

# K-12 TECHNOLOGY INITIATIVE COMMITTEE

## MEETING MINUTES

Meeting Date	June 28, 2012
Meeting Location	DSIT – 4430 Broad River Road, Columbia, SC 29210
Facilitator	Tom Fletcher
Note Taker	Gay Hoyer
Attendees	Charmeka Bosket (SCDE), Dean Byrd (SCETV), Valarie Byrd (DSIT), Don Cantrell (SCDE), Tom Fletcher (DSIT), David Goble (SCSL), Rogan Hamby (York County Libraries), Bobbi Kennedy (SCETV), Sharron Myers (DSIT), Michael Shelton (DSIT), Beth Shull (AT&T), Barbara Teusink (DSIT), Petra Turner (DSIT)

### AGENDA ITEMS

<b>Agenda Item 1</b>	Approval of Minutes	Presenter:	Tom Fletcher
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1. Tom Fletcher called the meeting to order and asked for approval or corrections to the minutes from last month's meeting. The minutes were approved with no changes.

<b>Agenda Item 2</b>	New Topics for Discussion	Presenter:	Tom Fletcher
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1. Tom Fletcher passed around the suggested topics from April's meeting and asked members to review and add comments or list any potential presenter.

<b>Agenda Item 3</b>	Dealing with Mobile Technologies	Presenter:	Rogan Hamby
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1. Rogan Hamby, with York County Libraries, gave the presentation: *Bring Your Own Library – Reinventing Libraries in the Mobile Age*.
2. Libraries provide Collections, Curatorship, and expertise. Libraries kept automating, adding computers but circulating things stayed the same. New media came on the scene (vinyl, tapes, CDs etc...) and still the library handled it the same.
3. Mobile devices came on the scene. PDAs, Smartphones, netbooks, etc. This was all about productivity and focused on the business world so libraries just shrugged and kept shelving carts full, largely oblivious. Meanwhile, a lot of people were watching the new media, but most of them were businesses not libraries.
4. MP3 players came on the scene then Apple capitalized on this with the iPod and iTunes.
5. Amazon then took the Apple model to heart and launched the E-book device. Suddenly libraries were playing catch up.
6. Apple began selling music videos and some TV shows. NetFlx then came on the scene aggressively pushing streaming. Other companies are now following suit. And all this stuff is going digital and being digitally distributed, portably consumed.
7. This has become disruptive to libraries; it challenges circulation's functions and much of the structure of traditional libraries. Libraries must learn to adapt as resources shift because the libraries ability to provide its core functions are now compromised. There is more content than ever to curate and that poses a challenge to libraries. Collections have new storage, licensing and management challenges. Libraries are struggling to catch up with the expertise of their patrons.
8. More people now have iPhones, Blackberries and other mobile devices. A computer in your pocket is a short way of saying an all in one media consumption and library in your pocket. And it turns out that even a library in your pocket needs librarians.
9. Now people bring their own devices and the library no longer calls the shots. They have to respond to what patrons walk in the door with, not the library content the patron may take home. Schools saw the same thing happen.
10. Mr. Hamby's view of the "status quo" in his library was:

- He had a Netlibrary
  - Some books had DRM, some didn't
  - Some worked with Apple devices some didn't
  - The most popular didn't
  - Patrons were frustrated with technical limitations
  - Staff hid when asked questions
  - Content was limited
  - It felt as though his library had what it had so they could say they were doing something.
11. In the past patrons didn't bring CD players, DVD players, vinyl record players and tape decks in the library for help to figure out how to use them. Now the library is support medium as well as media. The library isn't just a curator but instructor.
  12. The library is now faced with the task of telling the patron the functional differences between major brands of devices, how to get the media they are checking out to work in their device, and which device they should purchase that is compatible with the library's media. And to top it off the library is being asked to put services out for these devices. They were never asked to do this in the past.
  13. The population now expects everything all the time everywhere. The goal of the modern digital media is to fill every moment of your life and become an ecosystem for consuming content.
  14. Reference services in the library will also need to change.
    - Libraries aren't disappearing but the services offered will need to change.
    - Customers are deciding that reference and circulation should be web based.
    - Can a reference librarian search better than Google? Sometime, Will they? Less and less.
  15. These new devices that facilitate mobile reference will now provide the reference themselves. While librarianship is evolving, the concierge model for reference is still best understood in and outside of the profession. Google and Apple are nuking the need for humans. Patrons will no longer need a circulation desk. Mobile technologies will be less a reference tool than something we design reference services to be consumed on.
  16. In the future librarians will:
    - Do less searching and more designing to the behavior of search agents.
    - Do less circulation and more moving digital repositories away from services like Overdrive onto library servers.
    - Will focus on customer interaction and filling needs.
    - Will be information professionals.
    - Will still be premier archivists.
    - Will still know more than anyone about the vast body of knowledge in bibliographic sources.
  17. In conclusion, if librarians fail to move their strengths into the new age, they will be replaced by computer scientists, even if the scientist fails at three of the four above things.

<b>Agenda Item 4</b>	E-Rate Status	Presenter:	Valarie Byrd
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### E-Rate News

#### E-Rate Program Funding Year 2012 (CIPA Compliance & Funding Year 2012 Funding)

1. USAC continues to send out reminders to applicants regarding the 7/1/2012 CIPA Compliance deadline.
2. USAC is working hard to release the first funding wave for FY 2012 by the end of June.
3. Fall Training Sessions offered by USAC-SLD are still available for the FY 2013 applicants.

#### State Education Technology Directors Association (SETDA) request to the FCC

1. SETDA request additional clarification from the FCC on allowing students and teachers remote access to school district networks and authenticated resources as this relates to the E-Rate Program eligibility. Commonly, this access is acquired via virtual private network (VPN) connection.

## FY 2011 E-Rate Applications

1. The FCC released a new appeal order granting request to applicants which filed E-Rate Applications and didn't provide a program requirement Item 21 Attachment (Itemized list of cost & services) during submission to USAC-SLD. This also applied to applicants that didn't file an FCC Form 486 (120) days after USAC-SLD granted funding approval.

## Committee Initiative – Bandwidth Allocation Policy Proposed Revision for FY 2012-13 Feedback

1. K-12 Schools and Libraries Network members are overwhelmingly pleased with the revised policies.
2. More than 470 vendor upgrade orders have been placed since the announcement was made to all network members.
3. A document containing direct feedback from various school districts was presented to the committee.
4. DSIT has started to conduct a study of Public Library Systems bandwidth needs. Additional information regarding this study will be shared with the community later this summer.

## State E-Rate Program Status

### 2011-12 (Current Year) Application

1. DSIT is in the process of filing 1<sup>st</sup> Quarter BEAR reimbursements and collecting 4<sup>th</sup> Quarter documentation.

### 2012-13 (New Year) Application

1. All E-Rate Applications are currently under review by USAC PIA Auditors.
2. DSIT received State LOA documents from SCDE and SCSL for FY 2013-14, 2014-15, and 2015-16.
3. No updates from USAC regarding their anticipated request for a new state eligibility certification letter.
4. DSIT is in the process of collecting FY 2012-13 MOU's and processing vendor orders.
5. SCDE and SCSL provided DSIT with the majority of all outstanding Technology Plans Approval letters. Less than 10 letters are outstanding.
6. DSIT will provide SCDE with electronic copies of CIPA Form 479 documents for website posting after remaining forms have been collected.

### 2013-14 (Upcoming Year) Application

1. DSIT has begun preparing for this year by evaluating network members technology plan approval letters and state master contracts status.

## Bandwidth Allocation Deployment Phase IV-Fiber Placement Opportunities

1. The following school district projects have been completed since last month:

Berkeley- Phase I                      Dorchester 02                      York 01- Phase II

2. The following districts have active projects:

Berkeley                      Barnwell 45                      Marion 01  
Marion 02                      Marion 07                      York (03)

3. The following districts are on a list to be evaluated soon:

Anderson 04                      Anderson 05                      Dillon 03                      Dillon 04  
Edgefield                      Hampton 01                      York 02                      York 04

<b>Agenda Item 5</b>	K-12 Network Changes	Presenter:	Valarie Byrd
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1. AT&T DIA (Dedicated Internet Access) to MIS (Managed Internet Service) conversion project:
2. DSIT is still working on converting current wireless and MPLS locations to Ethernet service and Spirit Telecom is doing research for alternatives, several were identified this month.
3. DSIT researched the use of ITFS (microwave ETV towers) towers within the Kershaw School District to acquire dependable higher bandwidth coverage for two of its underserved locations. The investigation presented good results as this can be an alternative solution. Additional districts will be studied later this

summer if applicable after Spirit/DSIT completes the Ethernet/direct fiber placement opportunities research.

4. The SC E-Rate Consortium website can be accessed: <https://sck12techinit.sc.gov/>

<b>Agenda Item 6</b>	Security Subcommittee / Network Status	Presenter:	Sharron Myers
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1. No activity to report. However, there are still several districts that have been uncooperative in allowing proxy servers in their school. This has hindered our ability to assign them a security score.

<b>Agenda Item 7</b>	Budget	Presenter:	Barbara Teusink
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1. Nothing new to report. House and Senate are still trying to resolve the budget. Barbara passed out budget request for everyone except ETV, who is unable to make a request until the Legislature finalizes the budget.
2. All budgets are contingent on the final budget passed by the Legislature.
3. Each member reported on their individual budgets.
4. Barbara Teusink will email the current summary.

<b>Agenda Item 8</b>	Update on K-12 Annual Report	Presenter:	Mike Shelton
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1. Writing committee has been established and the members are: Charmeka Bosket (SCDE), Beth Shull (AT&T), John Bane (DSIT), Mike Shelton (DSIT), Bobbi Kennedy (SCETV), and Amy Duernberger (SCSL).
2. The committee already has a list of items from the previous report and has compiled a list of proposed items to be included in this year's report.
3. The writing committee is currently working on their individual pieces and will have their first meeting on July 13<sup>th</sup> at AT&T.
4. If any department has embedded video please send a list to the committee.
5. Send any suggestions, questions or concerns to Mike Shelton.

Next Meeting	July 26, 2012
Location	Division of State IT, 4430 Broad River Road, Columbia, SC 29210