



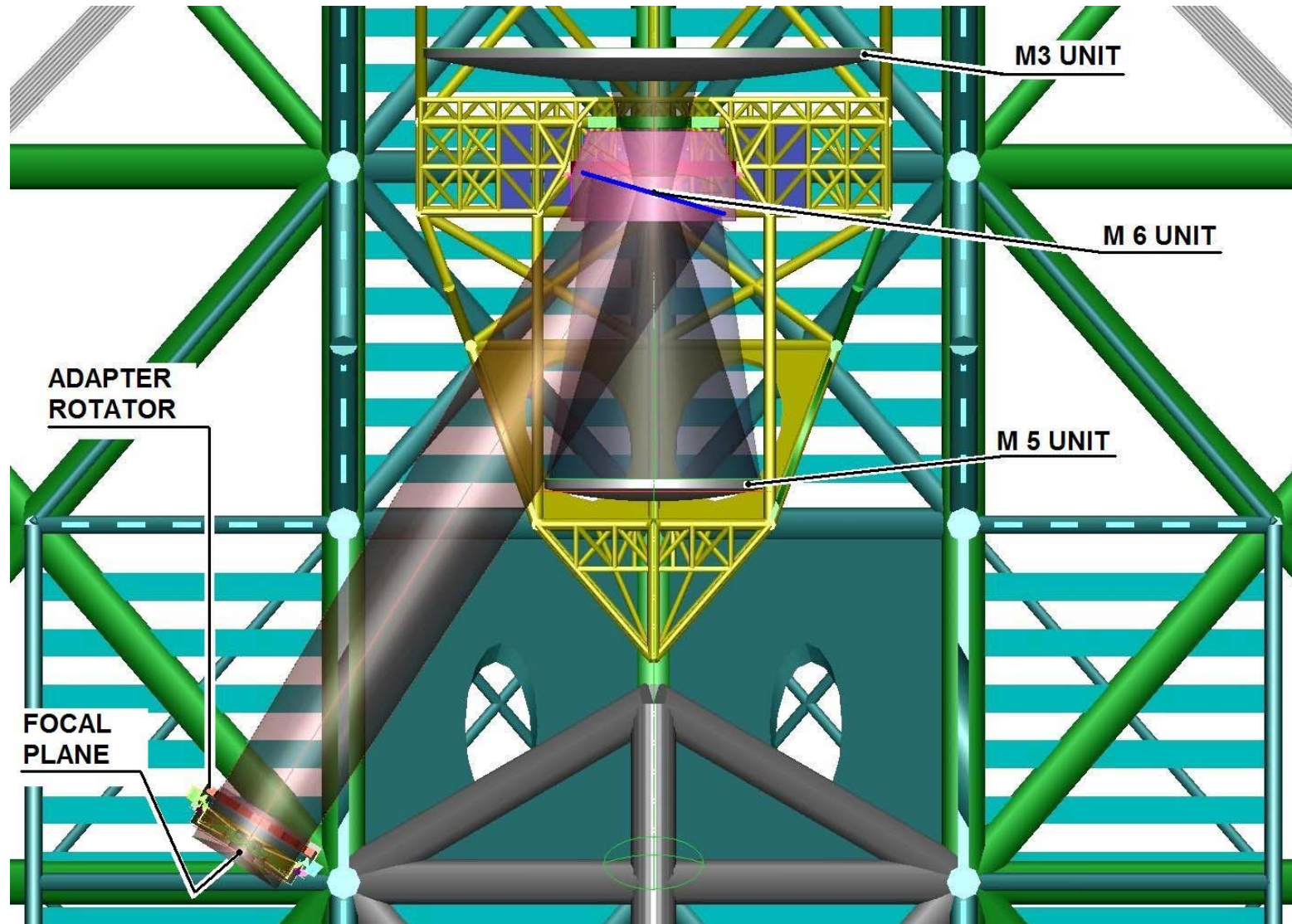
OWL Phase A Review - Garching - 2nd to 4th Nov 2005

Adapter - Rotator

(Presented by L. Noethe)

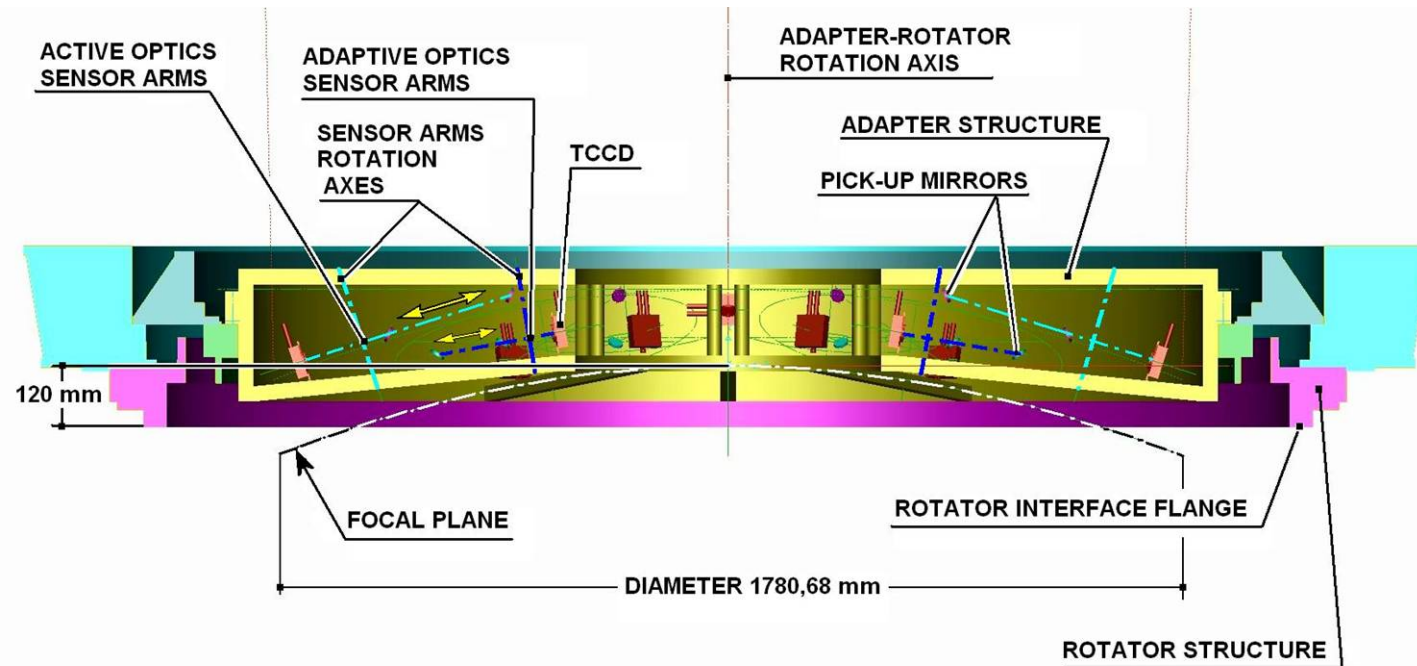


Location in the telescope



Wavefront sensing requirements

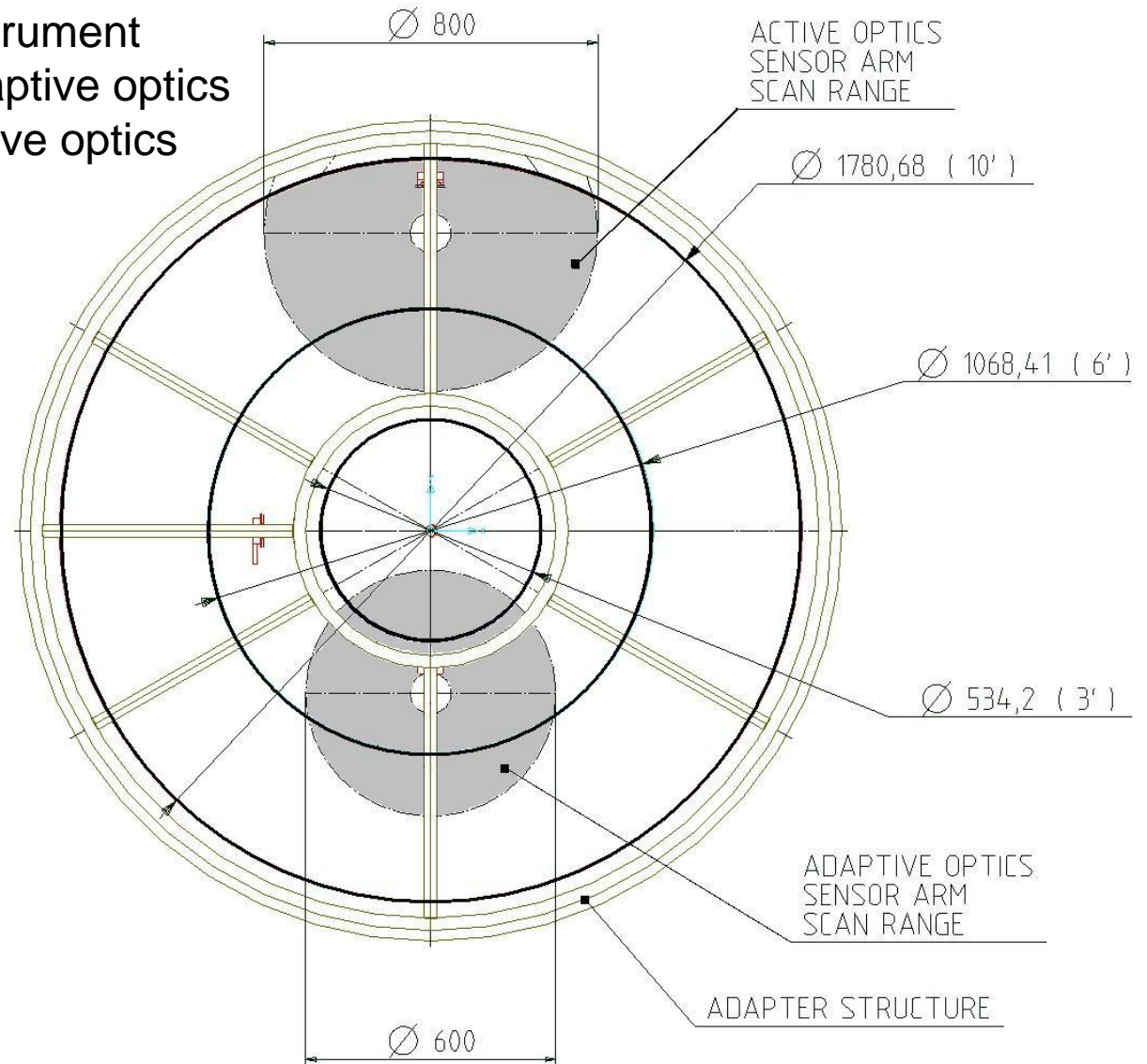
- Required wavefront sensors:
 - Guiding sensor
 - At most six low-order Shack-Hartmann sensors
 - One Shack-Hartmann sensors with 19 lenslets per segment subaperture
 - Phasing wavefront sensor
 - Six adaptive optics sensors
- All sensors can only access a restricted field
- Focal stations may be equipped with different sets of sensors (e.g. technical focus)



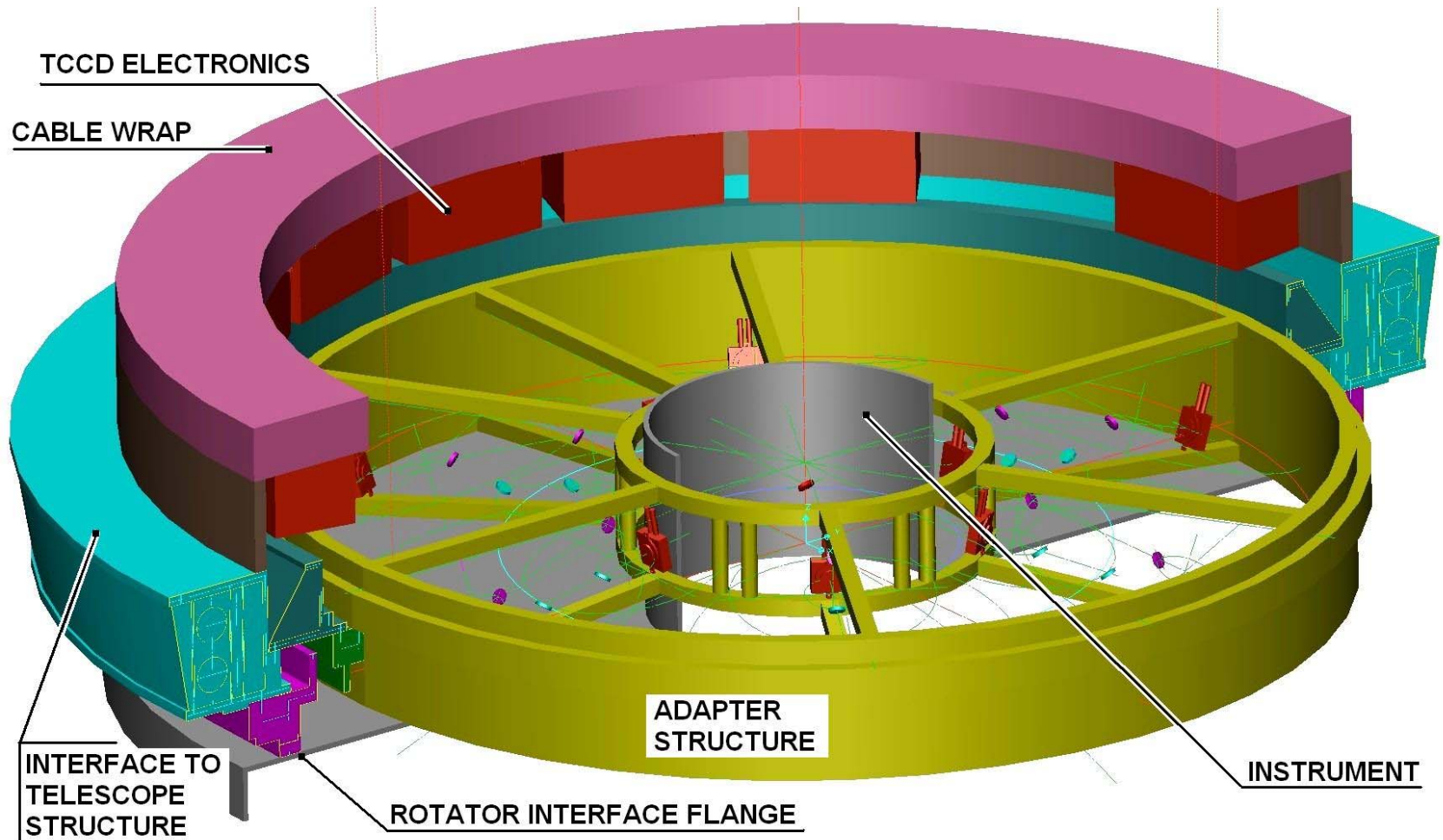


Division of the focal surface

- 0 - 3 arcmin : Instrument
- 3 - 6 arcmin : Adaptive optics
- 6 - 9 arcmin : Active optics



Mechanical design



Instrument design volume

- Instrument design volume includes the central 3 arc minutes cylinder of the adapter to increase the back focal distance

