

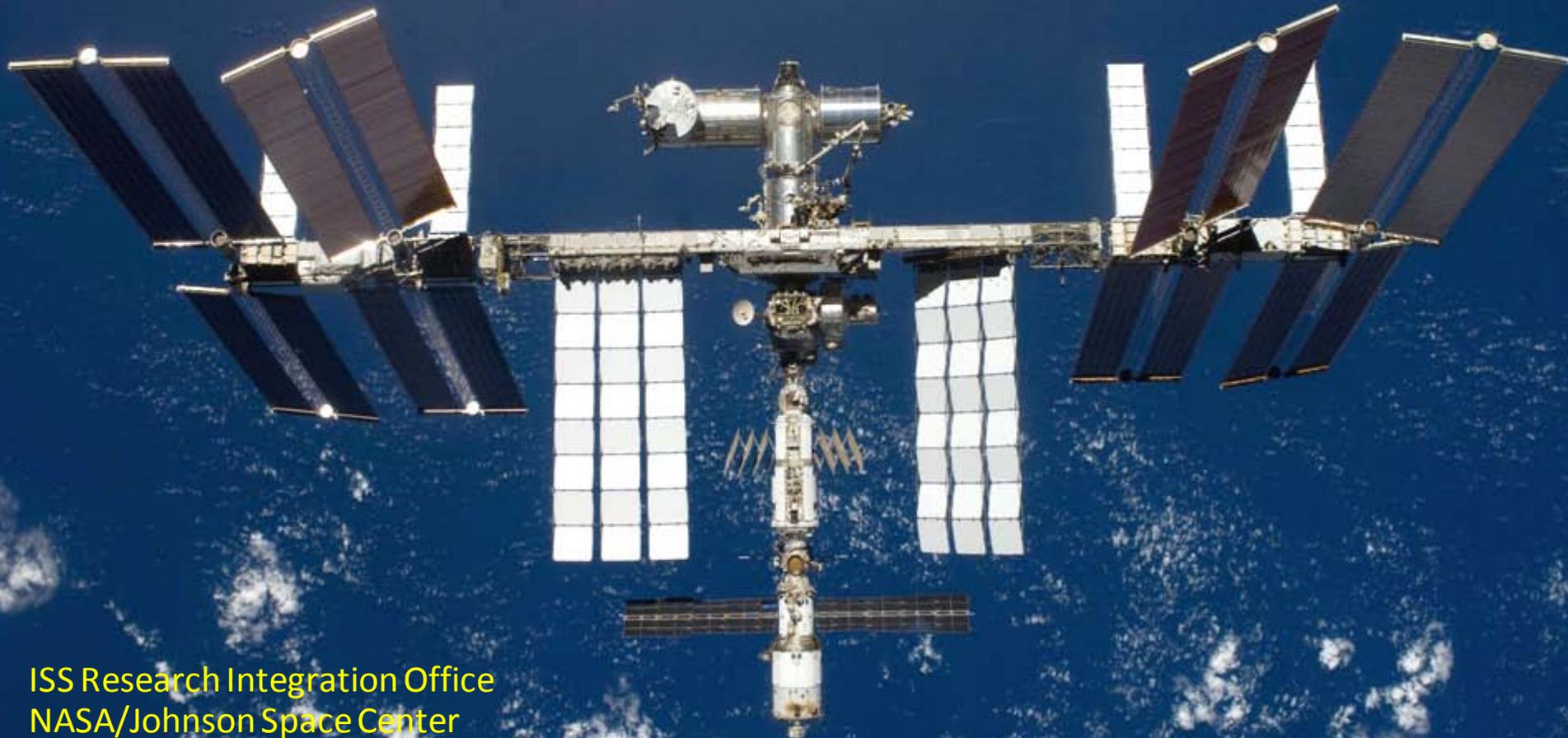


International Space Station

How to Get New Research Onto ISS



◀ A 5-Phase Template ▶



ISS Research Integration Office
NASA/Johnson Space Center
March 2012



How to Get New Research Onto ISS

◀ A 5-Phase Template ▶

Summary



PHASE 1: SPONSORSHIP

Funding Sources

Points of Contact



PHASE 2: STRATEGIC PLANNING



PHASE 3: TACTICAL PLANNING



PHASE 4: OPERATIONS



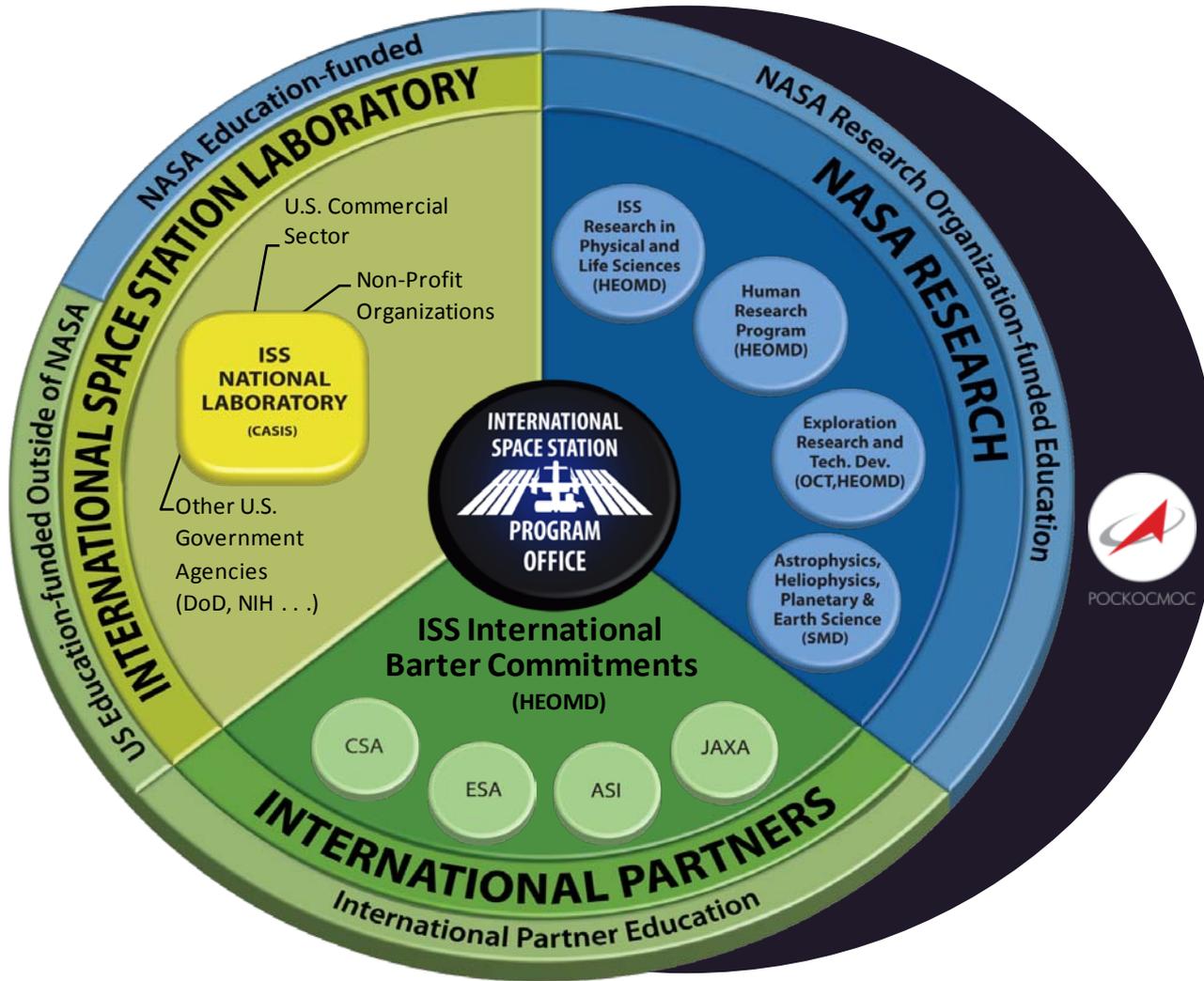
PHASE 5: POST-FLIGHT





PHASE 1: SPONSORSHIP

Funding Sources



(a) NASA Research

Grant opportunities and information in NASA Solicitation and Proposal Integrated Review and Evaluation System (NSPIRES) at <http://nspires.nasaprs.com/external/>

(b) National Laboratory Research / The Center for the Advancement of Space in Science (CASIS)

The 2005 NASA Authorization Act designated the U.S segment of the space station as a national laboratory, enabling access by other Federal agencies, non-profits, and the private sector. Opportunities and information in CASIS' website at <http://www.iss-casis.org/>

(c) Educational Activities

Both NASA Education and CASIS offer education opportunities and information at NASA: http://www.nasa.gov/mission_pages/station/research/research_teacher.html and at CASIS: <http://www.iss-casis.org/research.php>

(d) International Partner Research

International investigators should seek sponsorship through their appropriate space agency.

For more information on research sponsorship and funding, see:

http://www.nasa.gov/mission_pages/station/research/funding_information.html





PHASE 1: SPONSORSHIP

Points of Contact

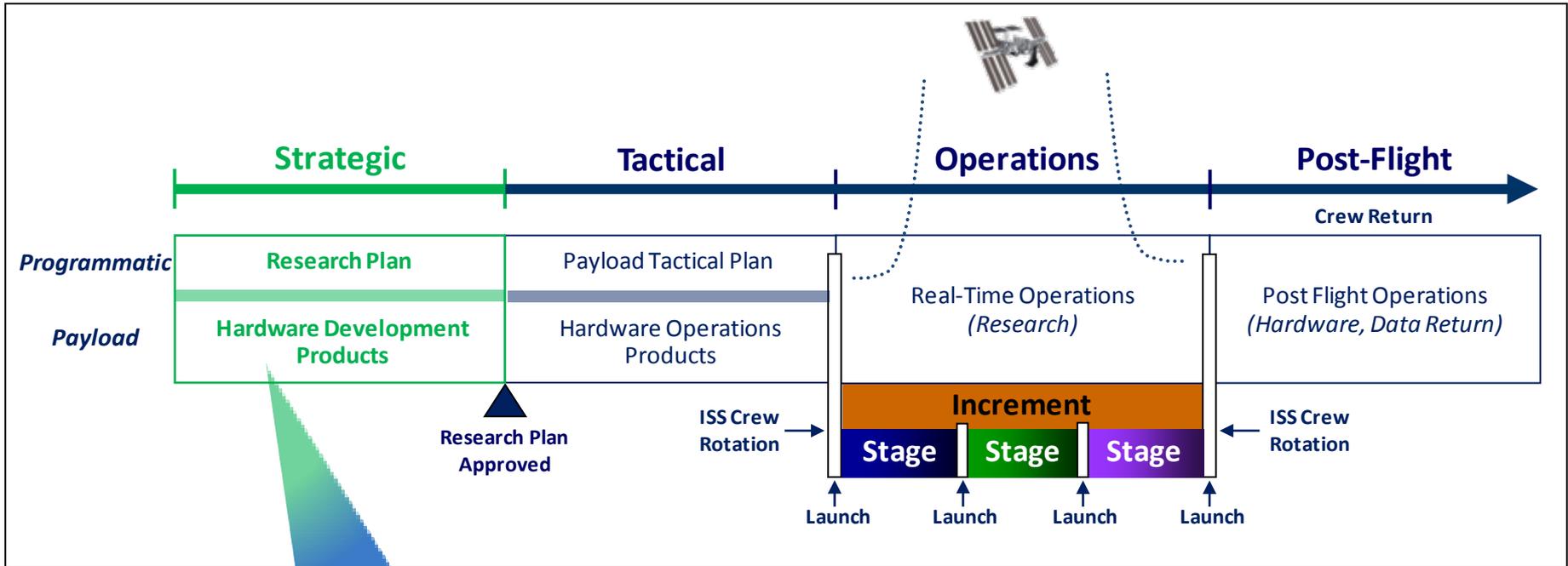


Sponsoring Organization (Funding Source)	Selecting Organization	ISS Integration Contact
Human Research Program (NASA-funded)	NASA: Mike Barratt	Cindy Haven, NASA JSC
Space Life and Physical Sciences Research and Applications - Physical Science (NASA-funded) - Life Science (NASA-funded)	NASA: Brad Carpenter	NASA Research Manager (tbd), NASA/JSC
Astrophysics, Heliophysics, Space & Earth Sciences (NASA-funded)	NASA: Paul Hertz / Selecting Division Director	George Nelson, NASA/JSC
Technology Development (NASA-funded)	NASA Agency Sponsor Requesting the Technology	George Nelson, NASA/JSC
ISS National Laboratory (Other government agency funded, non- profit / commercially funded)	The Center for the Advancement of Space in Science (CASIS)	Marybeth Edeen, NASA/JSC
Education	CASIS or NASA Education	Marybeth Edeen, NASA/JSC





PHASE 2: STRATEGIC PLANNING



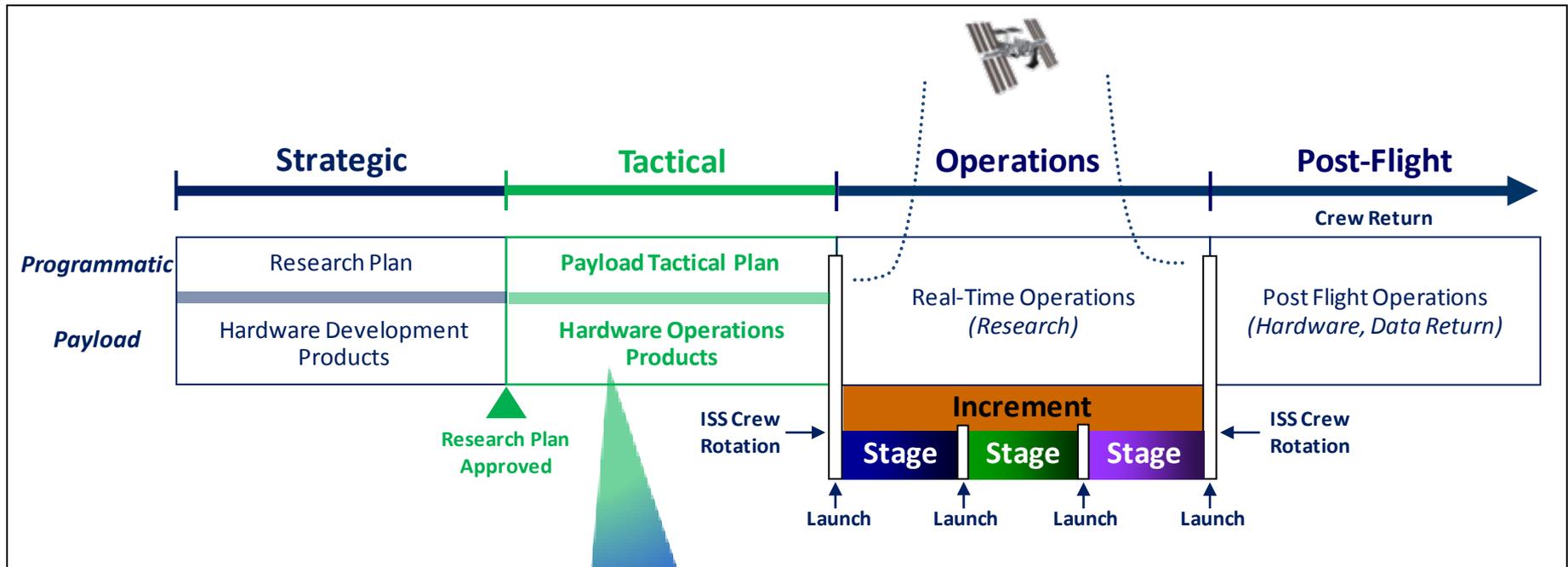
Payload Developer Inputs

- WHO: Points of Contact
- WHAT: Requirements Definition
- WHEN: Operations Plan
- WHERE: Launch and On-Orbit Requirements
- WHY: Investigation Objectives





PHASE 3: TACTICAL PLANNING



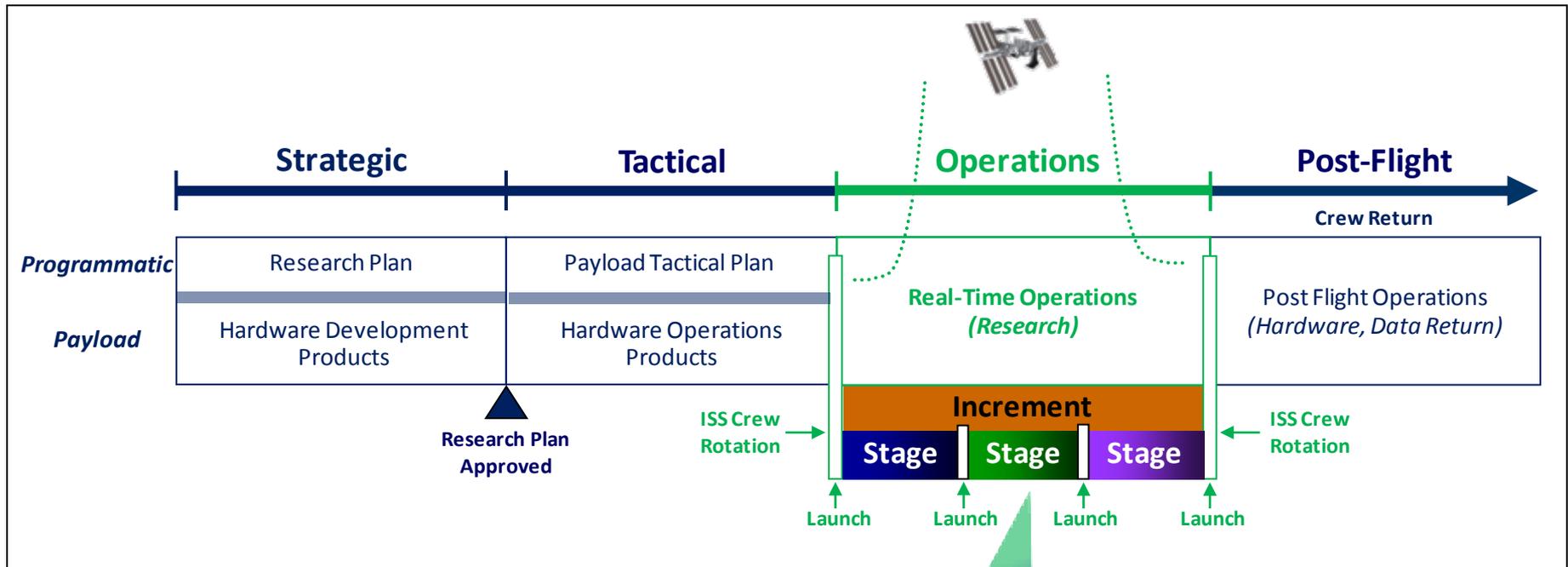
Payload Developer Inputs

- Changes to Baselined Research Plan
- Training Products and Procedures
- Safety Review Packages
- Hardware Verification Data
- Software Verification Data





PHASE 4: OPERATIONS



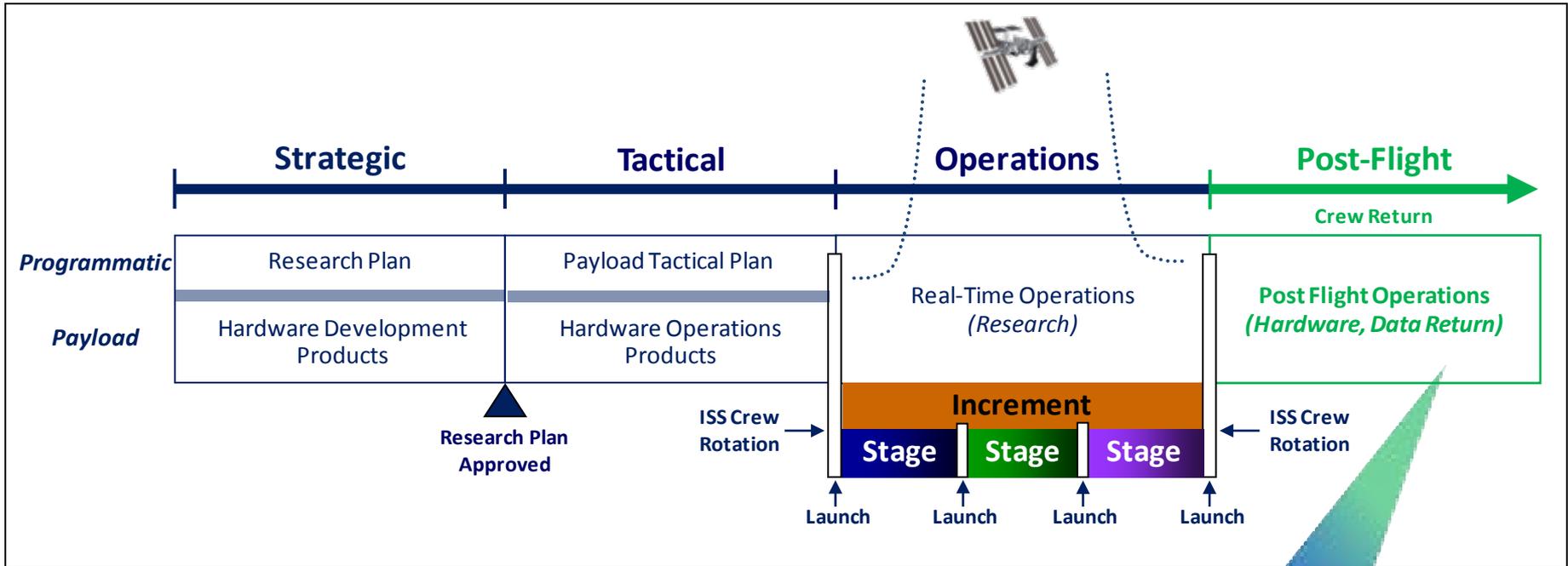
Payload Developer Inputs

- Investigator Participation Real-Time (e.g., Console Operations)
- Crew Conferences
- Anomaly Resolution
- Data Collection and Sample Return





PHASE 5: POST-FLIGHT



Payload Developer Inputs

- Research Summary Updates
- 30-Day Reports
- Formal Publications





ACRONYMS



ASI	= Agenzia Spaziale Italiana
CASIS	= The Center for the Advancement of Space in Science
CSA	= Canadian Space Agency
DoD	= Department of Defense
ESA	= European Space Agency
HEOMD	= Human Exploration Operations and Mission Directorate
ISS	= International Space Station
JAXA	= Japan Aerospace Exploration Agency
JSC	= Johnson Space Center
NIH	= National Institutes of Health
OCT	= Office of the Chief Technologist
SMD	= Science Mission Directorate
Tech. Dev.	= Technology Development

