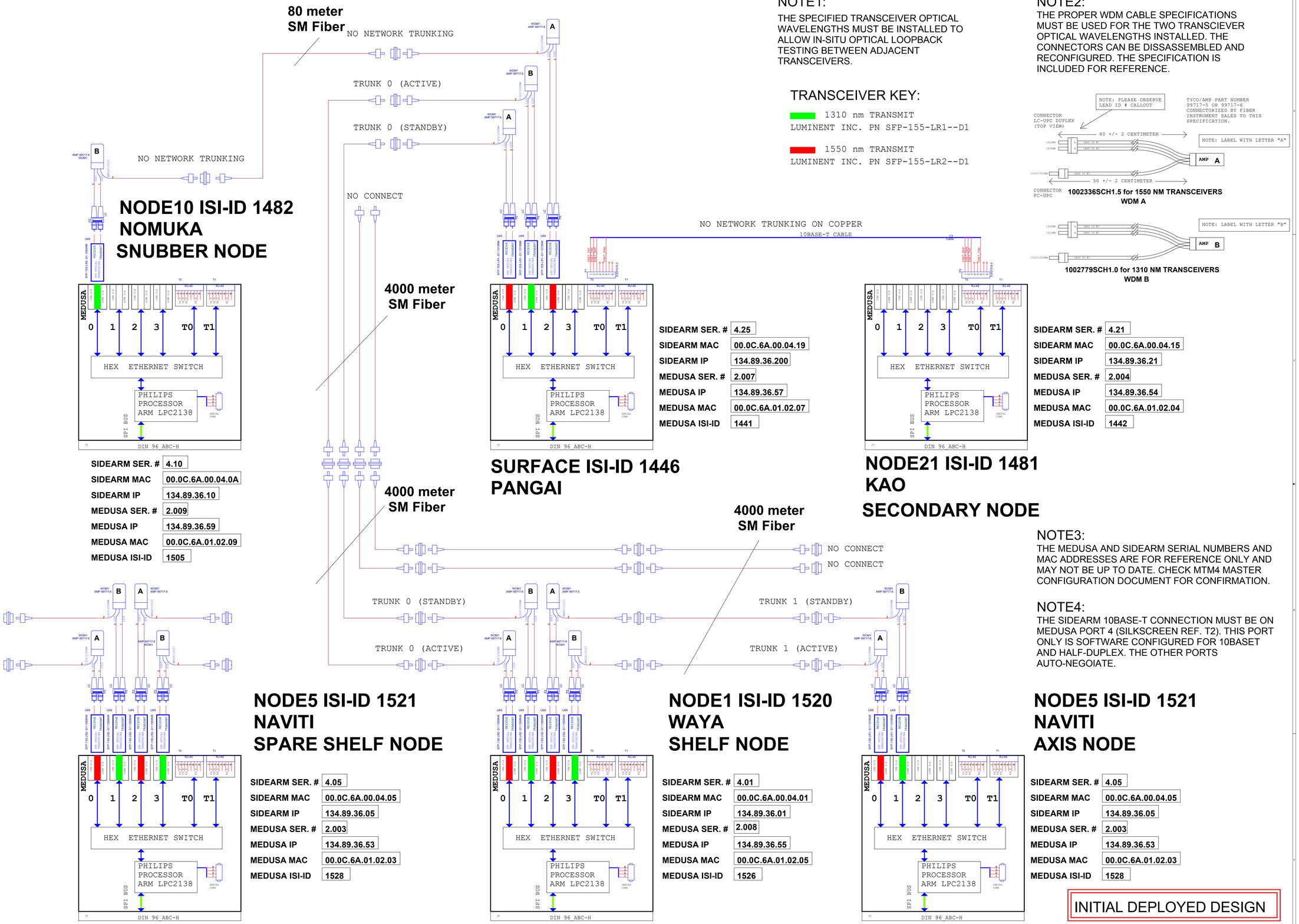

NOTE1:

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

TRANSCEIVER KEY:

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

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

NOTE2:

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.

NOTE3:

THE MEDUSA AND SIDEARM SERIAL NUMBERS AND MAC ADDRESSES ARE FOR REFERENCE ONLY AND MAY NOT BE UP TO DATE. CHECK MTM4 MASTER CONFIGURATION DOCUMENT FOR CONFIRMATION.

NOTE4:

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.

INITIAL DEPLOYED DESIGN

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

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.

FILENAME: DeployedOpticalInterconnect

DESIGN:
MARK CHAFFEY
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7700 SANDholdt ROAD
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MTM4 OPTICAL SYSTEMS DESIGN
DEPLOYED SYSTEM BLOCK DIAGRAM

Size	CAGE Code	DWG NO	Rev
E	NONE	1002780SCH2.0	2.0

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