Space Systems & ISS Payload Operations

OPERATIONS OVERVIEW

- Operations Planning
- On orbit resource definition
- Concept of Operations Development
- Ground Training
- Command Procedures
- Crew Training
- Crew Procedures
- Real Time Flight Operations
- Telescience Support Center (TSC)
- Payload/System Remote Command & Monitoring
- Data Management & Distribution

Our Experience:

- Real Time & Remote Operations
- Build realistic operational timelines
- Hands-on Crew Training
- On Board Training (OBT) Training Products
- Console Operator Certification &Training
- Provide Commanding, Display and Data Processing

Voyager Space provides operations support in the areas of payload planning and planning products, ground training for operators, flight rule definition, Ops TIMS and Real Time Operations.

Operations includes the many activities and products leading up to and including real time operations. The Voyager Space Team provides operations Planning Products: URC Inputs, OOS Review & Resource Planning, Operational Change Request (OCR) Generation & CoFR for Console Operations.

Voyager Space operates and maintains the NASA GRC Telescience Support Center (TSC). This facility can be used for the remote monitoring and command of systems and payloads aboard the ISS.

- Since 2001, Voyager Space has supported over 30,000 hours of continuous on orbit ISS operations
- On orbit operations support includes diverse microgravity experiments and ISS system monitoring 24 hours a day, 7 days a week when necessary.
- End-to-end mission operations support beginning with initial planning extending through crew and ground team training and culminating with on orbit operations
- Space operations are conducted locally at the GRC TSC. Voyager Space is capable of providing remote command and telemetry monitoring so that teams can operate their payloads or systems from their home institutions
- Operations support, consultation and issue resolution are available with experienced operations personnel 24 hours a day, 365 days per year.