

From turner Mon Dec 18 14:00:46 1995  
From: turner (Linda Turner)  
To: mike@tristan.mit.edu  
Cc: turner  
Subject: Re: conversation with Kleinschmidt of Cambridge Acoustical Associates  
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> From mike@tristan.mit.edu Fri Dec 15 10:06:22 1995  
> Date: Fri, 15 Dec 95 13:05:43 EST  
> From: Mike Zucker <mike@tristan.mit.edu>  
> To: worden@ligo.caltech.edu  
> Subject: conversation with Kleinschmidt of Cambridge Acoustical Associates  
> Cc: lazz@ligo.caltech.edu, coyne@ligo.caltech.edu, rick@ligo.caltech.edu,  
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> turner@ligo.caltech.edu, sanders@ligo.caltech.edu  
> Content-Length: 2204  
>  
> [Linda: can you pls. print this out and assign a number?  
> category = Technical Note, group = Vacuum Equipment. Thanks!]  
>  
> John--  
>  
> This morning I returned a call from Klaus Kleinschmidt at CAA, PSI's  
> acoustics and vibration sub. He was following up on my suggestion to  
> link up more or less directly with us so we could share information  
> derived from Accentech and RMP and not have them reinvent the wheel. We  
> have to be careful not to relieve CAA and their customer, PSI, of  
> responsibility for their independent analyses, but I feel it's to our  
> advantage to kick them off as high up the learning curve as possible.  
>  
> Other than some specific architectural questions (below), Kleinschmidt  
> agreed it would be good to meet with some of us at or around the next monthly  
> meeting or perhaps the one following. He agreed to check  
> with Dave Moore at PSI, and I agreed to check with you and LIGO's  
> civil and systems people, whether we could add a general  
> vibration/acoustics discussion to the agenda. Clearly PSI  
> would have to be present and agree to do it. For CAA it would be  
> more or less a kickoff; since the pump order was only just settled, the  
> only work CAA has done so far is on the turbo coupling bellows and  
> trying to interpret the 100% concept drawings.  
>  
> It would be best if someone familiar with the RMP and Accentech  
> vibration work and the structural details of the RMP design  
> could attend this meeting, although I know the next monthly gives  
> short notice (has Bagley agreed on a date yet?).  
>  
> Other than an overview of the analyses we and our subcontractors have  
> done so far, Kleinschmidt mentioned interest in hearing about the  
> following specific architectural features:  
>  
> slab construction details in the mechanical equipment room (thickness?)  
>  
> wall and column footing details  
>  
> wall joints between adjacent sections (flanking acoustical paths)  
>

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> duct runs and joints between sections (flanking acoustical paths)  
>  
> soil data (to estimate impedance/admittance etc.  
>  
> Let me know if you agree and we can try to work it in.  
>  
> Thanks,  
>  
> mike  
>  
>  
> P.S. I asked Klaus to please document the call with a memo to PSI with  
> cc: to you and me, by way of Linda. Might as well start out on the  
> right foot.  
>