



DOCUMENT CHANGE NOTICE (DCN)

DOCUMENT No. (DOC-REV-GP. ID)	TITLE	NEW REV.
D980183-A-D	LOS Clamp, Short	B
D980184-A-D	LOS Clamp, Long	B

CHANGE DESCRIPTION (FROM/TO): Change material designation from 304 SST to 303 or 304 SST.

Add notes to the drawing.

1. Break all sharp edges.
2. Specifications covering the fabrication of this clamp are in the Large Optic Suspension (LOS) Fixtures and Components Fabrication Specification, LIGO-E970155.

REASON FOR CHANGE: Material change to save money on machining. Invoke Fab Spec to address special machining and handling instructions of in-vacuum components.

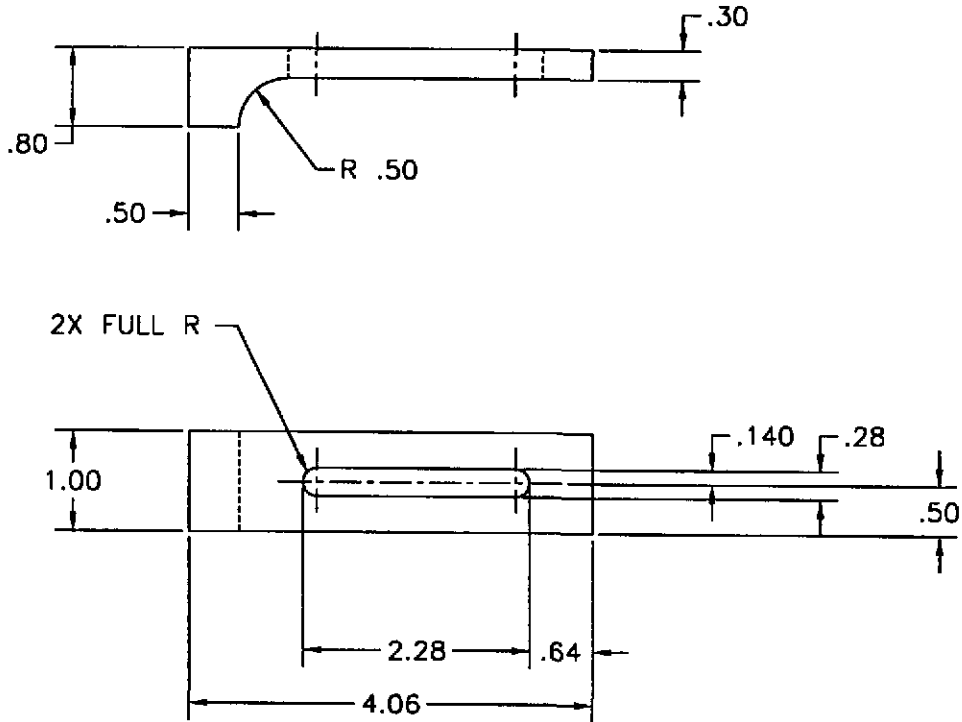
ACTION: Incorporate change Attach DCN to drawing(s) Other action (specify):

DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS)	DCN DISTRIBUTION (X=incl. docs)																														
<input checked="" type="checkbox"/> No hardware affected (record change only)	<table border="0"> <tr> <td>Althouse</td> <td>Barish</td> <td>Coles</td> </tr> <tr> <td>X Coyne</td> <td>Lazzarini</td> <td>Lindquist</td> </tr> <tr> <td>Raab</td> <td>Sanders</td> <td>Shoemaker</td> </tr> <tr> <td>Stapfer</td> <td>Tyler</td> <td>Weiss</td> </tr> <tr> <td>Whitcomb</td> <td>Zydowicz</td> <td></td> </tr> <tr> <td>Bork</td> <td>Zucker</td> <td></td> </tr> <tr> <td>Barton</td> <td>Mason</td> <td></td> </tr> <tr> <td>Camp</td> <td>Jones</td> <td></td> </tr> <tr> <td>X Fine</td> <td></td> <td></td> </tr> <tr> <td>X Hazel Romie</td> <td></td> <td></td> </tr> </table>	Althouse	Barish	Coles	X Coyne	Lazzarini	Lindquist	Raab	Sanders	Shoemaker	Stapfer	Tyler	Weiss	Whitcomb	Zydowicz		Bork	Zucker		Barton	Mason		Camp	Jones		X Fine			X Hazel Romie		
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Barton		Mason																													
Camp	Jones																														
X Fine																															
X Hazel Romie																															
<input type="checkbox"/> List S/Ns which comply already:																															
<input type="checkbox"/> List S/Ns to be reworked or scrapped:																															
<input type="checkbox"/> List S/Ns to be built with this change:																															
<input type="checkbox"/> List S/Ns to be retested per this change:																															
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SAFETY, COST, SCHEDULE, REQUIREMENTS IMPACT? No Yes (If yes, enter Change Request number)

APPROVALS:	DATE	OTHER APPROVALS (specify)	DATE
ORIGINATOR: J. Hazel Romie	8-11-98		
TASK LEADER: <i>[Signature]</i>	8/11/98		
GROUP LEADER: <i>[Signature]</i>	8/11/98		
DCC RELEASE: <i>[Signature]</i>	8/11/98		

NOTES: UNLESS OTHERWISE SPECIFIED
 1. BREAK ALL SHARP EDGES
 2. SPECIFICATIONS COVERING THE FABRICATION OF THIS CLAMP ARE IN THE LARGE OPTIC SUSPENSION (LOS) FIXTURES AND COMPONENTS FABRICATION SPECIFICATION, LIGO-E970155.

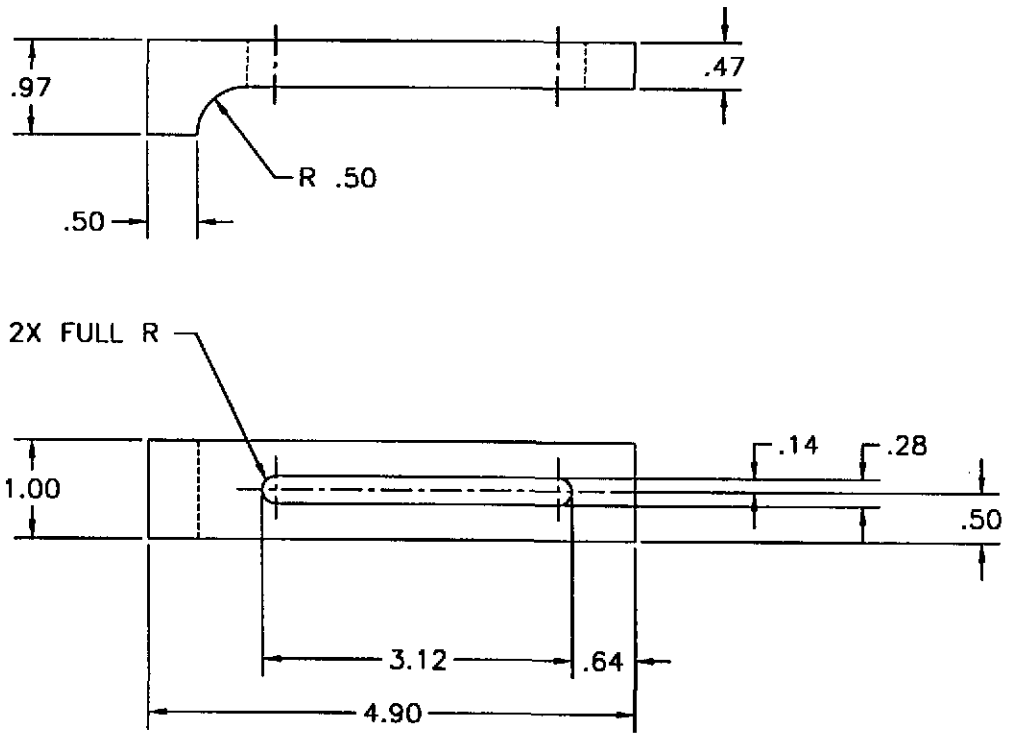


REF ID		PART or DRWG No.		CDS		MATERIAL	
				PARTS and MATERIAL LIST		LIGO	
						CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
						LOS CLAMP, SHORT	
						SCALE 1:1	
						SHEET 1 OF 1	

UNLESS OTHERWISE SPECIFIED			
TOLERANCES:	DIMENSIONS ARE IN INCH		
FUNCTIONAL:	FINISHED SURFACE DIM		
ASSEMBLY:	BREAK CORNERS .010		
	TWO PLACE DECIMAL & .015		
	THREE PLACE DECIMAL & .005		
MATERIAL:	HEAT TREAT:	FINISH:	
303 OR 304 SS			
USED ON:	NEXT ASSY:		

REV	DESCRIPTION	ISSUE DESCRIPTION	DATE
B	ADD NOTES	EY00019	8-11-98
A	INITIAL RELEASE	EY00004	4-22-98
RE	PRE-RELEASE	-	01/09/98
REV	DESCRIPTION	ISSUE DESCRIPTION	DATE

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REF QTY		PART or DRWG No.		CDS		MATERIAL	
				PARTS and MATERIAL		LIST	
						CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
						LOS CLAMP, LONG	
				ADD NOTES		E980155	
				INITIAL RELEASE		E980084	
				PRE-RELEASE			
				DESCRIPTION		ISSUE DESCRIPTION	
				MATERIAL		303 OR 304 SST	
				NEAT TREAT		FINISH	
				USED ON		NEXT ASSY	
				CHECK		DATE	
				SCALE 1:1		SHEET 1 OF 1	