

LO meeting

1. Discussion of D'Addario's memo of 8-14-00.
 Modification of original scheme. CDL proposes a driver for every cartridge instead of original, shared S. Exactly how best to do this is under discussion. Allows frequency range of drivers to be reduced in some cases. Draft PB being modified to accommodate baseline & revised plan.
 See ALMA Memo #311. Recent phase drift measurements suggest we may not need to close the loop at the highest warm frequency.

2. Test Interferometer LO plan.

Laser LO reference: excessive phase noise due primarily to photodiode - need to increase bandwidth of laser PLL from a few hundred kHz to about 1 MHz; can't be done with the commercial laser's driver. Don't know for sure that the diode laser itself is not the limitation.
 Review status of other pieces more thoroughly Sep 27.

3. Documentation.

At AOC, putting docs on a common server, numbered according to new numbering system. Can we get this everywhere? D'Addario thinks working documents should be kept where those who need to see them can read them.

Think & discuss.