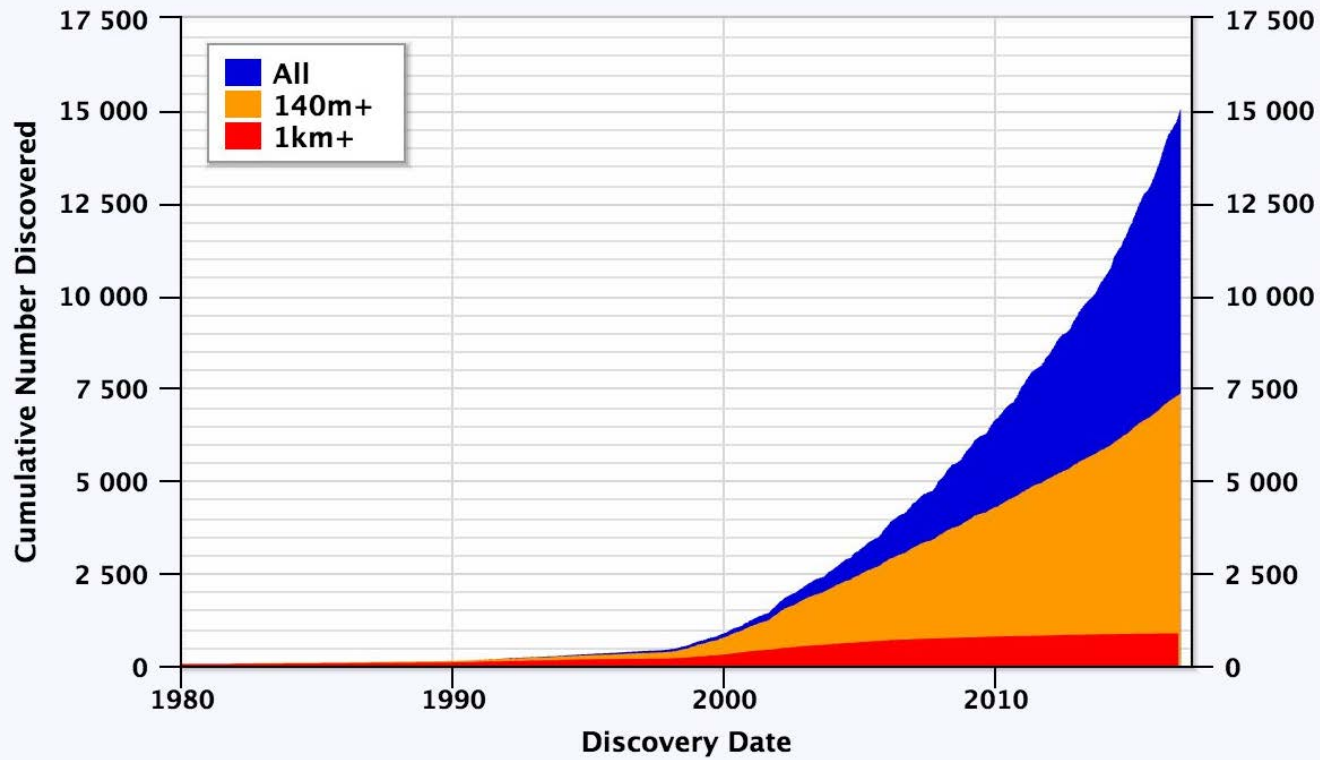
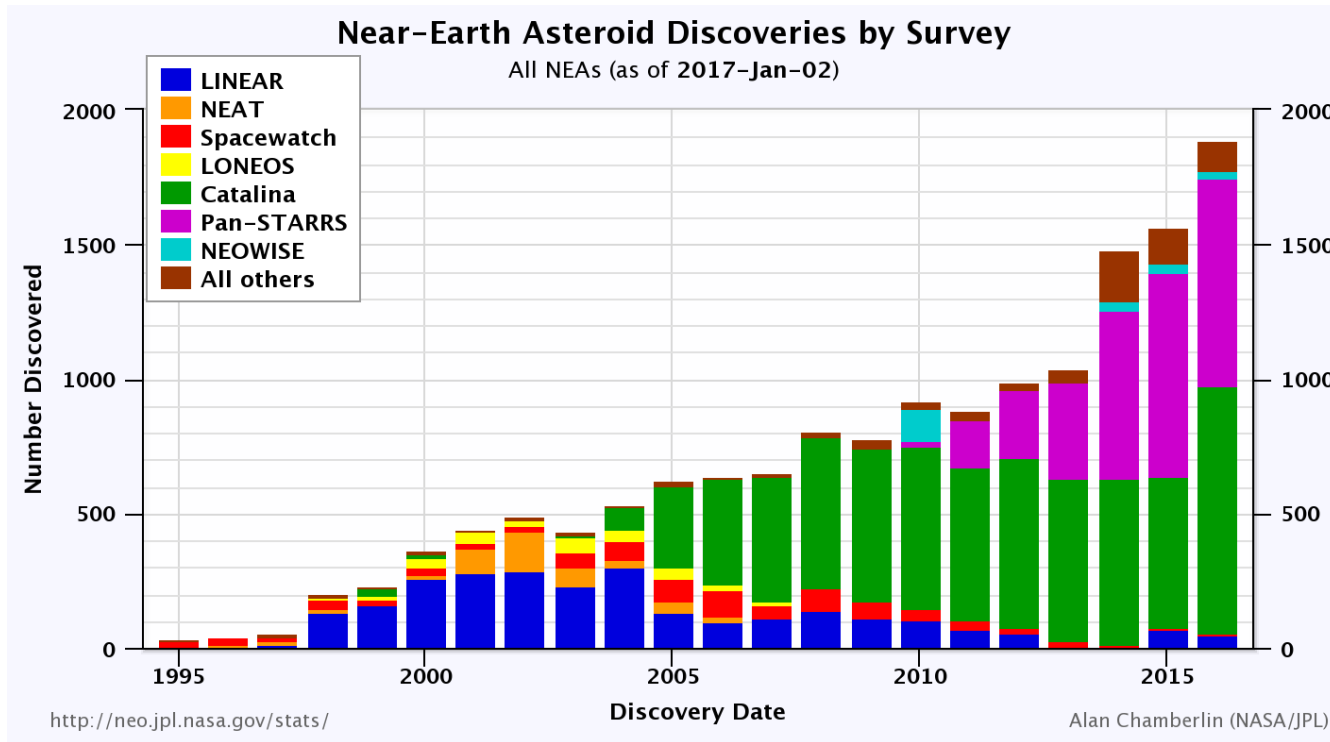


## Near-Earth Asteroids Discovered

Most recent discovery: 2016-Oct-25





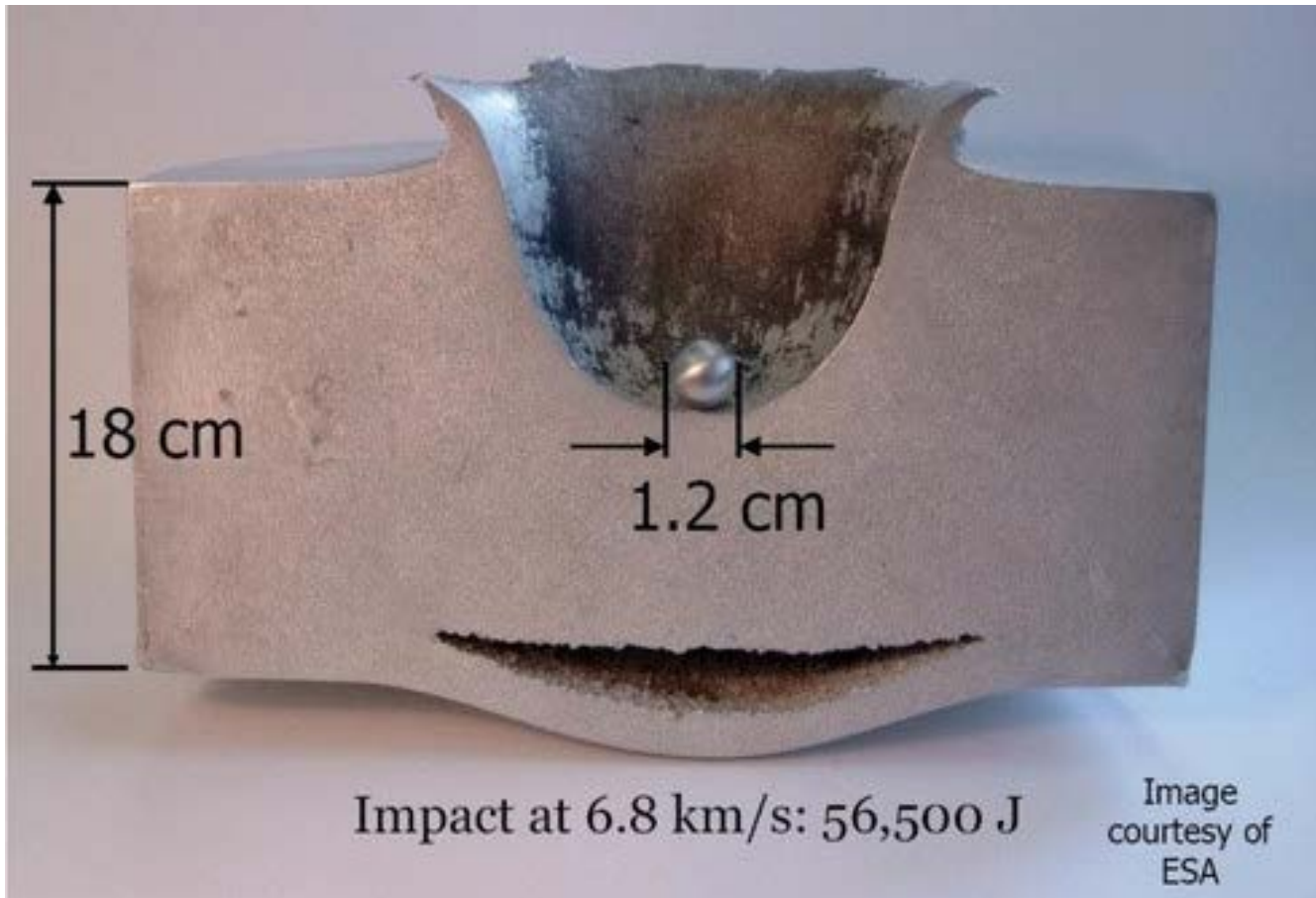


1957



**14:50**  
**2009/02/10**

© ESA



## Infrastructure



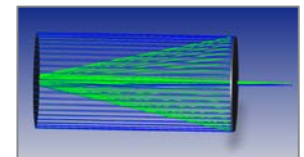
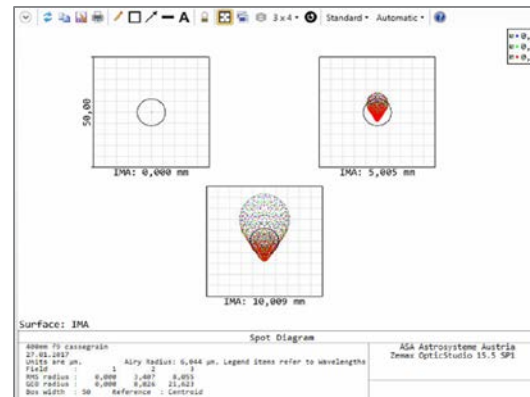
## Coordination



## Building

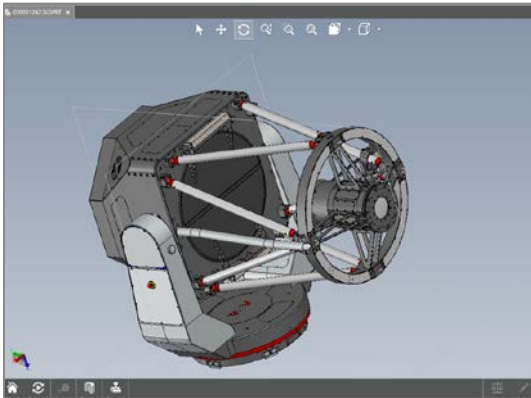


## Optic design





## Construction



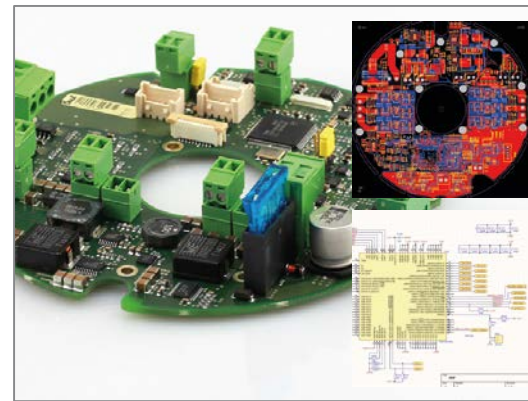
## Mount and Tube Hardware



## Drive Technology



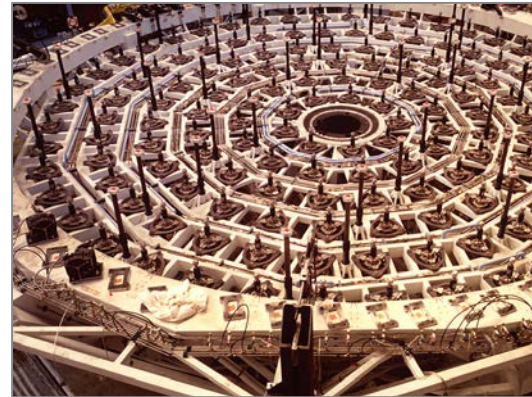
## Electronic and Control System



## Optic fabrication



## Mechatronik



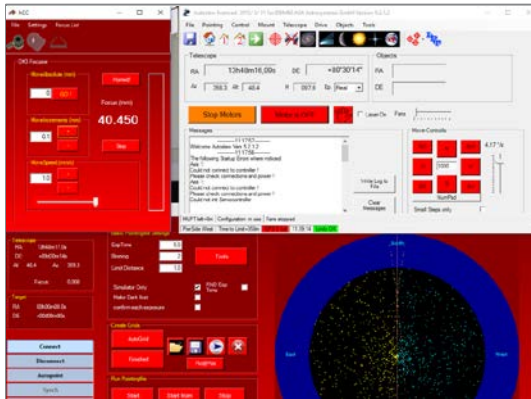
## Metrology Sensors



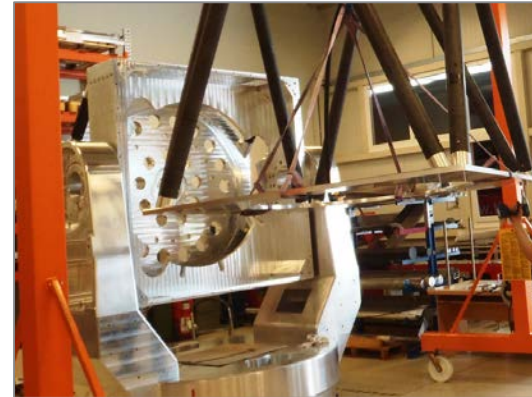
## Camera



## Software



## Assembly



## Dome



## Transportation



## Comissioning

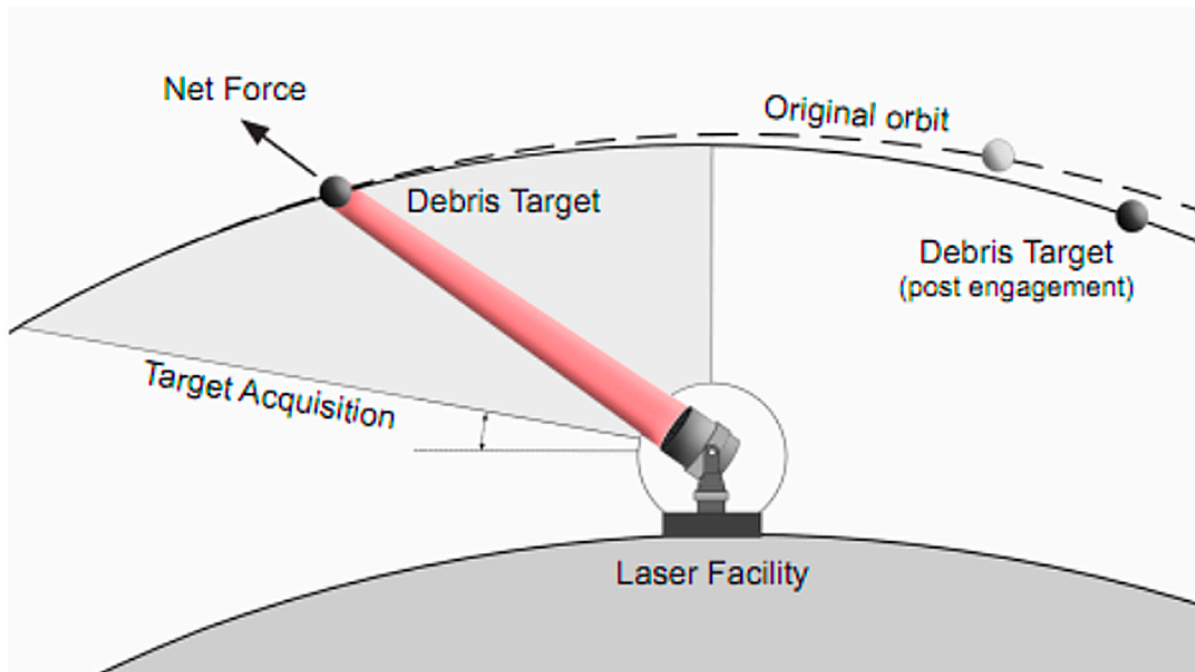


## Service



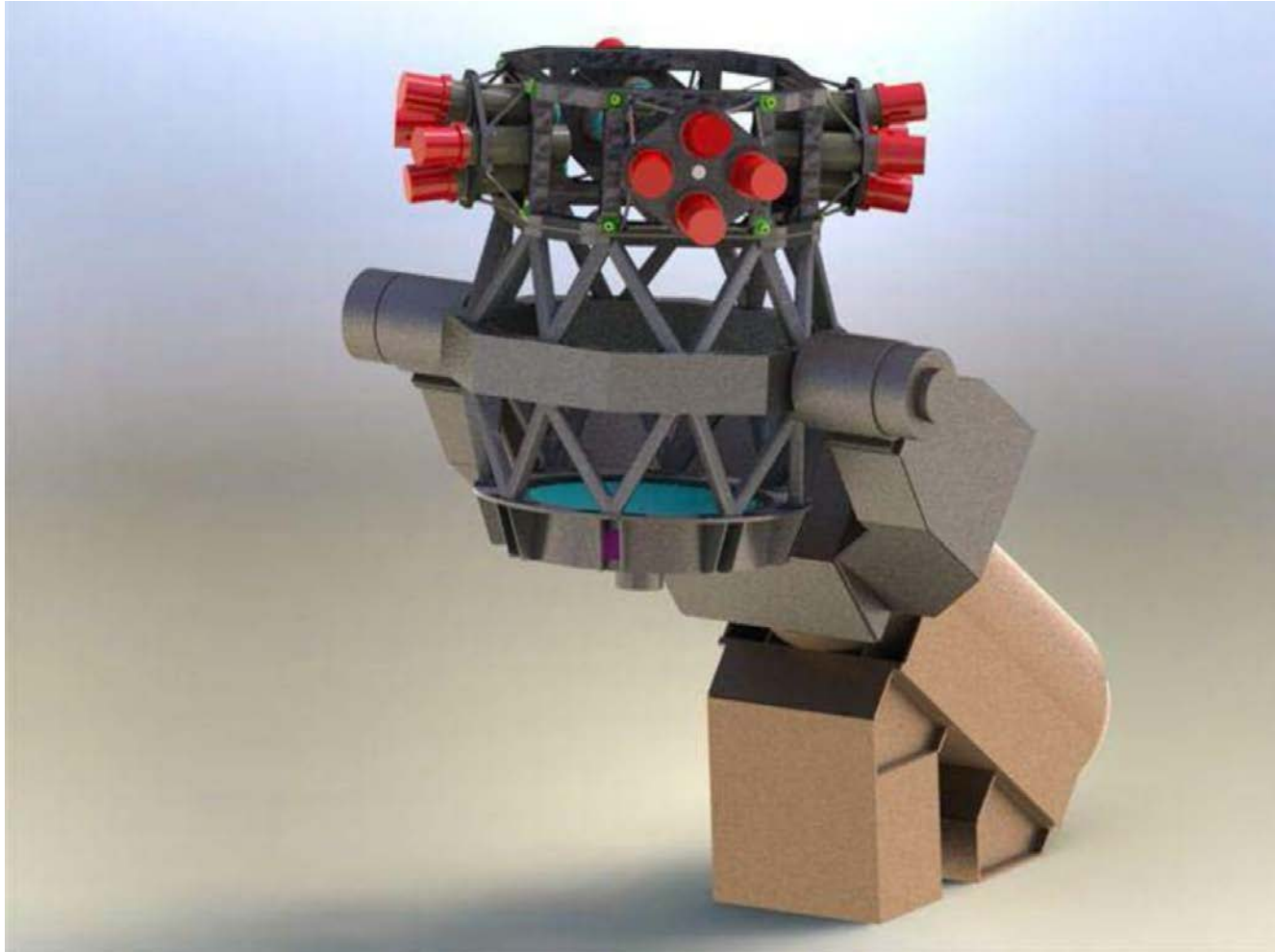
## NASA Studies Laser for Removing Space Junk

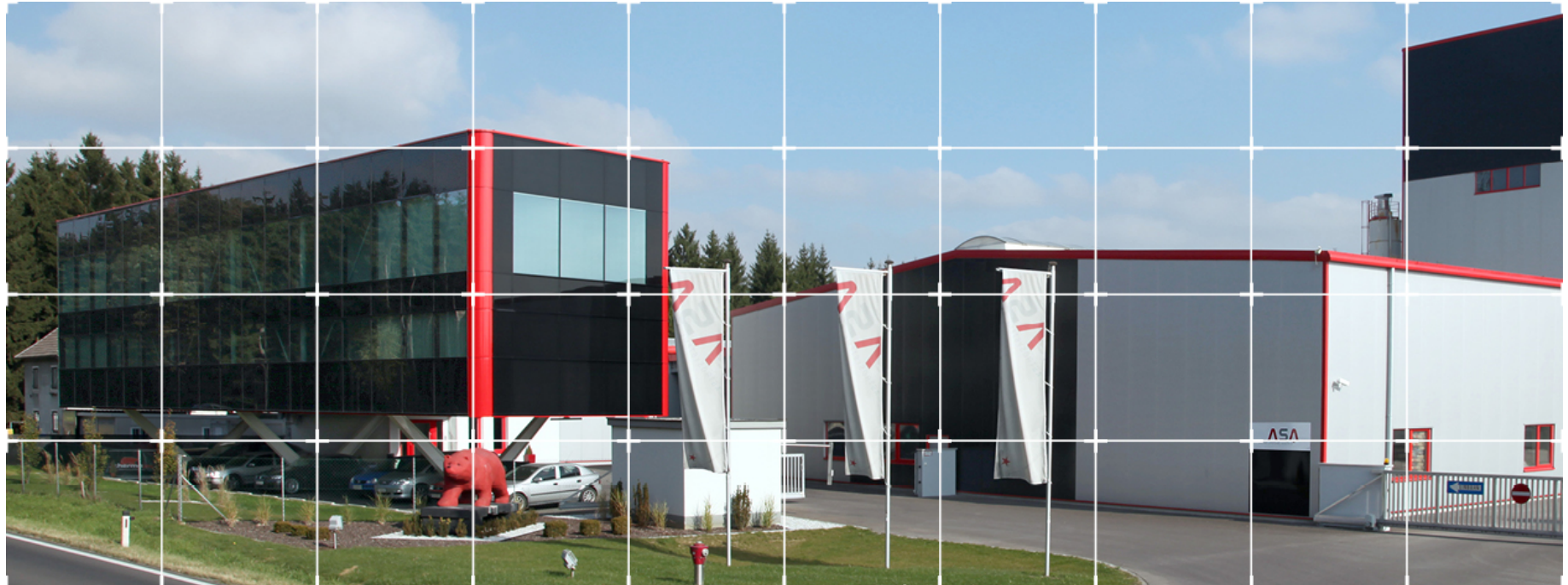
A cheap ground-based laser could put space junk out of harm's way ,  
according to a NASA study



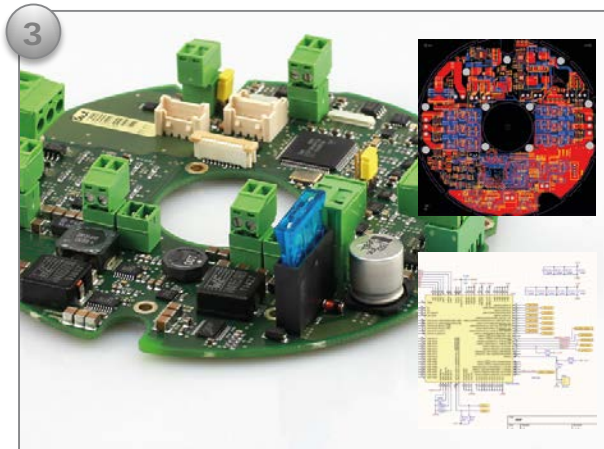
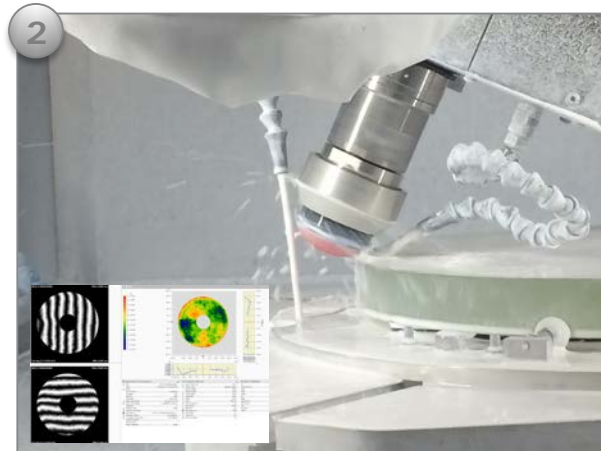


esa fly eye







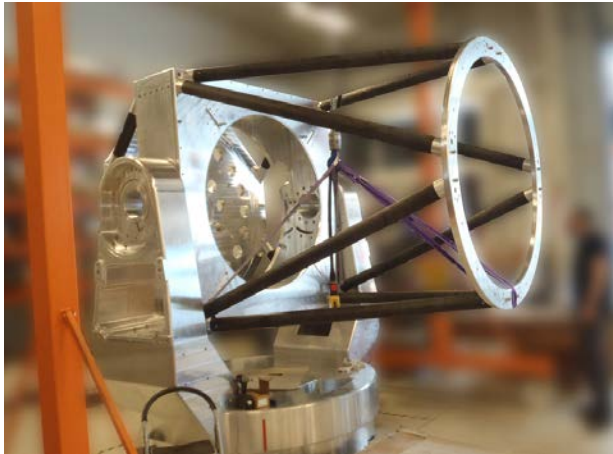
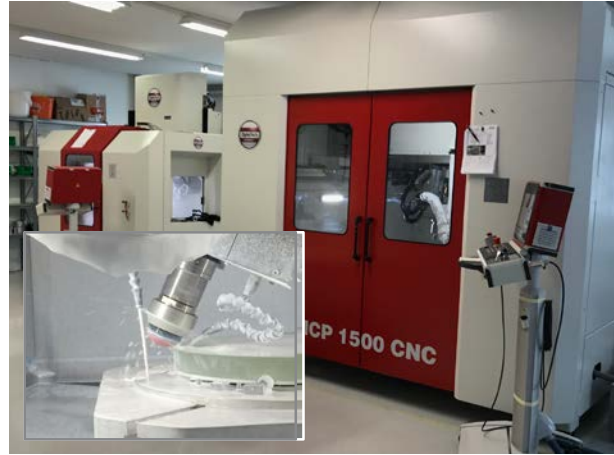


1 **ENGINEERING DEVELOPMENT**  
Telescopes  
Customer application  
Observatory

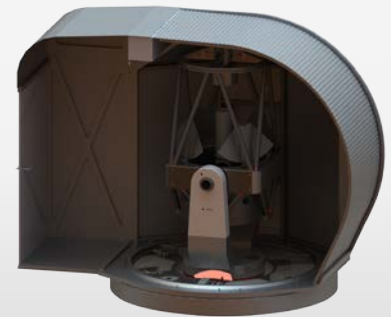
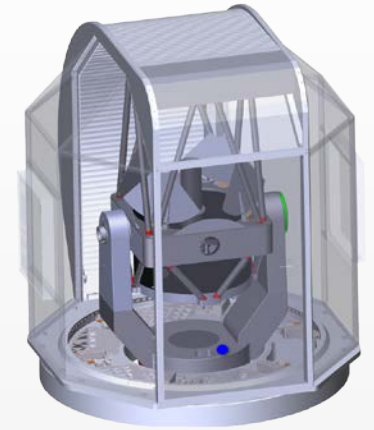
2 **DESIGN MANUFACTURING**  
Domes  
Telescopes  
Optics

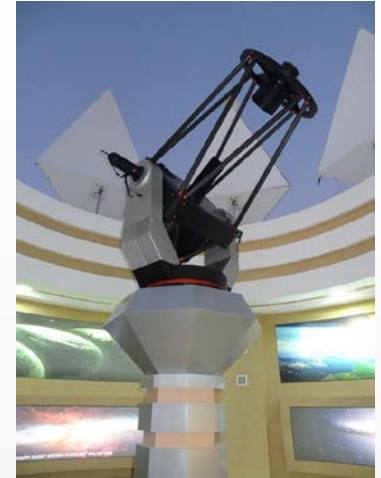
3 **SOFTWARE ELECTRONIC**  
Satellite tracking  
Direct Drive control  
Dome control

4 **SERVICE COMMISSIONING**  
Optimized processes  
All in house  
Only one supplier  
ASA Team worldwide



Made-to-measure

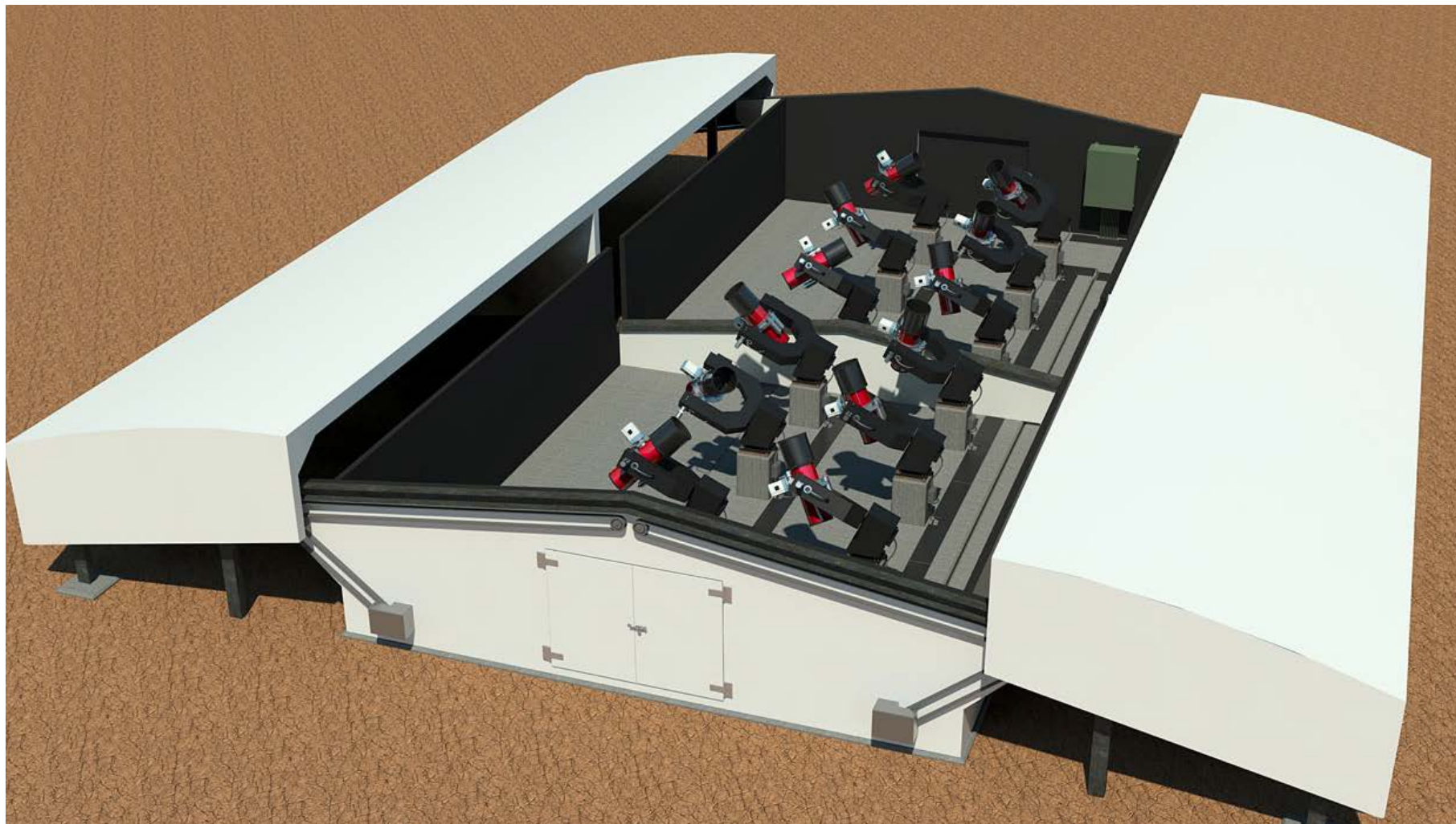


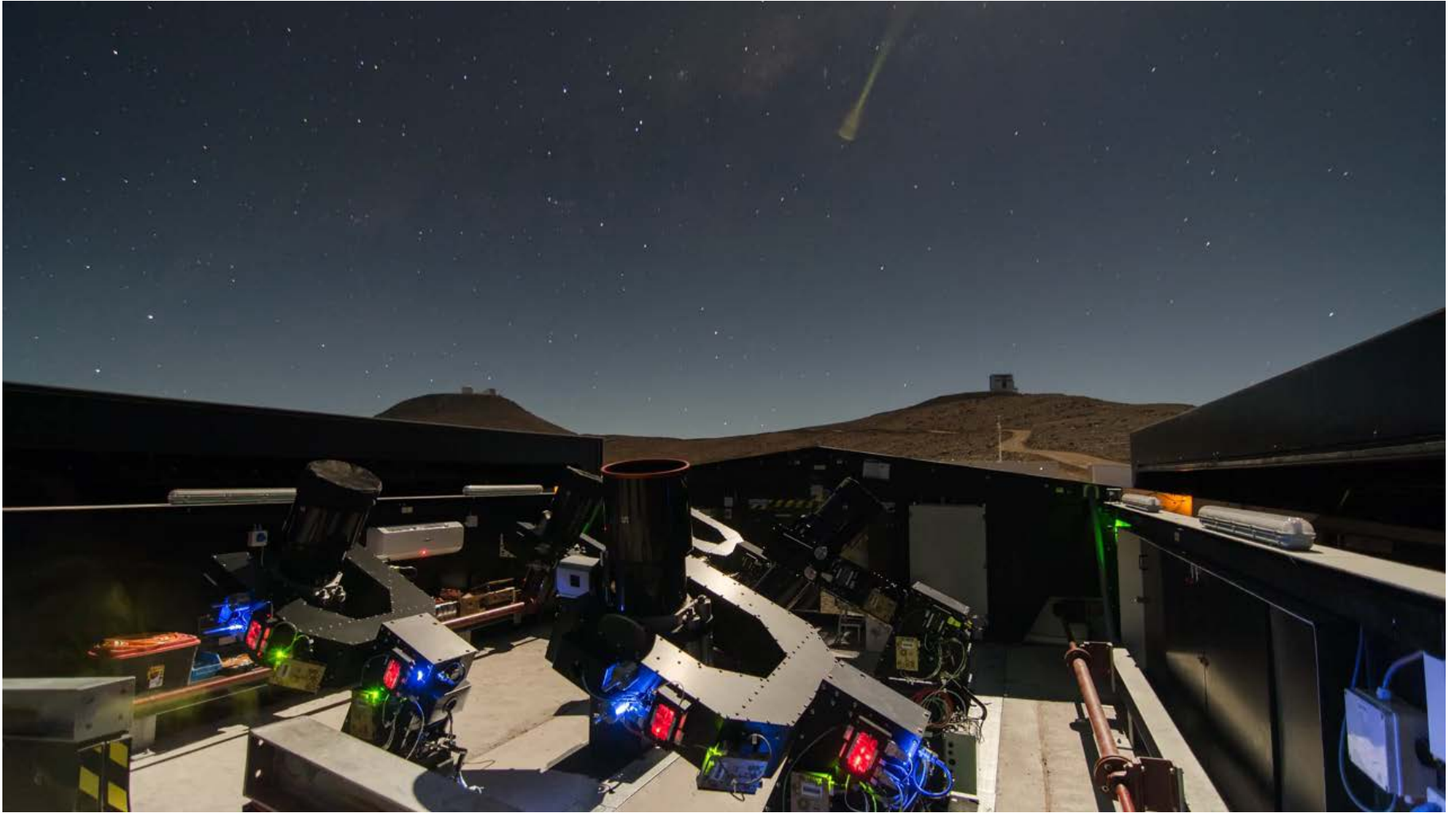


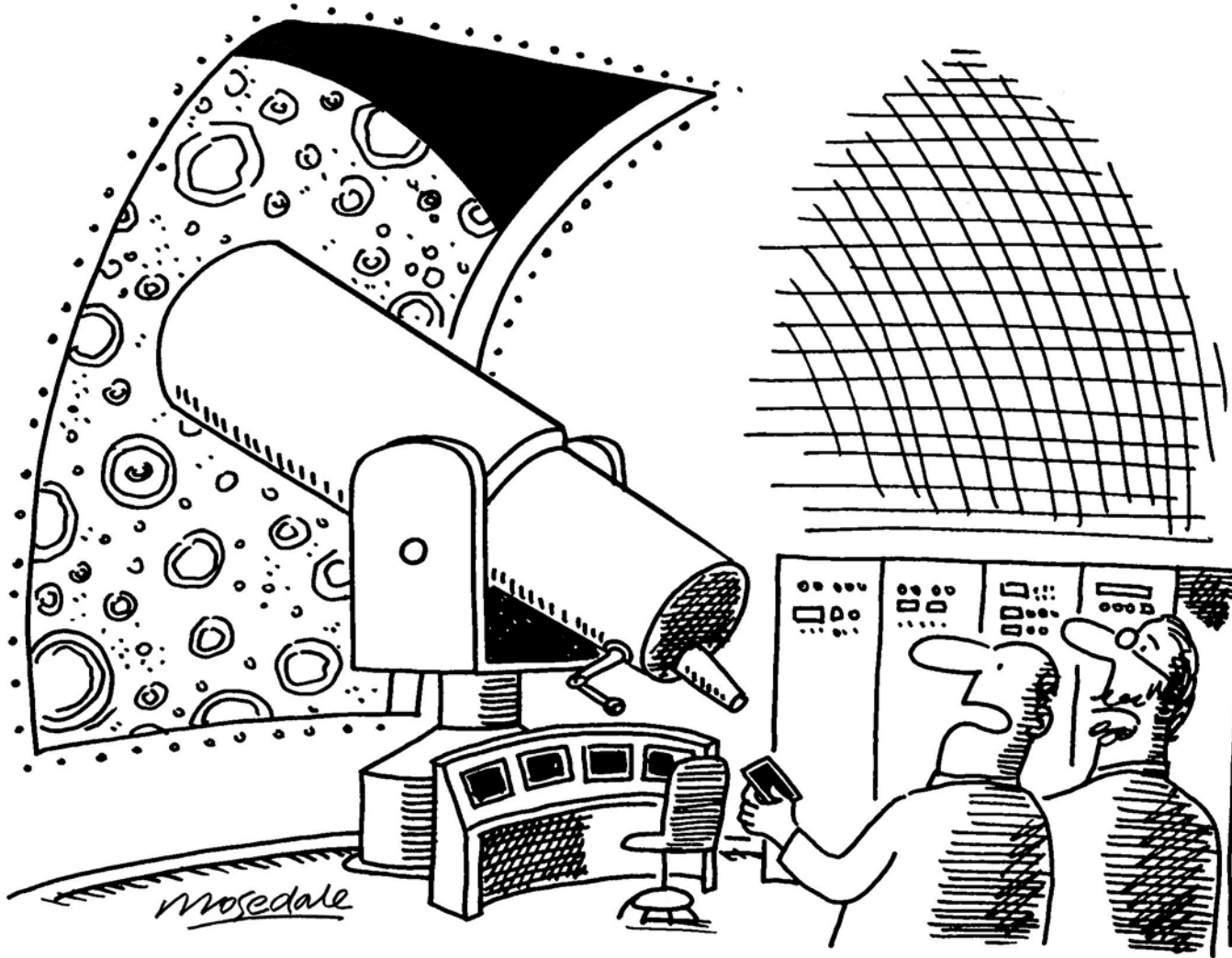
Discover the new earth



# NGTS telescope on Paranal Chile







‘Well that’s certainly new !’