

Alignment mtg.

Friday, January 10, 2014
10:57 AM

* optical:

- a) theodolite
- b) laser on 2nd arm / kinematic mounts.
- c) laser in beam dump.

* cross hairs for aligning laser cross hairs on each component. mirror & screen near laser for angle.

* Josh - design:

- mounts for scanners
- support for detector & crosshairs.
- support, x-y & gimbals for alignment laser
- V-block along beam centerline
length of RFSR - WC.
mount hardware for fluxgate?
- mounts for fixed fluxgates
- mount aperture on back window of RFSF.
- alignment of SF - mirror w/ crosshairs.
2 V-blocks each w/ up/down left/right
- alignment of WC - mirror w/ crosshairs.
- need a level for transverse mode.
- 3+3x1 kinematic mount - see p27 TRR talk
- frame to NPD detector / lead wall stand
- is the extruded Al strong enough?
- vibration isolation?

* Seppo: floor bows - limits accuracy.

Send Chris papers.

* Analysis tasks SOS,

- alignment of the beam.
- analysis of transverse asymmetry.