



**California Institute of Technology**  
**Massachusetts Institute of Technology**  
**Document Change Notice (DCN)**

DCN No. E080157-00-D

Sheet 1 of 1

DOCUMENT No.	TITLE	NEW REV
D060296-A-D	STRUCTURE WELDMENT, OMC	B

**CHANGE DESCRIPTION (FROM / TO):**

Collection of changes representing lessons learned from LLO OMC structure. These changes are incorporated into the LHO OMC Structure.

Changes include:

1. Redesign of top and bottom of structure to remove mass and reduce the amount of heat absorption during welding.
2. Redesign of gussets to remove some of the unnecessary welding while maintaining structural integrity.
3. Removal of some unnecessary holes and better spacing of holes used to mount corner braces.

**REASON FOR CHANGE: AS BUILT CONFIGURATION RELEASE FOR LHO OMC**

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

<b>DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS)</b>	<b>DCN DISTRIBUTION</b>																					
<input type="checkbox"/> No hardware was affected (record change only):	<table border="0"> <tr> <td><del>Barish</del></td> <td><del>Coyne</del></td> <td><del>Fritschel</del></td> </tr> <tr> <td><del>Giaime</del></td> <td><del>Lazzarini</del></td> <td><del>Lindquist</del></td> </tr> <tr> <td><del>Raab</del></td> <td><del>Shoemaker</del></td> <td><del>Sibley</del></td> </tr> <tr> <td><del>Sigg</del></td> <td><del>Tyler</del></td> <td><del>Weiss</del></td> </tr> <tr> <td><del>Whitecomb</del></td> <td><del>Worden</del></td> <td><del>Cantley</del></td> </tr> <tr> <td><del>Hough</del></td> <td><del>Strain</del></td> <td></td> </tr> <tr> <td><del>Greenhalgh</del></td> <td><del>N. Robertson</del></td> <td></td> </tr> </table>	<del>Barish</del>	<del>Coyne</del>	<del>Fritschel</del>	<del>Giaime</del>	<del>Lazzarini</del>	<del>Lindquist</del>	<del>Raab</del>	<del>Shoemaker</del>	<del>Sibley</del>	<del>Sigg</del>	<del>Tyler</del>	<del>Weiss</del>	<del>Whitecomb</del>	<del>Worden</del>	<del>Cantley</del>	<del>Hough</del>	<del>Strain</del>		<del>Greenhalgh</del>	<del>N. Robertson</del>	
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<input type="checkbox"/> List S/Ns which comply already:																						
<input type="checkbox"/> List S/Ns to be reworked/scrapped:																						
<input checked="" type="checkbox"/> List S/N's to be built with this change: 002																						
<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: M. MEYER	10 APRIL 2008	<del>COG SCI: NAR</del>	
COG ENG:		<del>COG ENG (US): CH</del>	
SUS LEADER & S.E.: D. COYNE		<del>PROJECT MANAGER (UK SUS): CAC, JG</del>	
PROJECT MANAGER (US): J. ROMIE		<del>COG SCI (US): MB</del>	
DCC RELEASE:			