

P2 Console Tx
P2 Console Rx
P2 DGnd
P2 DGnd

**J5
P2 Serial Comms**

Frame Ground (to SideARM GF Detector)

P2 PwrRet
P2 +10-15 VDC

**J8
P2 10-15VDC Power**

+400V
400V COM
FRAME GROUND

**J14
400 VDC Input Power**

+14V
+14V
14V COM
14V COM

LOAD FRAME GROUND

**J1
14V Output**

+Batt
BattCom
+Batt
BattCom

**J3
Backup Battery**

+Cap
CapCom
+Cap
CapCom

**J6
Ultracap**

+400V
400V COM
FRAME GROUND

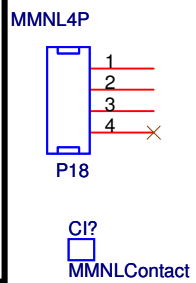
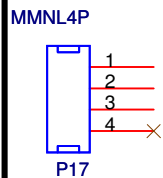
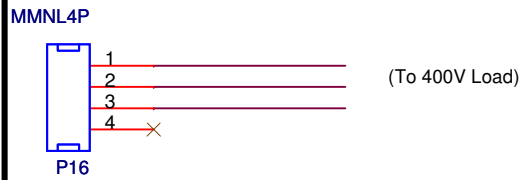
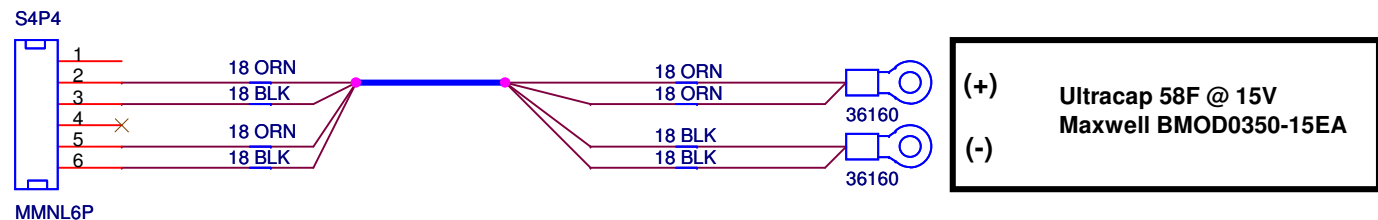
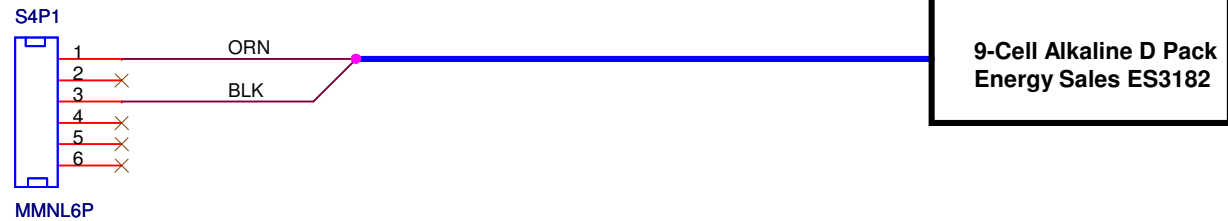
**J9
400 VDC Sw 0
Output**

+400V
400V COM
FRAME GROUND

**J11
400 VDC Sw 1
Output**

+400V
400V COM
FRAME GROUND

**J13
400 VDC Sw 2
Output**



WARNING!
*Lethal voltage present when
400V circuits are energized.*

		MBARI 7700 Sandholdt Rd Moss Landing CA 95039 831-775-1730 www.mbari.org		
Wiring Diagram, MOOS BIN 400-12 Converter/Switch Board				
Ed Mellinger 831-775-1730 meed@mbari.org	Size B	CAGE Code <Cage Code>	DWG NO 1002500	Rev 0
Monday, May 15, 2006	Scale			Sheet 2 of 2