

## MATERIALS SOURCES

<http://www.digikey.com>

02.07 LPA-04Y OPTIFUSE FUSE HOLDER  
 00.56 P12-56HDR-D CONN RING 12-16AWG  
 00.55 P12-38HDR-D CONN RING 12-16AWG

<http://pacergroup.net/16-gauge-marine-wire>

09.47 WUL12BK-B 25ft BLACK  
 09.47 WUL12RD-B 25ft RED  
 13.60 WUL16BK-100 100ft BLACK  
 03.95 WUL16BR-B 25ft BROWN  
 03.95 WUL16OR-B 25ft ORANGE  
 03.95 WUL16BL-B 25ft BLUE  
 07.74 WUL16GY-B 50ft GREY

<https://www.amazon.com>

106.65 4306 BLUE SEA FUSE+SWITCH

<https://www.amazon.com>

15.15 2314 BLUE SEA BUS BAR

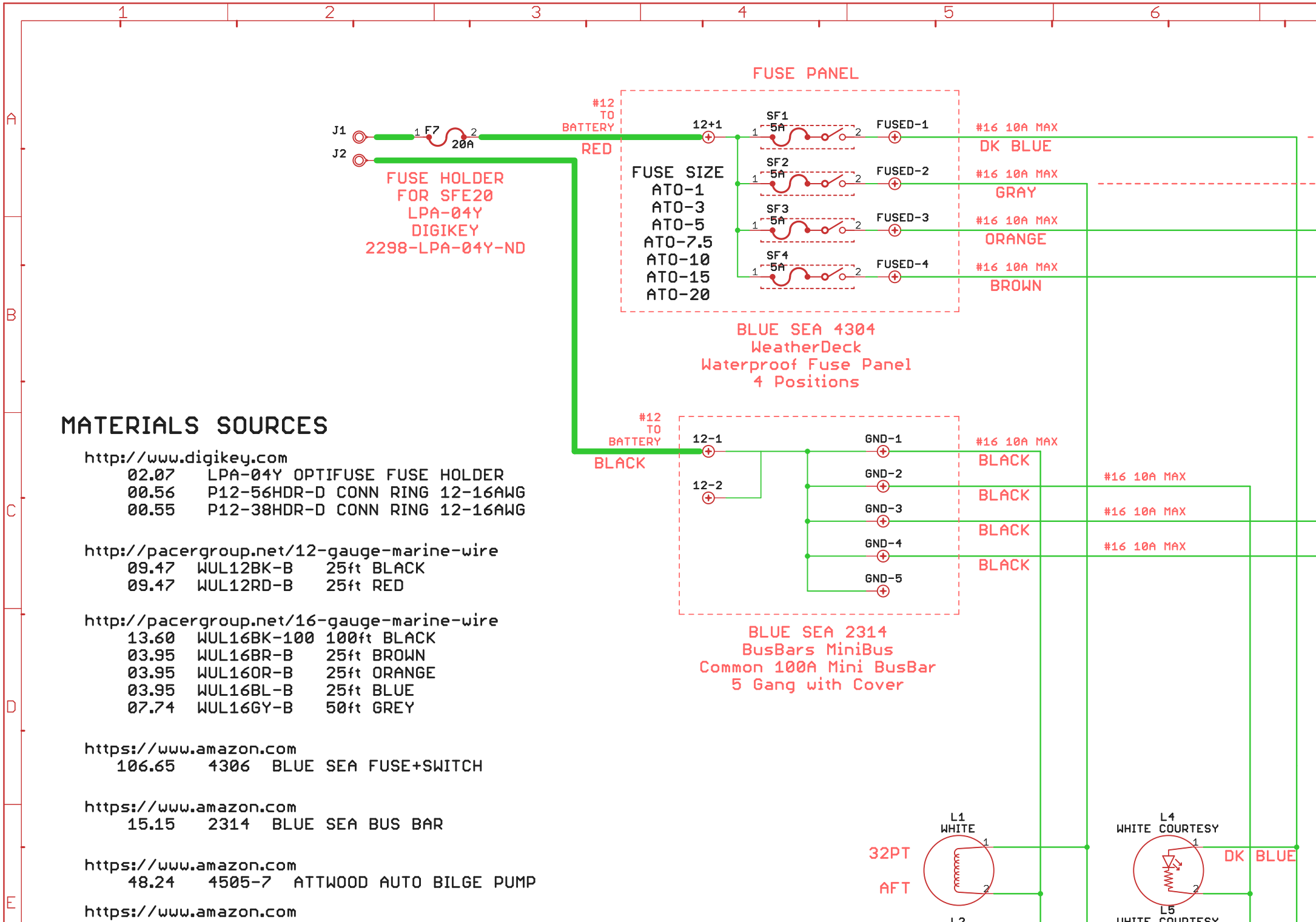
<https://www.cabletiesandmore.com/>

14.19 NSWL0.50SP Non-Split Corrugated Tubing 100FT.  
 22.35 NSWL0.75SP Non-Split Corrugated Tubing 100FT.  
 02.52 WLTEE5003 Wire Loom Tee Fitting  
 01.23 WLTEE5001 Wire Loom Tee Fitting

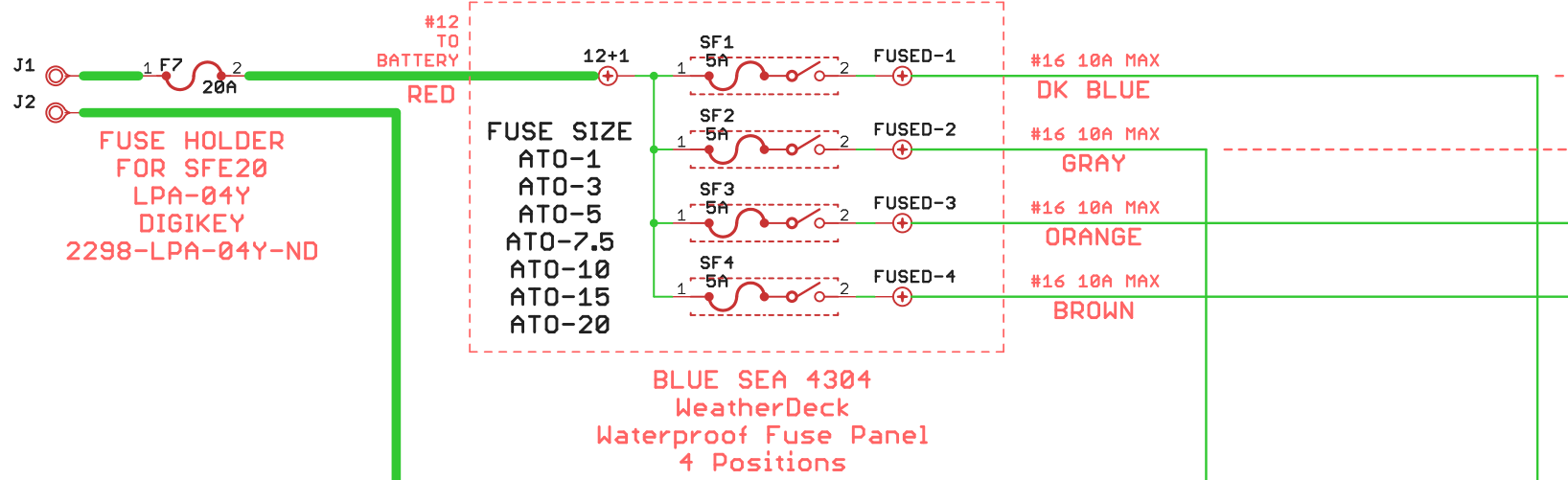
<https://www.amazon.com>

48.24 4505-7 ATTWOOD AUTO BILGE PUMP

<https://www.amazon.com>



**FUSE PANEL**



**MATERIALS SOURCES**

<http://www.digikey.com>  
 02.07 LPA-04Y OPTIFUSE FUSE HOLDER  
 00.56 P12-56HDR-D CONN RING 12-16AWG  
 00.55 P12-38HDR-D CONN RING 12-16AWG

<http://pacergroup.net/12-gauge-marine-wire>  
 09.47 WUL12BK-B 25ft BLACK  
 09.47 WUL12RD-B 25ft RED

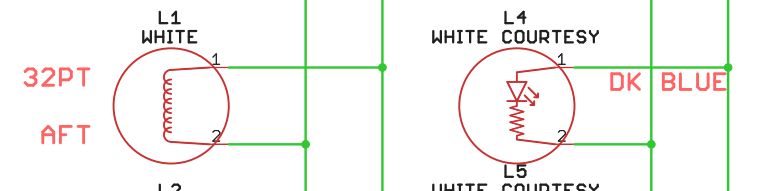
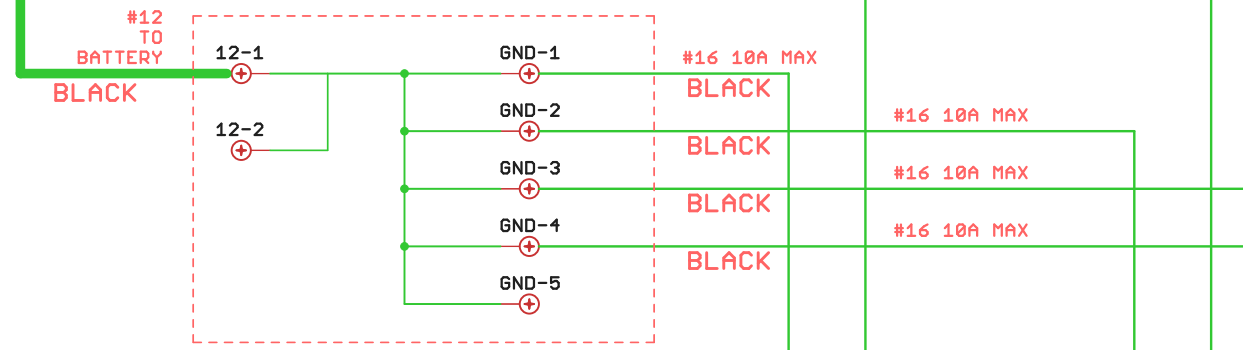
<http://pacergroup.net/16-gauge-marine-wire>  
 13.60 WUL16BK-100 100ft BLACK  
 03.95 WUL16BR-B 25ft BROWN  
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 03.95 WUL16BL-B 25ft BLUE  
 07.74 WUL16GY-B 50ft GREY

<https://www.amazon.com>  
 106.65 4306 BLUE SEA FUSE+SWITCH

<https://www.amazon.com>  
 15.15 2314 BLUE SEA BUS BAR

<https://www.amazon.com>  
 48.24 4505-7 ATTWOOD AUTO BILGE PUMP

<https://www.amazon.com>



## MATERIALS SOURCES

<http://www.digikey.com>

02.07	LPA-04Y OPTIFUSE FUSE HOLDER (OPTIFUSE)
00.56	P12-14HDR-D CONN RING 12-16AWG (PANDUIT)
00.56	P12-56HDR-D CONN RING 12-16AWG (PANDUIT)
00.55	P12-38HDR-D CONN RING 12-16AWG (PANDUIT)

<http://www.digikey.com>

00.20	P12-10HDR-L CONN RING CIRC 10-12 #10
00.01	P14-8RHT6-M CONN RING CIRC 14-16 #8
00.27	P14-8FF-c CONN SPADE 14-16 #8
00.27	P18-8FF-C CONN SPADE 18-22 #8
00.18	34137 CONN INLINE 14-16 CRIMP
00.79	0192150013 CONN SPLICE 14-16 TO 18-22

<http://pacergroup.net/16-gauge-marine-wire>

09.47	WUL12BK-B	25ft BLACK
09.47	WUL12RD-B	25ft RED
13.60	WUL16BK-100	100ft BLACK
03.95	WUL16BR-B	25ft BROWN
03.95	WUL16OR-B	25ft ORANGE
03.95	WUL16BL-B	25ft BLUE
07.74	WUL16GY-B	50ft GREY
06.00	W07-227BK	100FT BLACK
03.00	W07-227BL	50FT BLUE
01.13	BEHS-3/16-12BK	HEAT SHRINK
01.13	BEHS-3/16-12RD	HEAT SHRINK
01.13	BEHS-1/4-12BK	HEAT SHRINK
01.13	BEHS-1/4-12RD	HEAT SHRINK
01.89	BEHS-3/8-12RD	HEAT SHRINK

<https://www.amazon.com>

33.39	5015	Blue Sea 5015 ST Glass Fuse Block
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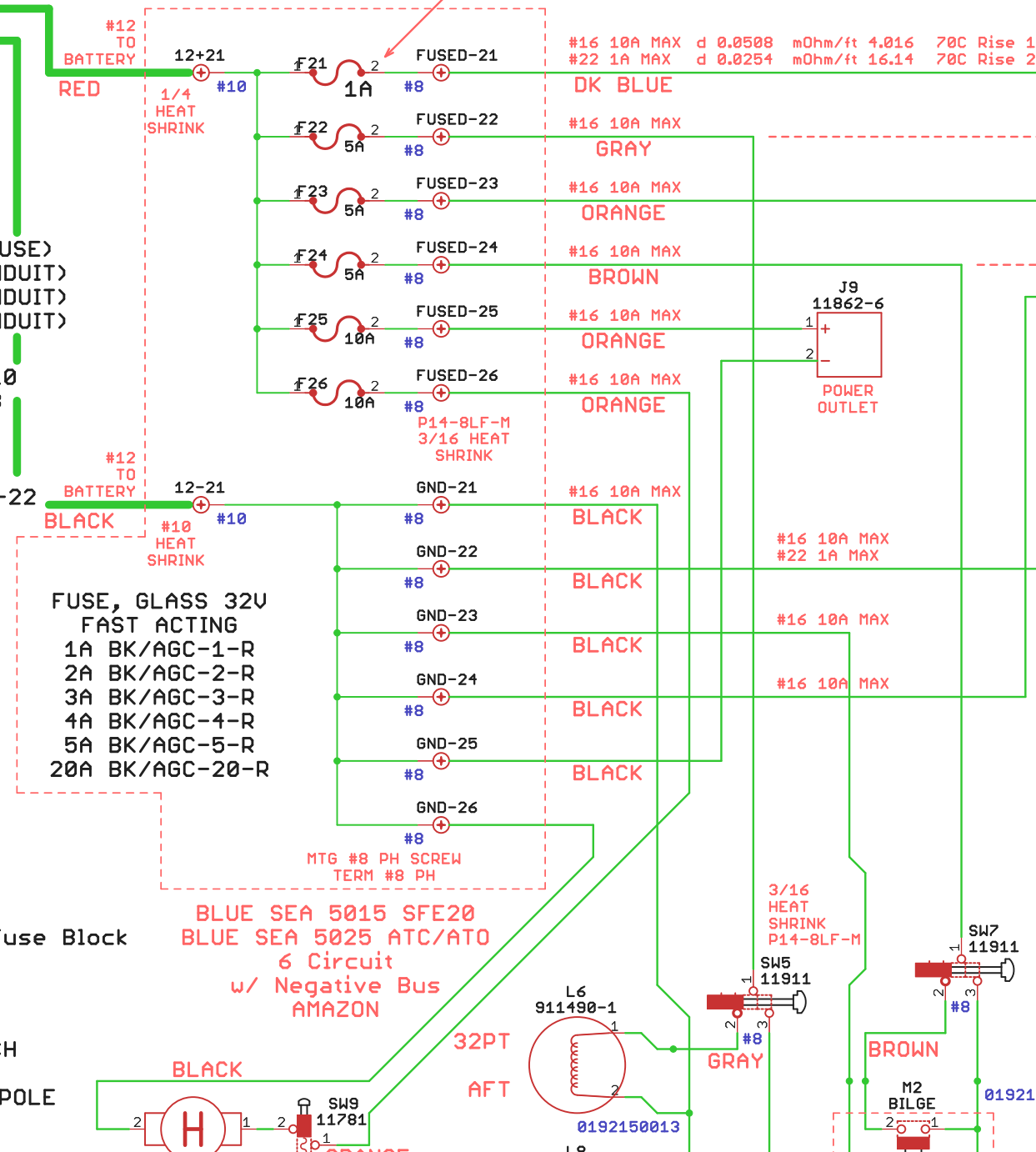
<https://www.amazon.com>

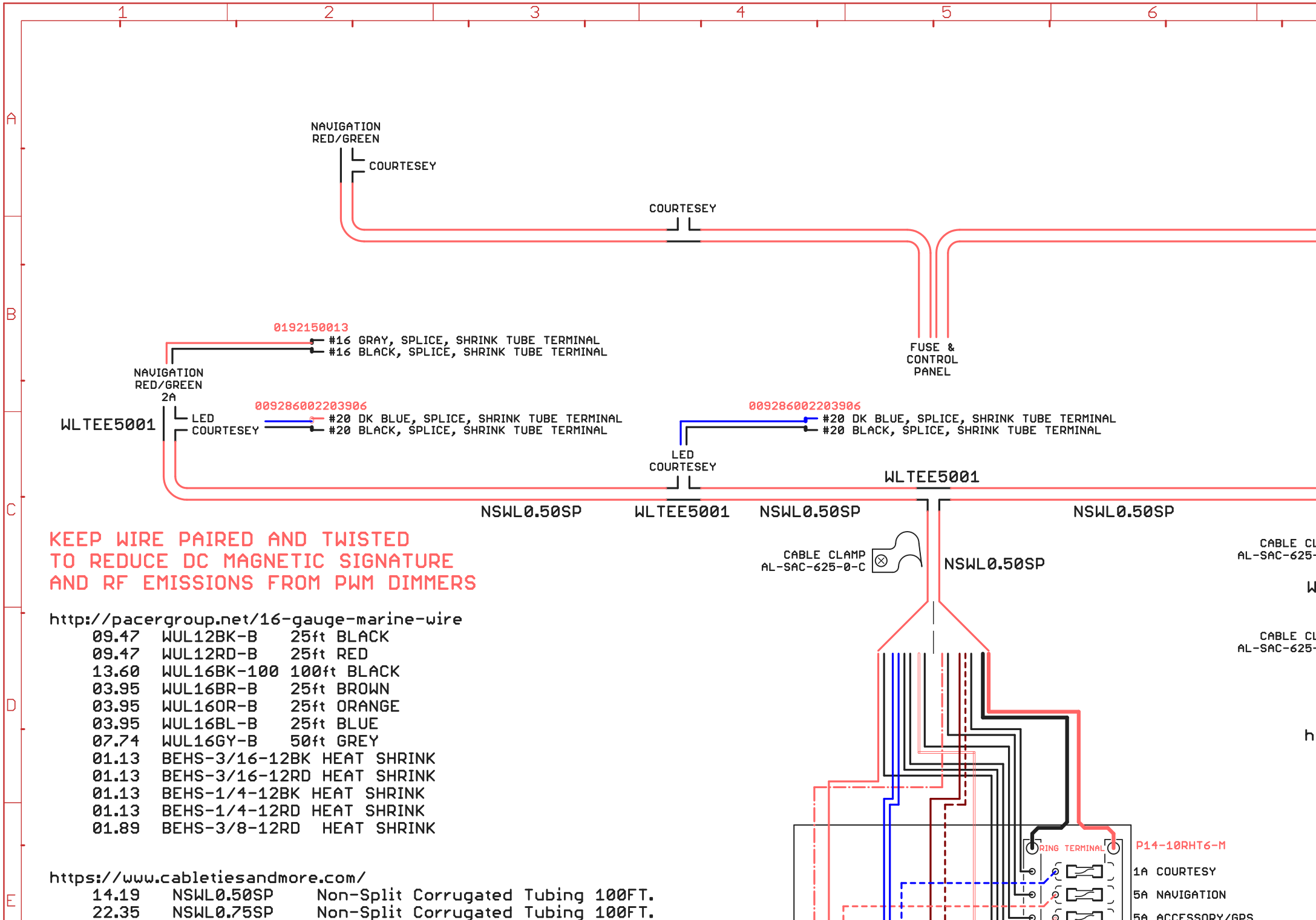
12.76	11901	SEA CHOICE 2 POS SWITCH
13.92	11911	SEA CHOICE 3 POS SWITCH
11.04	11781	SEA CHOICE PUSH BUTTON SWITCH
29.61	911490-1 (2)	ATTWOOD BASE
28.26	5092-10-7	ATTWOOD PULSAR LED R/G POLE
21.83	50031902	SEA SENSE DUAL HORN
48.24	4505-7	ATTWOOD AUTO BILGE PUMP

FUSE HOLDER  
FOR SFE20  
LPA-04Y  
DIGIKEY  
2298-LPA-04Y-ND

## FUSE PANEL

LIMIT TOTAL HEAT DISSIPATION  
IN COURTESY LIGHTS TO 12W





**KEEP WIRE PAIRED AND TWISTED  
TO REDUCE DC MAGNETIC SIGNATURE  
AND RF EMISSIONS FROM PWM DIMMERS**

<http://pacergroup.net/16-gauge-marine-wire>

- 09.47 WUL12BK-B 25ft BLACK
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- 03.95 WUL16BR-B 25ft BROWN
- 03.95 WUL16OR-B 25ft ORANGE
- 03.95 WUL16BL-B 25ft BLUE
- 07.74 WUL16GY-B 50ft GREY
- 01.13 BEHS-3/16-12BK HEAT SHRINK
- 01.13 BEHS-3/16-12RD HEAT SHRINK
- 01.13 BEHS-1/4-12BK HEAT SHRINK
- 01.13 BEHS-1/4-12RD HEAT SHRINK
- 01.89 BEHS-3/8-12RD HEAT SHRINK

<https://www.cabletiesandmore.com/>

- 14.19 NSWL0.50SP Non-Split Corrugated Tubing 100FT.
- 22.35 NSWL0.75SP Non-Split Corrugated Tubing 100FT.

CABLE CLAMP  
AL-SAC-625-0-C

CABLE CLAMP  
AL-SAC-625-0-C

**P14-10RHT6-M**

- 1A COURTESY
- 5A NAVIGATION
- 5A ACCESSORY/GPS

# GENERAL WIRING COLOR

COLOR	USE	
GREEN GREEN/YELLOW	DC Grounding Conductors NON-CURRENT CARRYING	
BLACK	DC Negative Conductors CURRENT CARRYING	
RED	DC Positive Conductors CURRENT CARRYING	
Engine and Accessory Wiring Color Code		
YELLOW/RED	Starting circuit	
BROWN/YELLOW	Bilge blowers	
DARK GRAY	Navigation lights	
	Tachometer	
BROWN (YELLOW)	Generator armature      Generator armature to regulator	
	Alternator charge light      Generator	
	Auxiliary terminal to light to regulator	
	Pumps      Fuse or switch to pumps	
ORANGE	Accessory feed      Ammeter to alternator or generator output and accessory fuses or switches	
	Unswitched instruments and accessories	
	Distribution panel to accessory switch	
PURPLE VIOLET	Ignition      Ignition switch to coil and electrical instruments	
	Instrument feed      Distribution panel to electric instruments	
DARK BLUE	Cabin and instrument lights      Fuse or switch to lights	
LIGHT BLUE	Oil pressure      Oil pressure sender to gauge	
TAN	Water temperature      Water temperature sender to gauge	

COLOR	USE
x	
x	
RED/VIOLET	
Wiring Color Code	
color	A
color	A
color	A
	A
color	A
	A
	A

