

**Document Change Notice (DCN)**

DCN No. E080172-00-D

Sheet 1 of 1

DOCUMENT No.	TITLE	NEW REV
D080117	ALIGO SUS <b>ETM</b> QUAD Penultimate Mass	A
E080090	ALIGO SUS <b>ETM</b> QUAD Penultimate Mass component specification	A
D080128	ALIGO SUS <b>ITM</b> QUAD Penultimate Mass	A
E080112	ALIGO SUS <b>ITM</b> QUAD Penultimate Mass component specification	A

Rev-00 : -

- The evolution (revision history) of the Penultimate Mass drawings and specifications are described by **LIGO-T080047-03**. Refer to the conclusion of this document for concise tabulated list of key features (p.7-8)
- NOTE: The ITM penultimate mass is physically identical to the ETM penultimate mass (*i.e.* form and specification identical). Separate drawing/specification numbers were assigned to simplify traceability, but more importantly in case any changes were required to one or other mass before final production begins.
- Drawing and specification checked at each revision stage by K. Strain / G. Billingsly / R. Jones.
- Draft drawing reviewed by I. Wilmot (RAL).
- Formal review of drawing: UK Glass masses Final Design Review (20<sup>th</sup> May 2008). Minor alterations to both drawing and specification have been incorporated. [See T080152-02-D Questions: UK Glass masses FDR]

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

D080117 - Release level change FROM 02 TO A

E080090 - Release level change FROM 02 TO A

**ITM Penultimate Mass**

D080128 - Release level change FROM 01 TO A

E080112 - Release level change FROM 01 TO A

**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:****[excomm@ligo.caltech.edu](mailto:excomm@ligo.caltech.edu)****AdL COC group:****[aligo\\_coc@ligo.caltech.edu](mailto:aligo_coc@ligo.caltech.edu)****AdL SUS group: [aligo\\_sus@ligo.caltech.edu](mailto:aligo_sus@ligo.caltech.edu)****QA & Safety: [tyler\\_w@ligo.caltech.edu](mailto: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:**