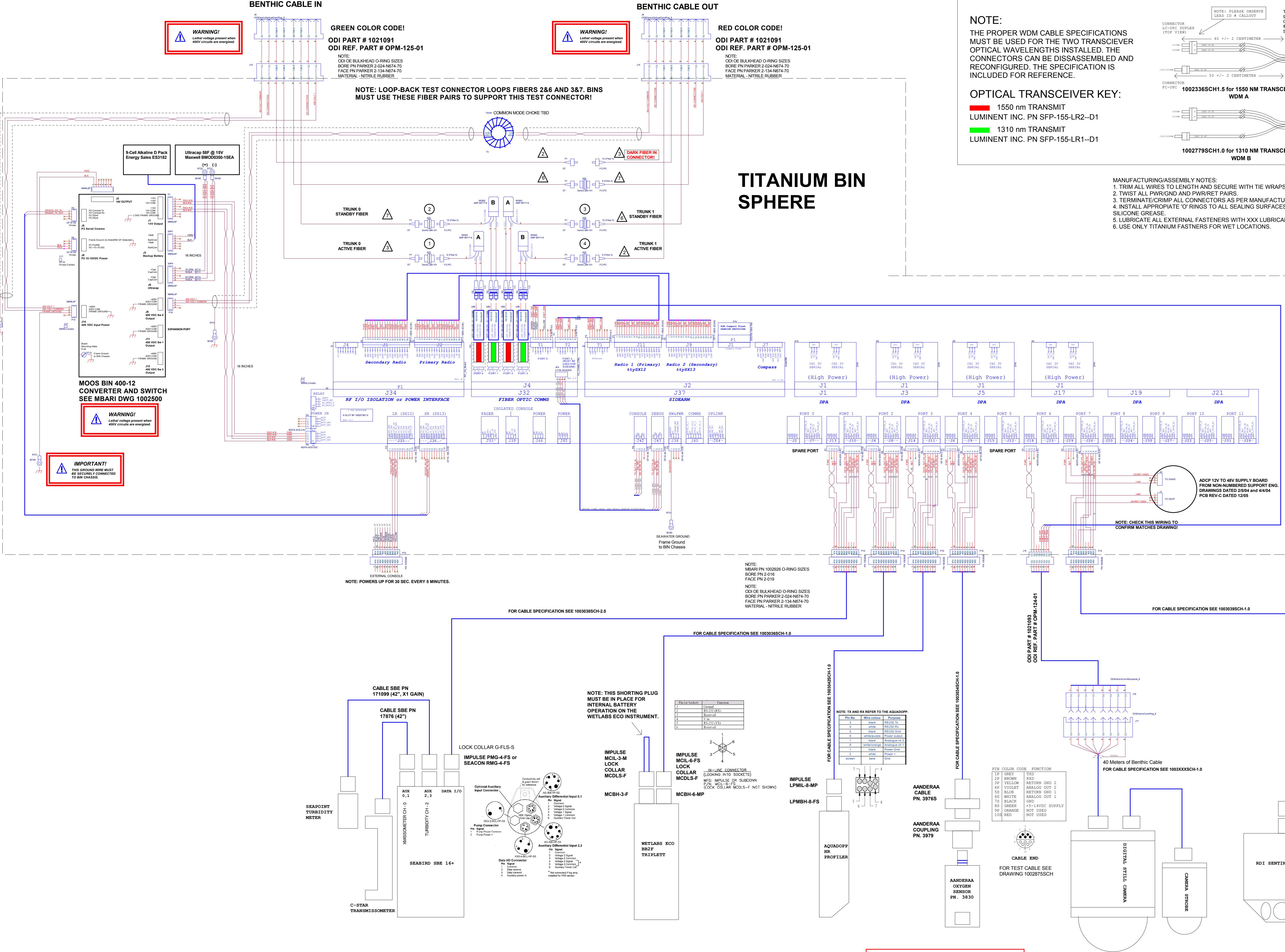
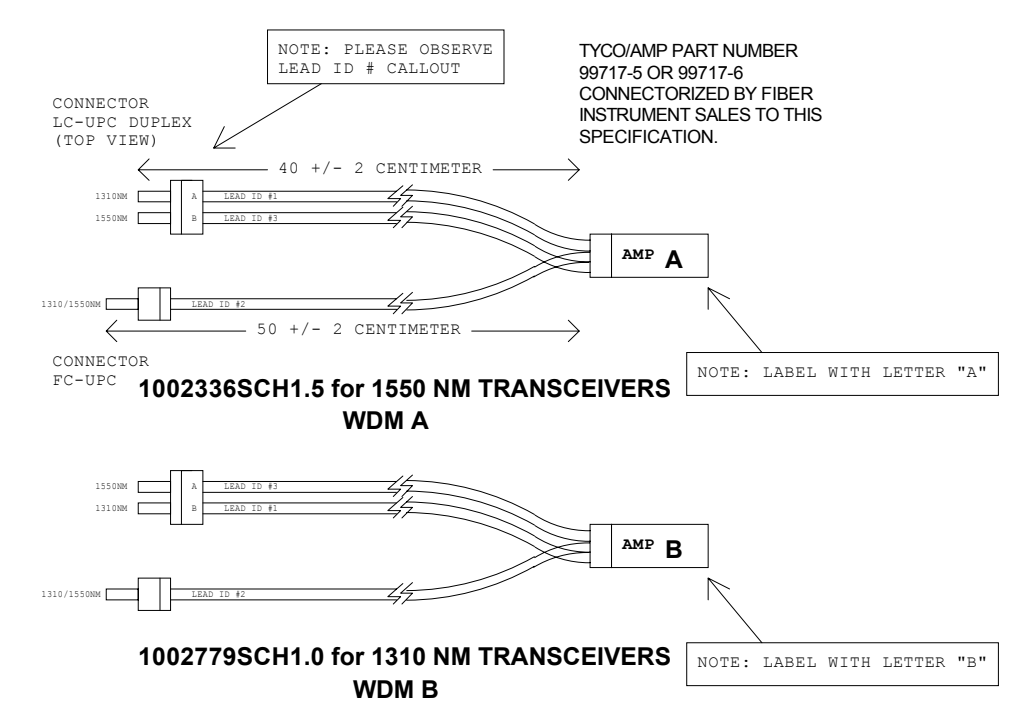




NOTE:
THE PROPER WDM CABLE SPECIFICATIONS MUST BE USED FOR THE TWO TRANSCIEVER OPTICAL WAVELENGTHS INSTALLED. THE CONNECTORS CAN BE DISSASSEMBLED AND RECONFIGURED. THE SPECIFICATION IS INCLUDED FOR REFERENCE.

OPTICAL TRANSCIEVER KEY:
1550 nm TRANSMIT
LUMINENT INC. PN SFP-155-LR2-D1
1310 nm TRANSMIT
LUMINENT INC. PN SFP-155-LR1-D1



- MANUFACTURING/ASSEMBLY NOTES:**
1. TRIM ALL WIRES TO LENGTH AND SECURE WITH THE WRAPS OR TIE CORD.
 2. TWIST ALL PWR/GND AND PWR/RET PAIRS.
 3. TERMINATE/CRIMP ALL CONNECTORS AS PER MANUFACTURERS INSTRUCTIONS.
 4. INSTALL APPROPRIATE 'O' RINGS TO ALL SEALING SURFACES GREASED WITH DOW CORNING #55 SILICONE GREASE.
 5. LUBRICATE ALL EXTERNAL FASTENERS WITH XXX LUBRICANT DURING ASSEMBLY.
 6. USE ONLY TITANIUM FASTNERS FOR WET LOCATIONS.

MTM4/MSE SHELF BIN ELECTRICAL ASSEMBLY

MTM4 AS-BUILT

- SYMBOL KEY**
- 3 OPTICAL CABLE NUMBER
 - 3 OPTICAL JUNCTION BRACKET NUMBER

REVISION HISTORY
1.0 01SEP05 - INITIAL DRAWING
1.5 24MAR06 - MODIFIED OPTICS, CORRECTED XCIEVERS, ADDED PORT DESIGNATIONS TO MEDUSA CARD.
2.0 18MAY08 - REVISED ODI CONN. ADDED POWER BOARD.
2.5 31MAY08 - CHANGED COPPER ODI WIRING. OPTICAL FIBERS USED TO BE COMPATIBLE WITH LOOP-BACK CONNECTOR.
3.0 23JUN08 - CHANGED INPUT OPTICAL FIBERS TO MATCH ODI AS-BUILT. CORRECTED RADIO CHANNELS. CORRECTED CONSOLE WIRING.
3.1 02NOV08 - REVISED ODI COPPER TO MATCH AXIS. REVISED POWER WIRING AS PER ED'S AS-BUILT. CHECK EXISTING ETHERNET CABLE WIRING!

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

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MBARI Shelf Bin Assembly - 1002876SCH-3.1
Drawing No. 1002876SCH-3.1
Revision 3.1
Date: March 12, 2008

MBARI
1002876SCH-3.1
MTM4/MSE SHELF BIN ELECTRICAL WIRING
Rev: 3.1