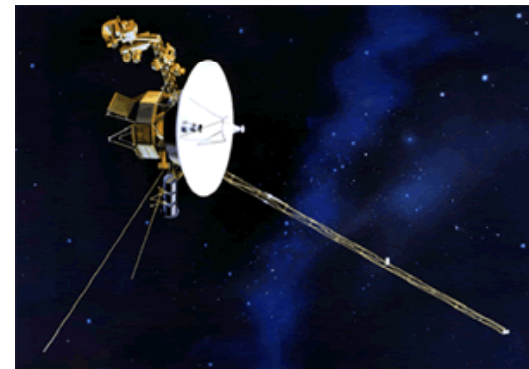




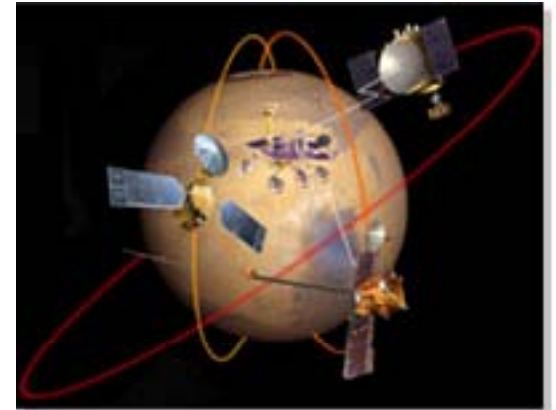
# Ensuring Mission Ops Team Success Throughout the Lifecycle

Jody Gunn  
Systems and Software Division  
Jet Propulsion Laboratory  
California Institute of Technology



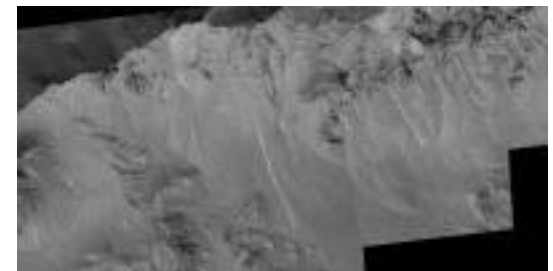
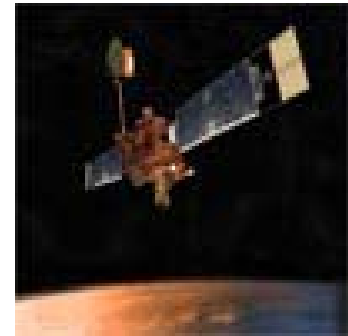
# Challenges

- Vigilance throughout lifecycle
- Mission complexity
- Corporate knowledge retention
- Large variety of operations paradigms
- Competing priorities
- Long duration missions
- Transition of flight system developers to ops
- Diminishing budgets, tight schedules
- Decentralized approach
- Training: a “neglected discipline”



# Drivers & Game Changers

- Loss of Mars Global Surveyor
- “Near misses”
- High accountability
- Growing recognition of ops criticality to mission success
- Increased emphasis on process



# How We're Evolving

- Critical Events Readiness Review
- Extended Mission Review
- Training and certification
- Growing awareness
  - Knowledge Management
  - Documentation currency
  - Cross project info sharing

