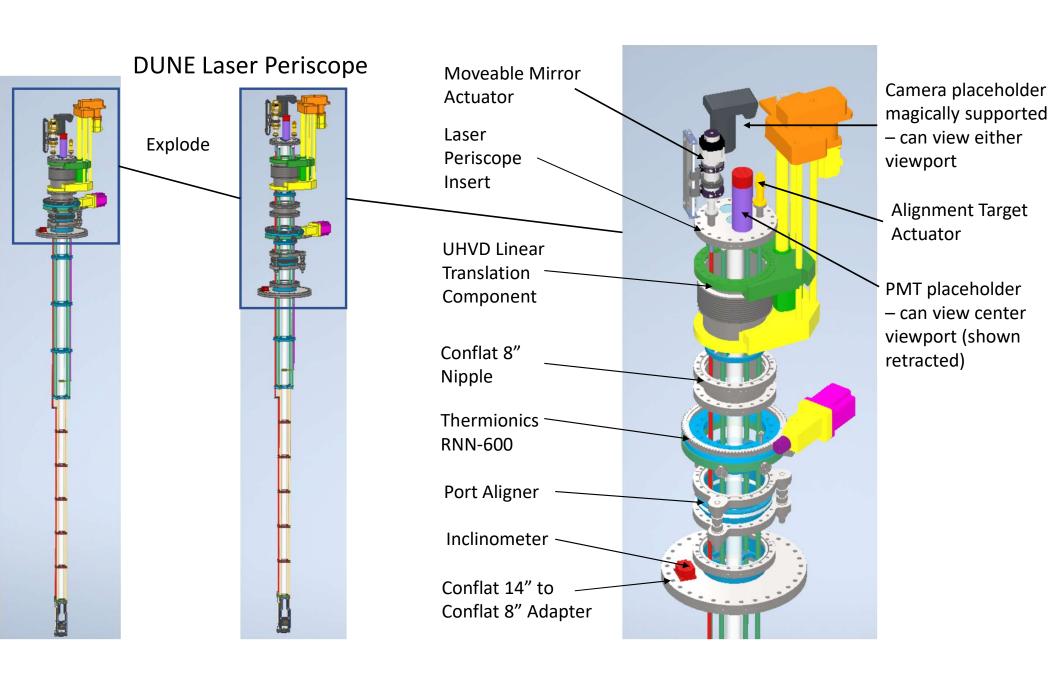
## **DUNE Laser Periscope Design Progress**

Calibration Meeting 2-20-20

Jan Boissevain



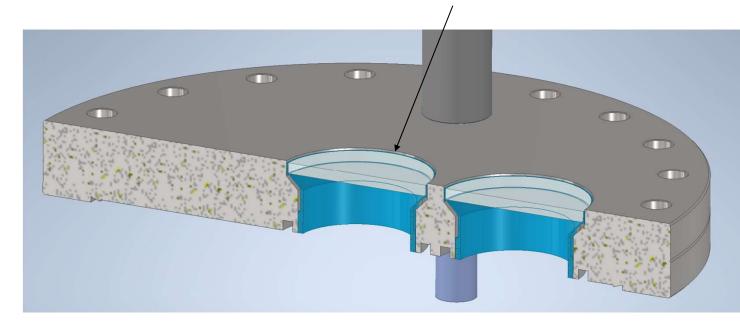
Moveable Mirror Actuator

# Change From SBND Laser Periscope Starting Point

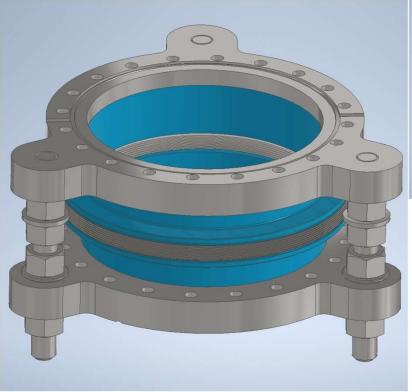
Insulator Seal 107330 View Ports welded to top flange (Ø34.6mm) – one port centered, one port offset by 2"

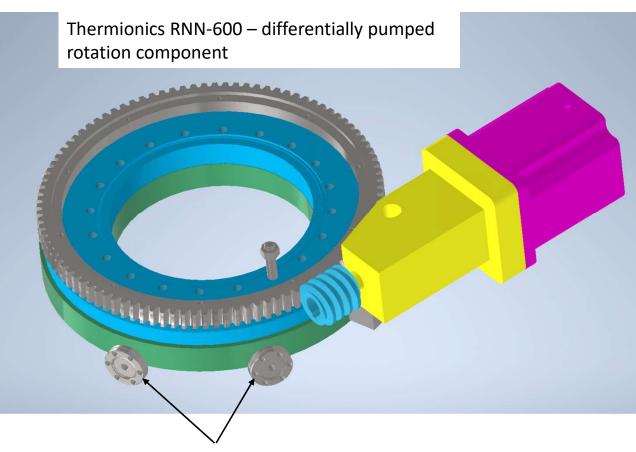


**SBND** 

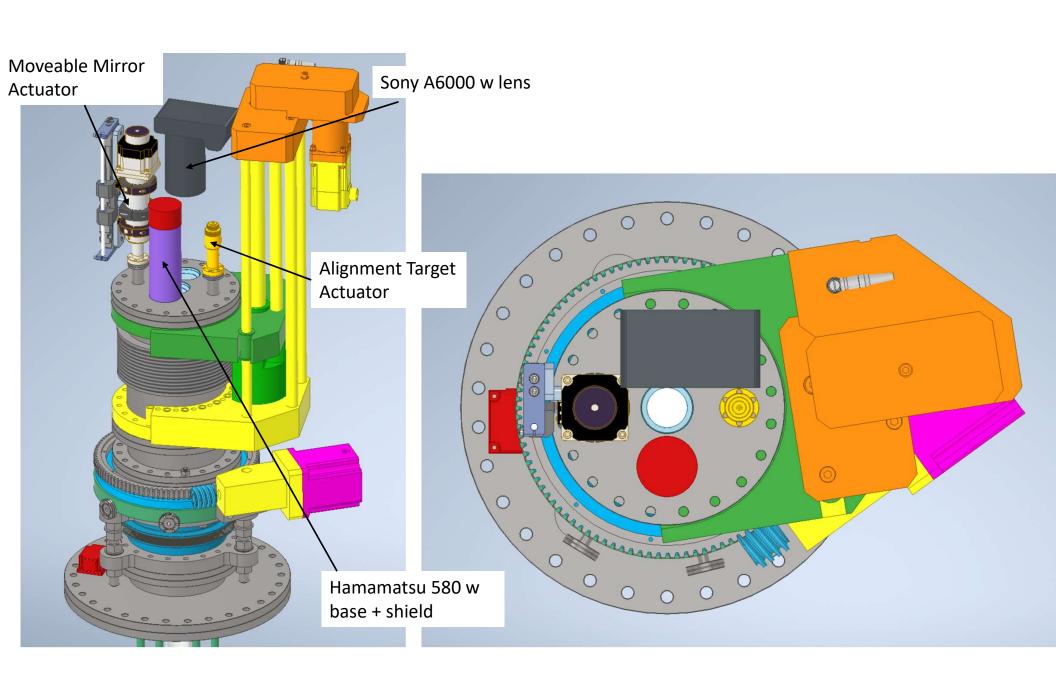


UHV Port Aligner PA150H

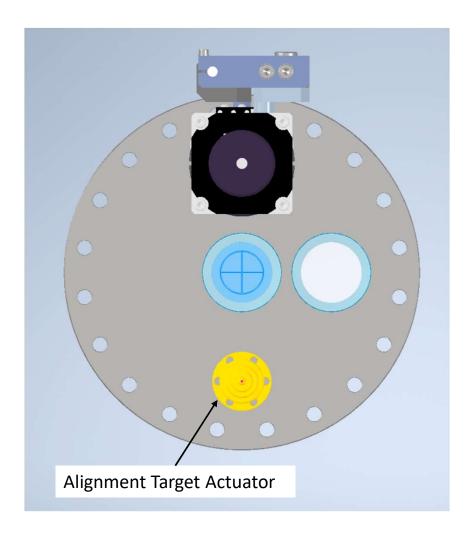




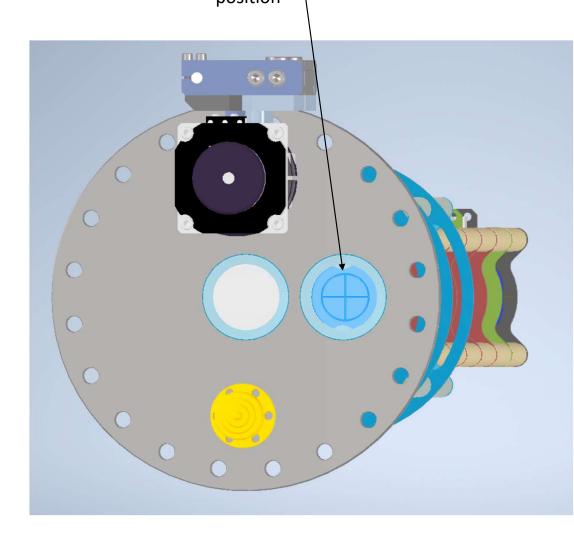
Propose to connect to port purge

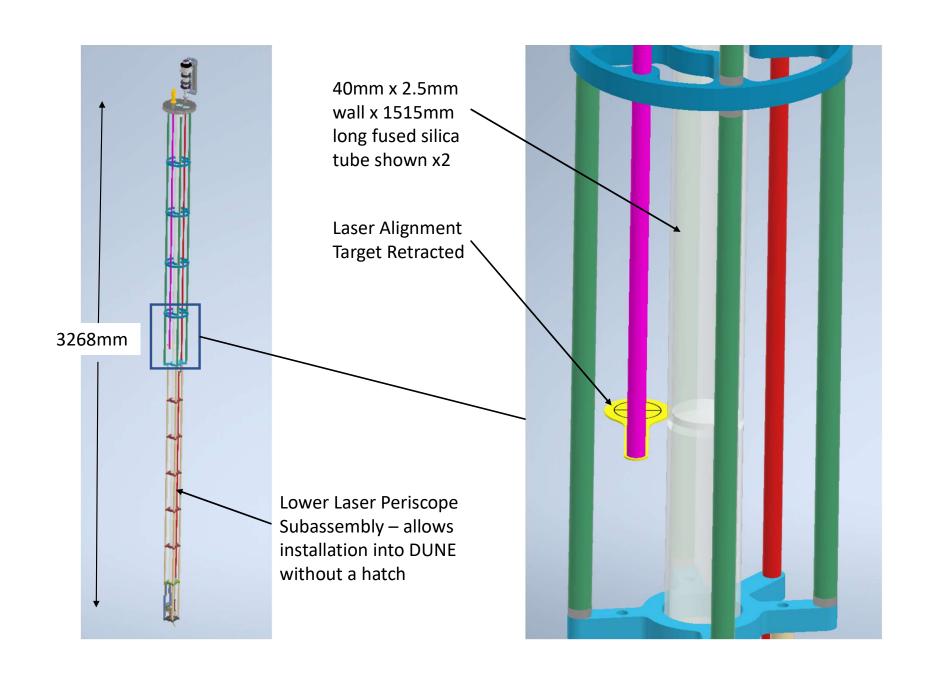


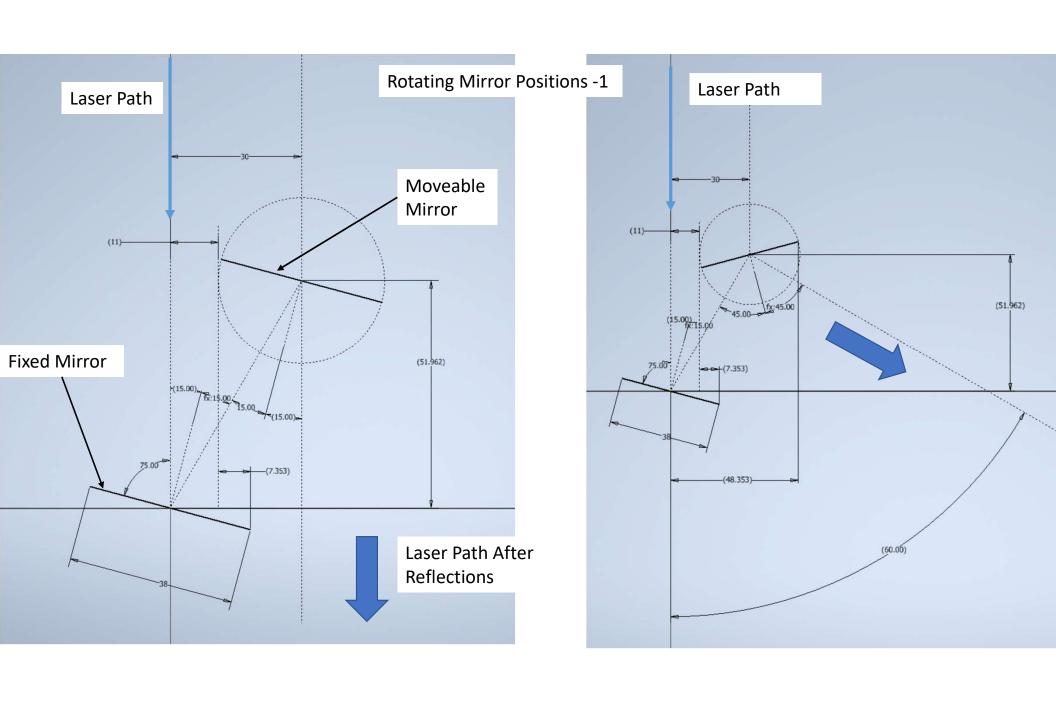
### Alignment Target in position

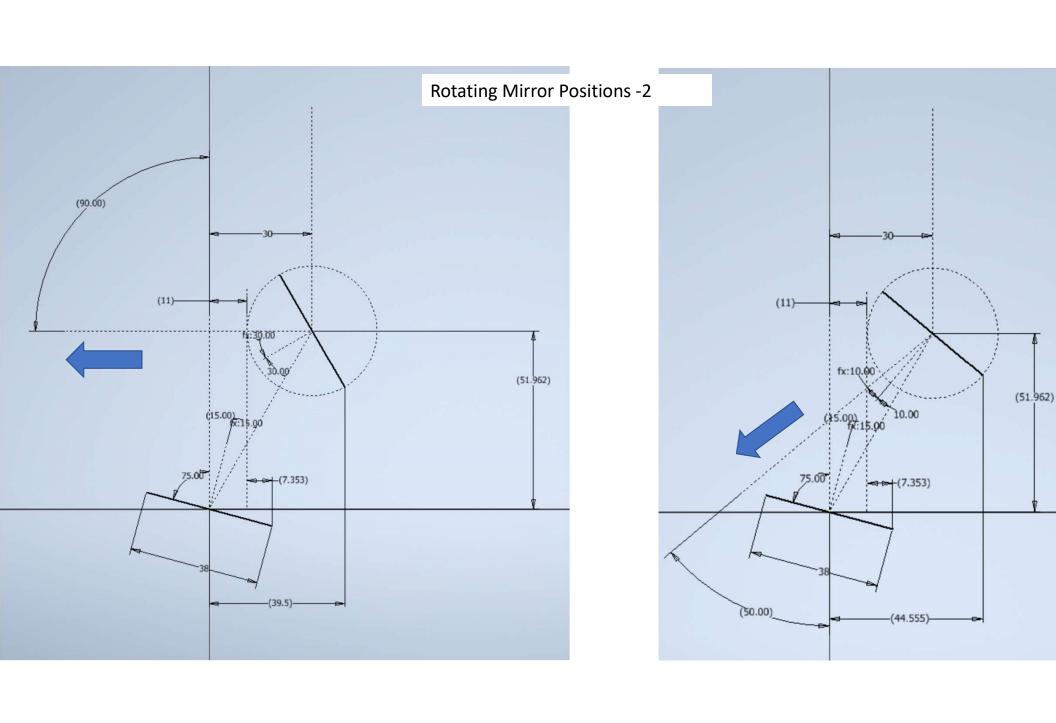


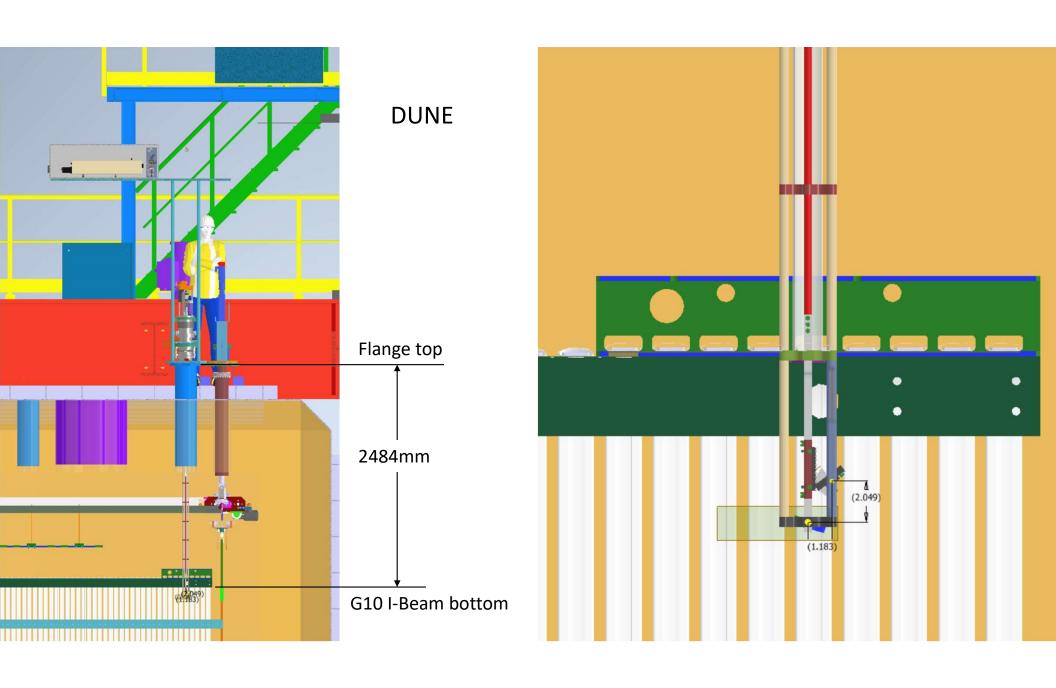
Camera can view target when the alignment target is in position \

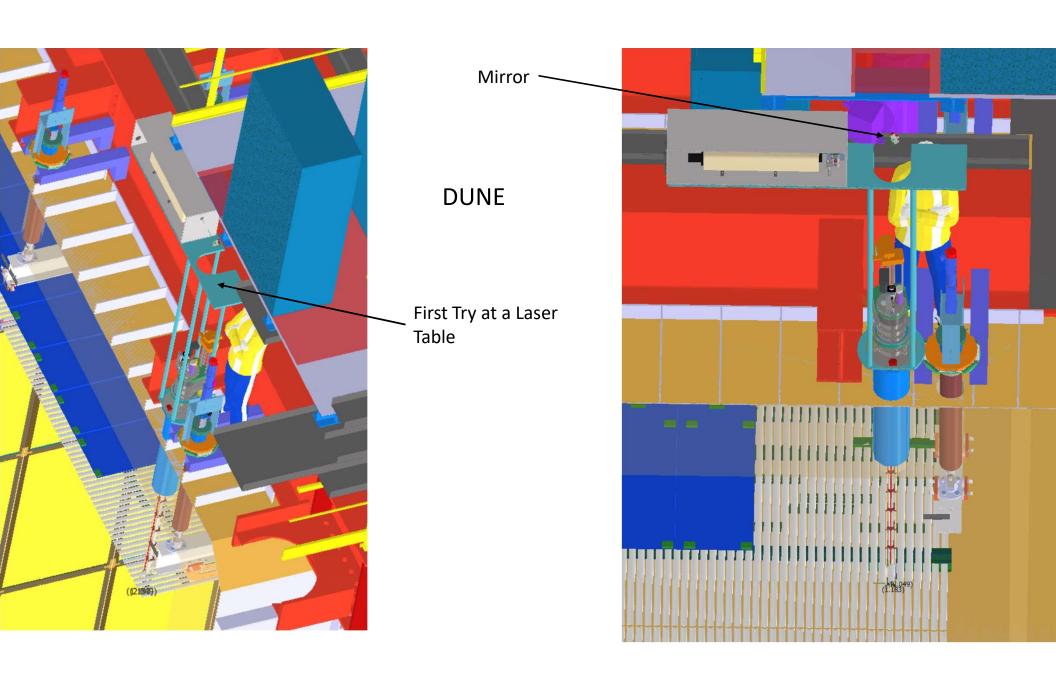




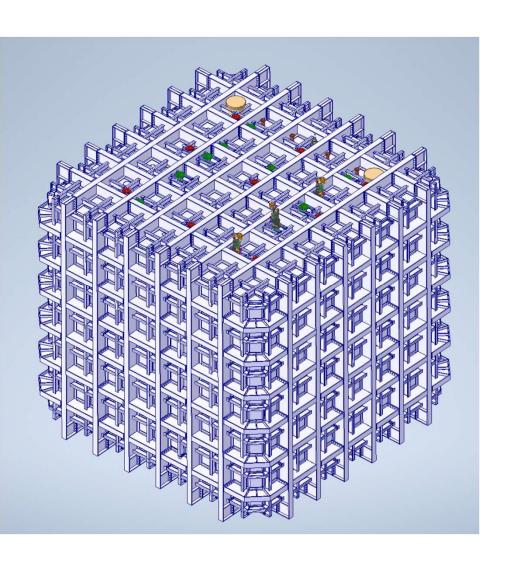


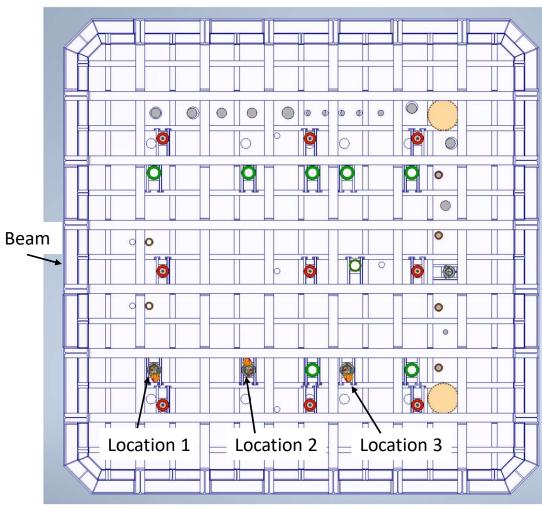


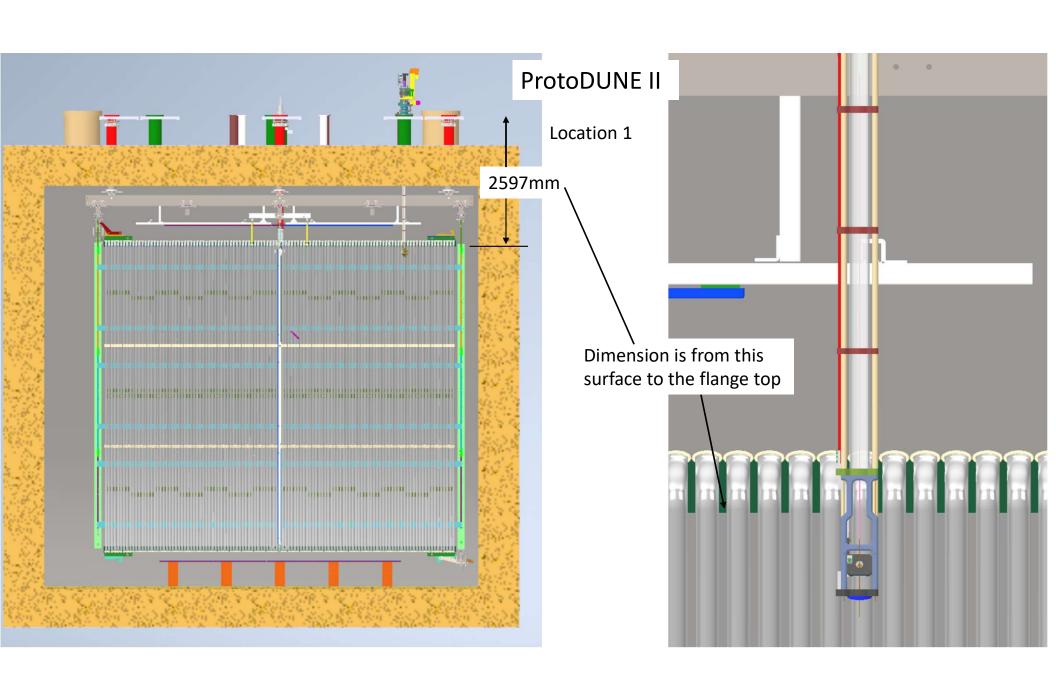


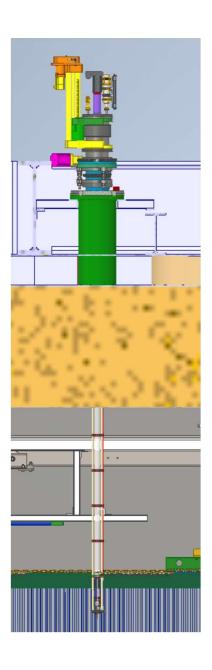


### Possible Laser Periscope Locations









ProtoDUNE II Location 2

