



DOCUMENT CHANGE NOTICE (DCN)

Table with columns: DOCUMENT No. (DOC-REV-GP.ID), TITLE, NEW REV. Row 1: E050071, FUSED SILICA BLANK, INPUT TEST MASS, B

CHANGE DESCRIPTION (FROM /TO, CONTINUE ON PG. 2 IF NECESSARY): Change fused silica ITM absorption requirement to a requirement on OH concentration. The new requirement is to be < 250ppm OH concentration, corresponding to a maximum of roughly 3.5ppm/cm according to measurements made on LIGO 1 samples. This requirement has been negotiated with the vendor and will be tested and reported for each optic.

REASON FOR CHANGE: Vendor unable to test absorption at 1064nm

Action: [X] Incorporate change [] Attach DCN to drawing(s) [] Other action (specify):

Table with columns: DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS) all, DCN DISTRIBUTION. Rows include: [X] No hardware affected (record change only), [] List S/Ns which comply already, [] List S/Ns to be reworked or scrapped, [] List S/Ns to be built with this change, [] List S/Ns to be retested per this change.

SAFETY, COST, SCHEDULE, REQUIREMENTS IMPACT? [] NO [] YES (If yes, enter CR (CCB) or TCP (TRB) no:

Table with columns: APPROVALS, DATE, OTHER APPROVALS (specify), DATE. Rows include: ORIGINATOR: Billingsley, TASK LEADER:, GROUP LEADER:, DCC RELEASE

CHANGE DESCRIPTION CONTINUED: