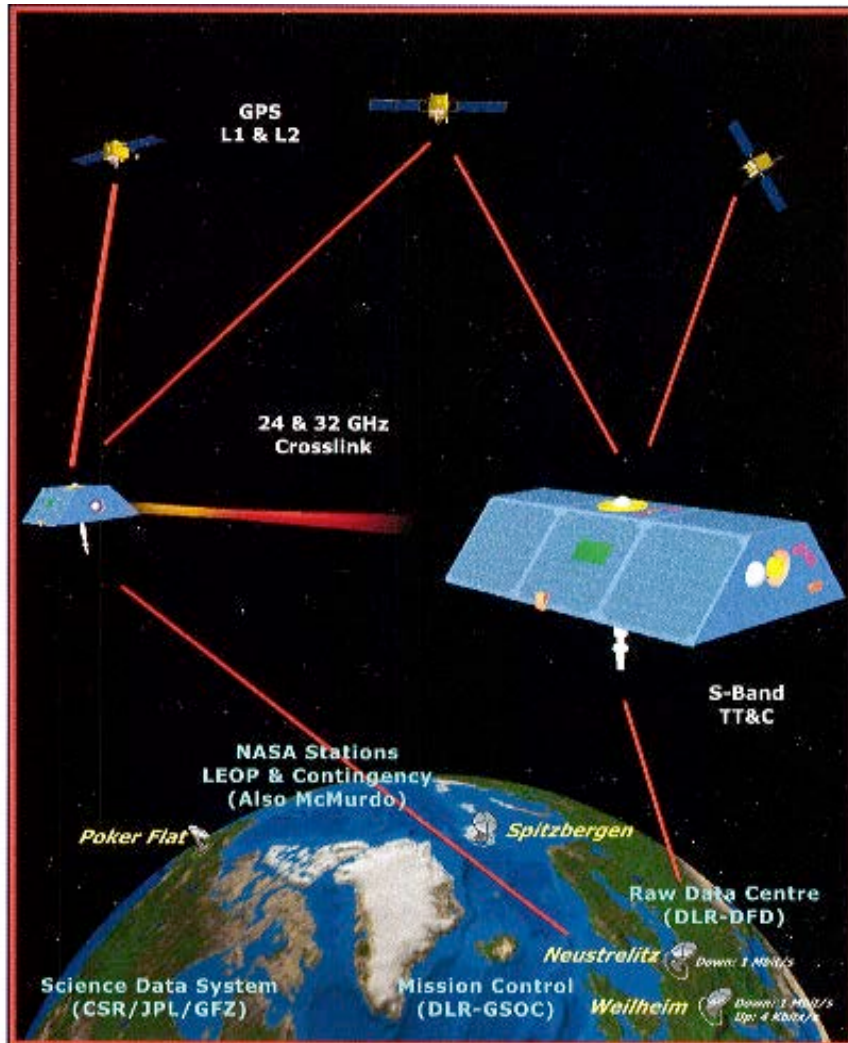




Mission Summary: GRACE



Salient Features

- Instruments:
 - Microwave Ranging System (JPL/SSL/APL)
 - Accelerometer (ONERA)
 - Star Cameras (DTU)
 - GPS Receiver (JPL)
- Satellite: JPL/Astrium
- Launch Vehicle: DLR/Eurokot
- Launch Date: March 17, 2002
- Orbit: 500 km altitude; 89 deg. inclination
- EOM: September 2018
- Partnership with DLR (GSOC)
- PI: Byron Tapley; Frank Fletcher (Co-PI; GFZ)
- Project Manager: Robert Gaston, JPL
- NASA Program Executive: Charles Webb, HQ
- ESSP Program Manager: Greg Stover, HQ-LaRC

Science

- Gravity – Ice-mass balance, Sea-level rise, Ocean circulation, Global water balance, Evapo-transpiration, Geophysics, Surveying
- Weather – 250 refractivity profiles per day – GPS Occultation