OFFICE OF SPACE SCIENCE AND APPLICATIONS

OSSA RELATED PROGRAMS FY - 89

Presented to the **Space Station Advisory Committee**

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SPACE STATION ACTIVITIES

EM 09/20/88

IMPACT OF CONGRESSIONAL REDUCTION ON LIFE SCIENCES

- Original Plan
 - Initiate Centrifuge in FY 1989
 - Plan for Extended Duration Crew Operations (EDCO) in FY 1989
 - Plan Space Biology Initiative (SBI) Space Station Freedom
- FY 1989 Budget was Significantly Cut by \$25M
- Consequences
 - Delays Development of Centrifuge
 - Defers EDCO Activities to FY 1990
 - Slows SBI Planning
 - Defers Initiation of SBI until 1991

Critical Activities Retained

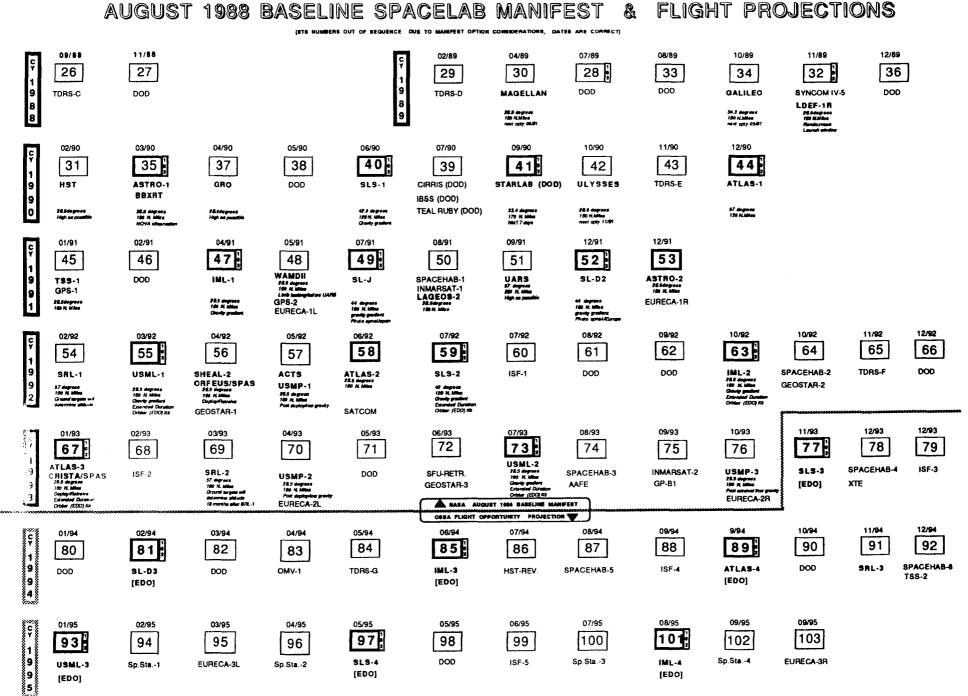
- Attached Payload Accommodations Studies
 - Definition Studies [Descoped]
 - Small and Rapid Response Payloads
 - Contamination [Descoped]
 - Pointing, Viewing, and Zones of Occultation
 - Payload Categorization and Standards
- Attached Payload Announcement of Opportunity (AO) Activities
 - Experiment Flight Hardware Development
 - Experiment Hardware Concept Studies
- Earth Observation System (EOS) Activities
 - Level II Phase B Study Support
 - Payload Selection
- On-Orbit Servicing [Descoped]

Critical Activities Retained [continued]

- Pressurized Volume Studies
 - Rapid Response Payloads
 - Joint Science Utilization
 - Environment and Dynamic Disturbances
 - Payload Categorization and Standards [Descoped]
- Information Systems Strategic Planning
- Operations Planning and Scheduling [Descoped]
- Science and Technology Centers Planning
 - Payload Integration and Operations Requirements
- Science Utilization Management (Field Centers) [Descoped]
- HQs contractor support for utilization planning, operations requirements, interface with the Office of Space Station, and special studies.

Planned Activities/Studies Deferred from FY 89 Plan

- Polar Platform Servicing
- Payloads Support
 - Multi-user equipment
 - Ground support equipment
- Expert System/Strategic Planning for Space Station Freedom Science Utilization
- Ground Processing Support Simulators



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