

Jet Propulsion Laboratory STI Update – 2011 Year Review

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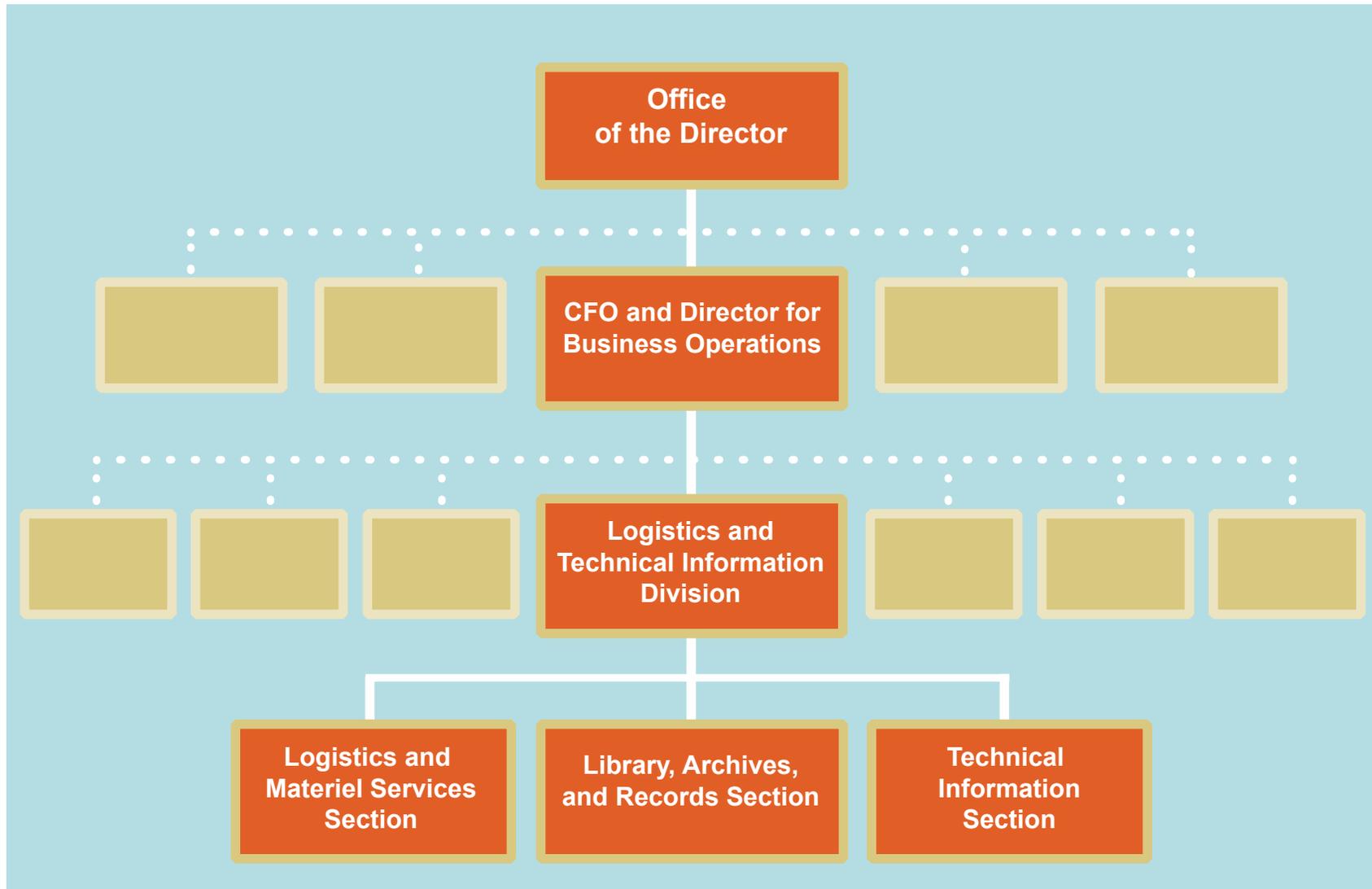
Jet Propulsion Laboratory, California Institute of Technology

JPL STI Activities: Overview



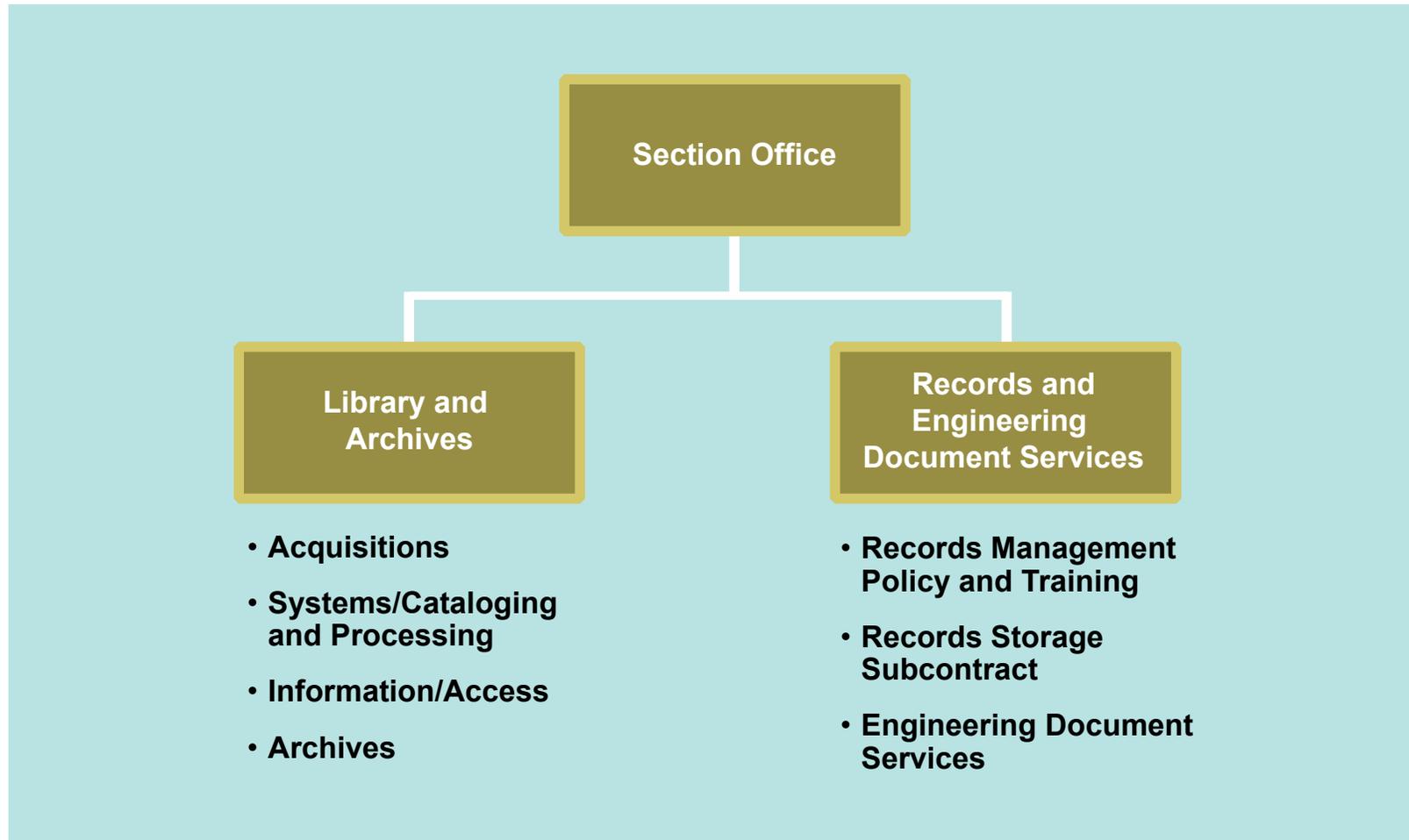
- Library, Archives, and Records Section
- Technical Information Section
- Provide library, publishing, photographic imaging, and printing/duplicating/copying activities

JPL STI Activities: Organization



JPL STI Activities: Organization

Library, Archives, and Records Section



Library Activities

Achievements

- *Transitioned integrated library system from SirsiDynix to OCLC WorldShare Management Services*
- *Launched mobile website*
- *Implemented Reference Effort Assessment Data (READ) Scale for Library Reference Service*
- *Implemented Customer Interaction Log for all staff*
- *Improved processes for FOIA internal liaison*

Measures of Success

- *Download metrics from e-journals and books*
- *Customer interaction logs (and comments)*
- *Customer satisfaction surveys*

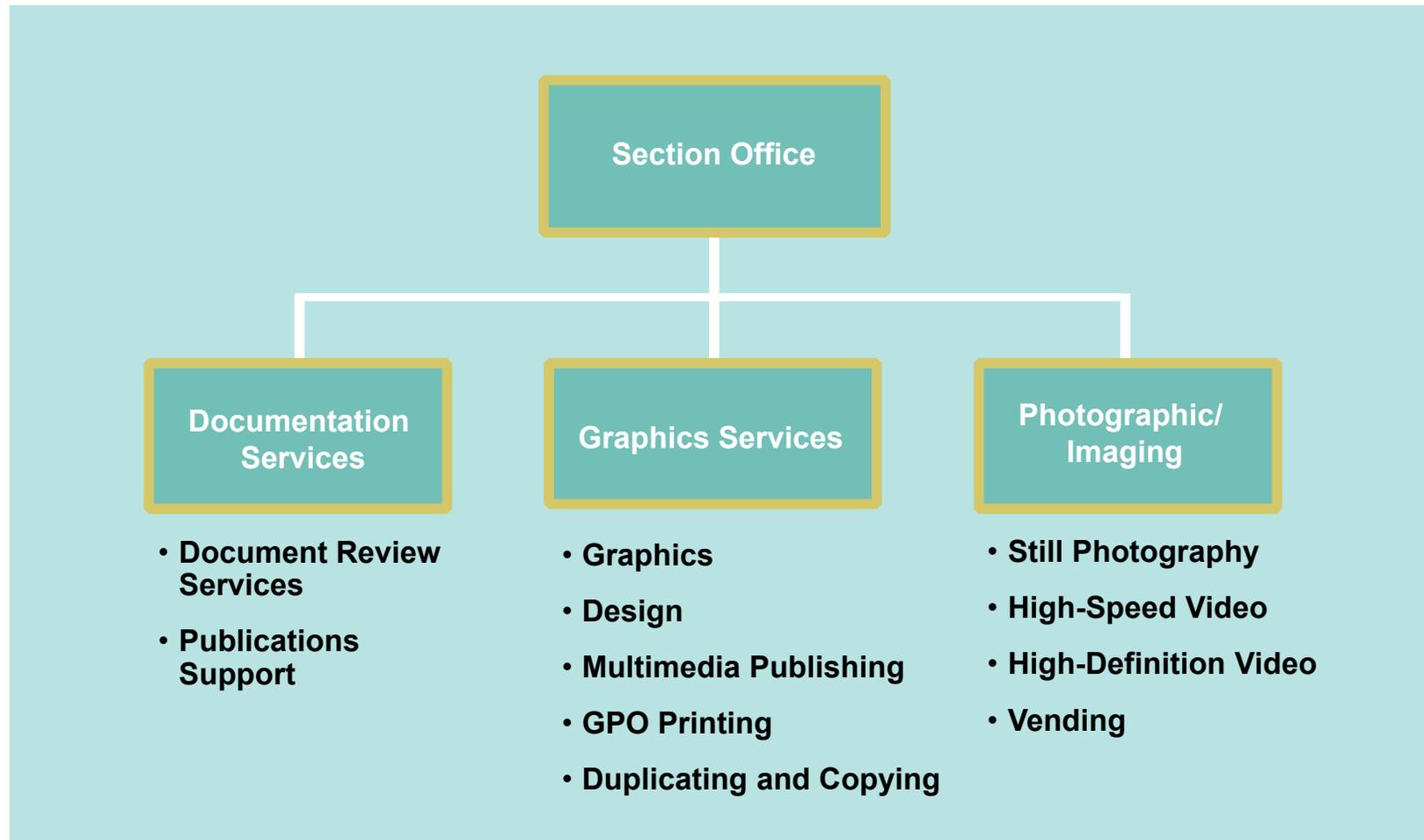
On the Horizon

- *New version of the JPL Authors Database*
- *JPL-wide rollout of tool for capturing photos and images*
- *NASA Engineering and Safety Center Entry, Descent, and Landing Repository final report*
- *New version of JPL Taxonomy*



JPL STI Activities: Organization

Technical Information Section



Technical Information Section

Measures and Future

Measures of Success

- *Web-based customer satisfaction survey feedback continued to be very positive*
- *Consolidated service center (documentation, graphics, photographic, and duplicating services) continued to improve internal collaboration while managing customer costs*
- *Increased JPL awareness of STI Program by continuing to provide annual Lab-wide training and work with authors and managers across the Laboratory*
- *Continued to collaborate with NASA on a new Prime Contract effective October 2012*

On the Horizon

- *Nuclear Spectroscopic Telescope Array (NuSTAR) launch, Mars Science Laboratory (MSL) landing, and Voyager and Mariner launch anniversaries in 2012 will require documentation, technical photography, and duplicating support*



Publishing Activities

Achievements

- *Produced key publications/websites, including*
 - *JPL 2010 Annual Report*
 - *31 JPL Publications and 2 NASA documents, including [Vehicle-Terrain Interaction Modeling and Validation for Planetary Rovers](#), and [Radio Frequency Technologies in Space Applications](#)*
 - *Interplanetary Network Progress Report*
 - *High-visibility websites, including [Cassini Solstice Mission](#), [Airborne Visible / Infrared Imaging Spectrometer \(AVIRIS\)](#), and [Venus Colloquium Series](#)*

Achievements (cont)

- *Supported conference/meeting activities, including*
 - *American Geophysical Union (AGU) Fall Meeting*
 - *Institute of Electrical and Electronics Engineers (IEEE) Aerospace Conference*
 - *European Planetary Science Congress (EPS) and Division for Planetary Sciences (DPS) of the American Astronomical Society (AAS) Joint Meeting*
 - *Society of Photo-Optical Instrumentation Engineers (SPIE) Optics and Photonics Meeting*
 - *Lunar and Planetary Science Conference*

On the Horizon

- *Helping to develop JPL Defined: A Look Inside the Jet Propulsion Laboratory, a profile of JPL's history, achievements, and future*

2011 Publications Output

Number of Requests Cleared

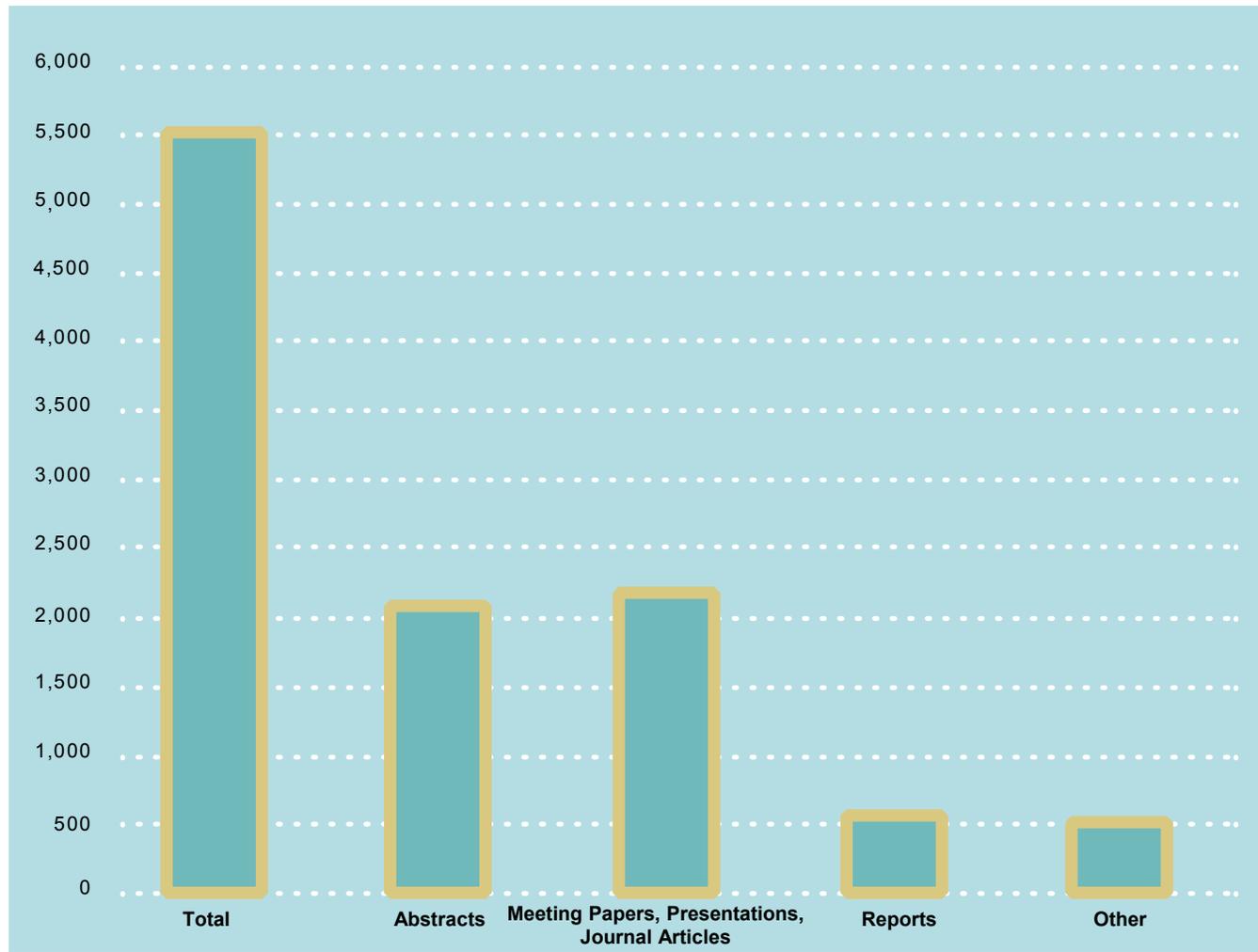


Percentage Change in 2011

From Year	%
2010	-1
2009	+8
2008	+19

2011 Publications Output (cont)

Number of STI Types Cleared (2011)



Number	5520	2148	2252	613	507
%	100	39	41	11	9

Photographic Imaging Activities

Achievements

- *New database for central storage of flight images was piloted*
 - Uploaded all MSL images from past four years
- *Extensive high-speed video support to MSL*
 - Remote, network-controlled time-lapse coverage of hardware assembly
 - High-speed video of drop, touchdown, and full-motion deployment tests
 - Extensive still images of Rover tests and closeout photos
- *Other photographic support to*
 - Dawn, Jason-3, Low Density Supersonic Decelerator (LDS), Near Earth Object Surveyor, Stardust-NExT, Orbiting Carbon Observatory-2
 - High-visibility event and VIP coverage

On the Horizon

- *Continuing photographic 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

- *2,832 scientific and technical documents were duplicated in FY 2011*
- *One year into five-year contract with IKON Office Solutions for on-site duplicating support*
- *IKON's customer surveys were 100% favorable*
- *Approximately \$300K of commercial printing was procured through GPO in FY 2011*

On the Horizon

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



Questions to STIPO, CASI, and Other Centers

