

K-12 TECHNOLOGY INITIATIVE COMMITTEE MEETING MINUTES

Meeting Date	January 22, 2015
Meeting Location	DSIT – 4430 Broad River Road, Columbia, SC 29210
Facilitator	Kyle Herron
Note Taker	Gay Hoyer
Attendees	Valarie Byrd (DTO), James Gordon (DTO), Mike Shelton (DTO), Charlie Seastrunk (DTO), Kristen Setzler (Calhoun Co. Library), Bill Croteau (SCSL), Felix Childs (SDE), Don Cantrell (SDE), Teena Frazer (Spirit), Billy Solomon (Spirit), Beth Shull (AT&T), Samantha Hastings (USC), John Bane (DTO), Rick Makla (DIS), Bobbi Kennedy (ETV)

AGENDA ITEMS

Agenda Item 1	Approval of December Minutes	Presenter:	Kyle Herron
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1. Kyle asked for a motion to approve the K-12 minutes from the January meeting. Minutes were approved without corrections or changes.

Agenda Item 2	E-Rate Status/K-12 Network Status	Presenter:	Valarie Byrd
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E-Rate News

Noon-January 14, 2015: FCC Form 471 (E-Rate Application) Filing Open: will close 11:59pm March 26, 2015.

Program Funding Update:

- a. USAC-SL management reported identifying \$1.575 Billion in previously committed, but unused funds (period of 1998-2013) available for carry forward or “roll over” for future funding years.
- b. If this additional funding is applied to FY 2015, the program funding available would peak at over \$ 5 Billion (Ample funding for service Category 1 and 2 requests).

Network Announcements:

- a. Rate Reconsideration Request-Response received from vendors.

Proposal Summary

- New Rates would go into effect July 1, 2015
- Internet Access: Avg. 1.71% reduction (estimated annual savings \$196,663)
- Wan Access: Avg. 8.42% reduction (estimated annual savings \$1,441,381)
- Forecasted Savings: \$1,638,045

State E-Rate Program Status

2014-15 (Current) 07/01/2014 – 06/30/2015 Application

1. 285 Vendor orders remaining. The majority of these orders are due to AT&T ASE projects.

2015-16 (Upcoming) 07/01/2015 – 06/30/2016 Application

1. Began the filing process for State Consortia Applications – Five applications will be filed this year.
2. Valarie worked with SCDE contacts Jermaine Shaw and Wayne Heliman to complete the state schools E-Rate data file. She also worked with SC State Library contacts Denise Lions, Kathy Sheppard and Paula James to create a new E-Rate data file for libraries.

K-12 Network Status (External Broadband Availability Improvements)

1. Conversion for under-served/expensive bandwidth updates for Wireless and MPLS locations is as follows:

Districts: Solutions Update

- Hampton SD 1 – (All wireless connectivity): School District has agreed to move forward with plans to convert their WAN service from wireless towers to Metro Ethernet service. Vendor orders have been placed. Project completion is estimated to be early summer 2015.

Library Systems Solutions Update:

- Metro Ethernet solutions identified for the following Libraries:
 - (4) ABBE Library System **ALL**: Fiber confirmed – Vendor orders in progress
 - (4) AHJ Library System **ALL**: Orders in process, DTO will assist with equipment
 - (2) McClellanville, Edisto, St. Paul Branch (Charleston Library System) **ALL**: Vendor orders in progress

- (2) Ridgeway (Fairfield Library System) **ALL:** Vendor orders in progress
- (2) Edisto Beach (Colleton Library System) **ALL:** Vendor orders in progress
- (2) *Darlington (Lamar Branch): **No fiber**, Multi-T1 solution –awaiting Router
- (3) Spartanburg Library System **ALL:** Vendor orders in progress
- (4) *Orangeburg Library System: **No Fiber**, Will remain via Multi-TI (No Updates)
- (2) York Library System: Evaluating preferred layout options – awaiting system decision this month

Bandwidth Allocation Deployment Phase IV-Fiber Placement Opportunities

1. The following districts have completed projects: **None**
2. The following districts have completed evaluations. No Opportunity: **Georgetown**
3. The following districts have active projects:
 - **Berkeley (Phase IIIb)**
 - **Dillon 4 (Phase II) - Awaiting Building Construction (February 14th)**
4. The following districts are being evaluated: **Barnwell 19**

Agenda Item 3	Network Changes	Presenter:	Kyle Herron
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1. The VoIP solicitation has been reviewed and released.

Agenda Item 4	K-12 Security Project	Presenter:	Rick Makla
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1. The security group received and installed the event processor which increased capacity from 650 million events per day to over 850 million events.
2. DIS has completed 7 sensor upgrades in schools and libraries and is scheduled to install 4 more by the end of the month.

Agenda Item 5	Security Proposal	Presenter:	Kyle Herron
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1. Funds received by DTO as a result of billing credits could be used to help assist schools and libraries with issues related to bandwidth connectivity (equipment, fiber, security etc.) for members residing on the state network.
2. DTO has been exploring solutions to the DDOS attack which occurred in Charleston Schools and to take a broader look at the problem. The most effective way to deal with the problem is at the carrier level and DTO has been in discussions with Spirit and AT&T as to possible solutions.
3. In order to aid schools with Cyber security issues, DTO has been working with Spirit and AT&T on a proposal for their services to help mitigate these attacks.
4. Correct anticipated cost is \$38,000 per month which will cover all 83 districts. The districts would normally pay \$3,500 per month if they had to acquire the service on their own. (This cost did not take libraries into consideration).
5. A concern was brought to the committee that the libraries should be included on this proposal.
6. Kyle will set a meeting with the libraries and carriers to discuss their needs and obtain revised pricing.
7. Should the proposal be approved the carriers can begin the coverage as soon as April.

Agenda Item 7	EOC – General Updates	Presenter:	Melanie Barton
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1. No Report Given

Agenda Item 9	Open Discussion	Presenter:	Kyle Herron
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1. NA

Next Meeting	February 26, 2015
Location	Division of State IT, 4430 Broad River Road, Columbia, SC 29210