

BUOY BOX

50m of Ethernet
inside stretch hose

100m of 7H47 RP-HS
7/20 cond.Cable
Rochester

Connectors at
Subsurface Float

SubSea
Housing

Patton CL1211
CopperLink

B&B E-link
EIR205
5 port Switch

B&B V-Link
VESR902T
Serial Server
134.89.12.185

230 VAC
24 V
300 W
ATV Charger

230 VAC
24 VDC
Hotel Pwr

Bethos BW
Board
ATV turns
light on

24 VDC
5 VDC
Hotel Pwr

Relay 1
Enable NB
PS
Relay 2
BlueCom
Modem, ADCP
Serial Server
Power input
Relay 4
Aux
Camera
input +Light
Relay 5

24VDC

24VDC

24VDC

24VDC

24VDC

24VDC

24VDC

24VDC

24VDC

24VDC

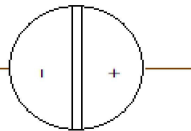
24VDC

24VDC

Current Shunt

DataQ DI-4208-E

NB Cable



BlueCom
Optical
Modem

Sierra Wireless MP70
12-30 vdc
Cell

GFI Interrupt

12 V 100 AHr LiFePO
BattleBorn BB10012

Relay

Victron
Cerbo GX
Solar Hub

MPPT
Charger
75 | 10

MPPT
Charger
75 | 10

MPPT
Charger
75 | 10

MPPT
Charger
75 | 10

MPPT
Charger
75 | 10

Victron Energy
Phoenix 12/800
230 VAC 50 Hz

J-Box

90 Watt
Solar
Panel

90 Watt
Solar
Panel

90 Watt
Solar
Panel

90 Watt
Solar
Panel

Cell Antenna 1
Cell Antenna 2
WiFi Antenna

DC Switch
AC Indicator
Light

Acoustic Modem

ADCP

Light
80W LED

Camera
IP
134.89.12.186