



International Space Station

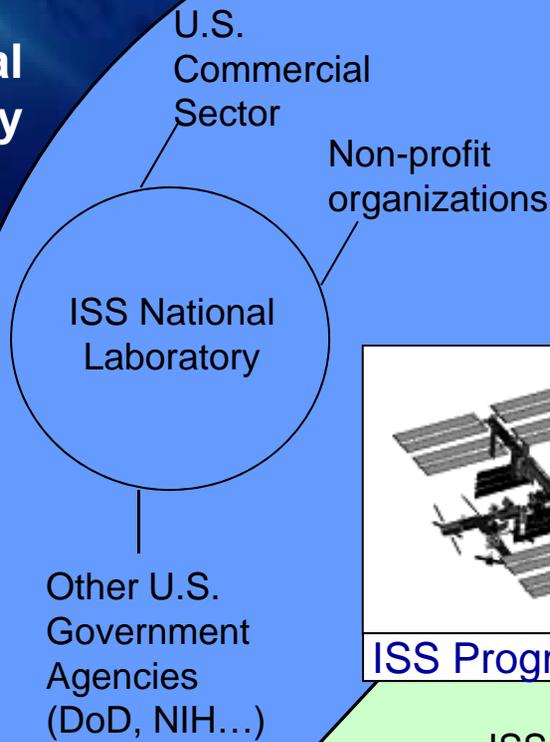
How do I get a new payload on ISS?



ISS Payloads Office
3 August 2010

Sponsorship of Payloads on ISS

ISS National Laboratory



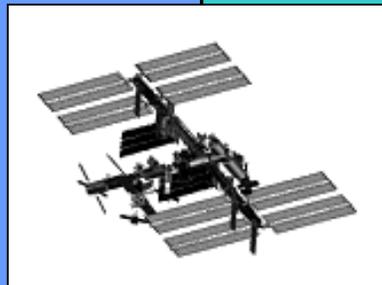
NASA Research

ISS Research in Physical and Life Sciences (SOMD)

Human Research Program (ESMD)

Exploration Research & Tech. Develop. (OCT, SOMD, ESMD)

Astrophysics, Heliophysics, Planetary & Earth Science (SMD)



ISS Program Office

ISS Int'l Barter Commitments (SOMD)

CSA

ESA

ASI

JAXA

International Partners

NASA Mission Directorates

Manage Agreements:

SOMD – Space Operations

ESMD – Exploration Systems

SMD – Science

OCT – Office of Chief Technologist

ISS Program Office

Plans, Integrates and Operates

Steps for manifesting/planning a new ISS payload

1. Sponsor selects for flight (depends on who is funding the work)
2. Sponsor notifies appropriate integration contact who works with ISS Program to implement
3. ISS Integration contact submits planning inputs to ISS Payloads Office (depends on timeframe for flight)

Sponsoring Org (NASA Directorate)	Selecting Official *	ISS Integration Contact
Human Research Program (ESMD)	NASA: Dennis Grounds	Cindy Haven, NASA JSC
Physical Science (ESMD)	NASA: Benjy Neumann/ Fran Chiaramonte	Fred Kohl, NASA GRC
Life Science (ESMD)	NASA: Benjy Neumann/ David Tomko	Sid Sun, NASA ARC
Astrophysics, Heliophysics, Space & Earth Sciences (SMD)	NASA: Paul Hertz/ Selecting Division Director	Marybeth Edeen, NASA JSC
Engineering Research & Technology Development (SOMD, OCT, ESMD)	NASA: Ron Ticker (coordinating POC)	Marybeth Edeen, NASA JSC
ISS National Lab (Other Government Agency coordinated with SOMD)	Agency Selecting Official (NIH, NSF, DoD, etc.)	Marybeth Edeen, NASA JSC
ISS National Lab (Non-profit/Commercial coordinated with SOMD)	NASA: Mark Uhran/ Jason Crusan	Marybeth Edeen, NASA JSC

*Selecting officials may change at short notice as ISS Research is consolidated at NASA HQ

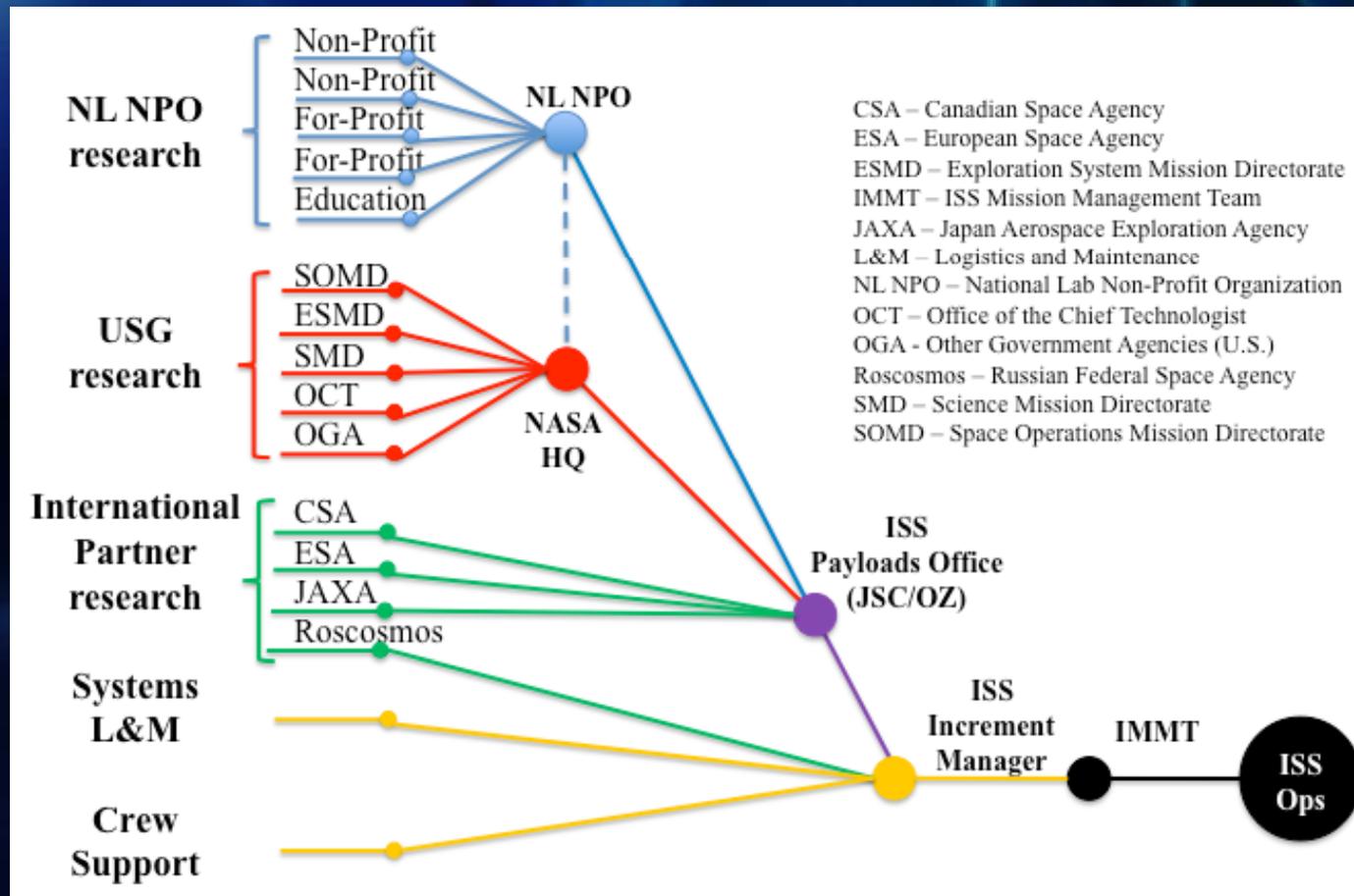
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Timeframe	Planning Process	Board Chair
L-12 through launch (Once a Research Plan has been baselined through execution)	PMIT Payload Mission Integration Team	George Norris/OZ2 Payload Mission Manager
L-24 through L-12	RPWG Research Planning Working Group	Rod Lofton/OZ4 Research Planning Manager
2 years and out (Strategic Timeframe)	UOP User Operations Panel	Julie Robinson/OZ ISS Program Scientist manages long-term Strategic Planning

Requirements Integration & Prioritization

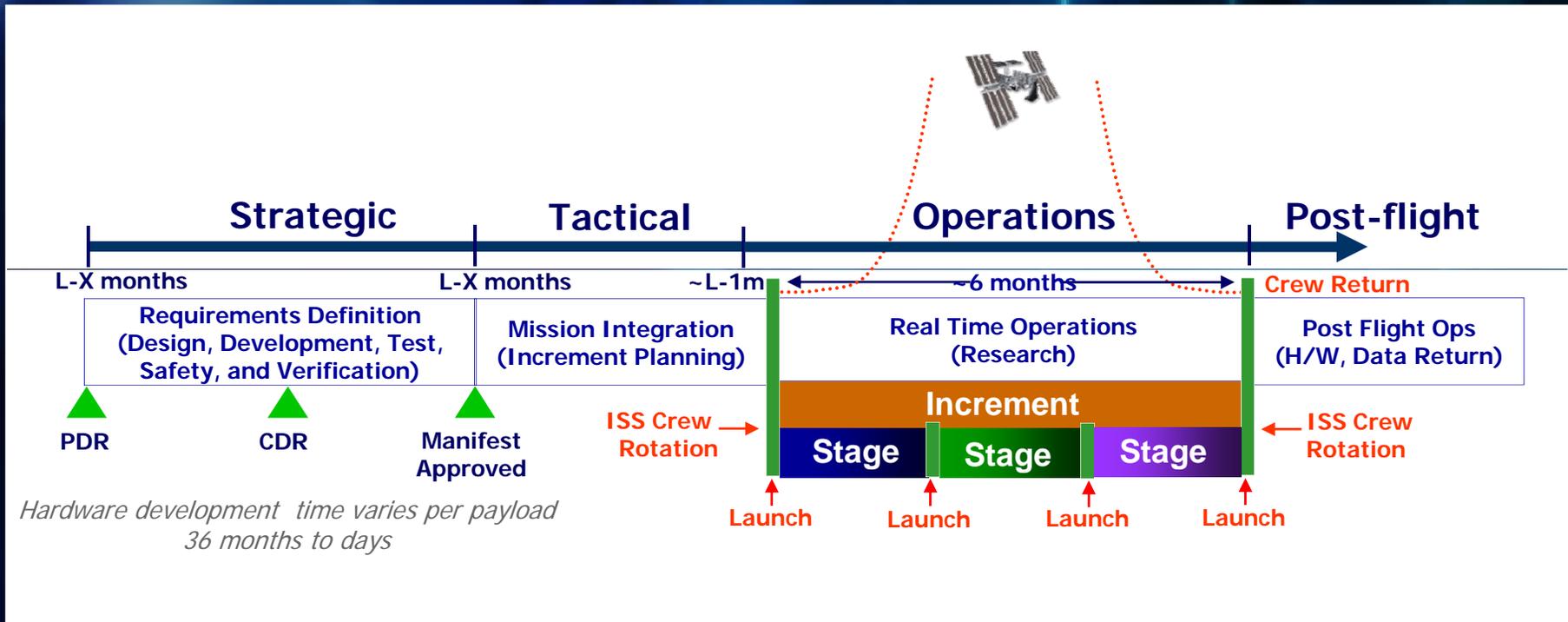
➤ Each node in queue responsible for prioritization within its scope.



International Space Station Payloads Organization



ISS Payload Integration Timeline



Payload Tactical Planning Process

Research Sponsor initially responds to the RPWG "Call for Payloads" with a list of candidate payloads and resource requirements for consideration. This action starts the manifesting process.



Payloads Mission Integration Process

