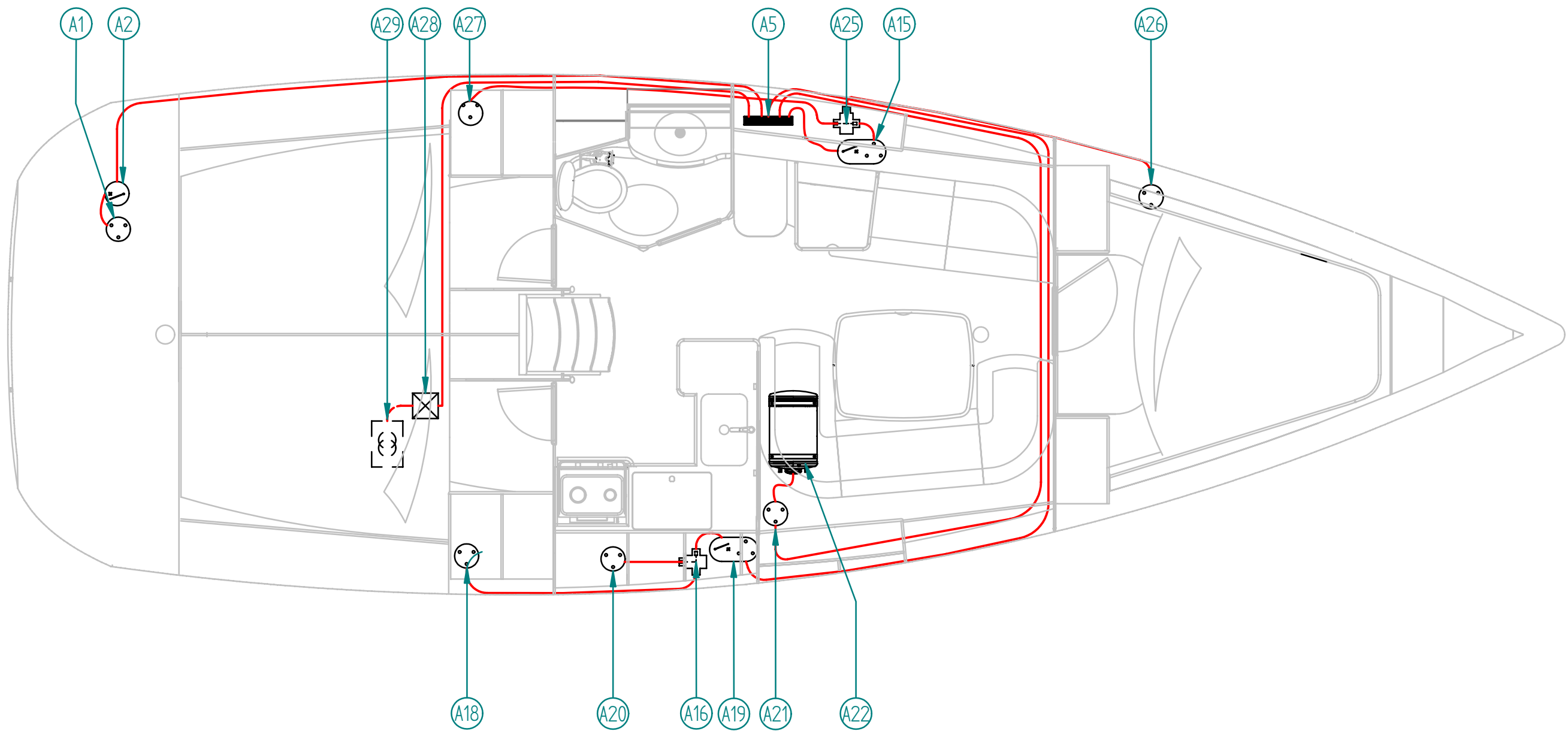
VERSION: 2 CABINS

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
A2	A2	16 A-32 A-30 mA	Differential circuit breaker
A3			
A5	A5		Electrical panel 230 V - 115 V AC
A6	A6	15 A	Bipolar circuit breaker "Water heater"
A7	A7	15 A	Bipolar circuit breaker "Battery charger"
A8	A8	15 A	Bipolar circuit breaker "AC sockets"
A9			
A10	A10		Live shore power line warning light - "Shore Power"
A11	A11	115 V AC	Warning light - reversal of polarity
A12	A12	0-300 V AC	Voltmeter
A13			
A14			
A15	A15		Connector - 230 V AC - To port
A16	A16		Connector - 230 V AC - To starboard
A21	A21		230 V AC socket - Water heater
A28	A28		Connector "Charger"
A33			Connector "Sockets"
A36			



115 V AC ELECTRICAL SCHEMATIC DIAGRAM

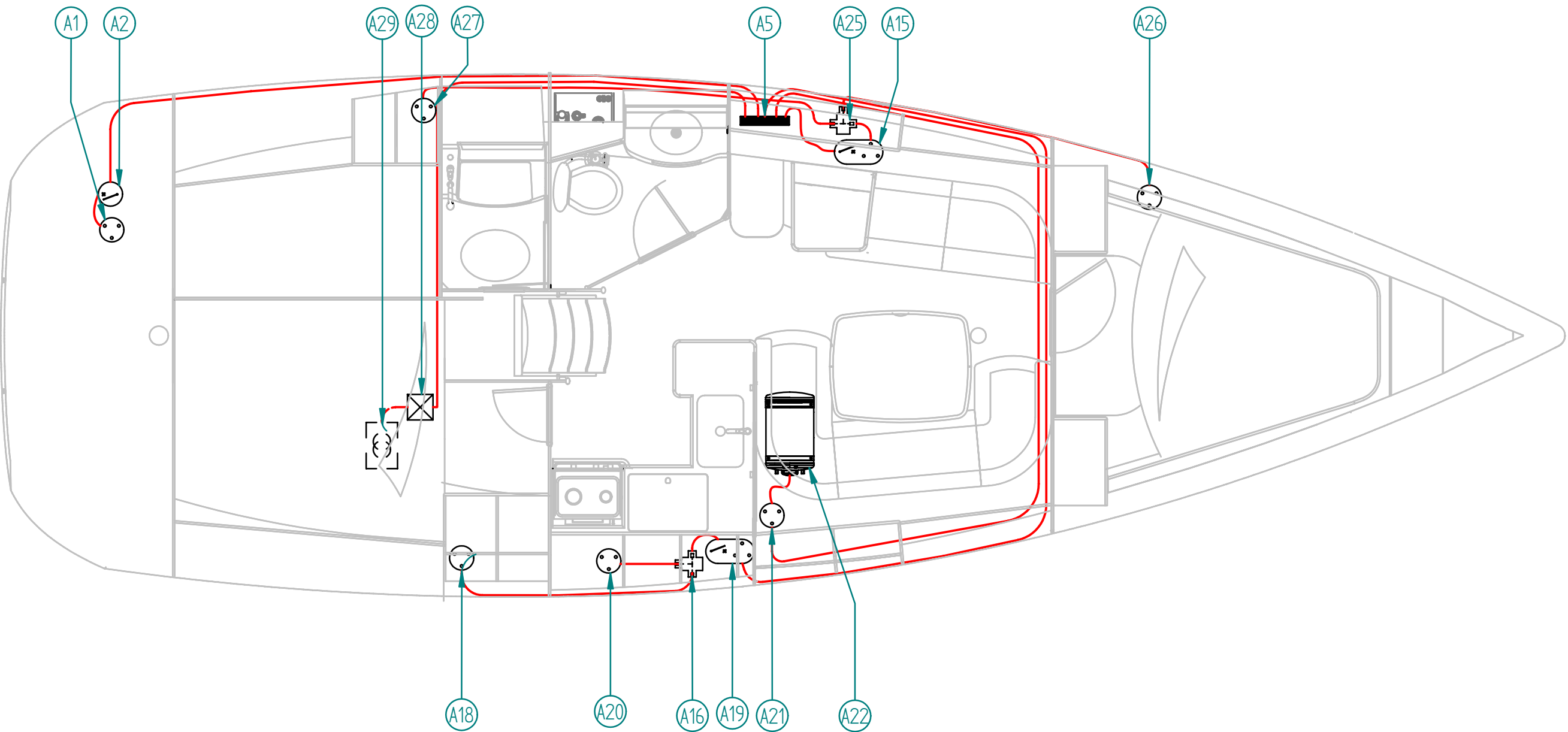
REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
A1	A1	16 A	Shore power socket
A2	A2	16 A-32 A-30 mA	Differential circuit breaker
A3			
A5	A5		Electrical panel 230 V - 115 V AC
A21	A21		230 V AC socket - Water heater
A23			
A24			
A25	A25		230 V AC socket - Chart table
A26	A26		230 V AC socket - Port forward cabin
A28	A28		Connector "Charger"
A30			
A31			Connector: "Supply - Panel"
A32			Connector: "Water heater - Charger"
A33			Connector "Sockets"
A35			
A36			



115 V AC ELECTRICAL PASSAGE

VERSION: 3 CABINS

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
A1	A1	16 A	Shore power socket
A2	A2	16 A-32 A-30 mA	Differential circuit breaker
A3			
A5	A5		Electrical panel 230 V - 115 V AC
A21	A21		230 V AC socket - Water heater
A23			
A24			
A25	A25		230 V AC socket - Chart table
A26	A26		230 V AC socket - Port forward cabin
A28	A28		Connector "Charger"
A30			
A31			Connector: "Supply - Panel"
A32			Connector: "Water heater - Charger"
A33			Connector "Sockets"
A35			
A36			



115 V AC ELECTRICAL PASSAGE

VERSION: 2 CABINS

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
A1	A1	16 A	Shore power socket
A2	A2	16 A-32 A-30 mA	Differential circuit breaker
A3			
A5	A5		Electrical panel 230 V - 115 V AC
A21	A21		230 V AC socket - Water heater
A23			
A24			
A25	A25		230 V AC socket - Chart table
A26	A26		230 V AC socket - Port forward cabin
A28	A28		Connector "Charger"
A30			
A31			Connector: "Supply - Panel"
A32			Connector: "Water heater - Charger"
A33			Connector "Sockets"
A35			
A36			