



Jet Propulsion Laboratory STI Update

May 23, 2002



Recommendation Accepted: Expand current partnership with Caltech Library System

Implications

- Maintain physical library space and collection at JPL
- Refocus library priorities and activities at JPL
- Look to Caltech FIRST before other collaboration but continue other partnerships where they are advantageous
- Take advantage of Caltech's innovative technologies
 - Explore interlibrary loan and document delivery options
 - License SFX to link databases and electronic journals
 - Explore partnership on open archives digital collections

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FY02

- Extensive weeding of subscriptions and moved to electronic only subscriptions to save money
- Midyear decrease in library and clearance budgets

FY03

- Projected decrease in library and clearance budgets
- Focus is on maintaining essential services with little or no impact to customers
- Protecting electronic journals and funding clearance activities are priorities
- Publications support (e.g., editing/production) operates on chargeback; therefore, budget reductions do not directly impact them

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- **JPL Technical Reports Server**
 - Started in August 1996
 - Includes abstracts and open literature
 - Number of online documents ~12,500
(~2,500 documents added April 2001 to April 2002)
 - Number of hits: ~172,000 since May 1997
(~40,000 hits April 2001 to April 2002)
- **Cleared for external release**
 - ~3250 documents and abstracts (April 2001 to April 2002)

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- **Improve clearance process**
 - Move from email- to web-based process
 - Reduced average turnaround time from 2.7 days (FY01) to 2.46 days (FY02 to date) by reducing handoffs
- **Upgrade JPL Technical Reports Server**
 - Participating in NASA-wide Open Archives Initiative
 - Authorized CASI to download documents (for government use only)
- **Improve document management**
 - Consolidating databases of metadata and documents published internally and externally
 - Eliminating redundant data entry
 - Improving online access

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- **Catalog of Authors and Publications**
 - Complete (1990 -), searchable bibliographic database
 - Data from ISI and other databases on test server
 - Full text
 - Bibliometric functionality
 - Accessible across JPL and publicly
 - Now evaluating COTS software
- **Consultation Program**
 - Developing ongoing relationships with line organizations to market existing services and to develop targeted services that meet their needs
- **National Research Library Alliance (Naval Research Library)**
 - Investigating membership to facilitate one-stop shopping, including Elsevier and Academic Press

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CIO UPDATES

- **JPL Electronic Archives**
 - Proposal submitted for development of long-term access to "archived" project information (STI and Knowledge Management activity)
- **NASA Knowledge Management Team**
 - Launching efforts to develop an Agency-wide taxonomy and metadata standards
 - Requesting participation from STI
- **SRR 67: Web Services**
 - Launching an effort to create an information architecture for the Agency
- **NASA Portal**
 - Deploying portals for inside (InsideNASA) and public (MyNASA) users, as well as for communities such as science, engineering, e-learning, and e-education
- **Design Knowledge Capture**
 - Creating tools and methods to capture design decisions as they occur and share those with that project and future projects

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ISSUES OR CONCERNS

- **Maximizing synergies between STI and Knowledge Management**
 - Portal content
 - Taxonomy
 - Metadata collaboration
- **Streamlining mass buy/group purchasing**
- **Increasing journal costs exceed inflation**

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