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

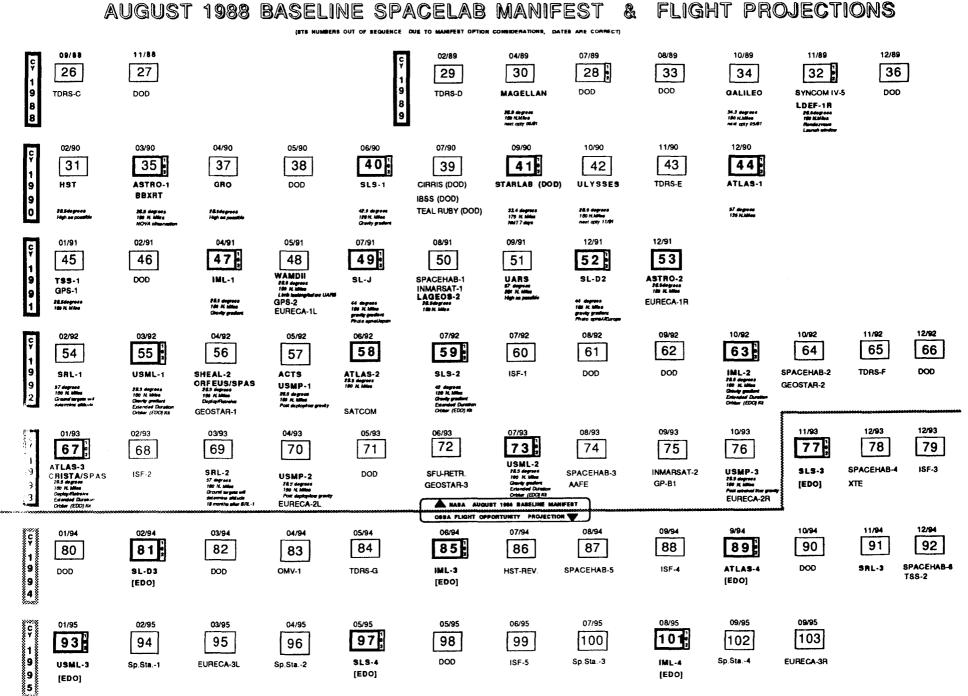
- Attached Payload Accommodations Studies
  - Definition Studies [Descoped]
  - Small and Rapid Response Payloads
  - Contamination [Descoped]
  - Pointing, Viewing, and Zones of Occultation
  - Payload Categorization and Standards
- Attached Payload Announcement of Opportunity (AO) Activities
  - Experiment 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



#### EM 08/14/88