



California Institute of Technology
Massachusetts Institute of Technology

Document Change Notice (DCN)

DCN No. E080370-00-K

Sheet 1 of 3

DOCUMENT No.	TITLE	NEW REV
D060337	PEN MASS WIRE CLAMP	F
D060338	PEN MASS WIRE CLAMP PLATE	F
D060340	PEN MASS WIRE CLAMP JAW #2	F
D060341	PEN REACTION MASS	E
D060342	CENTRAL MASS	F
D060343	FRONT PLATE	F
D060344	BACK PLATE	G
D060345	ETM OSEM CAN	F
D060349	LIGO 1 OSEM MOUNT	F
D060352	PITCH ADJUSTER	F
D060353	PITCH MASS	F
D060355	DUMMY TEST MASS	F
D060356	DUMMY TEST REACTION MASS	F
D060357	HALF REACTION MASS	F
D060358	HALF TEST MASS	F

CHANGE DESCRIPTION (FROM / TO):

D060337 changing of the materials parts list to remove 303 from and changing of the fastener material to 316. The removal of part D060339 and the adding of one additional D060340. Changing of the drawing view and balloon numbering associated.

REASON FOR CHANGE: Releasing for manufacture

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):	Barish	Coyne	Fritschel
<input type="checkbox"/> List S/Ns which comply already:	Giaime	Lazzarini	Lindquist
<input type="checkbox"/> List S/Ns to be reworked/scrapped:	Raab	Shoemaker	Sibley
<input type="checkbox"/> List S/N's to be built with this change:	Sigg	Tyler	Weiss
<input type="checkbox"/> List S/Ns to be retested per this change:	Whitcomb	Worden	
<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: Amanda J. Brummitt	15/07/08		
Cog Eng & group leader: Justin Greenhalgh			
Systems Engineer: Dennis Coyne			

DCC RELEASE:



Document Change Notice (DCN)

DOCUMENT No.	TITLE	NEW REV
D060338	changed to increase the d distance. Removal of 303 from the materials allowed in the title block.	
D060340	removal of 303 from the materials allowed in the title block.	
D060341	changing of the materials parts list to remove 303 from and changing of the fastener material to 316. The addition of D080240 in the parts list and the changes pictorially for this.	
D060342	removal of 303 from the materials allowed in the title block.	
D060343	removal of 303 from the materials allowed in the title block.	
D060344	removal of 303 from the materials allowed in the title block.	
D060349	changing of the fastener material from 300 series to 316	
D060352	changing of the materials parts list to remove 303 from.	
D060353	removal of 303 from the materials allowed in the title block.	
D060355	changing of the materials parts list to remove or similar from part D060358. The information for the masses was changed from the note: MASS AS SHOWN: 40.38 KG (INCLUDES 16 X 50g REMOVABLE MASSES) PRINCIPAL MOMENTS OF INERTIA: Iyy: 409799.196 kg/mm ² Ixx: 410038.521 kg/mm ² Izz: 620120.753 kg/mm ²	
D060356	changing of the materials parts list to change st steel 316 to al alloy 5083 for part D060357. The information for the masses was changed from the note: MASS AS SHOWN: 39.91 KG (INCLUDES 16 X 50g REMOVABLE MASSES) PRINCIPAL MOMENTS OF INERTIA: Iyy: 404938.965 kg/mm ² Ixx: 405178.343 kg/mm ² Izz: 615613.652 kg/mm ²	
D060357	changing of the materials parts list to change st steel 316 to al alloy 5083 for part D060357. The information for the masses was changed from the note: MASS AS SHOWN: 37.48 KG (INCLUDES 16 X 50g REMOVABLE MASSES) PRINCIPAL MOMENTS OF INERTIA: Iyy: 412529.792 kg/mm ² Ixx: 437059.429 kg/mm ²	



California Institute of Technology
Massachusetts Institute of Technology

Document Change Notice (DCN)

DCN No. E080370-00-K

Sheet 3 of 3

DOCUMENT No.

TITLE

NEW REV

Izz: 771319.472 kg/mm²

To note:

MASS AS SHOWN: 26.32 KG
(INCLUDES 16 X 50g REMOVABLE MASSES)

PRINCIPAL MOMENTS OF INERTIA:

Iyy: 234434.866 kg/mm²

Ixx: 239208.485 kg/mm²

Izz: 414090.83 kg/mm²

D060357 change in material from st steel 316 to al alloy 5083. Change in the distance between the back and the bottom of the recess from 10+/-0.1 to 38+/-0.1. Change in the diameter of the recess from 283.25+/-0.25 to 237.5+/-0.25. Change in the diameter that the outer circle of holes is at from 250 to 200.

D060358 changing of the materials parts list to remove or similar. Change in the recess depths from 28 and 33 to 29.5 and 34.5.