

Peter Fritschel <pf@ligo.mit.edu>

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To: Brian Lantz <blantz@stanford.edu>

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Re: update for the HAM-ISI performance target at 10 Hz

Brian,
looks good to me; as you say, it gives a good target. thanks for putting it together,

Peter

On May 3, 2010, at 4:48 PM, Brian Lantz wrote:

Yo,
I'm suggesting formalized target for the HAM-ISI platforms in HAM 4, 5, 10, and 11 so that the seismic contribution to DARM via the signal recycling cavity length with match the quantum noise. Not certain sure we can get here, but it gives us a good target. I've posted a document at [T1000216-v1](#) which I hope you can take a look at.
-Brian

PS - This leaves open the more difficult question of targets below 0.1 Hz, but since this problem is better defined, I thought it should get addressed.

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