



# REQUEST FOR WAIVER OR DEVIATION

SCAN AND EMAIL COMPLETED FORM TO QUALITY@LIGO.CALTECH.EDU  
NOTE: DO NOT SUBMIT DISCREPANT MATERIAL UNTIL AUTHORIZED BY LIGO

<b>PART NO.</b> <a href="#">D0900461</a>	<b>REV.</b> v5	<b>PART NAME</b> L1 SR3 Suspension	<b>P.O. NO.</b> NA	<b>P.O. QTY:</b> NA <b>DISCREPANT QTY:</b> 1 (the L1 instance)
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<b>SUPPLIER:</b> NA, internal assembly process <b>CONTACT:</b> Janeen Romie	<b>TEL #:</b> 225.686.3109 <b>EMAIL:</b> janeen@ligo-la.caltech.edu	<b>DATE:</b> 1/14/2013
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**DESCRIPTION OF REQUEST** (PLEASE GIVE COMPLETE TECHNICAL DESCRIPTION OF DEVIATION, REFERENCING DRAWING ZONE AS APPROPRIATE)  
The magnet/dumbbell assembly on the lower right of the penultimate mass of SR3 has fallen off. We would like to re-glue it in-situ. However, due to the assembled state of the suspension, a heat lamp is not a good idea, due to the various materials nearby. We would like a waiver for this tiny bond, .0044 in ^2. Thoughts?

<b>ROOT CAUSE</b> Schedule pressure; delays close-up of the LHAM5 vacuum chamber. Would require extensive disassembly.	<b>CORRECTIVE ACTION</b> No elevated temperature bake. Note that the UHV qualification of the adhesive used (EP30) was done for room temperature (non-elevated) cure.
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<b>SIGNATURE</b> Janeen Romie (1/14/2013 email)	<b>TITLE</b> Suspensions Lead Engineer	<b>IMPLEMENTATION DATE:</b> ASAP
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<b>ACTION TAKEN / DISPOSITION INSTRUCTION (FOR LIGO USE ONLY)</b> Approved by Dennis Coyne (Systems Engineer) on 1/14/2013	<b>DATE RECEIVED</b> 1/14/2013	
	<b>PROGRAM</b> aLIGO Project	
	<b>QUALITY ASSURANCE</b> NA	<b>DATE</b>
	<b>DESIGN ENGINEER</b> NA	<b>DATE</b>
	<b>OTHER</b>	<b>DATE</b>