

- Current status as of 1/22: IR and Green reached X end PD.
- ~~1/22: Surface inspection for PR mirrors.~~
- ~~1/23: Surface inspection for SR mirrors.~~
- ~~1/24-25: Cleaning HR of SR3, SRM.~~
- ~~1/23: BS is aligned to Y-end PD by IR.~~
- ~~1/27: ITMY is aligned to REFL by IR.~~
- ~~1/27: ITMX is aligned to REFL by IR.~~
- ~~1/27: Beam position of IR at SR3 is confirmed how far from the center.~~
- ~~1/28-29: SR3 is aligned to SR2 center by IR.~~
- ~~1/28: Alignment of SR2 -> SRM by IR.~~
- ~~1/29: Green beam is injected from SR2 AR surface to Y end PD.~~
- ~~1/31: Removing bellows at PR and SR area.~~
- ~~1/31-2/1: Cleaning HR of PR3 and HR, AR of SR2~~
- 2/4-8: SRM -> OMMT by IR -> OMMT -> OSTM by IR, OSTM -> OMC by IR
- 2/4-8: Alignment of ETMY -> POS by Green
- 2/12-15: Closing door for central area, pumping down
  - needs drift monitor for VIS

- Yokozawa-kun started joining in commissioning a working leader.
- AOS: WAB installation at ETMX
- CAL: noise hunting were going pretty well, 80dB, and 120dB!
- DGS: no CPU glitch at k1i000 by replacing PC to faster one.
- IOO: Some high power test  $\sim 10\text{W}$  in the last week end.
- IOO: MZ team is taking data before breaking MZ.

- Dirty mirrors: PR3, SR3 and SR2 were cleaned.
  - for test masses, we needs more discussions.
- VIS control loops, specially for Type A and Type B
  - DC alignments by Type B were remarkably smooth.
  - needs RT models separation for Type B to avoid kicking by glitch.
- SRM rotation?
  - To be fixed in several days.
- Degradation of Oplev light source
- Otherwise, almost things are going pretty well.