Space Operations Mission Directorate Update

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• All of the SOMD functions have important roles for exploration
• Space Shuttle - must effectively transition critical assets and skills
• ISS - serves as a testbed for research and operations
• Space Communications and Navigation - provides critical data and navigation services, develops interoperability standards and protocols.
• Launch Services Program - Provides launch vehicle for LRO/LCROSS and all SMD missions.
• Rocket Propulsion Test (RPT) - Facilitates the integration of test requirements across NASA and DOD test facilities.
• Crew Health and - Providing critical crew health standards and data for long range exploration.
• **STS-122** just landed
  – Installed ESA’s Columbus Laboratory
• **STS-123** launch planned for March 11
  – Will deliver the Canadian Special Purpose Dexterous Manipulator (SPDM) and JAXA’s Kibo logistics module.
• **STS - 124**
  – Will deliver JAXA’s Kibo laboratory module
• **STS-125**
• **Major milestone of integration of major partner elements. Full integrated international operations**
Managing an Effective Transition

- Much more from Jon Olson and Joel Kearns later in the conference.
- Driving goal is to get issues on the table - some need to be resolved now - others can wait - but must get all on the table
- Need to understand Cx needs for assets, skills and facilities
- Utilizing today’s contracts to facilitate tomorrows work
- MPIM - next chart
The Second Transition

• SOMD is in a unique role  
  – Transitions capabilities to Constellation  
  – Cx systems transition to SOMD as operator

• ESMD/SOMD working to define the appropriate roles and responsibilities for operations functions and organization.

• Expect further definition by this summer.  
  – Need to start driving budget formulation