The GEODSS modification allows the system to operate effectively in an environment of up to 12,000 deep space satellites. GMP's mission planning function allows the OC3F to schedule operation of up to twelve GEODSS sensors and is capable of scheduling 2000 plus observations per sensor site per night with a growth capability to schedule 4000 plus observations per sensor site per night.

Key Parameters
- Mission Element: Mission Critical Computer Resources
  - Replace unsupportable H/W with open systems
  - Improve system throughput performance
  - Reduce O&M cost by reducing manpower via automation/remote control
    - Optical Command, Control and Communications Facility (OC3F)
- Provide growth capacity and system expandability
  - Support existing and future optical systems
  - Reduces risk to Charge-Coupled Device (CCD) technology and minimizes engineering and manufacturing development impacts to the sensor controller and data processing systems

System Performance
- Mission Element: GEODSS
- Key Parameters:
  - Observation Capacity/8-Hrs: 1440
  - Metric Accuracy (arcsec): 32

Mission
- GEODSS provides timely metric and space object identification (SOI) data to AFSPC in support of the space surveillance mission.

Potential Future Optical Mission
- Near Earth Objects
- Debris
- Planetary Defense
- GEODSS & Maui Opticals, HI
- Diego Garcia, BIOT
- Socorro, NM
- Edwards AFB, CA
- Maui, HI

Schedule Non-GEODSS Optical Systems
- The OC3F design allows mission planning growth to schedule...