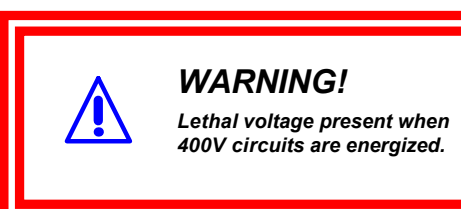


BENTHIC CABLE IN



GREEN COLOR CODE!
ODI PART # 1021091
ODI REF. PART # OPM-125-01

NOTE:
ODI OE BULKHEAD O-RING SIZES
BORE PN PARKER 2-024-N674-70
FACE PN PARKER 2-134-N674-70
MATERIAL - NITRILE RUBBER

NOTE: LOOP-BACK TEST CONNECTOR LOOPS FIBERS 2&6 AND 3&7. BINS
MUST USE THESE FIBER PAIRS TO SUPPORT THIS TEST CONNECTOR!

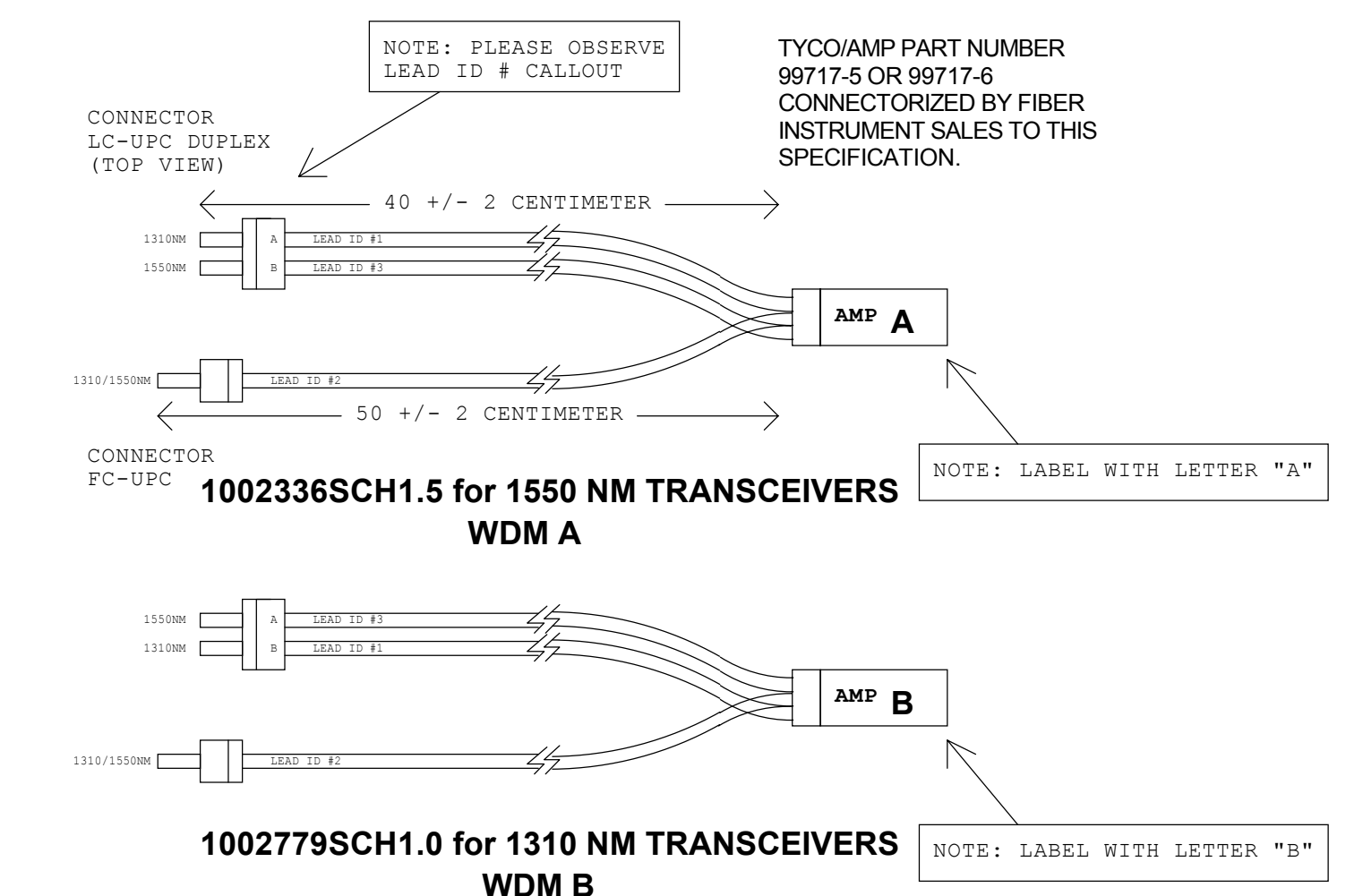
TITANIUM BIN
SPHERE

NOTE:

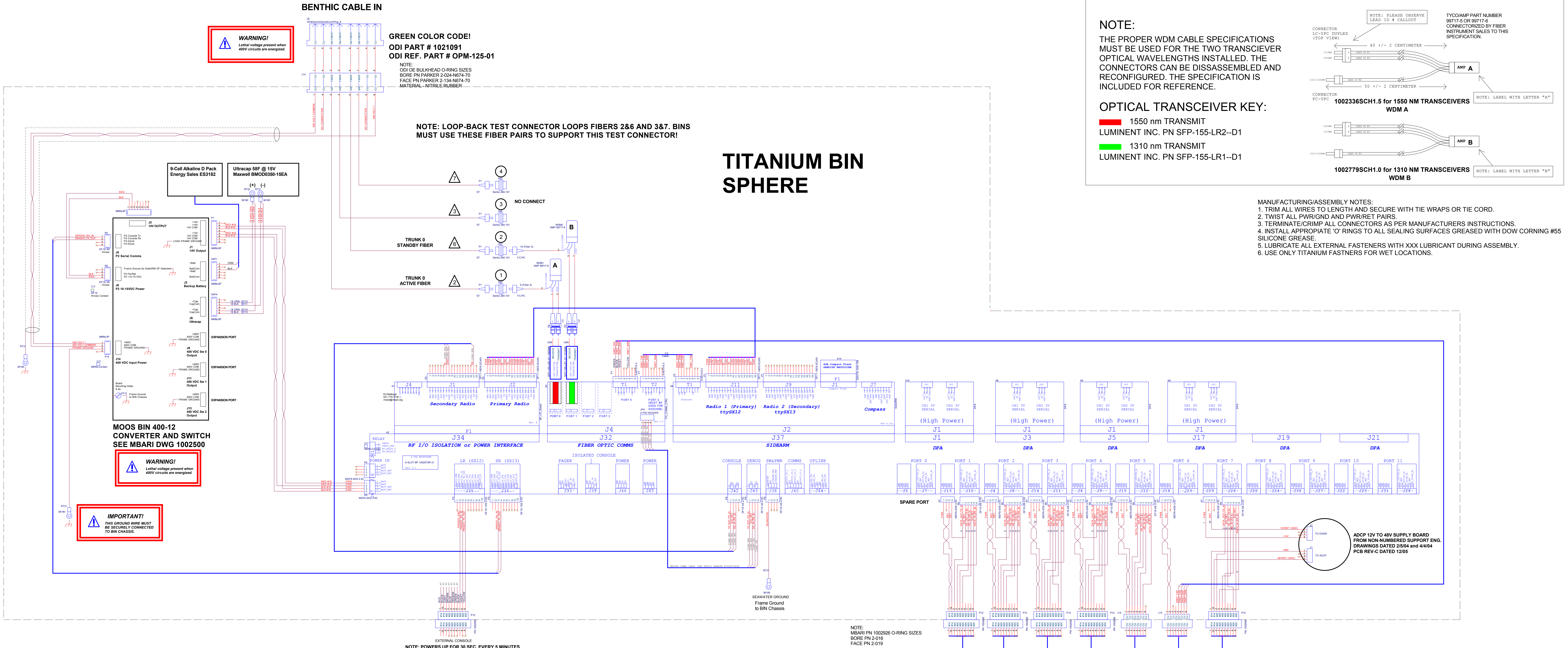
THE PROPER WDM CABLE SPECIFICATIONS
MUST BE USED FOR THE TWO TRANSCEIVER
OPTICAL WAVELENGTHS INSTALLED. THE
CONNECTORS CAN BE DISSASSEMBLED AND
RECONFIGURED. THE SPECIFICATION IS
INCLUDED FOR REFERENCE.

OPTICAL TRANSCEIVER 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 TIE 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 FASTENERS FOR WET LOCATIONS.



NOTE: MBARI PN 1002826 O-RING SIZES
BORE PN 2-016
FACE PN 2-019

NOTE: ODI OE BULKHEAD O-RING SIZES
BORE PN PARKER 2-024-N674-70
FACE PN PARKER 2-134-N674-70
MATERIAL - NITRILE RUBBER

NOTE: POWERS UP FOR 30 SEC. EVERY 5 MINUTES.

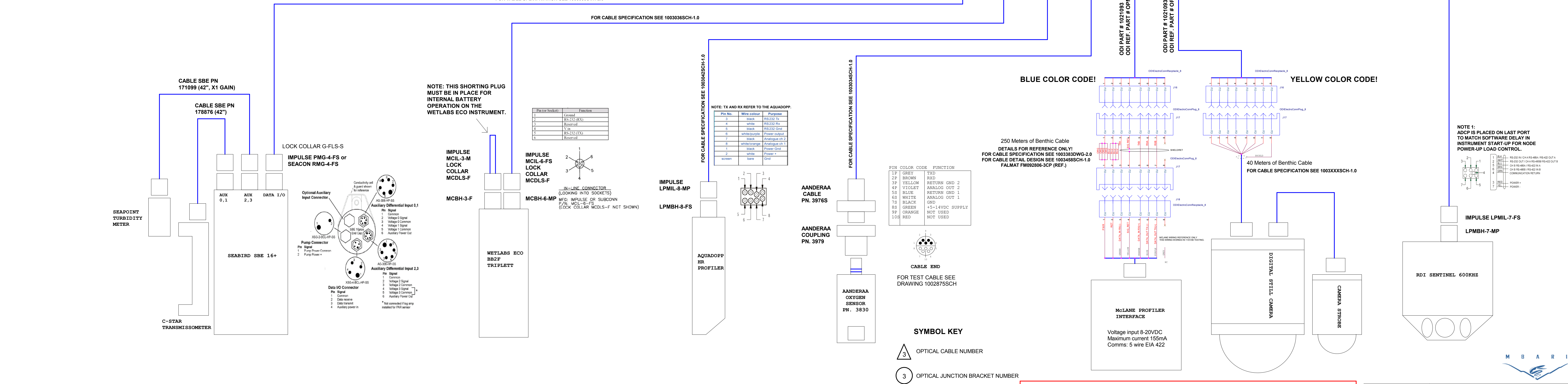
FOR CABLE SPECIFICATION SEE 100303SCH-2.0

FOR CABLE SPECIFICATION SEE 100303SCH-1.0

FOR CABLE SPECIFICATION SEE 100303SCH-1.0

FOR CABLE SPECIFICATION SEE 100303SCH-1.0

FOR CABLE SPECIFICATION SEE 100303SCH-1.0



MTM4/MSE AXIS BIN ELECTRICAL ASSEMBLY

MTM4 11NOV06 DEPLOYMENT AS-BUILT



REVISION HISTORY
1.0 01SEP05 - INITIAL DRAWING
1.5 24MAR06 - MODIFIED OPTICS, CORRECTED XCONNECTIONS, ADDED PORT DESIGNATIONS TO MEDUSA CARD.
2.0 19MAY06 - REVISED ODI CONN. ADDED POWER BOARD.
2.5 31MAY06 - CHANGED COPPER ODI WIRING, OPTICAL FIBERS USED TO BE COMPATIBLE WITH LOOP-BACK CONNECTOR.
2.6 02NOV06 - CHANGED COPPER ODI WIRING BACK TO MATCH AS-BUILT AND PALMAT CABLE. REVISED POWER WIRING AS PER ED'S AS-BUILT.

MTM4/MSE AXIS BIN ELECTRICAL WIRING			
DATE: 11/11/2007	BY: [Signature]	CHKD: [Signature]	APPD: [Signature]
FILE: 100316SCH-2.6	REV: 2.6	REV: 2.6	REV: 2.6