

# CrossRef Member Update

Ed Pentz, Executive Director  
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## *Members, Affiliates and Agents*

Members: 212 (<http://www.crossref.org/01company/06publishers.html>)

Affiliates: 24 (<http://www.crossref.org/01company/08intermediaries.html>)

Agents: 9 (<http://www.crossref.org/01company/08intermediaries.html>)

Library Affiliates: 87 (<http://www.crossref.org/01company/07libraries.html>)

## *Statistics*

Journals: 7900 (7600 in April)

Total Records: 7,924,475 (7,458,490 in April)

May DOI resolutions: 3,458,983

Linkers: 98 (we still need to increase this number!)

Depositors: 187

Deposits YTD: **298,642** current year and **1,134,476** backfile

Queries YTD: **52,167,284** (references submitted to match DOIs)

Matches YTD: **11,066,606** (number of DOIs returned)

Overall Match Rate: **21%**

## *CrossRef Annual Meeting and Technical Working Group Meeting, September 16 & 17*

The Annual Meeting is September 16<sup>th</sup>, 2003 and will be held at IEE's Savoy Place, London. Meeting information and an online registration form will be available at the end of June. We are happy to announce that there will be a reception at the British Library on the evening of September 15<sup>th</sup>. On September 17<sup>th</sup> there will be a general technical meeting for CrossRef members to review current functionality and provide input on future developments for 2004.

## *1<sup>st</sup> Quarter Financials*

<u>Income Statement:</u>	<u>First Quarter</u>			<u>Full Year</u>		
	<u>2003</u> <u>Actuals</u>	<u>2003</u> <u>Budget</u>	<u>2002</u>	<u>2003</u> <u>Forecast</u>	<u>2003</u> <u>Budget</u>	<u>2002</u>
Revenues	787	606	392	2,465	2,424	2,068
Expenses	393	497	324	1,998	2,100	1,536
Operating Income	394	109	68	467	324	532
New Initiatives	-	25	-	25	50	108
<b>Oper. Inc. Incl. New Initiatives</b>	<b>394</b>	<b>84</b>	<b>68</b>	<b>442</b>	<b>274</b>	<b>424</b>
Interest Income (Expense)	(22)	(24)	(16)	(94)	(100)	(103)
<b>Net Income</b>	<b>372</b>	<b>60</b>	<b>52</b>	<b>348</b>	<b>174</b>	<b>321</b>

2002 Full Year Actuals are subject to revision based on completion of the audit.

The first quarter of the year generated \$787,000 of revenue. Compared to budget and the comparable quarter last year, revenues demonstrated significant growth increasing by \$181,000 (30%) and \$395,000 (101%), respectively.

The strong revenue growth in the first quarter 2003 reflected continued high retrievals by members and local hosting fees. Deposits, while good, were under budget by 20%. Deposits tend to be lower in January and February but then increase in subsequent months. Deposits are expected to be at or close to budget in future quarters but if they aren't, then revenue will be lower than estimated.

Revenue for future quarters will not be as high as the 1<sup>st</sup> quarter. A few members queried references from their backfiles, a one-time event, so the number of queries will be lower in subsequent quarters.

The first quarter operating expenses (under-budget by \$104,000), coupled with above-budget revenue, contributed to very strong operating income of \$394,000. This was \$285,000 over budget and \$326,000 ahead of last year. Expenses for this quarter (under-budget largely due to timing issues such as travel and marketing spending) should be at the budget in future quarters.

CrossRef must start paying off its start up loans in 2004 and has an accumulated deficit from the first two years of losses. In addition, CrossRef is investing in system improvements, so while the financial picture looks stable, there is still a long way to go.

### ***CrossRef Board Meeting***

CrossRef held a board of directors meeting on May 13<sup>th</sup> in Amsterdam preceding the STM Spring meeting. Updates on board decisions are provided below in the relevant sections of the Update. The next board of directors meeting is July 29<sup>th</sup> in New York.

### ***CrossRef Fees***

In order to encourage DOI use the board voted to waive the current \$500 fee for libraries immediately and to eliminate the fee in 2004. No refunds will be given but CrossRef stopped charging the library fee in mid-May.

The Membership and Fees Committee of the board has been undertaking a strategic review. The board reviewed a new fee structure at its meeting on May 13<sup>th</sup>. Two goals of the new structure are to spread the costs of the CrossRef system fairly across members and affiliates and remove barriers to the use of DOIs (since use of the DOIs will benefit readers of online content and drive traffic to CrossRef members' content). A new fee structure has not been approved but the board voted to endorse the elimination of the retrieval for members and affiliates as a fundamental aspect of a new fee structure. If approved, the new fee structure will be presented to members in September at the Annual Meeting and come into effect January 1, 2004.

Some of the main points of the new fee structure are:

- The annual membership will be based on total publishing revenue of the member and should account for a high percentage of overall CrossRef revenue
- Retrieval fees will be removed to encourage the lookup and use of DOIs

- Deposit fees will be raised to cover the loss of revenue from retrieval fees
- Affiliates will pay a flat annual fee and no retrieval fees
- Libraries will pay no fees but must agree to basic terms and conditions for use of the system

Some publishers have asked about the fees for 2004 since they are budgeting for 2004. In order to give some idea of the fee structure, a table of **proposed** fees is included below. **NOTE: the fees are still subject to change and have not been approved.**

#### **Annual Membership**

<b>Total Publishing Revenue</b>	<b>Fee</b>
<\$2 million	\$ 250
\$2 million - \$10 million	\$ 1,000
\$10 million - \$50 million	\$ 3,000
>\$50 million	\$ 15,000

<b>Deposit</b>	<b>Fee</b>
Current	\$ 1.00
Backfile	\$ 0.20

#### ***CrossRef Search***

A report on the CrossRef Search Prototype and End User Survey will be provided to members prior to the Annual Meeting in September. There was a lot of positive feedback about a CrossRef Search service but there were also a range of issues that highlighted the difficulties of providing such a service. At this point CrossRef won't be moving ahead with creating a central search service. A board committee will consider whether there is a role for CrossRef to facilitate members working with third parties on an optional basis rather than building a service itself.

#### ***Business Development Update***

CrossRef has moved forward with its Vendor Alliance Page – <http://www.crossref.org/02publishers/vendors.html>. Check this page for organizations that can help with CrossRef deposits and reference linking. Let us know if there are organizations you work with who could be added to the list.

#### ***CrossRef Presentations, Ads, Articles***

Look for presentations on CrossRef this spring/summer at STM, SSP, CSE, ALA, and LIBER; ads in Serials (UKSG), Library Journal, Academic Newswire, Information Today, Against the Grain, and Information Outlook (SLA); and articles in the AAUP Exchange and Research Information.

#### ***CrossRef System***

*IDF Application Profiles* – the DOI Foundation released version 3.0 of the DOI Handbook - <http://dx.doi.org/10.1000/182>. The Handbook has been substantially revised (and is shorter!) and contains a detailed explanation of the new Application Profile system and the DOI API (application programming interface). These developments will be the basis for services such as multiple resolution and interoperability among the RAs. Chuck Koscher, CrossRef Director of

Technology, has written a short analysis of the DOI API from CrossRef's point of view - [http://www.crossref.org/08downloads/AP\\_assesment\\_v2.pdf](http://www.crossref.org/08downloads/AP_assesment_v2.pdf)

*XML Schema*- many members have switched or are working on the switch to the new XML schema. At test parser and instructions are available at <http://www.crossref.org/06members/55InstructionsforNewSchema.html>. **\*\*After August 1, 2003, the existing DTD will no longer be valid for deposits.\*\* Please contact Chuck Koscher, [ckoscher@crossref.org](mailto:ckoscher@crossref.org), if you have any problems or questions.**

*Forward Linking* – a description and specification for Forward Linking (i.e. providing “cited by” links using DOIs) is now available - [http://www.crossref.org/08downloads/forward\\_linking\\_v1.pdf](http://www.crossref.org/08downloads/forward_linking_v1.pdf). The board approved further investigation of forward linking technical and policy issues. This project will be presented at the Annual Meeting for review and discussion.

*Forward Matching/Alerting* - The board authorized CrossRef to proceed with “forward matching” – this is a service where CrossRef will store reference queries that don't match and automatically alert the submitter if the queries match in future. This will remove the need for members and affiliates to re-query references to see if items that did not match before now match because of new content being added to the system. For example, in 2001 Publisher A submits a reference to Journal of Good Science, volume 63, number 6, page 168 from 1997. The Journal of Good Science only has content from 2001 onwards so the query does not return a DOI. In 2002, the backfile of Journal of Good Science is added to CrossRef. With forward matching, Publisher A would be automatically notified and sent the DOI for the Journal of Good Science volume 63, number 6, page 168 when the content was added.

*DOI Conflicts and History Report* - DOI conflicts occur when two (or more) DOIs are deposited with the same metadata. One approach in resolving a conflict is to make one of the DOIs the prime and the other(s) into aliases that point to the prime. This approach has been used when a publisher desires to replace one DOI with another. On occasion we have found that the decision to create a prime/alias pair needs to be un-done, effectively 'undeleting' the aliased DOI. The conflict un-do function was created to accomplish this and when used re-instates the conflict which then needs to be resolved in another manner.

Since early March when conflicts started (before that DOIs having the same metadata were rejected upon deposit) there have been over 7000 created, which involve at least 14,000 DOIs. In order to keep track of all this conflict resolution and undo activity as well as to track which submissions update a given DOI, the History report has been created which allows a user to examine the transactions that affect a given DOI. In addition, owing to the large number of outstanding conflicts, we've created a conflict report that details by prefix the DOIs currently having un-resolved conflicts. Publisher's receive notices of each conflict in the deposit log message and will periodically receive additional reminders from the CrossRef administrator in the form of this new conflict report.

### ***IDF Update***

From the IDF Director's Report #54:

## **2.1 Membership**

We welcomed a significant new General Member in late April, an informal consortium of three major National Libraries - the British Library, Royal Dutch Library and the German Library (membership start date is 1<sup>st</sup> May 2003). A detailed press release was issued in April 9 (see web site) explaining that this is in anticipation of a proposal for membership being considered by the Conference of European National Librarians. The CENL Board of Directors will decide on formal IDF membership of CENL at its meeting in Vilnius in September. Our official representative is Johan Steenbakkers ([johan.steenbakkers@kb.nl](mailto:johan.steenbakkers@kb.nl)). This adds substantially to our visibility in the library community and to their involvement in our activities.

The total number of members therefore remains at 33 (6 Charter, 19 General, 6 RA + 2 Affiliate).

I'm pleased to announce that at our recent Board meeting we were able to approve the appointment of MEDRA, the EC multilingual DOI Registration Agency Project ([www.medra.org](http://www.medra.org)), which we have earlier endorsed as a development project, as a formal DOI RA, effective from 1 July 2003. This appointment has been possible through the creation of a legal entity which will succeed the MEDRA project at its completion in mid-2004, with a business plan and guarantees for several years forward. The appointment of MEDRA will take place from 1 July 2003, subject to completion of legal formalities etc.

MEDRA partners are: AIE – the Italian Publishers Association (co-ordinator); MVB – a company of the German publishers association, ISBN agency for German language area; SNE – French Publishers Association; Editrain – Spanish publishing services company; CINECA – Italian technology provider, a consortium of 18 Italian universities computing centres. MEDRA will initially offer services in Italy, Germany, France and Spain.

## **7.2 Articles**

Two notable articles which are full of praise for DOI have been published and are copied onto our web site with permission: An article by David Worlock "DOI: Starting a New Generation", published as EPS Update Note - <http://www.doi.org/news/EPS080503-DOIs.pdf>

An article by Patricia Seybold "Protecting your Digital Assets – Technical Journal Publishers Lead The Way Using Digital Object Identifiers"  
[http://www.doi.org/topics/Protect\\_Digital\\_Asset.pdf](http://www.doi.org/topics/Protect_Digital_Asset.pdf)

CrossRef will be meeting with MEDRA in June and exploring possible collaboration. CrossRef will also be attending the IDF annual meeting in New York in June.

## ***NISO News***

The OpenURL (<http://library.caltech.edu/openurl/>) was released as a Draft Standard for Trial Use on April 15, 2003. A patent issue arose in regards to the OpenURL and there is an official NISO statement about the issue at <http://www.niso.org/committees/OpenURL/OpenURL-patent.html>.

The first draft of the new ISBN standard is out for ballot and comment – NISO has a useful information page - <http://www.niso.org/standards/resources/ISBN.html>.