

**Subject:** Re: Request for waiver on Alum parts for 3rd IFO  
**From:** John Worden <worden\_j@ligo-wa.caltech.edu>  
**Date:** 1/16/2015 11:00 AM  
**To:** Calum Torrie <ctorrie@ligo.caltech.edu>, Dennis Coyne <coyne@ligo.caltech.edu>  
**CC:** Joe DeRenzis <derenzis\_j@ligo-wa.caltech.edu>, Jodi Fauver <fauver\_j@ligo-wa.caltech.edu>

Sounds good - thanks Calum.

john

On 1/16/15 9:04 AM, Calum Torrie wrote:

Dear Dennis and John

Here are the details for a request for waiver for class A parts that came my way this morning. (John LHO mentioned you were out today so I passed this by Dennis to get a verbal waiver.) As mentioned we gave Jodi a verbal waiver to proceed. I include full details below for paper trail.

#### REQUEST FOR WAIVER

The following parts are used in the SLC Elliptical Baffle assembly, [LIGO-D1101885-v4](#). The reason we are asking for a waiver is that these parts are needed to complete the SLC baffle assemblies, which get stored in the same HAM-ISI 3rd IFO containers as the SUS suspensions. The reason this matters is that both the HAM-ISI 3rd IFO container and the SUS suspensions, which as mentioned share a container with these parts, are all staged and ready for install. The install team requested this waiver so we don't end up in a situation where these SUS suspensions are left out and exposed while we wait for these parts. For history, the original parts were misplaced and were then subsequently late from the machine shop.

## PARTS IN QUESTION

D1002560 Damping Tube Top Plate. Missing 1. [LIGO-D1002560-v2](#)

D1001120 Earthquake stop ring. Missing 2. [LIGO-D1001120-v2](#)

D1201199 Anti-Rotation Clamp. Missing 2. [LIGO-D1201199-v2](#)

## MATERIAL

All Metal and all aluminum. 2 parts have clearance holes and only 1 part has tapped holes. No parts have blind holes.

## BAKE TEMP

120 Deg C (All parts Alum)

## CLEAN

Holes flushed prior to cleaning in ultrasonic.

## BAKE TIME

These were added to the air bake oven at 4pm PT on Thursday 15th. So they were at 17 hours bake time when the verbal waiver was granted.

Hope this is all in order.

Cheers, Calum

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