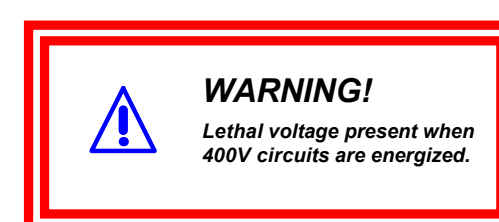


BENTHIC CABLE IN



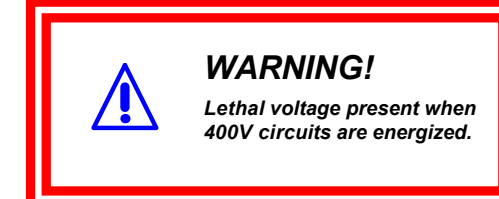
GREEN COLOR CODE!

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!

BENTHIC CABLE OUT



RED 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

TITANIUM BIN SPHERE

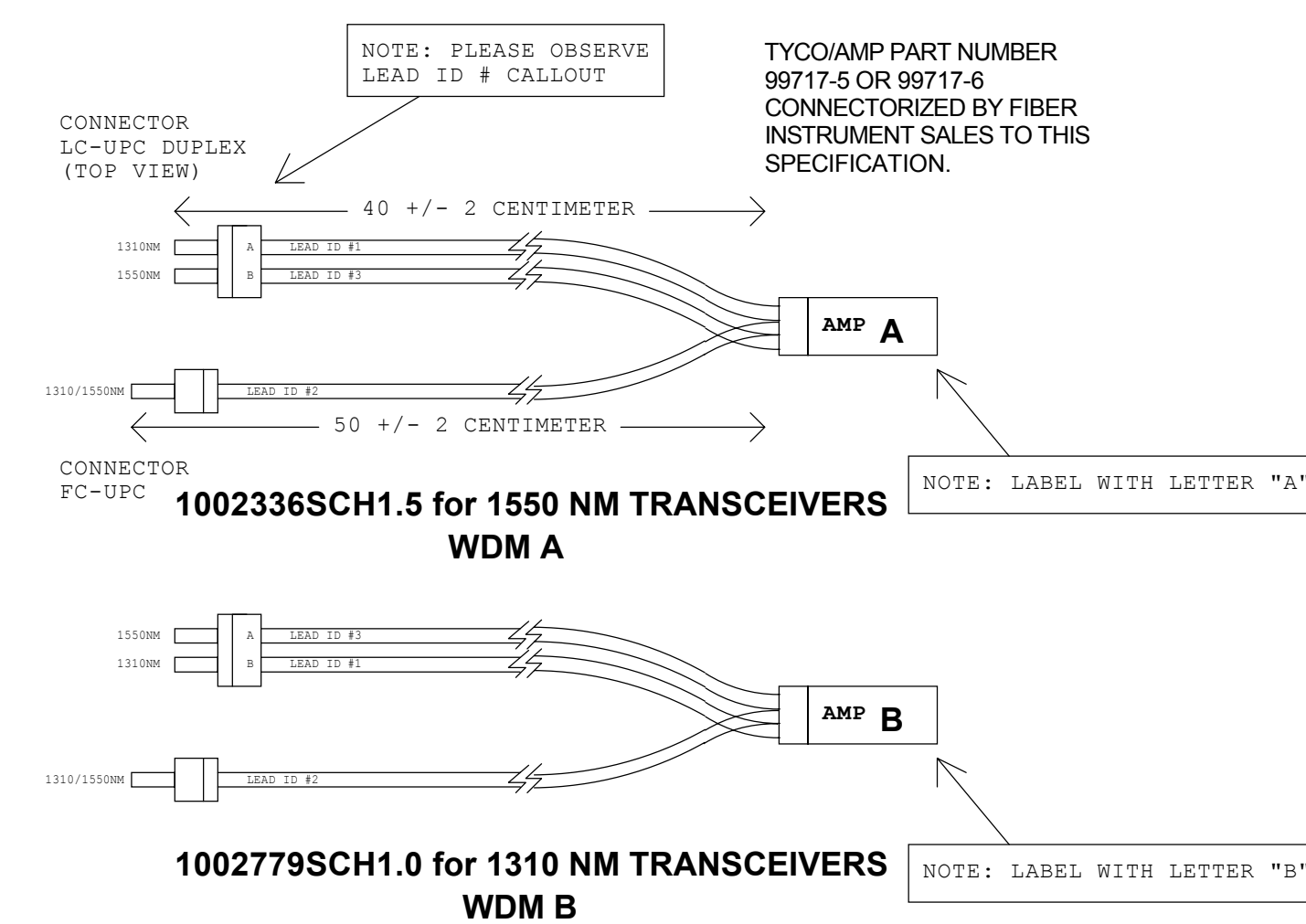
NOTE:

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 TRANSCEIVER KEY:

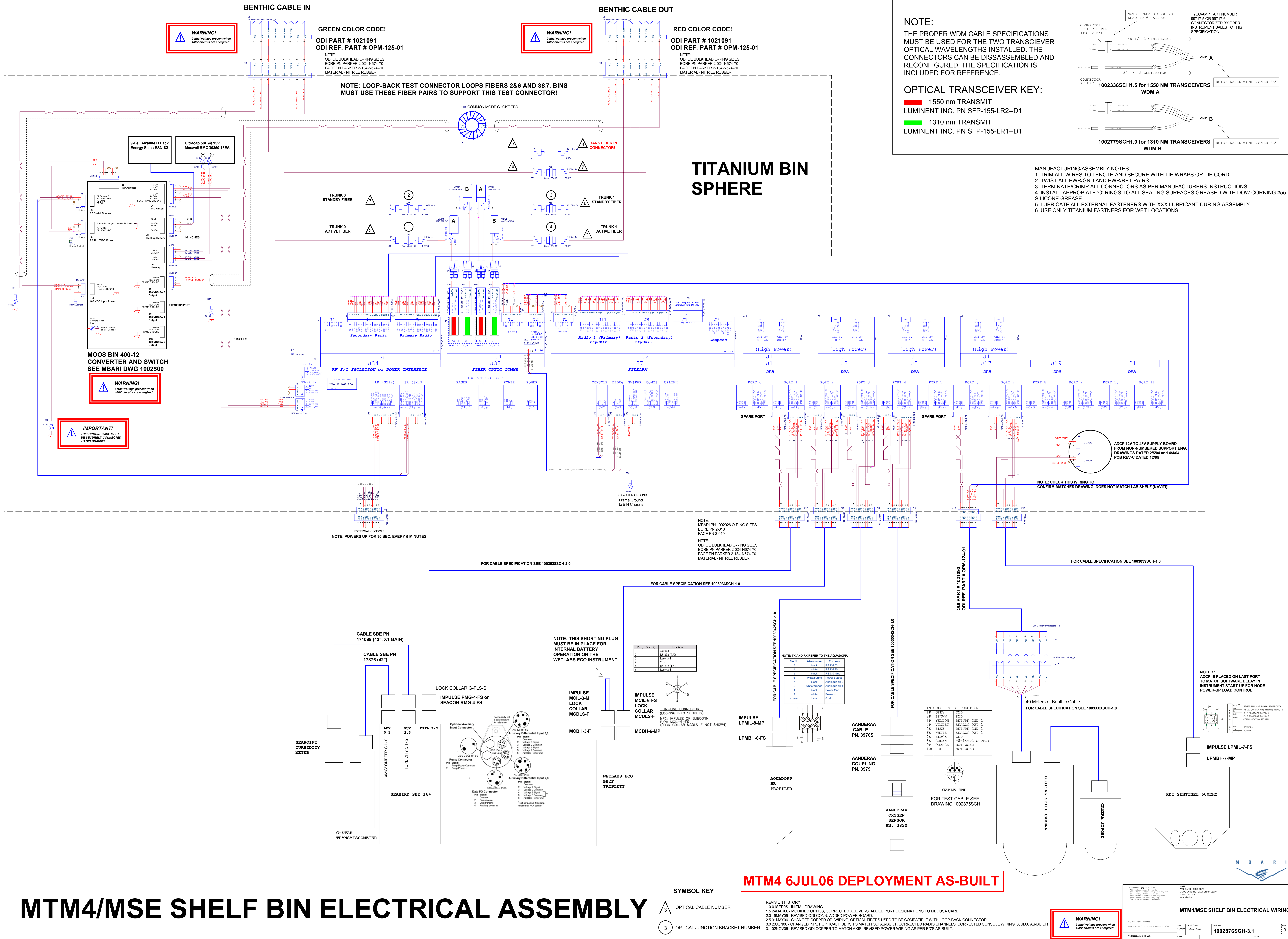
1550 nm TRANSMIT
LUMINENT INC. PN SEP-155-LR2--D1

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 #85 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 6JUL06 DEPLOYMENT AS-BUILT

SYMBOL KEY

 OPTICAL CABLE NUMBER

3 OPTICAL JUNCTION BRACKET NUMBER

REVISION HISTORY

1.0	01SEP05 - INITIAL DRAWING.
1.5	24MAR06 - MODIFIED OPTICALS, CORRECTED CXCIVERS, 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.
3.0	03JUN06 - CHANGED INPUT OPTICAL FIBERS TO MATCH ODI AS-BUILT, CORRECTED RADIO CHANNELS, CORRECTED CONSOLE WIRING, 6JUL06 AS-BUILT.
3.1	02NOV06 - REVISED ODI COPPER TO MATCH AXIS, REVISED POWER WIRING AS PER ED'S AS-BUILT.

WARNING!
Lethal voltage present when 480V circuits are energized

[illegible]