Newtonian Seismic Array at LHO

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Array Layout

30 L4C geophones in LHO corner station
Install before O2, decommission after O2

Seismic (SEI) STS2
1 under each ITM

Hanford corner station

~15m by ~20m
Electronics & Cables

- Converter Board (2 9-pin to 1 25-pin)
- L4C Readout
  - 3x D1002739
  - 1x D1002688
- Concentrator for AA
- AA Chassis
- I/O Chassis
- ADC card

- Fabricate
- Borrow
- Design & Fabricate
Concentrator chassis fabricated. Tested by D. McManus of ANU

L4C readout chassis should arrive at LHO this week; testing soon

Long cables in place

L4Cs being pulled from storage this week by D. McManus
Next Up

Huddle test sensors, to match gains

Compare concrete versus linoleum-covered concrete

Place sensors and start looking at data