

**Document Change Notice (DCN)**

DCN No. E080172-B-D

Sheet 1 of 2

DOCUMENT No.	TITLE	NEW REV
D080117	ALIGO SUS ETM QUAD Penultimate Mass	B
E080090	ALIGO SUS ETM QUAD Penultimate Mass component specification	B
D080128	ALIGO SUS ITM QUAD Penultimate Mass	B
E080112	ALIGO SUS ITM QUAD Penultimate Mass component specification	B

(HISTORICAL) Rev A: First release, created following UK Glass masses Final Design Review, see "HISTORICAL" note (*p.2 of 2), signed by R. Jones and J. Greenhalgh at the time of the review, and was recently submitted to the DCC following formal approval. Uncertainty over the requirement for a wedge angle and also wire groove detail, had delayed the submission of the document, and that uncertainty has since been clarified, leading the change to B revisions of drawings and specifications, as described by this updated DCN (R.JONES, 01/2009)

Rev B: Production drawing and specification.

Two important changes have been made to the drawing and specification following the review in May 2008 (and the previous A revisions):

- Removal of grooves for suspension wires in barrel of mass
- Alterations to the specification on the lambda/10 flat for ear bonding, base on advances to the production ear design. (K.STRAIN/R.JONES in consultation and collaboration with G.BILLINGSLEY, N.ROBERTSON, C.TORRIE and COC, 15/12/2008)

CHANGE DESCRIPTION (FROM / TO):**ETM Penultimate Mass**

D080117 - Release level change FROM A TO B

E080090 - Release level change FROM A TO B

ITM Penultimate Mass

D080128 - Release level change FROM A TO B

E080112 - Release level change FROM A TO B

REASON FOR CHANGE:

ACTION: Incorporate Change Attach DCN to Drawings Other Action (specify):

DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS) No hardware was affected (record change only): List S/Ns which comply already: List S/Ns to be reworked/scrapped: List S/N's to be built with this change: List S/Ns to be retested per this change:**DCN DISTRIBUTION**

LIGO/AdL management:
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AdL SUS group: aligo_sus@ligo.caltech.edu
QA & Safety: tyler_w@ligo.caltech.edu

SAFETY, COST, SCHEDULE, REQUIREMENTS IMPACT? NO YES (If YES, enter CR (CCB) or TCP (TRB) #)

APPROVALS:**DATE****OTHER APPROVALS (SPECIFY)****DATE****ORIGINATOR:** R. Jones**Cog Eng & group leader:** RJG**Systems Engineer:** DC**DCC RELEASE:**

