

(Historical) Reviews

- Original plan (G1400193-v1)
 - * IA was thought to be a part of full lock

sequence

IR WFSs turned out to be useful (G1400193-v2) This let us stop using dither loops.

ALS cameras installed on ISCT1

Green WFS becoming usable

Current status at LHO

Not fully automated yet

- * Each piece is being automated with Guardian
- Arm cavities are far from automation

Green WFS becoming usable

Current alignment sequence





Current scheme for X arm

ITMX GigE for fixing TMSX angle
 Manually steer ITMX and ETMX to achieve high

green build-up

Current scheme for Y arm

ETMY baffle for fixing BS angle
Steer ITMY and ETMY for high red build-up
Steer TMSY and PZTs for high green build-up

Current (non-critial) issues

- IR WFSs do not optimize PRC ?
- * After initial alignment, it is close enough to lock DRMI, but PRM seems to be always misaligned by a few urads. Clipping somewhere, dark offset ?

