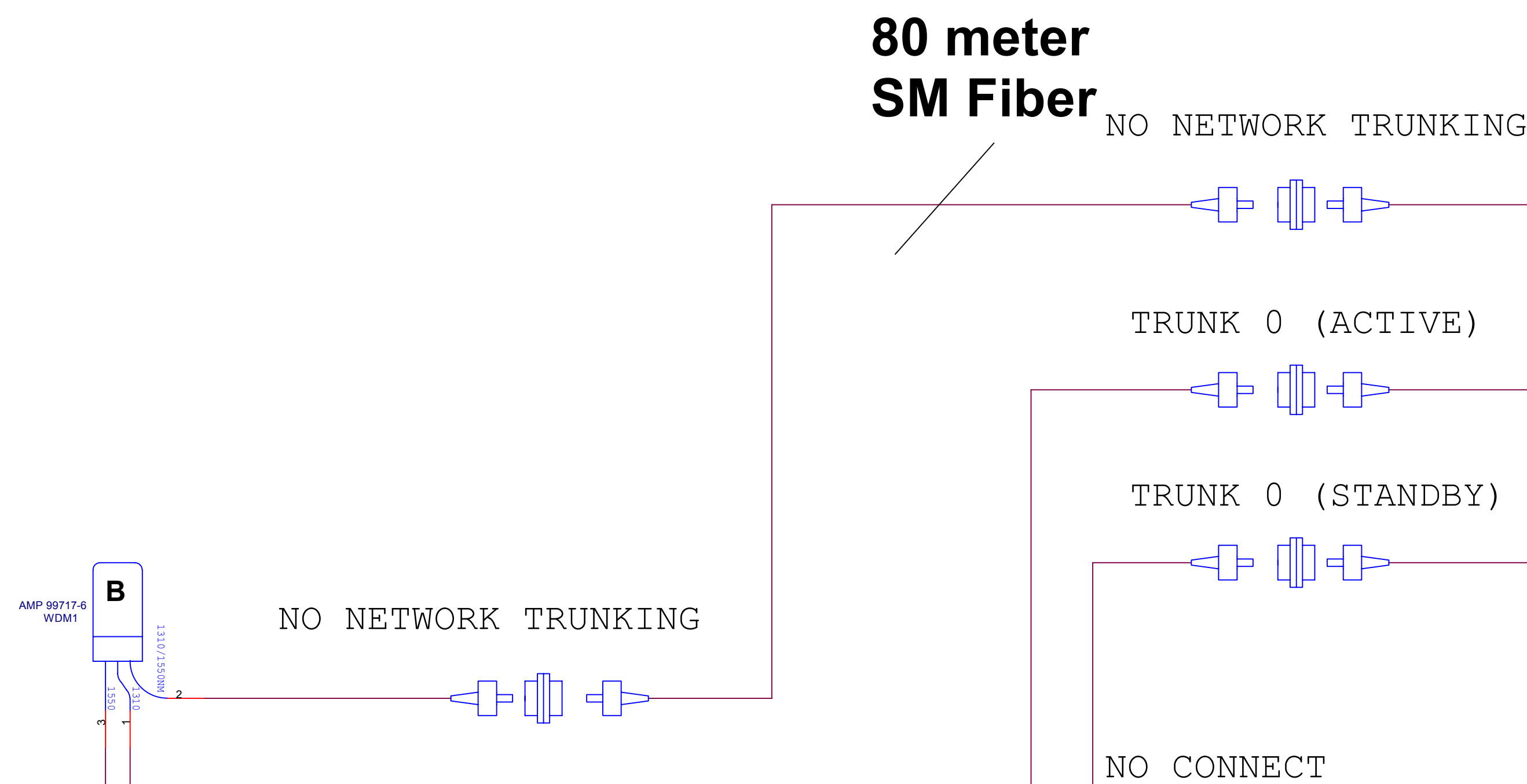
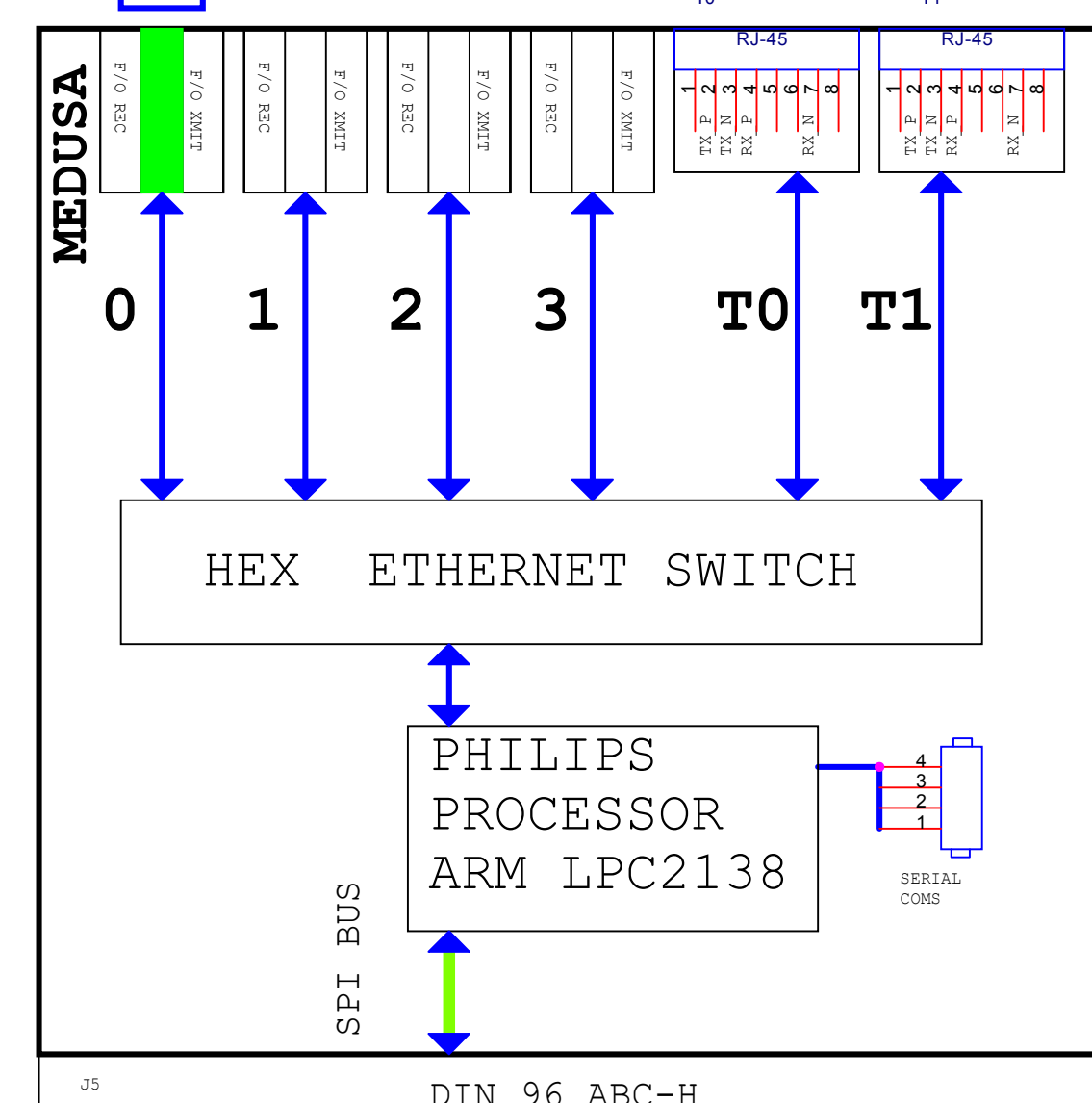




NODE10 ISI-ID 1482 NOMUKA SNUBBER NODE



SIDEARM SER. # 4.10
SIDEARM MAC 00.0C.6A.00.04.0A
SIDEARM IP 134.89.36.10
MEDUSA SER. # 2.009
MEDUSA IP 134.89.36.59
MEDUSA MAC 00.0C.6A.01.02.09
MEDUSA ISI-ID 1505

MEDUSA PORT CONFIGURATION

TRUNKING NO
PORT 0 ON
PORT 1 OFF
PORT 2 OFF
PORT 3 OFF

NOTE 4:

IMPORTANT! MEDUSA PORT CONFIGURATION MUST BE PERFORMED CORRECTLY. HAVING MORE THEN ONE TRUNK ACTIVE ON A NODE-TO-NODE SEGMENT WILL CRASH THE SWITCH. THE CURRENT CONFIGURATION KEEPS THE "FAR" SIDE PORTS ON AND ONLY ONE PORT ON ON THE "NEAR" SIDE (TO THE SURFACE). IN CASE OF ACTIVE TRUNK FAILURE THE "NEAR" SIDE PORT CAN BE SWITCHED OFF AND THE STANDBY PORT SWITCHED ON MANUALLY. AUTOMATIC FAILOVER IS CURRENTLY NOT RELIABLE ENOUGH FOR FIELD USE.

SHELF SWAP 25APR07 DEPLOYMENT DRAFT

REVISION HISTORY
1.0 01JUN05 mrc Initial release.
1.1 08JUN05 mrc Added labels as per Tims comments.
1.2 19AUG05 mrc Changed transceiver call-out to allow passive loop-back.
1.5 20MAY06 mrc Updated to deployed snubber configuration.
2.0 05JUL06 mrc Verified board information.
2.5 05SEP06 mrc Updated to phase 1 deployed configuration. Corrected WAYA Medusa SN.
3.0 02NOV06 Updated to AXIS deployment design.
3.1 07DEC06 Corrected node11 Medusa ISI-ID.
3.5 12APR07 Added optical config. info. Updated to 4/25/07 draft deployed configuration.

MTM4 DEPLOYED TEST SYSTEM MOOS Network 1 (134.89.36.xx)

NOTE 1:

THE SPECIFIED TRANSCIEVER OPTICAL WAVELENGTHS MUST BE INSTALLED TO ALLOW IN-SITU OPTICAL LOOPBACK TESTING BETWEEN ADJACENT TRANSCIEVERS.

TRANSCIEVER KEY:

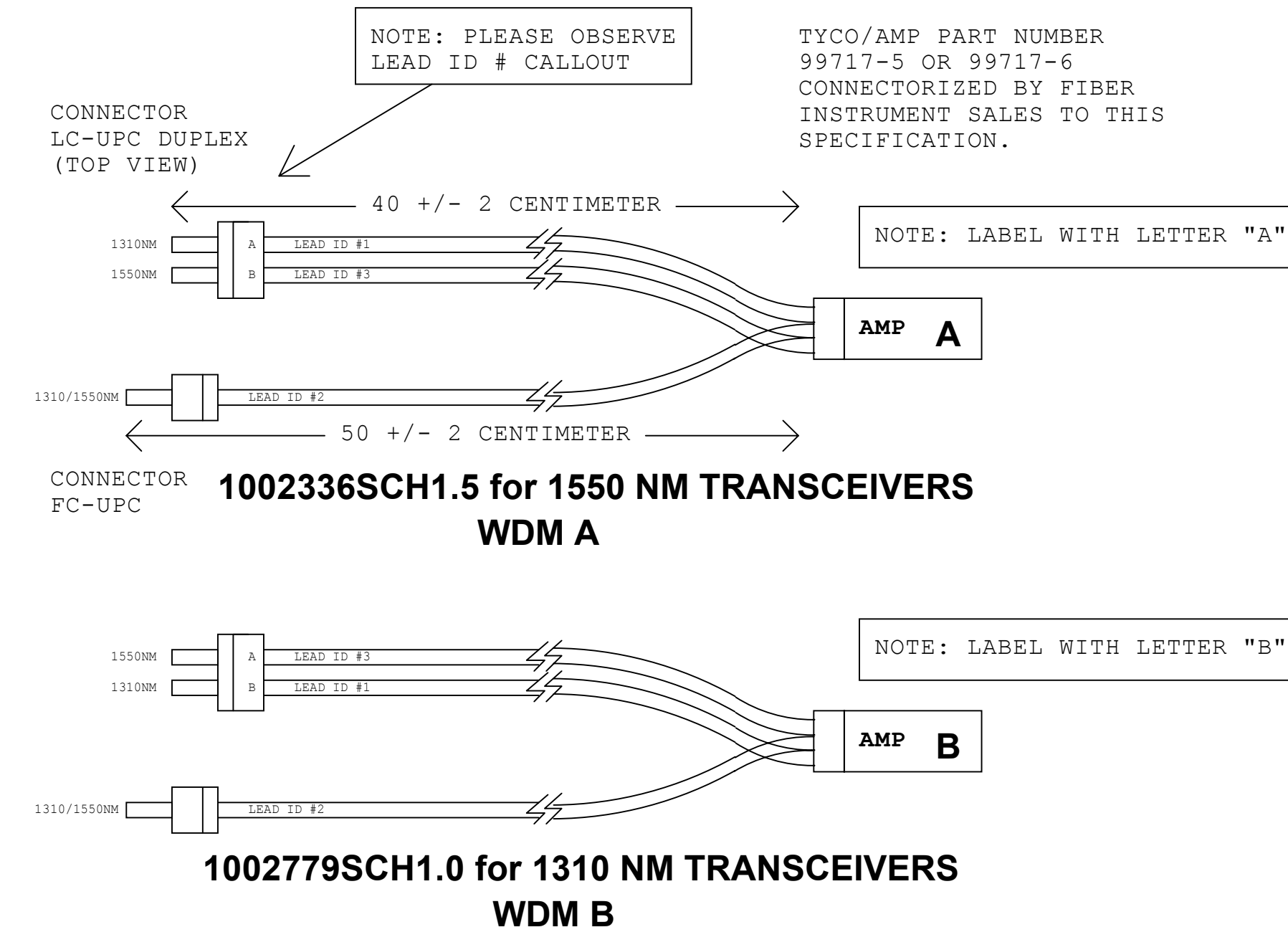
1310 nm TRANSMIT
LUMINENT INC. PN SFP-155-LR1--D1
1550 nm TRANSMIT
LUMINENT INC. PN SFP-155-LR2--D1

NOTE 2:

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.

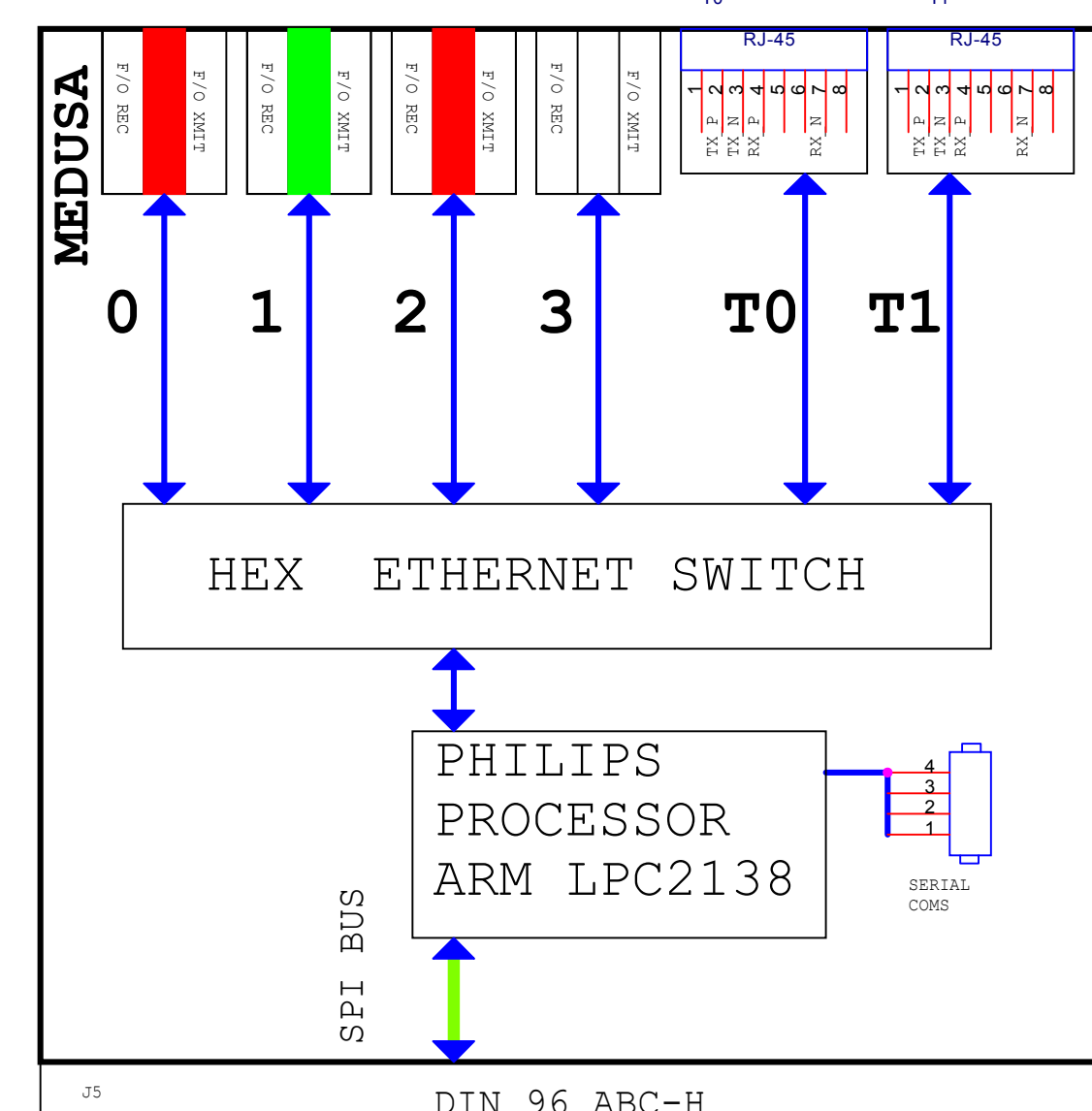
NOTE 3:

THE SIDEARM 10BASE-T CONNECTION MUST BE ON MEDUSA PORT 4 (SILKSCREEN REF. T2). THIS PORT ONLY IS SOFTWARE CONFIGURED FOR 10BASET AND HALF-DUPLEX. THE OTHER PORTS AUTO-NEGOIATE.



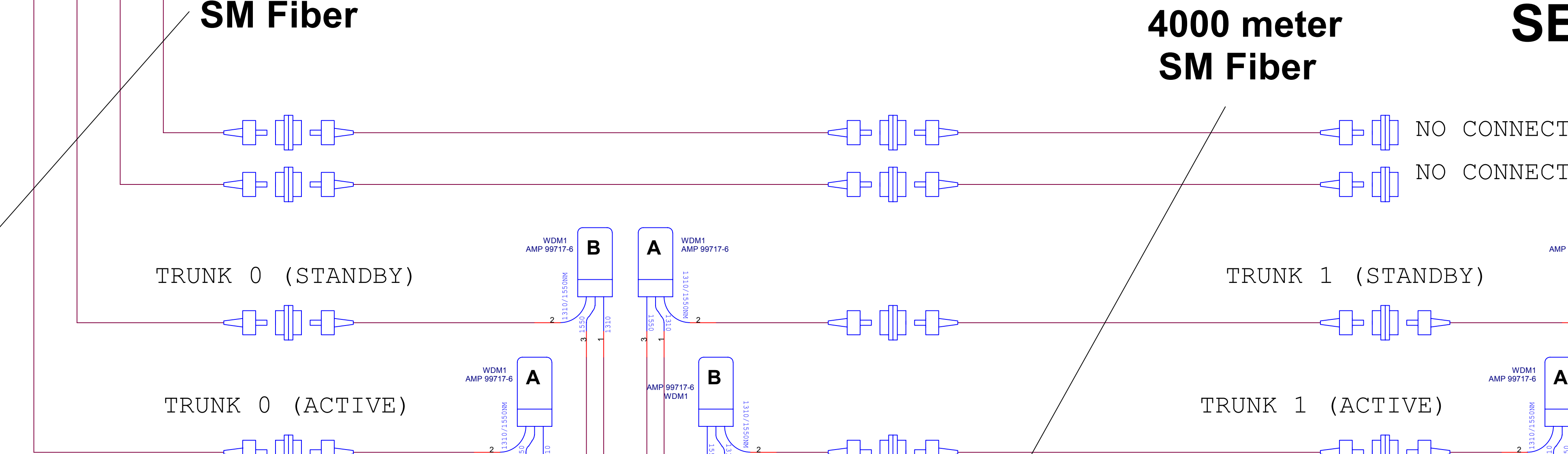
NO CONNECT

4000 meter
SM Fiber

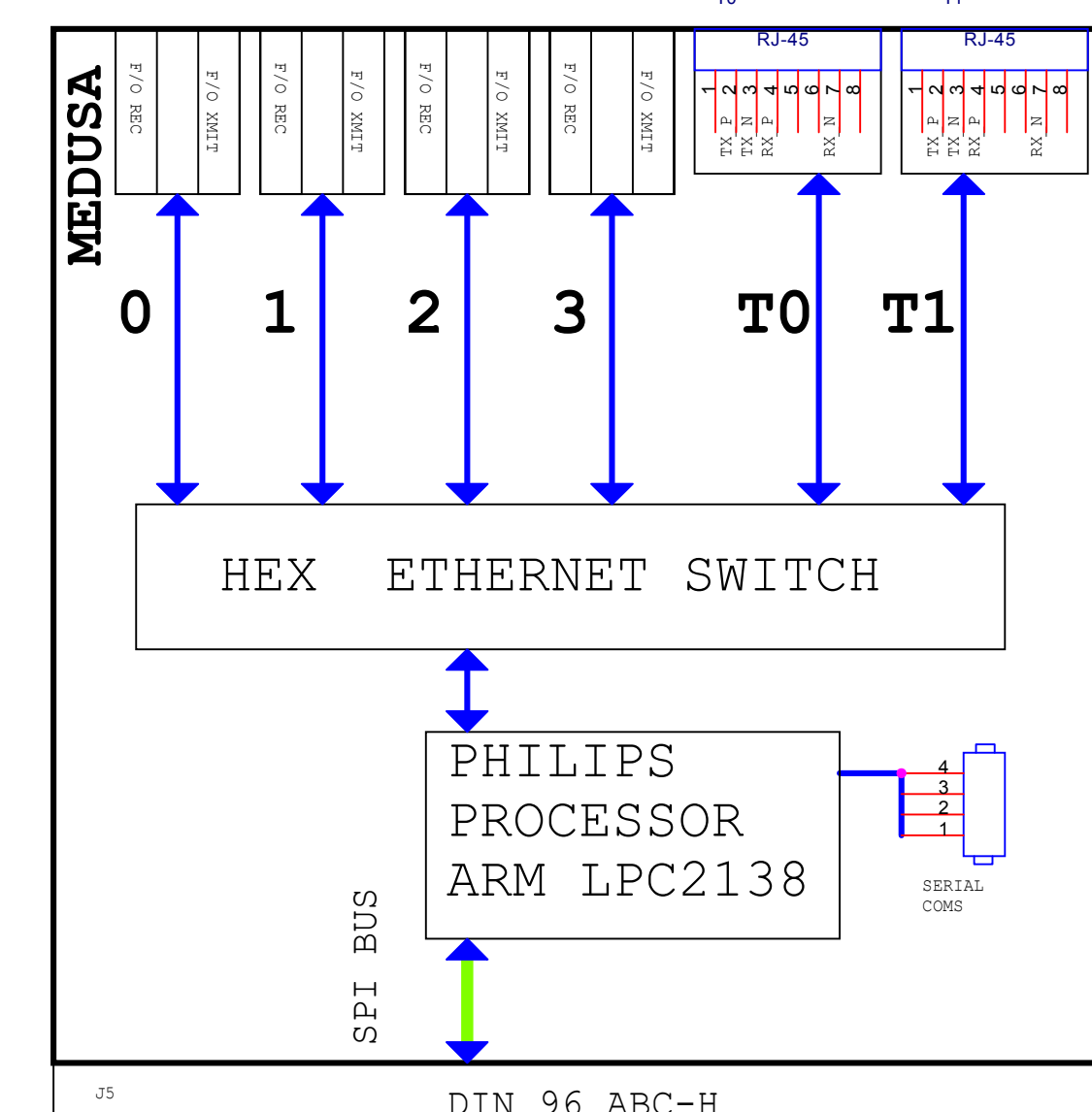


SURFACE ISI-ID 1446 PANGAI

4000 meter
SM Fiber



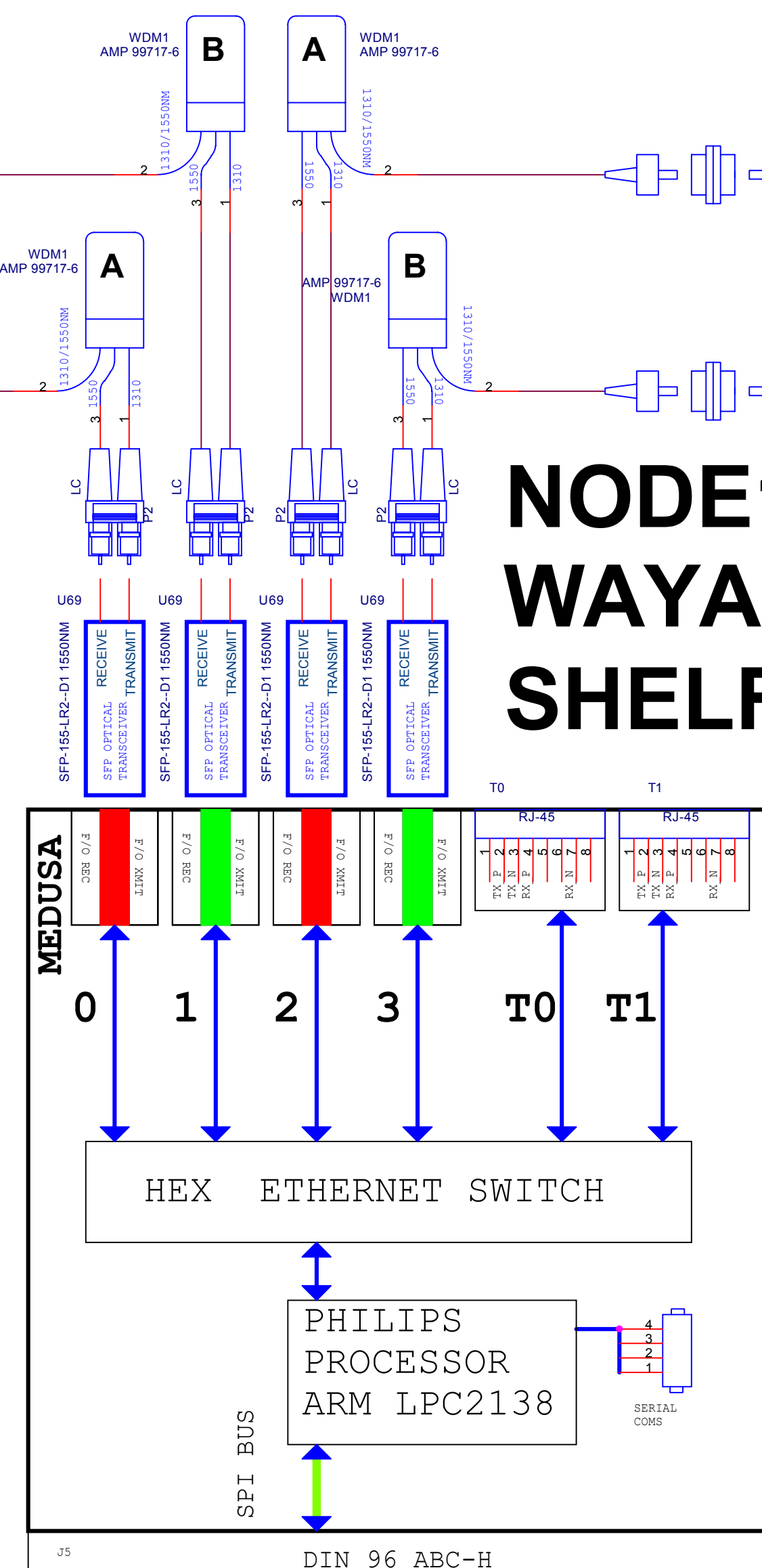
SIDEARM SER. # 4.25
SIDEARM MAC 00.0C.6A.00.04.19
SIDEARM IP 134.89.36.200
MEDUSA SER. # 2.007
MEDUSA IP 134.89.36.57
MEDUSA MAC 00.0C.6A.01.02.07
MEDUSA ISI-ID 1441
MEDUSA PORT CONFIGURATION
TRUNKING NO
PORT 0 OFF
PORT 1 ON
PORT 2 ON
PORT 3 OFF



NODE21 ISI-ID 1481 KAO SECONDARY NODE

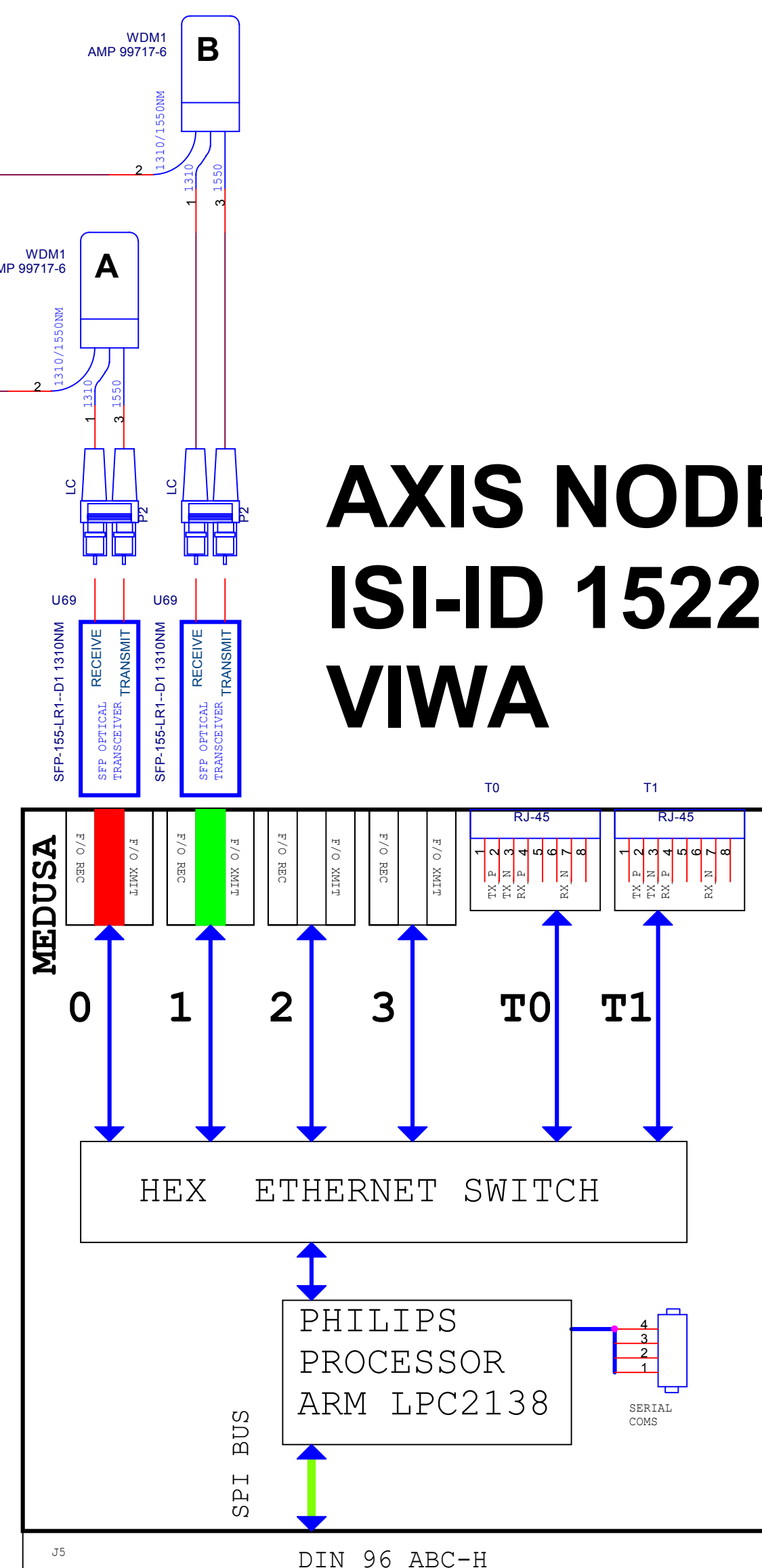
SIDEARM SER. # 4.21
SIDEARM MAC 00.0C.6A.00.04.15
SIDEARM IP 134.89.36.21
MEDUSA SER. # 2.004
MEDUSA IP 134.89.36.54
MEDUSA MAC 00.0C.6A.01.02.04
MEDUSA ISI-ID 1442
MEDUSA PORT CONFIGURATION
TRUNKING NO
PORT 0 OFF
PORT 1 OFF
PORT 2 OFF
PORT 3 OFF

NODE1 ISI-ID 1520 WAYA SHELF NODE



SIDEARM SER. # 4.01
SIDEARM MAC 00.0C.6A.00.04.01
SIDEARM IP 134.89.36.01
MEDUSA SER. # 2.005
MEDUSA IP 134.89.36.55
MEDUSA MAC 00.0C.6A.01.02.05
MEDUSA ISI-ID 1526
MEDUSA PORT CONFIGURATION
TRUNKING NO
PORT 0 ON
PORT 1 ON
PORT 2 OFF
PORT 3 ON

AXIS NODE11 ISI-ID 1522 VIWA



SIDEARM SER. # 4.11
SIDEARM MAC 00.0C.6A.00.04.0B
SIDEARM IP 134.89.36.11
MEDUSA SER. # 2.008
MEDUSA IP 134.89.36.58
MEDUSA MAC 00.0C.6A.01.02.08
MEDUSA ISI-ID 1596
MEDUSA PORT CONFIGURATION
TRUNKING NO
PORT 0 ON
PORT 1 ON
PORT 2 OFF
PORT 3 OFF

FILENAME: 10022780-XX_DeployedOpticalSystemConfig

DESIGN: MARK CHAFFEY CHMA@MBARI.ORG PHONE: 831 775-1708	MTM4 OPTICAL SYSTEMS DESIGN DEPLOYED OPTICAL SYSTEM CONFIGURATION	Rev 3.5
Scale	Scale	Sheet 1 of 1
Friday, April 13, 2007		