



Jet Propulsion Laboratory STI Update – 2010 Year Review

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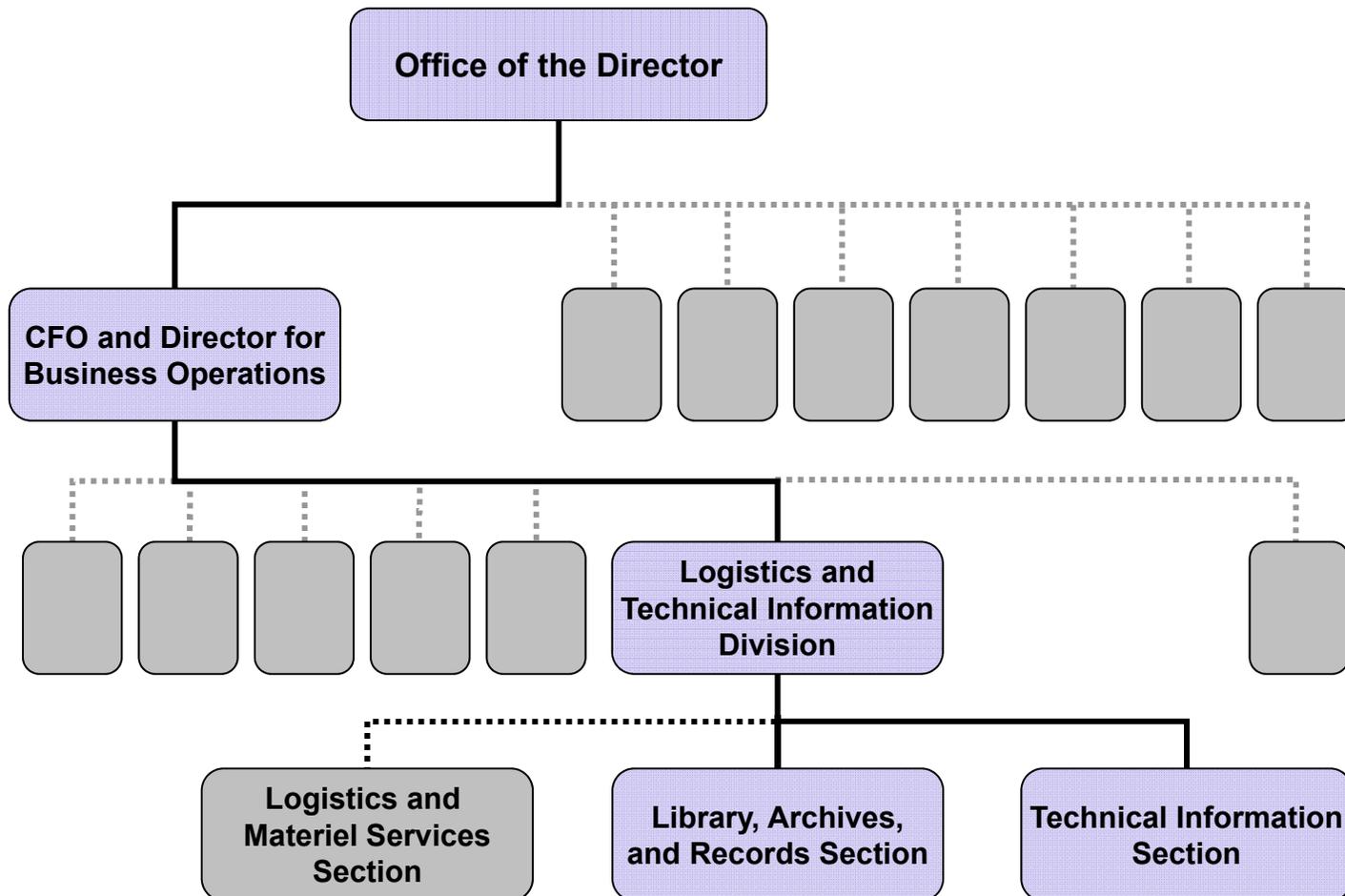
May 5, 2011

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JPL STI Activities: Overview

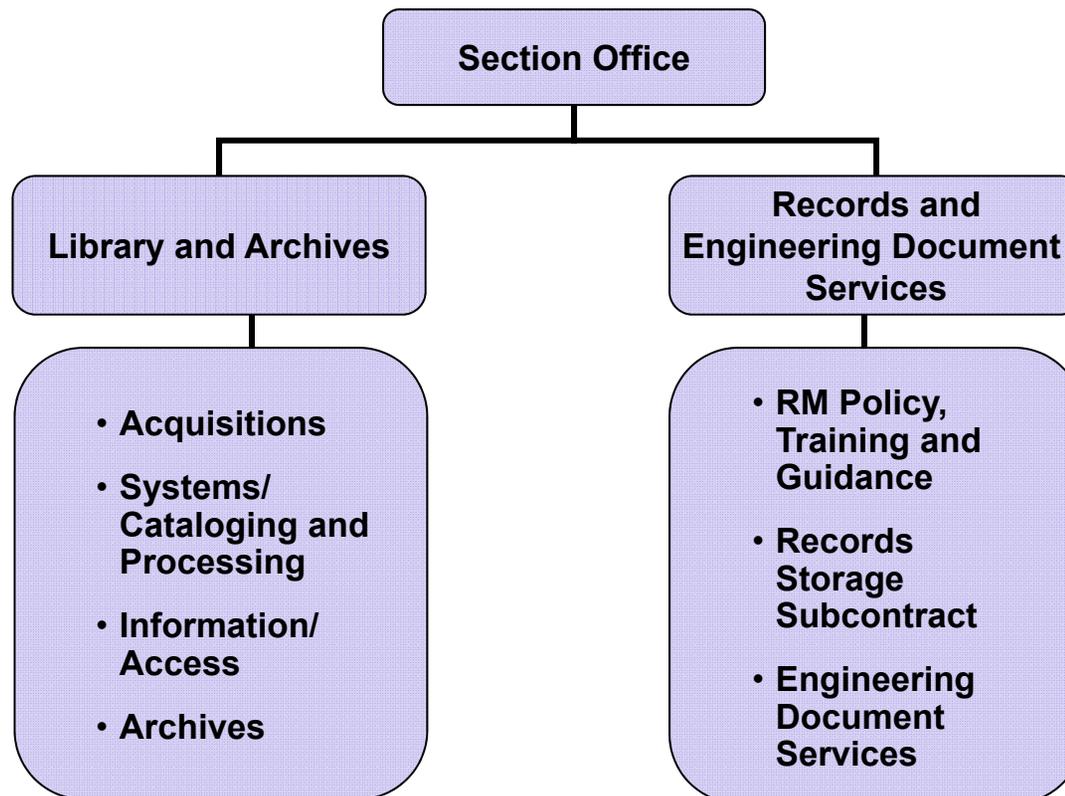
- Library, Archives, and Records Section
- Technical Information Section
- Provide library, publishing, photographic imaging, and printing/duplicating/copying activities

JPL STI Activities: Organization



JPL STI Activities: Organization

Library, Archives, and Records Section



Library Activities

Achievements

- *Launched Information Commons website*
- *Physical space renovated to become [The Hub at BEACON Information Commons](#)*
 - *Presentation at Computers in Libraries 2011*
 - *New programs in the space: IT Petting Zoo loans, OCIO Programs, Bring your Child to Work Day*
- *Web-based customer satisfaction survey*
- *Google Searching and Finding Project Information presentations*

Measures of Success

- *Downloads from e-journals*
- *Attendance at talks and training*
- *Customer satisfaction surveys*

On the Horizon

- *Mobile website*
- *OCLC web scale management services*
- *NESC Entry Descent and Landing Repository content and enhanced metadata to STI*
- *Science data workshop*



BEACON *information* COMMONS

JPL LIBRARY, ARCHIVES AND RECORDS SECTION

HOME

- Search
- Services
- Programs
- Archives
- Records & Engineering Document Services (EDS)
- Marking&Handling
- JPL Authors
- News & Events
- Login with JPL Username



- The BEACON*
- Information
 - Commons:
 - Community
 - Collaboration
 - Research

Historical Photo of the Month



Engineer Ted Metz holds a Ranger midcourse correction motor.
[View the Historical Photo of the Month](#)

- JPL Stories
- Did you Hear?
- New Arrivals

NEWS

- 10,000 Electronic Books from JPL Library
- Knowledge, networks, and nations: the international science landscape in 2011
- Ebooks on MATLAB
- Office 2010 and Office 2011 Books at IT Bookstore

[View All News](#)



EVENTS

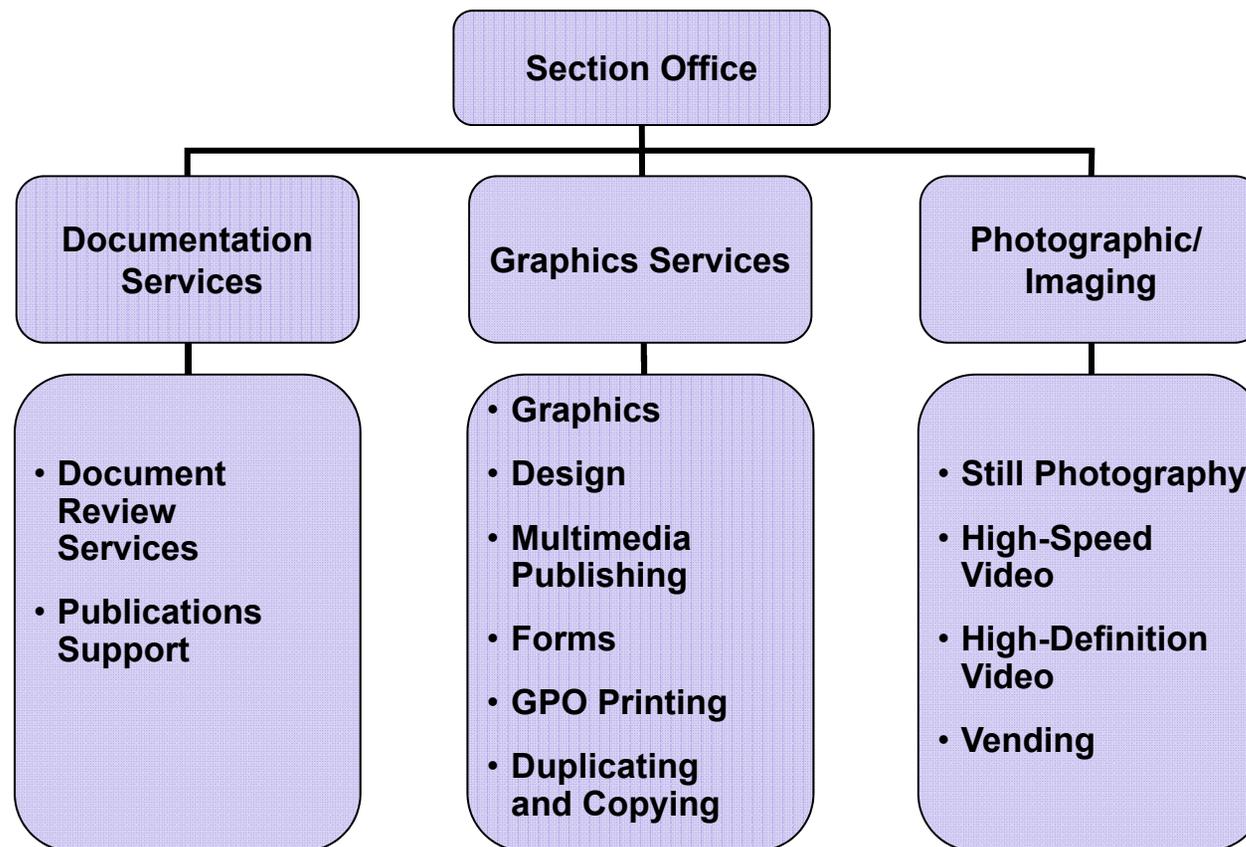
- May 4, 11:30am, JPL Library Orientation
- April 28, Bring Your Kid to Work Day, Image Galore at the Hub, 9-11 am
- April 27, 11:30am, JPL Library Orientation
- April 27, Finding JPL Project Information, 12-1pm, 321-127

[View All Events](#)



JPL STI Activities: Organization

Technical Information Section



Technical Information Section

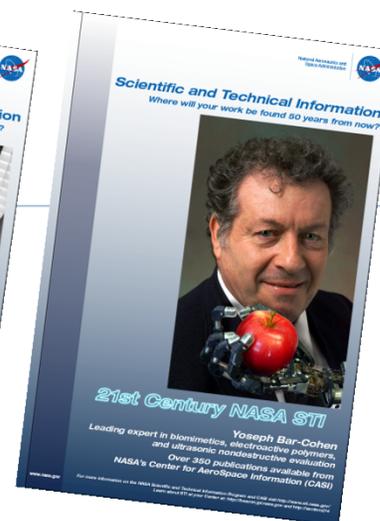
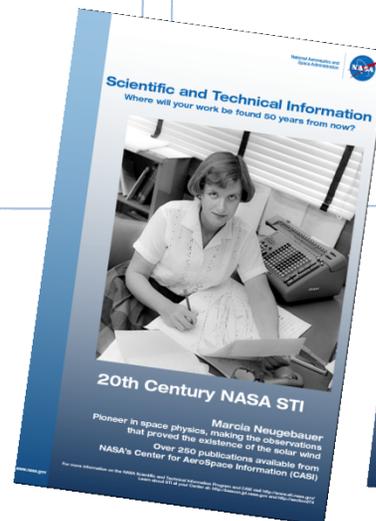
Measures and Future

Measures of Success

- *Web-based customer satisfaction survey feedback is very positive*
- *Consolidated three service centers in October 2010, improving internal collaboration and reducing customer costs*
- *Increased JPL awareness of STI Program*
 - Provided annual Lab-wide training
 - Worked with many authors one on one
 - With the Library, co-hosted NASA-CASI visit in November 2010 (with Kim Lyall, Nick Fry, and Gerald Steeman) and provided forum to meet JPL authors

On the Horizon

- *Four launches in 2011 requiring documentation, technical photography, and duplicating support*
- *Collaborating with NASA on a new Prime Contract effective April 1, 2012*



Publishing Activities

Achievements

- *Produced key publications/websites, including*
 - NASA-chartered assessment reports on James Webb Space Telescope
 - *JPL 2009 Annual Report*
 - 20 JPL Publications, including *NASA 2009 Body of Knowledge (BoK) Carbon Nanotube Technology*
 - *Microdevices Laboratory* website <http://microdevices.jpl.nasa.gov>
 - *Cassini Solstice Mission* website <http://saturn.jpl.nasa.gov>

Achievements (cont)

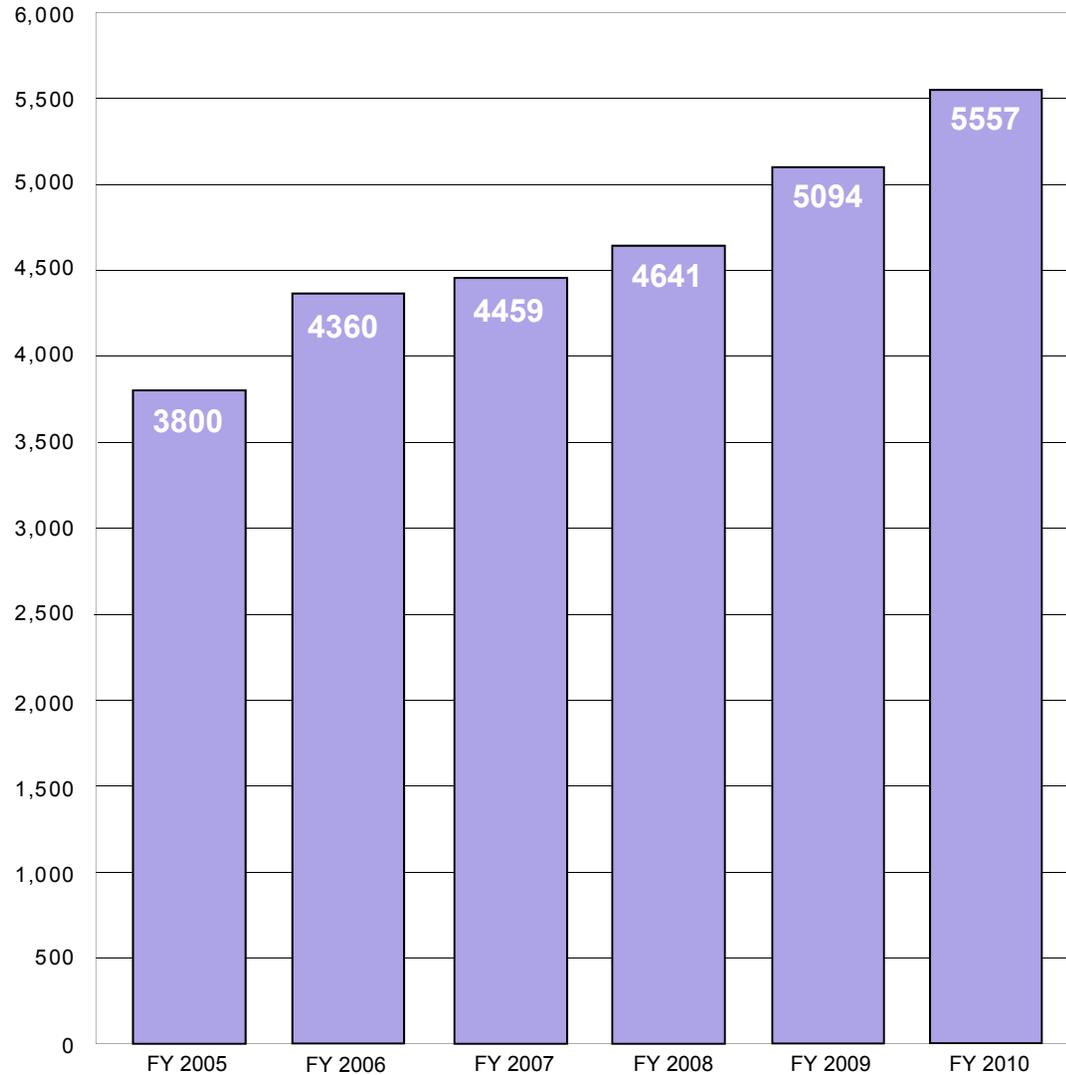
- *Supported conference/meeting activities, including*
 - American Geophysical Union (AGU) Fall Meeting
 - Keck Institute for Space Studies (KISS) Innovative Approaches to Exoplanet Spectra Workshop
 - Genetic Inventory of Spacecraft and Associated Environments Workshop
 - Institute of Electrical and Electronics Engineers (IEEE) Aerospace Conference
 - Society of Photo-Optical Instrumentation Engineers (SPIE) Astronomical Telescopes and Instrumentation Conference

On the Horizon

- *Will evaluate tools—such as SharePoint and Microsoft Office—for improved collaborative authoring*

2010 Publications Output

Number of Requests Cleared

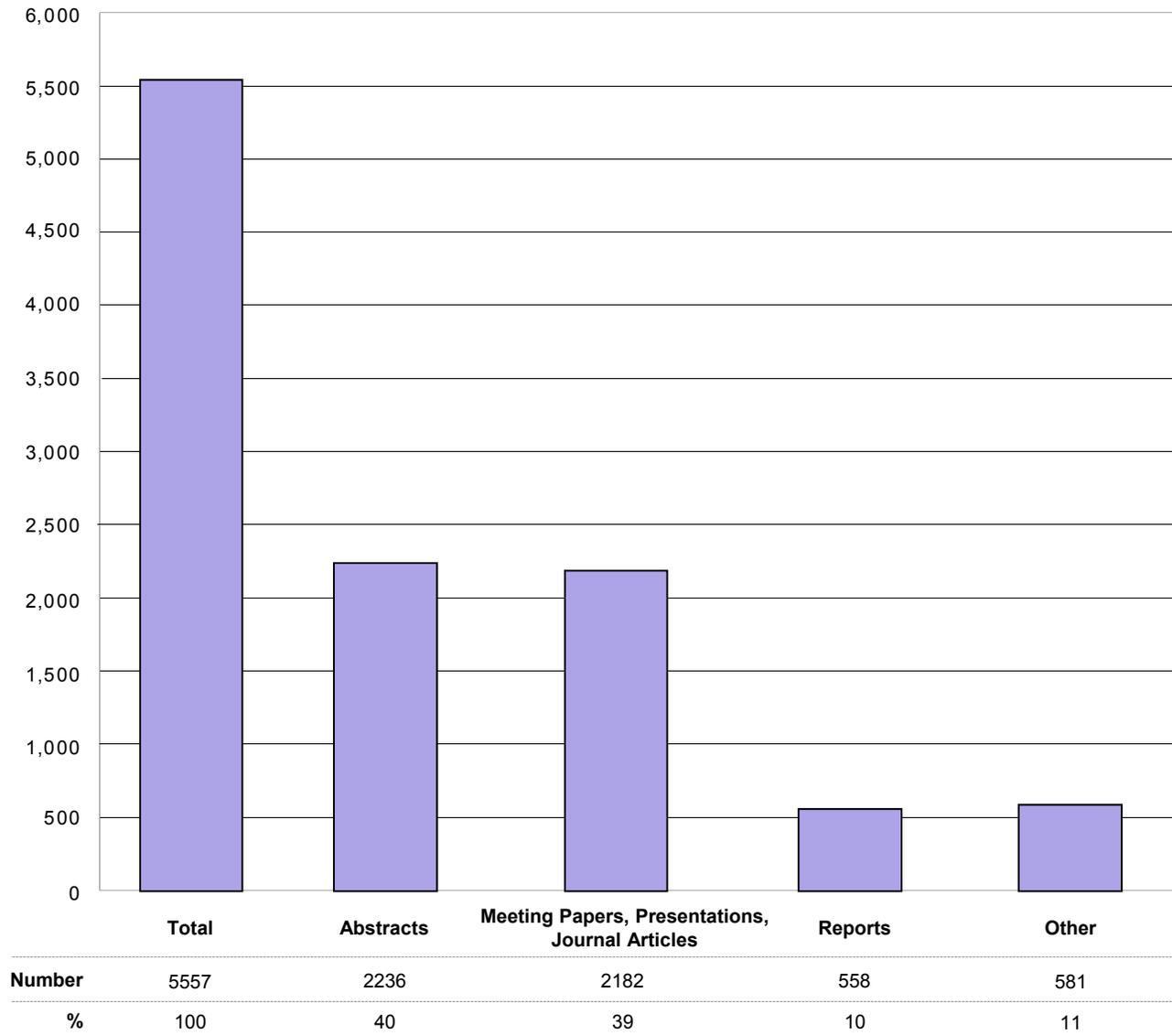


Percentage Increase in 2010

From Year	%
2009	9
2005	46

2010 Publications Output (cont)

Number of STI Types Cleared (2010)



Photographic Imaging Activities

Achievements

- *Extensive high-speed video support to Mars Science Laboratory, including*
 - Remote time-lapse coverage of MSL hardware being assembled in the Spacecraft Assembly Facility
 - High-speed video of drop tests, mortar tests, pyro tests
 - Extensive still images of Rover tests
- *Other high-speed video support to projects, including*
 - Juno
 - Supersonic Inflatable Aerodynamic Decelerator (SIAD)

On the Horizon

- *New database enabling central storage of flight images being piloted on MSL ATLO*
 - Uploading all MSL images from past 4 years
- *Continuing real-time support, including*
 - High-speed, time-lapse, still, and video image capture
 - Outreach products
 - High-visibility event support

Printing, Duplicating and Copying Activities

Measures of Success

- *2,664 scientific and technical documents were reproduced in FY 2010*
- *5-year contract with IKON Office Solutions for on-site support became effective February 1, 2010*
- *Web-based copiers/MFDs survey indicated very positive (~93%) customer response for FY 2010*
- *Approximately \$250K of commercial printing was procured through GPO*

On the Horizon

- *New NASA-wide ACES contract for copiers/MFDs has been awarded. More than 270 copiers/MFDs will be replaced during the first quarter of 2012*

Questions to STIPO, CASI, and Other Centers

