BLUEWATER

Tri Color LED Electronic Switch
IP 69K   15Amp   DT Connector

Features

▶ One channel 15 Amp max. Electrical Rating.
▶ Two channels 7.5 Amp max. /Channel Electrical Rating.
▶ At night every switch is backlit with Blue LED light for great visibiity. Turn on a particular function and the LED turns Red letting you know the function is turned on.
▶ Stainless Steel SS316 Body and IP69K Waterproof Rating.
▶ Protection from Salt Spray.
▶ 20g Bump Shock Test Approved.
   Wires/Switch meet Flammability Rating UL 94 V2 and
▶ All material will be non-flammable or will be 105°C spec.
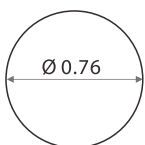   When the pump is running, the LED turns red automatically

Specification

Illuminated	Blue , Green & Red LED
Voltage Rating	12VDC ~ 24 VDC
Max. Current	15 Amp
Mechanical Life	50,000 Cycles
Electrical Life Contact	10,000 Cycles
Resistance Insulation	50 mΩ Maximum
Resistance	1000mΩ Miminum
Dielectric Strength	2,000 VAC
Operate Storage Temp	-20°C ~ +55°C
Travel	1.50mm
Moistrue Protection	IP69K
Contact Material	Silver Alloy
Actuation Force	4 N
Panel Thickness	1-6mm
Mounting Nut Torque	5-14Nm
Construction Material	
Body Material	Stainless Steel SS316
Lens Material	PC material rated to 105°C
Switch Plug & Dongle	Nylon 6 rated to 105°C
Deutsch Recommended Part#	
Large socket	0462-203-12141
Small socket	0462-209-16141
Dummy Plug	14017-ZZ

Part No.

Function	Parts No.	LED Color			Rear Mark Page
		Off	1st On	2nd On	
Off-On	9057-1113	(Blue)	Red	X	Red dot
	9057-1123	(Green)	Blue	X	
Off-(On)	9057-2113	(Blue)	Red	X	Green dot
	9057-2123	(Green)	Blue	X	
Off-On-On	9057-3113	(Blue)	Green	Red	Blue dot
	9057-3123	(Green)	Blue	Red	
Nav/Anc	9057-3114	(Blue)	Green	Red	White dot
Dimmer	9057-3116	(Blue)	Red	X	Black dot
Swith Plug	9057-4914	5 pin Deutsch Plug			

Replaceable Push Button Actuator

Style	Parts No.
Full Translucent	9551-1001
SS Ring	9551-1002
SS Ring (Black)	9551-1003
SS Ring (Titanium)	9551-1004
Laser Logo(Blank)	9551-1005
Laser Logo(Red)	9551-1019
Laser Logo(Cust) Custom Text	9551-0001~ -0188

Calibration Hook
Calibration Slot

Standard Legend Imprinting Code : Page 5

Size Diagram

3.07"
2.96"
0.08"
0787"
1.71"
0.04"

Switch Plug
1.72"

2.09"
0.39"
1.56"
0.08"
074"
0.96"
0.04"
0.22"

Recommended Wiring

Orange (Power +)
Blue (Blue LED +)
Black (Ground -)
Grey (Load 1 +)
Grey/Blue (Load 2 +)

Black	18awg	Ground -
Blue	18awg	Blue LED +12Vdc
Grey	16awg	Load1 +12Vdc
Orange	16awg	Power +12Vdc
Grey/Blue	16awg	Load2 +12Vdc

Mounting Hole

Ø 0.76

Warning !!

▶ Permanent Failure will occur if any power and ground leads are shorted together on the switch.
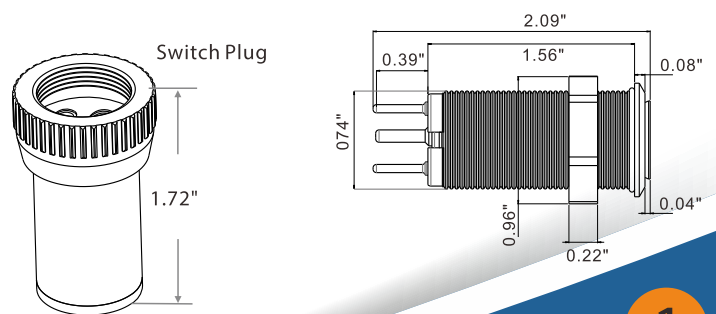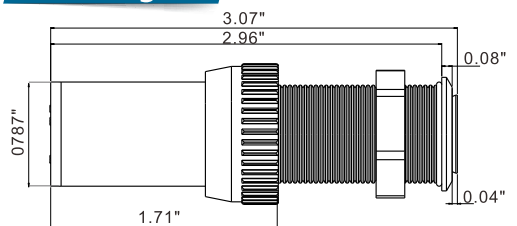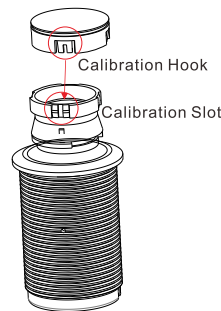▶ Only use Bluewater DT connector, other connector will cause damage.

* We reserve the right to change specifications at any time without incurring any obligations !

BLUEWATER

Operation

▶ Press turns on the device (LED turns Red) .
▶ Press turns off the device (LED turns Blue)

*Laser Etched Actuator in **Daytime Mode**
LED light is off.*

*Laser Etched Actuator in **nightime Mode**
The Blue LED provides great visibility of
the function switches and lets you know
that the swithes are in off position .*

*Laser Etched Actuator in **On Mode**
The Red LED lets you know that the
device is on .*

Dimming Instruction

▶ Press and hold the button for 5 seconds at off mode (Blue LED flash).
▶ Press the button to adjust the Blue Backlight level (3 levels)
▶ Wait for 3 seconds will set the light level automatically

REAR PLUG VIEW

OFF CAN BE BLUE BACKLIT - APPLY B+ TO TERM 4.
1ST PUSH - LIGHTS RED [LOAD 1 ON]
2ND PUSH - OFF

B+ INPUT
FUSE (MAX 15A)
BLUE LED B+
BLUE LED SWITCH

NO CONNECTION
SEAL
LOAD - MAX 15A
RED DOT ON REAR
CENTER OF SWITCH.
LED GRD

POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM
POS 2, 4, 5 ARE DEUTCH DP [SMALL] FEM TERM

COURTESY LIGHTS EXAMPLE

OFF CAN BE BLUE BACKLIT - APPLY B+ TO 4.
1ST PUSH - LIGHTS RED [COURT LTS ON]
2ND PUSH - OFF

B+ INPUT
FUSE (MAX 15A)
BLUE LED B+
BLUE LED SWITCH

NO CONNECTION
SEAL
COURT
LIGHTS
MAX 15A
RED DOT ON REAR
CENTER OF SWITCH.
LED GRD

2-NO CONNECTION
3-B+ INPUT
4-BLUE LED
5-GRD

POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM
POS 2, 4, 5 ARE DEUTCH DP [SMALL] FEM TERM

Operation

▶ Press turns on the device (LED turns Blue) .
▶ Press turns off the device (LED turns Green)

*Laser Etched Actuator in **Daytime Mode**
LED light is off.*

*Laser Etched Actuator in **nightime Mode**
The Green LED provides great visibility of
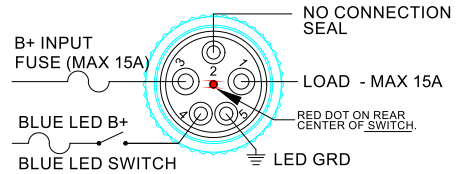the function switches and lets you know
that the swithes are in off position .*

*Laser Etched Actuator in **On Mode**
The Blue LED lets you know that the
device is on .*

Dimming Instruction

▶ Press and hold the button for 5 seconds at off mode (Green LED flash).
▶ Press the button to adjust the Green Backlight level (3 levels)
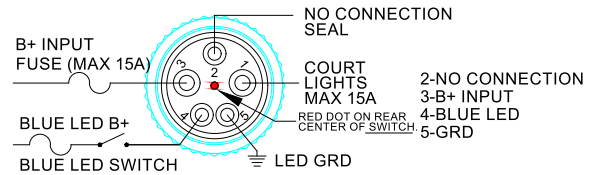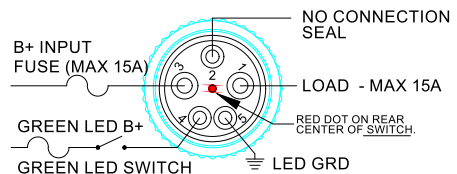▶ Wait for 3 seconds will set the light level automatically

REAR PLUG VIEW

OFF CAN BE GREEN BACKLIT - APPLY B+ TO TERM 4.
1ST PUSH - LIGHTS BLUE [LOAD 1 ON]
2ND PUSH - OFF

B+ INPUT
FUSE (MAX 15A)
GREEN LED B+
GREEN LED SWITCH

NO CONNECTION
SEAL
LOAD - MAX 15A
RED DOT ON REAR
CENTER OF SWITCH.
LED GRD

POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM
POS 2, 4, 5 ARE DEUTCH DP [SMALL] FEM TERM

COURTESY LIGHTS EXAMPLE

OFF CAN BE GREEN BACKLIT - APPLY B+ TO 4.
1ST PUSH - LIGHTS BLUE [COURT LTS ON]
2ND PUSH - OFF

B+ INPUT
FUSE (MAX 15A)
GREEN LED B+
GREEN LED SWITCH

NO CONNECTION
SEAL
COURT
LIGHTS
MAX 15A
RED DOT ON REAR
CENTER OF SWITCH.
LED GRD

2-NO CONNECTION
3-B+ INPUT
4-GREEN LED
5-GRD

POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM
POS 2, 4, 5 ARE DEUTCH DP [SMALL] FEM TERM

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9057-2113 — Off- (On)
Off - [Blue]   On - Red LED

Operation

▶ Press and hold the button to turns on the device (LED turns Red) .
▶ Release the button to turns off the device (LED turns Blue)

*Laser Etched Actuator in **Daytime Mode** LED light is off.*

*Laser Etched Autuator in **Nightime Mode** The Blue LED provides great visibility of the function switches and lets you know that the swithes are in off position .*

*Laser Etched Actuator in **On Mode** The Red LED lets you know that the device is on .*

Dimming Instruction

▶ Press 6 times and hold the button for 5 seconds at off mode (Blue LED flash).
▶ Press the button to adjust the Blue Backlight level (3 levels)
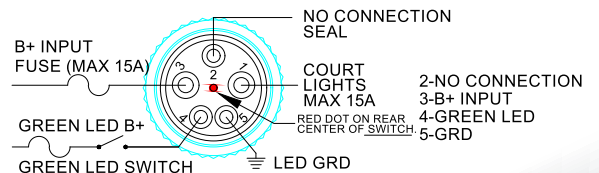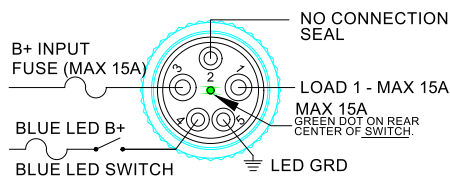▶ Wait for 3 seconds will set the light level automatically

REAR PLUG VIEW

OFF CAN BE BLUE BACKLIT - APPLY B+ TO TERM 4.
MOM PUSH - LIGHTS RED [LOAD 1 MOM ON]
RELEASE - OFF

NO CONNECTION
SEAL
B+ INPUT
FUSE (MAX 15A)
LOAD 1 - MAX 15A
MAX 15A
GREEN DOT ON REAR CENTER OF SWITCH.
BLUE LED B+
BLUE LED SWITCH
LED GRD

POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM
POS 4, 5 ARE DEUTCH DP [SMALL] FEM TERM
POS 2 SEAL

HORN EXAMPLE

OFF CAN BE BLUE BACKLIT - APPLY B+ TO 4.
MOM PUSH - LIGHTS RED [HORN ON]
RELEASE OFF

NO CONNECTION
SEAL
B+ INPUT
FUSE (MAX 15A)
HORN MAX 15A
GREEN DOT ON REAR CENTER OF SWITCH.
BLUE LED B+
BLUE LED SWITCH
LED GRD
2-NO CONNECTION
3-B+ INPUT
4-BLUE LED
5-GRD

POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM
POS 2, 4, 5 ARE DEUTCH DP [SMALL] FEM TERM

9057-2123 — Off - (On)
OFF-[Green] - ON- Blue LED

Operation

▶ Press and hold the button to turns on the device (LED turns Blue) .
▶ Release the button to turns off the device (LED turns Green)

*PU Dome Backlit label in **Daytime Mode** LED light is off.*

*PU Dome Backlit label in **Nightime Mode** The Blue LED provides great visibility of the function switches and lets you know that the swithes are in off position .*

*PU Dome Backlit label in **On Mode** The Red LED lets you know that the device is on .*

Dimming Instruction

▶ Press 6 times and hold the button for 5 seconds at off mode (Blue LED flash).
▶ Press the button to adjust the Blue Backlight level (3 levels)
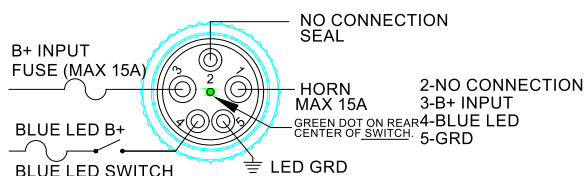▶ Wait for 3 seconds will set the light level automatically

REAR PLUG VIEW

OFF CAN BE GREEN BACKLIT - APPLY B+ TO TERM 4.
MOM PUSH - LIGHTS BLUE [LOAD 1 MOM ON]
RELEASE - OFF

NO CONNECTION
SEAL
B+ INPUT
FUSE (MAX 15A)
LOAD 1 - MAX 15A
MAX 15A
GREEN DOT ON REAR CENTER OF SWITCH.
GREEN LED B+
GREEN LED SWITCH
LED GRD

POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM
POS 4, 5 ARE DEUTCH DP [SMALL] FEM TERM
POS 2 SEAL

HORN EXAMPLE

OFF CAN BE GREEN BACKLIT - APPLY B+ TO 4.
MOM PUSH - LIGHTS BLUE [HORN ON]
RELEASE OFF

NO CONNECTION
SEAL
B+ INPUT
FUSE (MAX 15A)
HORN MAX 15A
GREEN DOT ON REAR CENTER OF SWITCH.
GREEN LED B+
GREEN LED SWITCH
LED GRD
2-NO CONNECTION
3-B+ INPUT
4-GREEN LED
5-GRD

POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM
POS 2, 4, 5 ARE DEUTCH DP [SMALL] FEM TERM

3

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9053-6114 Nav/Anc Switch
OFF-[1 & 2 ON]-[2 ON & 1 OFF]

Operation

▶ Press turns on the Navigation & Anchor lights (LED turns Green) .
▶ Press leaves Anchor light on and turns off Navigation light (LED turns Red)
▶ Press turns off Anchor light (LED turns Blue)

PU Dome Backlit label in **Daytime Mode**
LED light is off.

PU Dome Backlit label in **Nightime Mode**
The Blue LED provides great visibility of
the function switches and lets you know
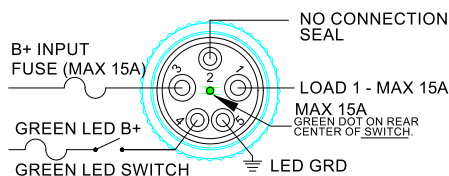that the swithes are in off position .

PU Dome Backlit label in **Nav/Anc Mode**
The Green LED lets you know that the
Nav and Anchor switches are in
on position .

PU Dome Backlit label in **Anchor Mode**
The Red LED lets you know that the
Anchor switch is on .
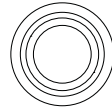
9053-6214 Ring Style

Dimming Instruction

▶ Press and hold the button for 5 seconds at o   mode (Blue LED   ash).
▶ Press the button to adjust the Blue Backlight level (3 levels)
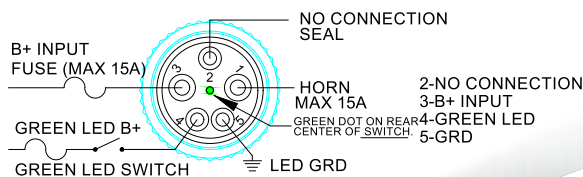▶ Wait for 3 seconds will set the light level automatically

REAR PLUG VIEW

OFF CAN BE BLUE BACKLIT - APPLY B+ TO TERM 4.
1ST PUSH - LIGHTS GREEN [BOTH 1 & 2 LOADS ON]
2ND PUSH - LIGHTS RED [ONLY LOAD 2 ON]
3RD PUSH - OFF

B+ INPUT
FUSE (MAX 15A)

BLUE LED B+

BLUE LED SWITCH

LOAD 1 - 7.5A MAX
LOAD 2 - 7.5A MAX
WHITE DOT ON REAR
CENTER OF SWITCH.
LED GRD

POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM
POS 2, 4, 5 ARE DEUTCH DP [SMALL] FEM TERM

NAV/ANC EXAMPLE

OFF CAN BE BLUE BACKLIT - APPLY B+ TO 4.
1ST PUSH - LIGHTS GREEN [BOTH NAV & ANC LOADS ON]
2ND PUSH LIGHTS RED [ONLY ANC LOAD ON]

B+ INPUT
FUSE (MAX 15A)

BLUE LED B+

BLUE LED SWITCH

NAV - 7.5A MAX
ANC - 7.5A MAX
WHITE DOT ON REAR
CENTER OF SWITCH.
LED GRD

1-ANC
2-NAV
3-B+ INPUT
4-BLUE LED
5-GRD

POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM
POS 2, 4, 5 ARE DEUTCH DP [SMALL] FEM TERM

9053-6113 Off-On-On Switch
OFF-[1 ON & 2 OFF]-[2 ON & 1 OFF]

Operation

▶ Press turns on Load 1 (LED turns Green) .
▶ Press turns on Load 2 (LED turns Red)
▶ Press turns off Load 2 & 1 (LED turns Blue)

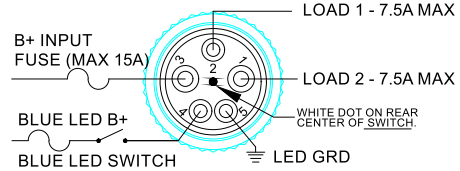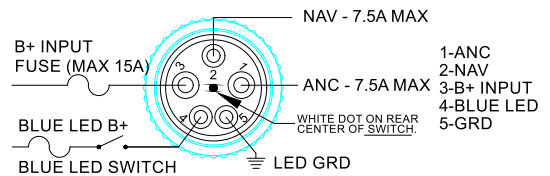PU Dome Backlit label in **Daytime Mode**
LED light is off.

PU Dome Backlit label in **Nightime Mode**
The Blue LED provides great visibility of
the function switches and lets you know
that the swithes are in off position .

PU Dome Backlit label in **Load 1 Mode**
The Green LED lets you know that the
Load 1 device is in on position .

PU Dome Backlit label in **Load 2 Mode**
The Red LED lets you know that the
Load 2 deivce is on position .
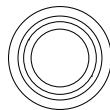
9053-6213 Ring Style

Dimming Instruction

▶ Press and hold the button for 5 seconds at off mode (Blue LED flash).
▶ Press the button to adjust the Blue Backlight level (3 levels)
▶ Wait for 3 seconds will set the light level automatically

REAR PLUG VIEW

OFF CAN BE BLUE BACKLIT - APPLY B+ TO TERM 4.
1ST PUSH - LIGHTS GREEN [LOAD 1 ON 2 OFF]
2ND PUSH - LIGHTS RED [LOAD 2 ON 1 OFF]
3RD PUSH - OFF

B+ INPUT
FUSE (MAX 15A)

BLUE LED B+

BLUE LED SWITCH

LOAD 1 - MAX 7.5A
LOAD 2 - MAX 7.5A
BLUE DOT ON REAR
CENTER OF SWITCH.
LED GRD
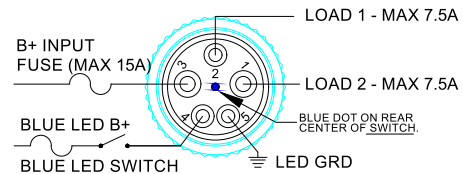
2 SPEED WIPER EXAMPLE

OFF CAN BE BLUE BACKLIT - APPLY B+ TO 4.
1ST PUSH - LIGHTS GREEN [LOW ON, HIGH OFF]
2ND PUSH - LIGHTS RED [HIGH ON, LOW OFF]
3RD PUSH - OFF

B+ INPUT
FUSE (MAX 15A)

BLUE LED B+

BLUE LED SWITCH

LOW SPEED - 7.5A MAX
HIGH SPEED
MAX 7.5A
BLUE DOT ON REAR
CENTER OF SWITCH
LED GRD

1-LOW SPEED
2-HIGH SPEED
3-B+ INPUT
4-BLUE LED
5-LED GRD

POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM
POS 2, 4, 5 ARE DEUTCH DP [SMALL] FEM TERM

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Bluewater Enterprises LLC   1-855-BLUE-700
Miramar Beach, Florida   www.bluewatergadgets.com

BLUEWATER

Code	Label		Code	Label		Code	Label		Code	Label
0001			0002			0003			0004	
0005	RAW		0006	FRESH		0007	ACC		0008	
0009	LIVE WELL		0010			0011	NAV		0012	ANCH
0013	COURT		0014	ARCH		0015	DOCK		0016	U W
0017	ACC		0018	BILGE		0019	HORN		0020	BLOWER
0021	WIPER		0022			0023			0024	
0025			0026	DIMMER		0027	DIMMER		0028	HATCH
0029	HATCH		0030	AFT BILGE		0031	FRESH WATER		0032	FISHBOX PUMP
0033	SPREADER		0034	TRIM TABS		0035	LIVEWELL		0036	LIVEWELL
0037	MAP-WHT		0038	MAP-BLU		0039	SUB FLOOR		0040	SHADE IN
0041	SHADE OUT		0042	WASHDOWN		0043	SEAT FWD		0044	SEAT BACK
0045	ELECT		0046	TOILET ADD WATER		0047	TOILET FLUSH		0048	FWD BILGE
0049	HEAD		0050	CABIN		0051			0052	ANCH NAV
0053	NAV ANCH		0054	MAP-RED		0055	STEREO		0056	BILGE
0057	EXHAUST		0058	HEAD VENT		0059	SUN ROOF OPEN		0060	SUN ROOF CLOSE
0061	EMER START		0062	FUEL SHUTOFF		0063	RECIRCULATE AUTO		0064	RECIRCULATE MAN
0065	AERATOR AUTO		0066	AERATOR MAN		0067	TRIM DN		0068	TRIM UP
0069			0070	LIVEWELL FWD		0071	LIVEWELL AFT		0072	SEAT UP
0073	SEAT DOWN		0074	VENT CLOSE		0075	VENT OPEN		0076	DECK
0077	LCKR		0078	HELM		0079	UWTR		0080	SPREADER FWD
0081	SPREADER AFT		0082	LIVEWELL 1		0083	LIVEWELL 2		0084	AFT BILGE
0085	WNDLS PWR		0086	WASTE		0087	START ENGINE STOP		0088	
0089	Refrigerator		0090	Hi Low		0091	HORN		0092	SLIDE PUMP
0093	UPPER DECK		0094	DIMMABLE		0095	DIMMABLE		0096	WINDSHIELD WASH
0097	STBD FISHBOX PUMP		0098	PORT FISHBOX PUMP		0099			0100	FWD FISHBOX PUMP
0101	DOCK LTS		0102	SPKR LTS		0103	ACCY LTS		0104	LIVEWELL1 LTS
0105	LIVEWELL2 LTS		0106	MISTER		0107	LIVEWELL 1 / 2		0108	SPREADER 1 / 2
0109	SKIRT/ H2O LTS		0110	RAIL LIGHTS		0111	STEP UP		0112	STEP DOWN
0113			0114			0115			0116	POWER
0117	PRO AIR		0118	FWD RECIRC		0119	AFT RECIRC		0120	AERATOR
0121	BILGE ACCESS		0122	BILGE ACCESS		0123	STORAGE		0124	BLU-WHT
0125	LIVEWELL FWD/AFT		0126	SHADE		0127	SUNROOF		0128	COURT/ BILGE
0129	HATCH		0130	ARCH		0131	MAP LIGHTS		0132	OVERHEAD COURT
0133	VENT		0134	1 2 FISHBOX PUMPS		0135	PANEL LTS		0136	FLOOR LTS
0137	UD		0138	STORAGE LTS		0139	INT		0140	EXT
0141	MAIN LIVEWELL		0142	MAIN LIVEWELL RECIRC		0143	DIMMER		0144	LIVEWELL 3
0145	FISHBOX PUMPOUT		0146	LIVEWELL3 LTS		0147	MID BILGE		0148	MOOD
0149	UNLATCH LATCH		0150	BILGE MAN-GREEN AUTO-RED		0151	NAV GREEN ANC RED		0152	COURTESY LIGHTS
0153	PANEL LIGHTS		0154	EQUIP ROOM LIGHTS		0155	NAV ANCHOR LIGHTS		0156	DOCKING LIGHTS
0157	SPREADER LIGHTS		0158	SUNROOF CLOSE		0159	SUNROOF OPEN		0160	AIR BOOST DASH
0161	BILGE BLOWER		0162	BILGE PUMP		0163	WIPER ON/OFF		0164	WNDSHLD WASH
0165	DEFOG		0166	WINDLASS ON/OFF		0167	WINDLASS UP		0168	WINDLASS DOWN
0169	PORT VENT OPEN		0170	PORT VENT CLOSE		0171	STBD VENT OPEN		0172	STBD VENT CLOSE
0173	MAST DOWN		0174	MAST UP		0175	PORT OUTRGR IN		0176	PORT OUTRGR OUT
0177	STBD OUTRGR IN		0178	STBD OUTRGR OUT		0179	HORN		0180	ROD HOLDER
0181	ROD HOLDER		0182	UNDER WATER		0183	UNDER DECK		0184	MOOD
0185			0186			0187	COURT/ STORAGE		0188	RED / WHITE MAP LT

Bluewater Enterprises LLC