

# IEEE AESS Publications Supplemental Material

AESS BoG Meeting  
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## ● **Issues**

- **Open Access (OA)**
- **Partial XML tagging for rapid posting**
- **Full XML tagging beginning January 2014**
- **Change in vendor structure for Transactions**
- **Financial impact**

## • **Open Access (OA)**

- **OA means that an article is posted on IEEEXplore such that anyone (in the world) can download it freely and for free.**
  - the author will pay the charges
  - many or most Hindawi and Elsevier titles are OA now
- **About two years ago IEEE began to explore OA**
  - \$3000 per article
  - no takers
- **In September IEEE moved rapidly in the OA direction:**
  - an OA cross-content “mega journal” to appear soon
  - some journals will be OA-only
  - others will be “hybrid”: OA for \$1750 or “traditional” publication
  - IEEE commanded that
    - all IEEE societies modify their webs submission pages to offer OA
    - all IEEE societies advertise and promote OA in magazines
    - all IEEE societies ask at submission and again at acceptance for publication whether OA is desired

- **Open Access (cont.)**

- **IEEE trying to formulate its response to OA with financial studies, input from authors and volunteers ...**

- no plans for magazines to be OA
- letters and correspondence items are presently treated the same as full papers
- mandatory (over-length) and voluntary page charges are still collected and/or requested

- **Why the sudden move to OA?**

- **Research Council of the UK:**

- “Free and open access to publicly-funded research offers significant social and economic benefits. The Government, in line with its overarching commitment to transparency and open data, is committed to ensuring that such research should be freely accessible.”
- “In order to help the implementation of the policy, the Research Councils are introducing from April 2013 a new funding mechanism - a block grant to universities and eligible research organisations to cover the cost of article processing charges (APCs). ”

## • **Open Access (cont.)**

### • **Why the sudden move to OA? (cont.)**

#### • **February announcement from White House:**

- “In a long-awaited leap forward for open access, the US government said today that publications from taxpayer-funded research should be made free to read after a year’s delay.”

### • **What will the future at IEEE be?**

- based on conversations with IEEE staffers and others I think that IEEE will adopt the “delayed open access” model, as above, in about 2 years
- financial structure is unknown
- AES Transactions impact may be disproportionate
  - industrial authorship may drop to zero, unless ...
  - AESS grants waivers (bears costs) for industrial authors
  - IEEE recommends that we think about this

### • **For what it is worth: IEEE presently allows authors to post their own articles on their own websites**

- posting of the IEEEExplore version is prohibited

- **Partial XML tagging for rapid posting**
  - involves relatively straightforward metadata being entered for each article
  - the pre-posted article will be the author's submission, not the final version
  - the reason for rapid posting is to decrease sub-to-appearance time, and increase impact factor
  - we explored the issue with MTT (our typesetter) and they were reluctant: such XML data would be difficult for them to produce until the article was ready to appear
  - we are exploring the issue with EJPress (the web submission interface)
  - this may be a good opportunity to re-examine our Transactions publication chain

- **Full XML tagging beginning January 2014**
- **Change in vendor structure for Transactions**
  - **basically the whole article is entered in parallel as XML**
  - **useful for searching**
  - **IEEE requirement**
    - none of us had noticed it, very strange ...
  - **Bill Walsh is investigating the process**
    - our intention is to have an entirely new publications process
    - single vendor (copy editing and typesetting in one shop)
    - interested especially in IEEE and in Allen Press
    - will be bidding the procedure
    - when we did this for the magazine our costs dropped, perhaps this will happen here too

## ● Financial impact

- **there is no doubt that OA will eventually have very large effect on the “revenue” side of the budget**
  - costs will not change
- **IEEE has already taken steps to help its societies by absorbing much of the future impact itself**
  - up to mid-2000s IEEE took no overhead out of the ASPP (IEL, MDL, etc.)
  - then IEEE took an overhead of 20%
  - starting in 2014 the rate will be 30%
  - this appears as a decrease in costs in “Pursvc-Corp Recovery” on tab 1800 of 10budg\_0413.xls, from \$197k in 2013 down to \$58k
  - this is offset by a decrease in revenue in line “Subscriptions - APP/IEL/MDL” on tab 380 (Transactions), \$433k down to \$343k and the same line on tab 381 (Systems), \$164k down to \$132k
- **bottom line is a decrease in cost of \$139k against decrease in expense of \$122k**



## ● Financial impact (cont.)

- presently (for order of magnitude) IEL nets about \$180M per year, voluntary subscriptions about \$15M
  - clearly, this will decrease when OA starts
  - presumably, “grandfathered” (non-OA) content will continue to be paid for under sun-setting IEL subscriptions
- recently IEEE's single-item purchase revenue has gone up (to about \$3M), due mostly to employing a service to clamp down on illegal posting of copyrighted material (so people must buy from IEEE)
- we knew this already, but "S/C Fees (Bundled)" on tab 381 went from \$82k in 2012 to zero, against \$74k on "Society/Council Fees" on tab 382 .... this is because AESS membership income used to go to the magazine, then was (frankly, more justly) budgeted as society income