K-12 TECHNOLOGY INITIATIVE COMMITTEE
MEETING MINUTES

Meeting Date	April 24, 2014
Meeting Location	DSIT – 4430 Broad River Road, Columbia, SC 29210
Facilitator	Kyle Herron
Note Taker	Gay Hoyer
Attendees	Nola Armstrong (SC Telecom. Assoc.), John Bane (DSIT), Melanie Barton (EOC), Dean Byrd (SCETV), Valarie Byrd (DSIT), Don Cantrell (SCDE), Bill Croteau (SCSL), Teena Frazer (Spirit), James Gordon (DSIT), Samantha Hastings (USC), Kyle Herron (Div. of Tech.), Mark Hinsch (DIS), Bobbi Kennedy (SCETV), Sharron Myers (DTO), Linda O'Bryon (SCETV), Keith Osman (DTO), Charlie Seastrunk (DTO), Mike Shelton (DTO), Jane Sosebee (AT&T), Beth Shull (AT&T), Petra Turner (DTO), Marcos Vieyra (DIS), David Wilhite (DIS)

AGENDA ITEMS

Agenda Item 1	Introductions	Presenter:	Kyle Herron

1. Kyle Herron introduced himself as the Chief Operating Officer of the Division of Technology, Keith Osman, Chief Information Officer of Division of Technology Operations, Marcos Vieyra, Chief Information Security Officer for the Division of Information Security and David Wilhite, Deputy Chief Information Officer for the Division of Information Security.
2. Kyle explained the new organization structure for the Division of Technology.
3. A motion was made that the Committee appoint Kyle Herron as the new Chairman for the K-12 Technology Initiative Committee, motion was seconded and passed.

Agenda Item 2	Approval of January Minutes	Presenter:	Kyle Herron

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 3	eRate Status/K-12 Network Status	Presenter:	Valarie Byrd

eRate News

1. The FCC released eRate Modernization Public Notice March 6, 2014. The Main key topics:
   a. Funding for High Capacity Broadband Deployment within Schools and Libraries
   b. Reduced Support for Voice Services
   c. Demonstration Projects
   d. Procedural Matters
2. USAC Schools and Libraries by order of the FCC announced $0 funding for FY 2013 Priority-2 Services support. A major impact to our state. Over $34 million requested ($4 million of which was requested for Basic Maintenance).
3. FY 2014 eRate Form 471 application filing window closed 03/26/2014, 11:59 pm EST.
4. Good news: The FCC released the FY 2014 funding cap of $2,413,817,693 (includes 1.4% inflation-rate), Bad news: Preliminary Demand $4,868 Billion ($2,643 P-1) , ($2,194 P-2) which is an 8% funding request decline compared to FY 2013. There will be enough funds for P-1 request and a portion of P-2 (80-90%) if the anticipated $1.3 billion roll-over funds are applied.

Other News

1. President Obama ConnectED plan has drawn support of $750 million in seed money from various private-sector commitments to deliver cutting-edge technologies to classrooms, including devices, free software, teacher professional development and home wireless connectivity. Next-generation connectivity to 99% of American students within five years.

2. Other Support Initiatives:
   - $2 billion down-payment by the FCC eRate program to connect 20 million more students to next-generation broadband and wireless beginning in 2014.
   - Commitment to rural schools of over $10 million in distance learning grants for the US Department of Agriculture.

State eRate Program Status

2012-13 (Previous Year) 07/01/2012 – 06/30/2013- Closed

1. All vendor reimbursement checks (BEAR) have been received and FCC Form 500's were processed. This funding year is officially closed.

2013-14 (Current Year) 07/01/2013 – 06/30/2014 Application

1. Five FCC Form 472s (BEARs) were filed and are currently being processed by USAC-SLD.
2. Continue to track and assist K-12 network entities with determining their broadband needs.
3. Working with State Library and SC Department of Education to complete remain TPA processing.
4. Met with SDO regarding the CEP (CEO) program and impact of deployment on data collections.

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

1. Applications are being processed by USAC-SLD. Three out of five applications are in final review status.
2. Working on generating MOU documents for distribution in April/May.

K-12 Network Status (External Broadband Availability Improvements)

1. Conversion for under-served/expensive bandwidth updates for Wireless and MPLS locations is as follows:
   a. The Status of MPLS locations Research:
      - ✓ Allendale SD-ETV ITFS Tower – Work is in progress
      - ✓ Charleston SD-Ethernet Solution – Work is in progress. Should be complete in May/June.
      - ✓ Orangeburg SD-Final Location Ethernet Solution – Work in progress. ETA late June.
      - ✓ Hampton SD 1 – (All wireless connectivity) potential fiber solution identified and anticipate conversion kick-off summer of 2015.

   b. Library Systems Solutions:
      - ✓ Possible solutions are being researched for ABBE(6), Fairfield (1), Darlington (1), York (1), and Spartanburg (3)
      - ✓ Fiber solutions have been identified for Orangeburg (5), AHJ (4)
      - ✓ Possible solution available this year for Charleston (3), Colleton 1

Agenda Item 4	Network Changes	Presenter:	Sharron Myers

Bandwidth Allocation Deployment Phase IV-Fiber Placement Opportunities

1. The following districts have completed projects: Chester, Newberry and Berkeley (Phase IIIa)
2. The following districts have active projects: Lancaster, Pickens and Berkeley (Phase IIIb)
3. The following districts are being evaluated: Marlboro and Dillon 4 (Phase II)

AT&T Platform Change-outs

1. The AT&T and Bellsouth Merger effective now.
2. AT&T is transitioning Legacy Bellsouth Service platforms to AT&T platforms.
   a. MIS (Managed Internet Service) Upgrade with 77 sites
   b. Metro-E to AT&T Services Ethernet (Tower with 700 sites)
      - Berkeley – 18 sites complete
      - Greenville – 29 of 86 sites complete (34%)

- Charleston – 43 of 85 sites complete (51%)
- Lexington 5 and Richland 1 are stated for June
- Kershaw and Florence will follow
  c. Net VPN to AT&T VPN with 870 sites

Cellular Contract Recast
1. Ruth Kirkland has been hired as the new Procurement & Contracts Manager for Division of Technology Operations and is now on board.
2. Ruth will be responsible for the renewal of the existing cellular contracts which expire June 30, 2014.

VoIP Solicitation
1. The existing VoIP contract expires March, 26, 2015.
2. The VoIP solicitation will be executed and awarded by the end of this year.
3. The new contract will have and expiration date to coincide with eRate requirements.

Agenda Item 5	K-12 Security Project	Presenter:	Mark Hinsch

1. ISAC Report Card generation delayed until methods and criteria confirmed and approved.
2. The Security Team has completed about 82 of 130 equipment exchanges/upgrades across the state.
3. 29 libraries and 9 charter/special school now have 10 mbps or greater of internet.
4. Some upgraded sensors are struggling to handle higher bandwidths. (Moving monitoring port to add-in NIC and/or upgrading the NICS in those servers may prove to be sufficient)
5. Initial in-school testing of high-bandwidth server was successful so the roll-out will continue.
6. New installation and high-speed sites are far more labor/ resource intensive than upgrades/swaps.
7. Bill Croteau with The State Library is assisting with inter-library communications for upgrades and installations.
8. SIEM upgrades performed including new event collector and console upgrade. Due to issues arising from the upgrade, reports were stopped while those issues were being addressed with the vendor. A new reporting module was also tested and rolled out, increasing efficiency on the SIEM. Any districts or libraries not currently receiving reports should check with the SC-ISAC.
9. Several districts were unable to support new 10 GB fiber connections due to older equipment or all the fact that all the 10 GB ports were in use. The team will test 1 GB fiber trap with a district to see if this will be the best solution in these cases.

Agenda Item 6	Budget	Presenter:	James Gordon

1. James Gordon sent out Budget Request forms to the agencies. The state library has already returned their budget request.
2. It is expected that we should know the appropriated amount to be given to the committee by July 1st. In the past couple of years the appropriation has been 10 million.

Agenda Item 7	Open Discussion	Presenter:	Kyle Herron

1. Last meeting the State Library asked that the Committee consider the removal or the requirement for libraries/systems to submit a Technology Plan. Since this request, State Librarian, Hulen Bivins has announced his resignation and the State Library is rescinding its request.
2. Committee approved BW Baselines for Libraries (WAN) & Special Schools (Internet Access).
   - Libraries Network baseline revision: Funded baseline maximum raised from 10 to up to 20 mbps.
   - Special Schools and CATE baseline revision: Change the current 10 mbps to the following:
     - Minimum funded 10 mbps up to 30 mbps for locations with 200 or less students.
     - Minimum funded 50 mbps for locations with 201 students or above.

Next Meeting	June 26, 2014
Location	Division of State IT, 4430 Broad River Road, Columbia, SC 29210