

MIF Meeting 2013/7/22

Task List

- LSC ASC Overall Design (Aso, Michimura, (Nakano ?))
- Frequency Stabilization Servo (Tatsumi)
- Green Lock System (Tatsumi, Ueda)
- RTS code implementation (Miyakawa)
- Commissioning Planning (Aso)
- Electronics Circuit Design (Aso)
- Vacuum Enclosure & Wiring for In-Vac PDs (Akutsu, Yamamoto)
- PD Protection Shutter (Somiya, Akutsu)
- Beam handling during All-In-Vac operation (Akutsu)
- Output Mode Cleaner (Somiya, Michimura, Arai)

Requirements for Input/Output optics vibration

Target optics

- Steering mirrors before MC
- Steering mirrors at the detection ports

Noise Coupling Mechanisms

Beam Jitter

- HOM Couplings (JGW-G1301747)
- Phase noise
- PD inhomogeneity

Scattered Light Noise

- Small amplitude vibration
- Large amplitude resonance (JGW-G1301748)



