



# Document Change Notice (DCN)

DCN No. E060234-00-K

Sheet 1 of 1

DOCUMENT No.	TITLE	NEW REV
D060189	N-Ptype Electrostatic Drive Evaporation Mask	A

## CHANGE DESCRIPTION (FROM / TO):

### Release level change FROM 03 TO A

Note:

- 1) Drawing created in consultation with Ken Strain, based on recommendations and findings detailed in T060015-00-K Electrostatic drive (ESD) results from GEO and application in Advanced LIGO (K. Strain)
- 2) Manufacturing specifications copied from the successfully manufactured (and used) D040146-A C-Ptype Evaporation Mask. (Surface finish on the 1mm thick stainless steel mask: - 0.4microns; confirmed by H. Armandula to R. Jones in email 29/09/06)
- 3) Design and drawing detail previously checked by K. Strain and C. Cantley in meeting on 12/06/2006 (Weak electrode confirmed as having a length approximately one tenth of the strong electrode. Such information was relayed to J. Greenhalgh (06/07/06) by R. Jones following a request for numbers for the PDR#3 response documentation)

## REASON FOR CHANGE: Initial release

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

DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS)	DCN DISTRIBUTION
<input checked="" type="checkbox"/> No hardware was affected (record change only):	LIGO/AdL management: <a href="mailto:excomm@ligo.caltech.edu">excomm@ligo.caltech.edu</a> AdL COC group: <a href="mailto:aligo_coc@ligo.caltech.edu">aligo_coc@ligo.caltech.edu</a> AdL SUS group: <a href="mailto:aligo_sus@ligo.caltech.edu">aligo_sus@ligo.caltech.edu</a> QA & Safety: <a href="mailto:tyler_w@ligo.caltech.edu">tyler_w@ligo.caltech.edu</a>
<input type="checkbox"/> List S/Ns which comply already:	
<input type="checkbox"/> List S/Ns to be reworked/scrapped:	
<input type="checkbox"/> List S/N's to be built with this change:	
<input type="checkbox"/> List S/Ns to be retested per this change:	
<input type="checkbox"/>	

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

APPROVALS:	DATE	OTHER APPROVALS (SPECIFY)	DATE
ORIGINATOR: R. Jones	03/10/06		
TASK LEADER: RJG			
SUS LEADER & SE: DC			
DCC RELEASE:			