

S/V ORYOKI
Engine & Panel Supply Circuits
 Witness 35 Hull #006

#	Ga	Color	
1	1/0	BLK	Battery 1 Negative - Battery 1 cathode L-> S.C.N.*
2	1/0	BLK	Port Engine Ground
3	1/0	BLK	Battery 2 Negative - Battery 2 cathode L-> S.C.N.*
4	1/0	BLK	Stbd Engine Ground L-> S.C.N.*
5	# 8	BLK	Battery Charger Ground L-> S.C.N.*
6	# 6	BLK	Panel Ground L-> S.C.N.*
7	#10	BLK	Mast Lighting Ground L-> S.C.N.*
8	# 8	BLK	Engine Panel Ground L-> S.C.N.*
9	# 8	BLK	Port Fuel Fill Tank Ground L-> S.C.N.*
10	# 8	BLK	Stbd Fuel Fill Tank Ground L-> S.C.N.*
11	1/0	RED	Battery 1Positive Battery 1 Anode L-> S.C.N.* SW I = 1
12	1/0	RED	Battery 2Positive Battery 2 Anode L-> S.C.N.* SW II = 2
13	1/0	RED	Port Start- Port Starter L->SW I -C
14	# 8	RED	Battery Charger Bank I Positive Out – SW I = 1
15	1/0	RED	Stbd Start - Stbd Starter L-->SW II = C
16	# 8	RED	Battery Charger Bank 2 Positive Out – Battery II Cathode
17	1/0	RED	Jumper - SW I - 1 L-> SW II - 2
18	1/0	RED	Jumper - SW I - 2 L->SW II - 2
19	# 8	RED	Port Ignition Switch Key Feed SW I - C L-> Port Engine CB
20	# 6	RED	Port Amp meter/Switch Feed - Port Amp meter L->SW I - C
21	# 6	RED	Port Alternator /Switch Feed - Port Alternator via C. B.
22	# 8	RED	Stbd Ignition Switch Feed SW 2 - C Stbd Eng C. B.
23	# 6	RED	Stbd Amp meter / Switch Feed Stbd Amp meter L->
24	# 6	RED	Stbd Alternator Out Stbd Amp meter (via C.B.) Port AM
25	1/0	RED	Panel Bank I Supply Jumper - SW - I - 1 L->SW III - 1
26	1/0	RED	Panel Bank II Supply Jumper - SW - II -2 L->SW III - 2
27	# 6	RED	Panel Supply SW III C - L -> Panel Amp meter
28	#14	WHT	Battery I Volt meter Feed - SW II - 1 L-> Panel DCVM
29	#14	GE	Battery II Volt meter Feed -Battery II Anode L-> Panel DCVM
30	# 8	RED	Port Ignition Key Feed Port Engine Braker L-> Key "30" Pin
31	# 8	RED	Stbd Ignition Key Feed Stbd Engine Braker L-> Key "30" Pin

PANEL CIRCUITS - DC

HELM

40 Instrument Light Feed
41 Anchor Light Feed
42 Nav Light Feed
43 Compass Light Feed
44 Side Nav Lights
45 Stern Nav Light
46 Deck Light Supply
47 Engine Panel Lights

MAST

85 Tri Color Nav Light
86 Anchor Light
87 Masthead Ground
88 Steaming Light
89 Deck Light
90 Mid - Mast Ground

50 Port Hull 12v DC
51 Port Cone Lights
52 Port Aft Cabin Lights
53 Stbd Hull 12v DC
54 Stbd Cone Lights
55 Head Lights
56 Chart Lights
57 Dome Light
58 Deck 12v DC Outlet
59 Nav Station 12v DC Outlet
60 Galley 12v DC Outlet

61 Port Aft Cabin 12v DC Outlet
62 Refrigerator 12v DC Supply
63 Sump Pump
64 Port Pressure Water Pump
65 Stbd Pressure Water Pump
66 Instrument Supply
67 VHF Radio
68 Instrument Lights

Panel Circuits - AC

71 Shore Power 110v AC
72 Refrigerator 110v AC Supply
73 Galley Inboard 110v AC Outlet
74 Port 110v AC Outlets
75 Batt Charger 110v AC Supply
76 Stbd 110v AC Outlets