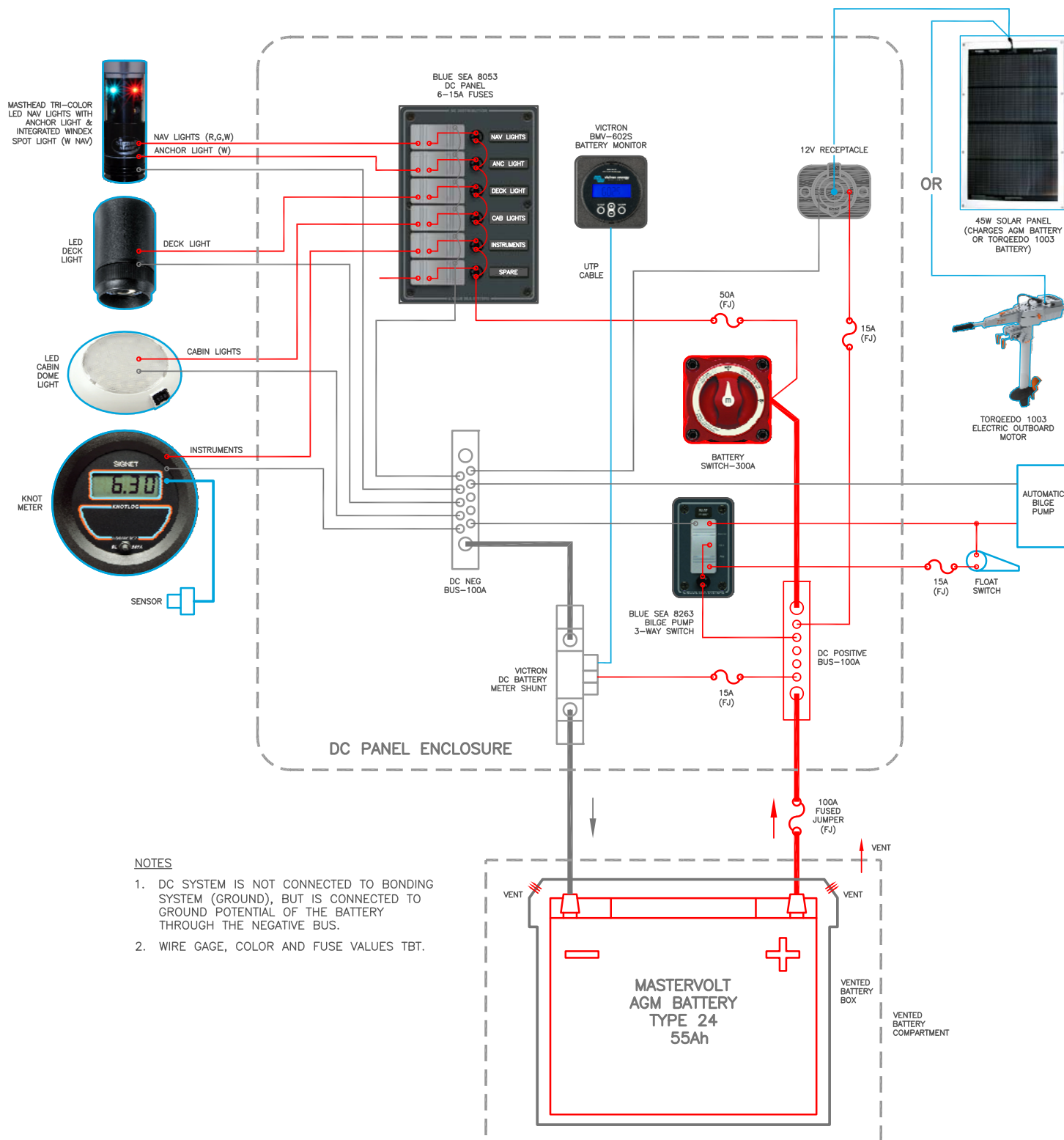
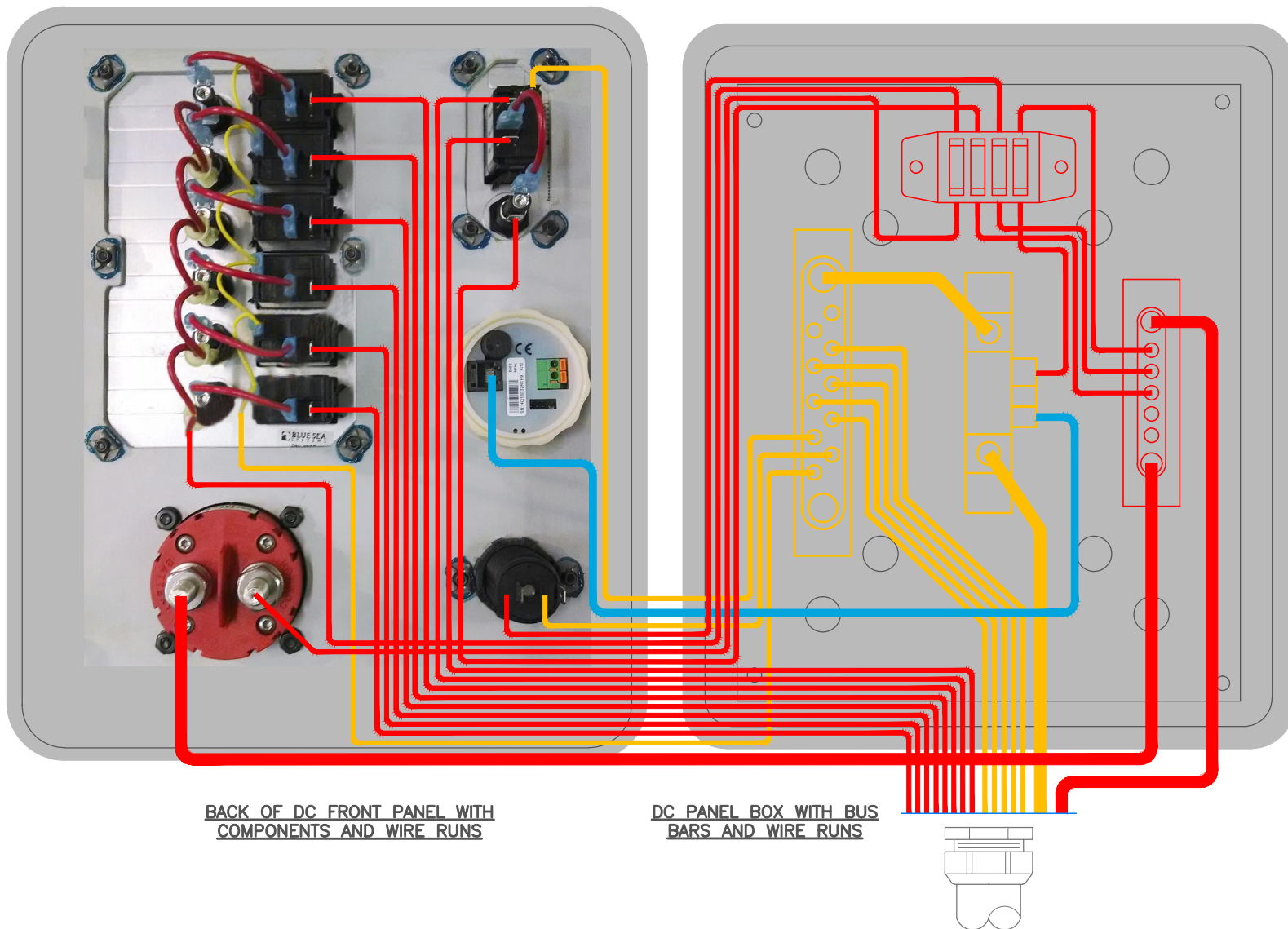




NOTES

1. DC SYSTEM IS NOT CONNECTED TO BONDING SYSTEM (GROUND), BUT IS CONNECTED TO GROUND POTENTIAL OF THE BATTERY THROUGH THE NEGATIVE BUS.
2. WIRE GAGE, COLOR AND FUSE VALUES TBT.

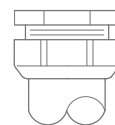
0	08-08-2013	INITIAL ISSUE	EMR	EMR	XX
REV	DATE	REVISION DESCRIPTION	DWN	DSN	ENG CHK
★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ENSIGN 22 DC SYSTEM ELECTRICAL SCHEMATIC					
SIZE	DWG. No.	E22-03.01			REV.
A					0
SCALE	N.T.S.	SHEET No.		1	



BACK OF DC FRONT PANEL WITH
COMPONENTS AND WIRE RUNS

DC PANEL BOX WITH BUS
BARS AND WIRE RUNS

0	02-07-2014	INITIAL ISSUE	EM	REM	EM	MR
REV	DATE	REVISION DESCRIPTION	DWN	DSN	ENG	CHK
 ENSGN 22 "ERASER" DC PANEL WIRE ROUTING DIAGRAM						
SIZE	DWG. No.					REV.
A	E22-03.02					0
SCALE	N.T.S.				SHEET No.	1



		EN522 "ERASER" DC PANEL WIRING SCHEMATIC	
SIZE A	DWG. No. E22-03.03	REV. 0	
SCALE N.T.S.		SHEET No. 1 OF 2	

MASTHEAD TRI-COLOR
LED NAV LIGHTS WITH
ANCHOR LIGHT &
INTEGRATED WINDEX
SPOT LIGHT-K



K01-NAV LIGHTS
K02-ANCHOR LIGHT
K03-NAV AND ANCHOR LIGHTS GND

A01-SWITCH PANEL-A
A02-SWITCH PANEL-A
F02-NEG BUS-F

LED DECK
LIGHT-L



L01-DECK LIGHT
L02-DECK LIGHT GND

A03-SWITCH PANEL-A
F03-NEG BUS-F

LED CABIN
DOME
LIGHT-M



M01-CABIN LIGHT
M02-CABIN LIGHT GND

A04-SWITCH PANEL-A
F04-NEG BUS-F

KNOT
METER-N



N01-KNOT METER
N02-KNOT METER LIGHT
N03-KNOT METER GND

A05-SWITCH PANEL-A
A06-SWITCH PANEL-A
F05-NEG BUS-F



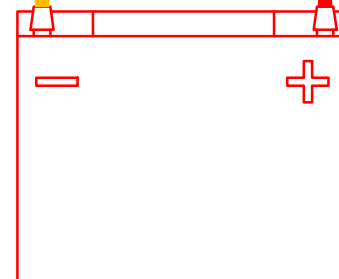
SENSOR

AUTOMATIC
BILGE PUMP
WITH
INTEGRATED
FLOAT
SWITCH-P



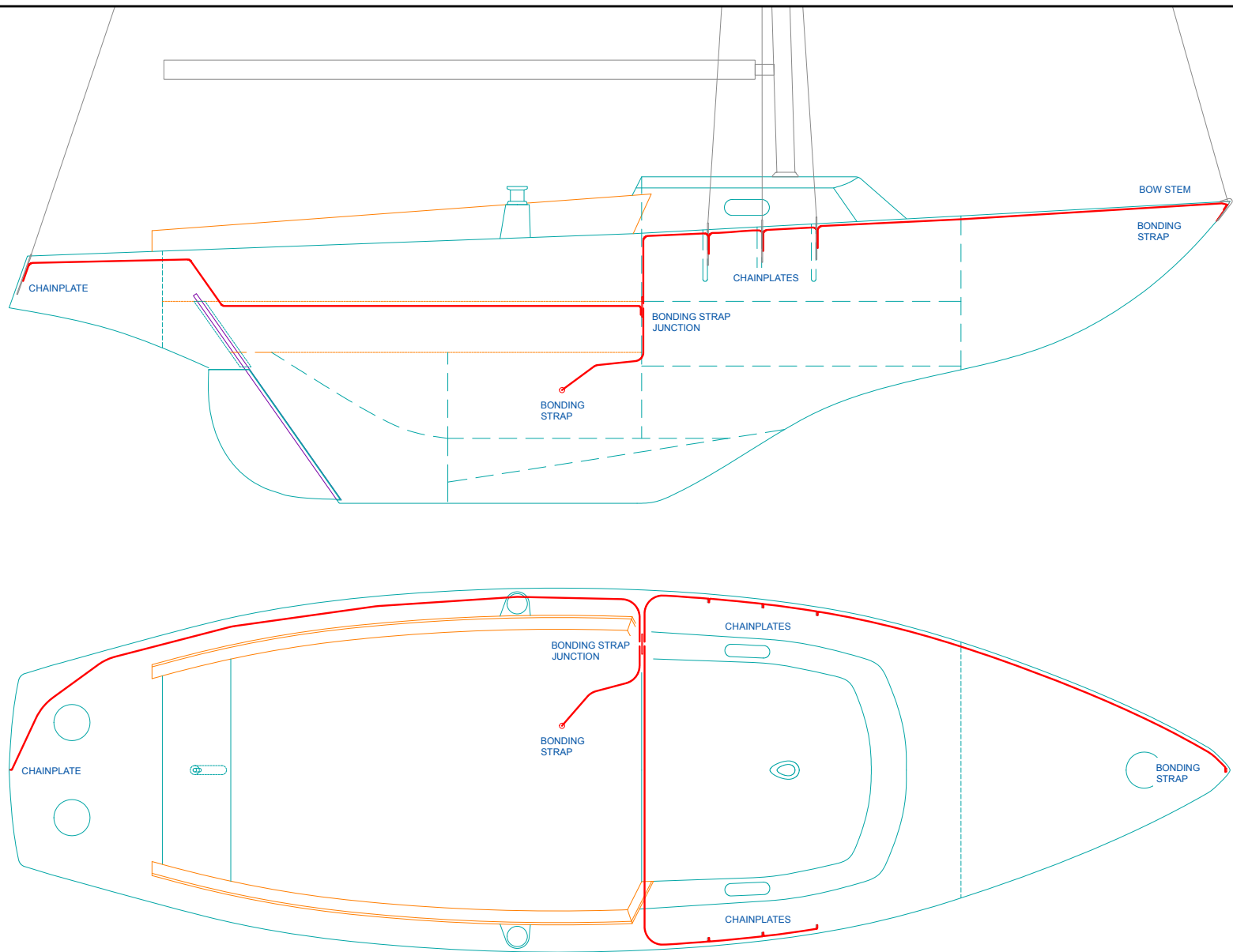
P01-BILGE PUMP-AUTO
P02-BILGE PUMP-ON
P04-BILGE PUMP GND

B01-BILGE PUMP SWITCH-B
B02-BILGE PUMP SWITCH-B
F06-NEG BUS-F



		ENSIGN 22 "ERASER" DC PANEL WIRING SCHEMATIC	
SIZE	DWG. No.	REV.	
A	E22-03.03	0	
SCALE	N.T.S.		SHEET No. 2 OF 2

0	03-02-2014	INITIAL ISSUE	EM	REM	REM	MR
REV	DATE	REVISION DESCRIPTION	DWN	DSN	ENG	CHK



NOTE:
THIS HARDWARE LAYOUT IS FOR ENSIGN #1484. THE DESIGN IS GLEANED FROM APPROXIMATELY A DOZEN DIFFERENT ENSIGN 22'S AND PERSONAL OBSERVATIONS. IT IS PUBLISHED HERE FOR INFORMATIONAL PURPOSES ONLY. PLEASE FEEL FREE TO USE AS YOU SEE FIT AND FEED BACK ANY DESIGN COMMENTS OR SUGGESTED CHANGES TO THE GROUP.

		ENSIGN 22 "ERASER" Electrical Bonding Plan	
SIZE A	DWG. No. E22-04.03	REV. 0	
REV 0	DATE 5-1-2016	REVISION DESCRIPTION INITIAL ISSUE	SHEET No. 1 OF X

EM	RE	MR	MR
DWN	DSN	ENG	CHK
SCALE	N.T.S.		

