

11.4 ISS-Ham Flight Management Recommendations

For ARISS Goddard 2002

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ARISS Flight Management Structure (Proposed)

- In order to better support current and future ISS-Ham projects, ARISS needs to build a better Flight Management Structure.
 - ARISS Flight Director
 - ARISS Project Managers
 - System operators geographically diverse
 - Public Relations representative
 - ARISS Official Mentors

ARISS Flight Director

- Maintain projects and schedules
- Keep all project managers synchronized
- NASA contact for serious / official problems
- Decisions need to be made in a timely manner
- Has the authority to order an ARISS project to be shutdown
- All ARISS project managers report to the ARISS Flight Director

ARISS Project Manager

- Responsible for individual projects
- Manage daily duties of the specific project
- Must forward crew involved schedule requests to ARISS Flight Director

Examples Project Managers

- DATA Project Manager
 - ISS-Ham Packet operations
- Education Project Manager
 - School schedules
- Imaging Project Manager
 - Slow Scan TV
- External Payload Manager
 - PC Sat-2

System Operators duties (SysOps)

- Maintain hardware in flight
- Monitor equipment for possible problems
- Answer simple queries from ISS crew and forward complex issues to ARISS Flight Director
- Keep in contact with other System operators to assist in relaying time critical traffic
- Pass information to ARISS departments

Public Relations

- To keep the public informed of flight hardware status
- Announce projects and schedule changes
- Announce problems and fixes in a timely manner
- Answer general comments from the public
- Maintain the ARISS ON-THE-AIR Web page

ARISS Official Mentors

- Publish Public operating procedures in multiple languages
- Educate the world
- Assist people to be more successful with the ISS-Ham projects
- Help define the recommended operating procedures for terrestrial users.