

O-03 OBC Timing Test

ENGINEER: _____

DATE: _____

COMMENTS:

supplanted by V06_TIMEopen_time

O-03 OBC Timing Test

Prior to laying the MARS shielded cable the ability to port a timing signal with a jitter of less than 1 microsecond over the OBC must be proven.

The required equipment for this test is:

- 1) oscilloscope
- 2) square wave pulse generator (10kHz)

Possible Additional Tools:

- 1) Fusion splicer
- 2) Spare FC and SC connectors
- 3) FC and SC couplers

Issues to confirm with Alcatel

- 1) What connector types will be available at the 2 ends of each fiber in the bundle
- 2) Will the cable be pre-cut to the actual length that it will occupy in the ocean

MARS
Org: WHOI
Engr: Fritz Sonnichsen
Date: 12/01/04