SCHOOL CONNECTIVITY INITIATIVE
Legislative Update

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Submitted to

Joint Legislative Oversight Committee on Information Technology

Joint Legislative Education Oversight Committee

Office of State Budget and Management

State Information Technology Officer

Fiscal Research Division

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TABLE OF CONTENTS

FORWARD

Pursuant to *Session Law 2007-323 SECTION 7.28.(d)*, we offer this School Connectivity Initiative (SCI) Report. In this report we provide an update on SCI activities beginning January 1, 2010 and ending January 1, 2011. The core provision for the SCI is specified as follows:

SECTION 7.28.(b) As recommended in the Joint Report on Information Technology, February 2007, the State Board of Education shall contract with an entity that has the capacity of serving as the administrator of the School Connectivity Initiative and has demonstrated success in providing network services to education institutions in the State. The funds appropriated in this act shall be used to implement a plan approved by the State Board of Education to enhance the technology infrastructure for public schools that supports teaching and learning in the classrooms. The plan shall include the following components:

(1) A business plan with timelines, clearly defined outcomes and an operational model including a governance structure, personnel, e-Rate reimbursement, support services to LEA's and schools and budget;

(2) Assurances for a fair and open bidding and contracting process;

(3) Technology assessment site survey template;

(4) Documentation of how the technology will be used to enhance teaching in learning;

(5) Documentation of how existing State-invested funds for technology are maximized to implement the school connectivity initiative;

(6) The number, location and schedule of sites to be served in 2007-2008 and in 2008-2009; and

(7) Assurances that local school administrative units will upgrade internal networks in schools, provide technology tools, and support for teachers and students to use technology to improve teaching and learning.

EXECUTIVE SUMMARY

The NC State Board of Education approved the School Connectivity Initiative *Implementation and Operating Plan* on Thursday, August 2, 2007. The SCI program was managed through the NC ITS Enterprise Project Management Office supervising projects that gained initial EPMO approval in September 2007. Within the SCI program were five individual projects addressing **Connectivity, Core Services, Collaboration, Organization, and Funding.** All five projects were completed in 2009 and produced the following deliverables:

- All 115 Local Education Agencies (LEAs) connected to MCNC's North Carolina Research and Education Network (NCREN)

- Establishment of Client Network Engineering Services for LEAs

- Establishment of E-Rate Filing Assistance Bureau

- Development of a Technology Master Plan

- Development of Governance and Funding Plans

The budget for FY2010 was $20,824,415 and $4,140,889 in FY2009 carry-over, totaling $24,965,304. Expenses were $18,390,616.36.

The FY2011 budget saw a $1,000,000 reduction to recurring funds and a $3,000,000 one time reduction. Thus the budget for FY2011 was $17,886,226 and $3,649,752 in FY2010 carry-over, totaling $21,535,978. Expenses are in line with projections as of the date of this report.

For 2011, the School Connectivity Initiative plans to achieve the following goals:

- Work with MCNC, ITS, and LEAs to identify fiscally self-sustaining network-centric products and services such as content filtering, managed firewall, and directory services.

- Continue to proactively upgrade LEA bandwidth as demand trends upward.

- Further leverage Federal E-Rate dollars.

- Further assist LEAs in developing 2012 – 2014 strategic technology plans to support Future Ready, Ready Set Go, Race to the Top, and 1 to 1 program initiatives.

- Increase NCREN and E-Rate participation by, and support for, Charter Schools.

- Further assist LEAs in reducing the number of remaining schools not connected via fiber.

- Increase LEA Internet 2 participation.

- Further assist LEAs in deploying and maintaining wireless infrastructure.

- Continue to encourage creativity, innovation and collaboration (e.g. CeCTO).

PERFORMANCE OVERVIEW

The School Connectivity Initiative (SCI) has five areas of focus: **Connectivity, Support Services, Collaboration, Organization, and Funding**.

In 2010, the Initiative upgraded several of the 115 LEA NCREN connections based on usage, connected 14 Charter Schools to the NCREN network, witnessed a record 87% utilization of committed Funding Year 2008 E-Rate federal funds, observed a record $70M in E-Rate federal funds committed in Funding Year 2009, assisted in a record $96M in E-rate funds requested for Funding Year 2010, deciphered significant E-Rate rule changes and educated applicants in preparation for Funding Year 2011, provided network-related technical assistance to 80 plus LEAs and Charter Schools via expanded regional network assistance, and enabled 33 LEA participants to graduate from the highly successful Certified Educational Chief Technology Officer program.

1. ESTABLISH A SHARED EDUCATION BACKBONE THAT PROVIDES FOR K-12 CONNECTIVITY

- All 115 LEAs remain connected to NCREN, while 14 charters are now part of the education connectivity backbone.

- The SCI team continued to leverage statewide carrier contracts managed by ITS to accommodate the connection of the LEAs. NC ITS manages contracts with AT&T, Embarq, and Time Warner Cable. In general, AT&T is awarded connectivity business in their footprint, Embarq is awarded business in their footprint, and Time Warner Cable is awarded business in their footprint when it does not overlap with either AT&T or Embarq. For LEAs that do not have access to one of the state contract carriers, the SCI team continued established relationships with:

  - ☐ DukeNet

  - ☐ e-Polk

  - ☐ Broadplex

  - ☐ French Broad EMC

  - ☐ Country Cable

  - ☐ Conterra Networks

  - ☐ Balsam West

  - ☐ ERC Broadband

  - ☐ Cox Cable

  - ☐ Charter Communications

  - ☐ Clarity Communications

- To assist with implementation of services, as well as the ongoing need of information sharing, NCREN developed and deployed an initial online measurement and monitoring resource for K12 connectivity accessible at http://tools.ncren.net/k12/ A collaborative information portal for the for the K12 community has also been established and is available at http://edspace.mcnc.org. In addition a new K-12 forum was established at https://www.mcnc.org/forums.

- The SCI program also invested $145,479 during 2010 to advance connectivity in specific LEAs and regions. These one-time distributions were aligned with the *School Connectivity Implementation and Operating Plan* approved by the NC State Board of Education in August 2007. In general, one-time distributions support investments in 3 categories: (1) service provider installation charges for (typically fiber-based) E-rate eligible services; (2) fiber builds to connect schools in areas where no comprehensive fiber services exist; (3) network infrastructure investments that support other state school technology programs (e.g., wireless support for 1to1 laptop pilots and deployments).

- The NCREN network performance has averaged 99.97% uptime across all LEA connections with very low latency, which continues to exceed expectations. LEA Technology Directors continue to communicate to SCI staff how impressed they have been with the NCREN staff in response times to network incidents as well as answering their questions.

2. PROVIDE AN OPT-IN **SERVICES** MODEL THAT INCLUDES A COMPREHENSIVE SET OF CORE SERVICES SUPPORTING RELIABLE, HIGH-BANDWIDTH CONNECTIVITY INCLUDING CENTRAL E-RATE AND ENGINEERING SERVICES AS WELL AS VALUE-ADDED NETWORK SERVICES OFFERED TO IMPROVE OPERATIONAL EFFICIENCY WITHIN AND AMONG LEAs.

- The E-rate Support Service is a function of the NC DPI Technology and Information Service area. In FY2010 the SCI team provided comprehensive training and support services to LEA's and charters via two regional E-rate specialists. The SCI team continues to hear positive feedback from LEAs and charters regarding the benefits of this service. We have also retained E-rate Central, a nationally recognized leader in E-rate consulting and services, to support our E-rate Support Service functions and act as a subject level expert under the management of the DPI Connectivity Services Manager/State E-rate Coordinator.

- With assistance from E-rate Central, the E-rate Support Service is exploring opportunities to leverage new FCC E-rate rules to expand centralized services and federal funding.

- The Network Consulting Service continued to assist public schools with technical engineering and consultation services. In 2011, a renewed statement of work for the Network Consulting Service is expected in the NC ITS-MCNC master agreement, *Client Network Engineering and Support Services*.

- In 2010, the two NC DPI Connectivity Services Network Analysts regionalized to further assist public schools with technical planning and consultation and to work closely with the support team represented by the statement of work with MCNC. LEAs support requests continue to trend upward for this service.

- NC DPI Connectivity Services continued to provide an expanded list of on demand and proactive services to LEAs and charters in 2010. In fact, demand for proactive services for LEAs and Charter Schools increased significantly in the latter half of the year with North Carolina's award of Race to the Top.

3. IMPLEMENT A COMMUNITY-DRIVEN **COLLABORATION** MODEL

In FY2010 the SCI team continued implementation of the SCI plan, including providing support for Cloud and other RttT initiatives. The SCI implementation requires collaboration with LEA and charter leadership teams, with service providers, and with policy makers. As such, the SCI team attended regional and state gatherings of technology directors, technicians, instructional technologists, superintendents, and legislators. During these gatherings SCI team members presented status reports, collected input, and collaborated on Cloud and RttT planning and marketing.

In addition to our participation in stakeholder gatherings around NC, the team built and maintains an information website that shares general project information, presentations, memoranda, information packets, and frequently asked questions.

4. DEVELOP AN EFFECTIVE AND EFFICIENT OPERATING ORGANIZATION

- The SCI team has developed a set of recommendations related to effective and efficient organization and governance. In short, the NC DPI Connectivity Manager serves as the advocate for the LEAs and charters, the business officer for the SCI budget, and the policy interface to oversight groups. The DPI Connectivity Manager is accountable to the NC State Board of Education and acts as agent of the SBE in providing required annual reporting to legislative oversight groups.

- With only few team members, the SCI team must continually seek maximum operational and service level efficiency through innovation and collaboration. The SCI team has leveraged cloud based application services to maximize communications and operations and has been able to share best practices with LEAs and charters.

5. SUSTAIN THE OPERATION LEVERAGING MYRIAD **FUNDING** RESOURCES INCLUDING STATE, FEDERAL, LOCAL, AND PRIVATE SECTOR.
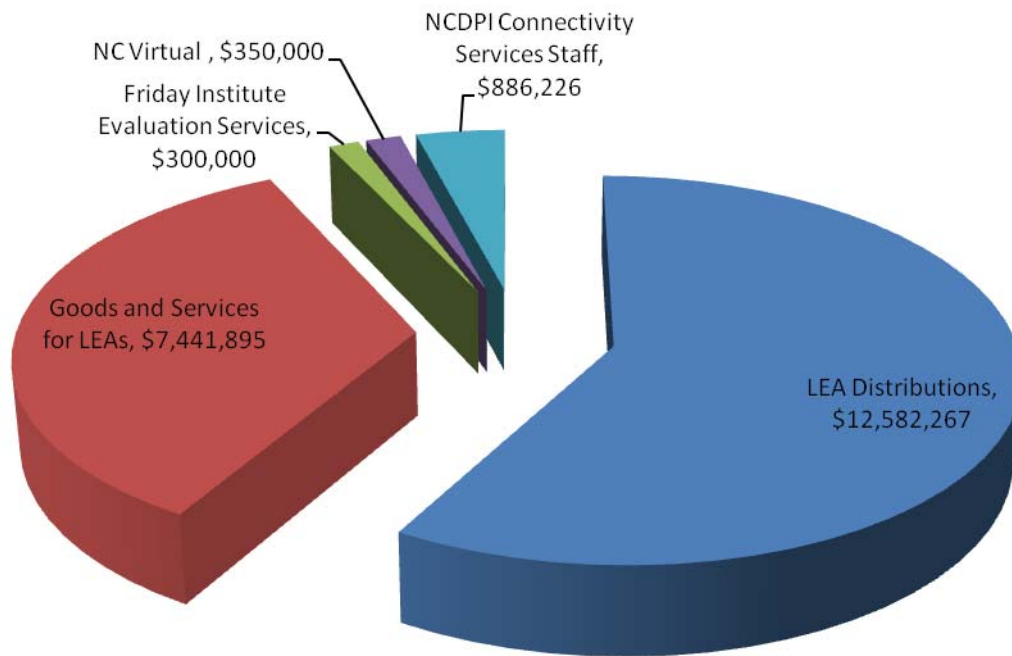
- The NC DPI provided FY2011 connectivity distributions to LEAs and Charter Schools in October and November 2010 respectively. As reference, the NC DPI provided FY2010 connectivity distributions to LEAs and Charter Schools in November 2009 and January 2010 respectively. The SCI team verified allotment amounts for all LEAs and Charter Schools and provided the DPI finance office with amounts based on a process vetted by the LEA community. The SCI team collected updated SCI MOU packets as part of the FY2011 distribution process. The MOU packet included:

  o An MOU defining the appropriate use and distribution terms to provide the "assurances" specified in the special provisions of SL2007-323 Section 7.28.(b) and 7.28.(c).

  o A letter of agency (LOA) allowing the state to file consortium E-rate documents

  o Instructions to provide contract and invoice materials for verification purposes

- In addition to the annual LEA and Charter School connectivity distributions, which help offset local costs, NC DPI bears the cost for a telecommunications circuit from each LEA to the MCNC Regional Connect (via AT&T, Embarq, Time Warner, etc.), a proportionate amount of costs associated with monitoring and maintenance of NCREN backbone components (e.g. routers, backbone circuits, etc.), Internet Access and support, as well as customer premise equipment (i.e. router) for each LEA and Charter School. In addition, NC DPI connectivity funds provide LEAs and Charter Schools with access to MCNC's advanced client network engineering services (e.g. wired and wireless network assessments, risk analysis, etc.) and training. Currently NCDPI partners with NC ITS to apply for E-rate discounts on the telecommunications circuit charges. NCDPI is currently working in conjunction with E-rate Central, a nationally recognized E-rate Compliance Firm, to leverage new FCC rules regarding state networks, in order to increase the proportion of these goods and services receiving discounts.

- The NC DPI Connectivity Services and Instructional Technology Division (leveraging Title IID SEA), along with MCNC and the UNC School of Government, sponsor the highly successful Certified educational Chief Technology Officer's program. This program graduated 33 LEA technology directors and their superintendents last year. This training program, the only one of its kind in the nation, helps ensure utmost utilization of North Carolina's one of a kind network. In 2011 24 more LEAs and 3 Charter Schools will participate.

- The E-rate support service assisted many LEAs and Charter Schools with E-rate filing and audit processes, including a handful of successful appeals and averted denials or commitment adjustments. As mentioned previously, in Funding Year 2010, North Carolina applicants applied for a record $96 million dollars in E-rate discounts for Telecommunications, Internet Access, Internal Connections, and Basic Maintenance of Internal Connections.

CONNECTIVITY STAFF SALARY REPORT

The following are NCDPI staff paid from School Connectivity Initiative funding and their respective salaries *Session Law 2007-323 SECTION 7.28.(g)*:

TITLE OF POSITION AND DESCRIPTION OF DUTIES	SALARY AMOUNT
Network Analyst	$80,145
LEA technical consulting and planning services / performs myriad other duties as assigned	
Network Analyst	$74,000
LEA technical consulting and planning services / performs myriad other duties as assigned	
Education Program Administrator I	$70,450
Connectivity Services Manager / Assist Public Schools with E-Rate process	
Education Program Administrator I	$70,000
Assist Public Schools with E-Rate process / performs myriad other duties as assigned	
Education Consultant II 92%	$64,400
Assist with Instructional Technology Integration	
Education Consultant II 93%	$51,336
Assist with Instructional Technology Integration	
Program Assistant V	$37,510
Administrative assistance	
Education Program Administrator II 15%	$12,484
IT, Race to the Top, NCEdCloud liaison	

SCI BUDGET SNAPSHOT

NC Virtual , $350,000

Friday Institute
Evaluation Services,
$300,000

NCDPI Connectivity
Services Staff,
$886,226

Goods and Services
for LEAs, $7,441,895

LEA Distributions,
$12,582,267

*Chart reflects carry forward from previous year's budget.

SUPPORTING DOCUMENTS

The remainder of this report provides supporting documentation and is organized as follows:

1. **The School Connectivity Allocation FY 2010-2011 report** dated December 8, 2010 shows the most recent LEA and Charter School connectivity allocations.

2. **The North Carolina Charter Schools: NCREN Status report** dated January, 3, 2011 shows Charter Schools currently connected to NCREN, as well as those in progress.

3. **The E-rate Monthly report** dated January 3, 2011 provides further historical details of the funding that has come to the state of North Carolina as a result of the E-rate program over the past three years.

Public Schools of North Carolina
North Carolina Department of Public Instruction

School Connectivity Allocation FY 2010-2011

| | | | | | | | | As of 12/08/10 |
Type	LEA#	LEA Name	Regular Allotment Revision 14	One-Time Allotment	Regular Allotment Revision 15	Regular Allotment Revision 17	One-Time Allotment	Total Regular Allotments	Total One-Time Allotments
LEA	010	Alamance County			137,053.00			137,053.00	-
LEA	020	Alexander County	17,160.00					17,160.00	-
LEA	030	Alleghany County	26,851.00					26,851.00	-
LEA	040	Anson County	32,905.00					32,905.00	-
LEA	050	Ashe County	42,441.00					42,441.00	-
LEA	060	Avery County	28,587.00					28,587.00	-
LEA	070	Beaufort County	47,656.00					47,656.00	-
LEA	090	Bladen County	71,777.00					71,777.00	-
LEA	100	Brunswick County	48,837.00					48,837.00	-
LEA	110	Buncombe County	152,500.00					152,500.00	-
LEA	111	Asheville City	3,906.00				38,500.00	3,906.00	38,500.00
LEA	120	Burke County	76,629.00					76,629.00	-
LEA	130	Cabarrus County	218,940.00					218,940.00	-
LEA	132	Kannapolis City	33,562.00					33,562.00	-
LEA	140	Caldwell County	64,001.00					64,001.00	-
LEA	160	Carteret County	95,604.00					95,604.00	-
LEA	170	Caswell County	25,049.00					25,049.00	-
LEA	180	Catawba County	165,427.00					165,427.00	-
LEA	181	Hickory City	35,715.00					35,715.00	-
LEA	182	Newton-Conover City	36,000.00					36,000.00	-
LEA	190	Chatham County	123,012.00					123,012.00	-
LEA	200	Cherokee County	84,554.00					84,554.00	-
LEA	220	Clay County	65,550.00					65,550.00	-
LEA	230	Cleveland County	93,073.00					93,073.00	-
LEA	240	Columbus County	56,753.00					56,753.00	-
LEA	241	Whiteville City	8,086.00					8,086.00	-
LEA	250	Craven County	92,010.00					92,010.00	-
LEA	260	Cumberland County	310,039.00					310,039.00	-
LEA	270	Currituck County	68,846.00					68,846.00	-
LEA	280	Dare County			51,620.00			51,620.00	-
LEA	290	Davidson County	156,702.00					156,702.00	-
LEA	291	Lexington City	16,442.00					16,442.00	-
LEA	292	Thomasville City	25,436.00					25,436.00	-
LEA	300	Davie County	170,332.00					170,332.00	-
LEA	310	Duplin County	38,306.00					38,306.00	-
LEA	320	Durham Public	281,232.00					281,232.00	-
LEA	340	Forsyth County	572,112.00					572,112.00	-
LEA	350	Franklin County	51,324.00					51,324.00	-
LEA	360	Gaston County	147,789.00					147,789.00	-
LEA	380	Graham County			3,834.00			3,834.00	-
LEA	390	Granville County	51,416.00					51,416.00	-
LEA	400	Greene County	22,459.00					22,459.00	-
LEA	410	Guilford County	505,066.00					505,066.00	-
LEA	421	Roanoke Rapids City	48,163.00					48,163.00	-
LEA	430	Harnett County	156,135.00					156,135.00	-
LEA	440	Haywood County	84,357.00					84,357.00	-
LEA	450	Henderson County	103,490.00					103,490.00	-
LEA	470	Hoke County	43,416.00					43,416.00	-
LEA	490	Iredell County	256,308.00					256,308.00	-
LEA	491	Mooresville City	53,816.00					53,816.00	-
LEA	500	Jackson County	65,376.00					65,376.00	-
LEA	510	Johnston County	189,170.00					189,170.00	-
LEA	520	Jones County	18,670.00					18,670.00	-
LEA	530	Lee County	148,649.00					148,649.00	-
LEA	540	Lenoir County Public	44,755.00					44,755.00	-
LEA	550	Lincoln County			127,587.00			127,587.00	-
LEA	560	Macon County			103,378.00			103,378.00	-

Public Schools of North Carolina
North Carolina Department of Public Instruction

School Connectivity Allocation FY 2010-2011

As of 12/08/10

Type	LEA#	LEA Name	Regular Allotment Revision 14	One-Time Allotment	Regular Allotment Revision 15	Regular Allotment Revision 17	One-Time Allotment	Total Regular Allotments	Total One-Time Allotments
LEA	570	Madison County	5,126.00					5,126.00	-
LEA	580	Martin County	28,440.00					28,440.00	-
LEA	590	McDowell County	16,170.00					16,170.00	-
LEA	600	Mecklenburg County	426,340.00					426,340.00	-
LEA	610	Mitchell County	8,010.00					8,010.00	-
LEA	620	Montgomery County	54,670.00					54,670.00	-
LEA	630	Moore County	106,029.00					106,029.00	-
LEA	640	Nash County	162,383.00					162,383.00	-
LEA	650	New Hanover County	100,526.00					100,526.00	-
LEA	670	Onslow County	149,184.00					149,184.00	-
LEA	680	Orange County	71,397.00					71,397.00	-
LEA	681	Chapel Hill-Carrboro City	109,143.00					109,143.00	-
LEA	690	Pamlico County	5,501.00					5,501.00	-
LEA	710	Pender County			78,887.00			78,887.00	-
LEA	730	Person County	22,500.00					22,500.00	-
LEA	740	Pitt County	217,526.00					217,526.00	-
LEA	750	Polk County	12,420.00					12,420.00	-
LEA	760	Randolph County	177,883.00					177,883.00	-
LEA	761	Asheboro City	26,648.00					26,648.00	-
LEA	770	Richmond County	61,440.00					61,440.00	-
LEA	780	Robeson County	152,980.00					152,980.00	-
LEA	790	Rockingham County	168,080.00					168,080.00	-
LEA	800	Rowan County	191,568.00					191,568.00	-
LEA	810	Rutherford County	34,782.00					34,782.00	-
LEA	820	Sampson County	36,432.00					36,432.00	-
LEA	821	Clinton City	20,400.00					20,400.00	-
LEA	830	Scotland County			68,146.00			68,146.00	-
LEA	840	Stanly County	59,127.00					59,127.00	-
LEA	850	Stokes County	163,297.00					163,297.00	-
LEA	860	Surry County	27,777.00					27,777.00	-
LEA	861	Elkin City	11,880.00					11,880.00	-
LEA	862	Mount Airy City	8,766.00					8,766.00	-
LEA	870	Swain County	21,792.00					21,792.00	-
LEA	880	Transylvania County	14,514.00					14,514.00	-
LEA	900	Union County	285,779.00					285,779.00	-
LEA	910	Vance County	55,755.00					55,755.00	-
LEA	920	Wake County	493,670.00					493,670.00	-
LEA	950	Watauga County	70,387.00					70,387.00	-
LEA	960	Wayne County	145,611.00					145,611.00	-
LEA	970	Wilkes County	70,132.00					70,132.00	-
LEA	980	Wilson County	0.00			80,520.00		80,520.00	-
LEA	990	Yadkin County	83,318.00					83,318.00	-
LEA	995	Yancey County	16,015.00					16,015.00	-
		Total Allocation	9,269,789.00	-	570,505	80,520	38,500	9,920,814	38,500

School Connectivity Allocation FY 2010-2011

	As of 12/08/10			
CS #	Name	Rev. 16	Rev	TOTAL
01B	River Mill	5,841		5,841
01C	Clover Garden School	5,841		5,841
01D	The Hawbridge School (previously 68B New Century)	5,841		5,841
06A	Grandfather Academy	13,868		13,868
06B	Crossnore Academy	5,841		5,841
07A	Washington Montessori	7,551		7,551
10A	Charter Day School	5,841		5,841
11A	Evergreen Community Charter	2,193		2,193
11B	ArtSpace Charter School	5,841		5,841
11K	Francine Delany School	2,193		2,193
12A	New Dimensions	5,841		5,841
13A	Carolina International School	7,776		7,776
16A	Cape Lookout Marine HS	8,352		8,352
16B	The Tiller School	8,352		8,352
19A	Chatham Charter	8,352		8,352
19B	The Woods Charter Sch.	5,841		5,841
20A	Learning Center	14,710		14,710
24N	Columbus Charter School	7,551		7,551
26B	Alpha Academy	6,843		6,843
32A	Maureen Joy	7,776		7,776
32B	Healthy Start Academy	7,776		7,776
32C	Carter Community			-
32D	Kestrel Heights School	7,776		7,776
32H	Research Triangle Charter Academy	7,776		7,776
32K	Central Park School for Children	7,776		7,776
32L	Voyager Academy	7,776		7,776
34B	Quality Education Academy	5,841		5,841
34C	Downtown Middle School	2,705		2,705
34D	Carter G. Woodson	5,841		5,841
34F	Forsyth Academy	5,841		5,841
34G	Arts-Based Elementary	5,841		5,841
35A	Crosscreek Charter School (A Child's Garden)	8,352		8,352
36A	Highland Kindergarten	5,841		5,841
36B	Piedmont Community	5,841		5,841
36C	Mountain Island Charter School	2,321		2,321
41B	Greensboro Charter Academy	5,841		5,841
41C	Guilford Preparatory Academy (Guilford Charter School)	5,841		5,841
41D	Phoenix Academy	7,776		7,776
41F	Triad Math and Science Academy	5,841		5,841
45A	The Mountain Community School	5,841		5,841
49B	American Renaissance Middle School	5,841		5,841
49D	Success Institute	5,841		5,841
49E	Pine Lake Preparatory	7,776		7,776
50A	Summit Charter	14,710		14,710
51A	Neuse Charter School	5,841		5,841
54A	Children's Village Academy	8,352		8,352
54B	Kinston Charter Academy	8,352		8,352
55A	Lincoln Charter School	5,841		5,841
60A	Community Charter School	5,841		5,841
60B	Sugar Creek Charter School	5,841		5,841
60C	Kennedy Charter Public	5,841		5,841
60D	Lake Norman Charter Sch.	2,193		2,193

School Connectivity Allocation FY 2010-2011

CS #	Name	Rev. 16	Rev	TOTAL
	As of 12/08/10			
60F	Metrolina Regional Scholars' Academy	5,841		5,841
60G	Queen's Grant	5,841		5,841
60H	Crossroads Charter High	5,841		5,841
60I	Community Sch of Davidson (was Children's Community Sch)	5,841		5,841
60J	Socrates Academy	7,776		7,776
60K	Charlotte Secondary School	5,841		5,841
60L	KIPP:Charlotte	5,841		5,841
63A	The Academy of Moore County	7,776		7,776
63B	STARS	8,352		8,352
64A	Rocky Mount Charter Public School	6,843		6,843
65A	Cape Fear Center for Inquiry	5,841		5,841
65B	Wilmington Preparatory	5,841		5,841
66A	Gaston College Preparatory	7,551		7,551
68A	Orange Charter School	8,352		8,352
68N	PACE Academy	5,841		5,841
69A	Arapahoe Charter School	8,352		8,352
73A	Bethel Hill	2,540		2,540
73B	Roxboro Community School	8,352		8,352
78A	CIS Academy	5,841		5,841
79A	Bethany Community Middle School	5,841		5,841
81A	Thomas Jefferson Classical Academy	5,841		5,841
81B	Lake Lure Classical Academy	5,841		5,841
84B	Gray Stone Day School	7,776		7,776
86T	Millennium Charter Academy	8,352		8,352
87A	Mountain Discovery	14,710		14,710
88A	Brevard Academy	20,412		20,412
90A	Union Academy	7,776		7,776
91A	Vance Charter School	7,551		7,551
91B	Henderson Collegiate	7,551		7,551
92B	Exploris Middle School	5,841		5,841
92D	Magellan Charter	2,705		2,705
92E	Sterling Montessori	5,841		5,841
92F	Franklin Academy	6,843		6,843
92G	East Wake Academy	5,841		5,841
92K	Raleigh Charter High School	5,841		5,841
92L	Torchlight Academy	5,841		5,841
92M	PreEminent Charter School	5,841		5,841
92N	Quest Academy	5,841		5,841
92P	Southern Wake Academy (was Community Partners HS)	6,843		6,843
92Q	Hope Elementary School	5,841		5,841
92R	Casa Esperanza	5,841		5,841
92S	Endeavor Charter School	5,841		5,841
93A	Haliwa-Saponi Tribal	7,551		7,551
95A	Two Rivers Community	5,841		5,841
96C	Dillard Academy	5,841		5,841
97D	Bridges	8,352		8,352
98A	Sallie B. Howard School	6,843		6,843
99	TOTALS	$ 668,143	$ -	$ 668,143

North Carolina Charter Schools: NCREN Status – 01/03/2011

Ticket Number	Status	Institution	Connectivity Option	Target Telco Turn-Up Date	Target Service Turn-Up Date	Actual Service Turn-Up Date
275	Complete	Charter Day School	2	08/19/2010	8/23/2010	08/20/2010
280	Complete	Community School of Davidson	2	06/15/2010	07/02/2010	07/02/2010
290	Pending Customer	Quality Education Schools	2	(no data)	(no data)	
297	Complete	The Hawbridge School	2	08/24/2010	08/26/2010	09/02/2010
305	Complete	Piedmont Community Charter	2	08/13/2010	08/17/2010	09/17/2010
317	Complete	Voyager Academy (Router Replacement)	2	N/A	08/24/2010	08/24/2010
318	Complete	Union Academy	2	(no data)	07/06/2010	07/06/2010
328	Complete	American Renaissance School	2	06/29/2010	06/30/2010	06/30/2010
334	Complete	Magellan Charter School	3	12/8/2010	12/10/2010	12/14/2010
336	Complete	Evergreen Community Charter School	3	11/17/2010[3]	11/19/2010	12/14/2010
337	Complete	Mountain Island Charter School	3	11/02/2010	11/04/2010	11/04/2010
338	Complete	Bethel Hill Charter School	3	09/30/2010	10/04/2010	10/20/2010[2]
340	In Progress	Francine Delany New School for Children	3	11/10/2010[3]	11/12/2010	12/22/2010[2]
342	Complete	Lake Norman Charter School	3	10/28/2010[3]	11/03/2010	11/03/2010
406	In Progress	Downtown Middle School	3	01/21/2011	01/25/2010[1]	
411	In Progress	River Mill Academy	3	Pending		
438	In Progress	Southern Wake Academy	3	Pending		

1. Schedule pending – Target Service Turn-up Date= Target Telco Turn-up Date plus 2 working days.
2. Customer delay – resources not available to complete migration.
3. AT&T delay from initial quoted in-service date.

PUBLIC SCHOOLS OF NORTH CAROLINA

STATE BOARD OF EDUCATION William C. Harrison, Ed.D., *Chairman*
DEPARTMENT OF PUBLIC INSTRUCTION June St. Clair Atkinson, Ed.D., *State Superintendent*

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PUBLIC SCHOOLS E-RATE MONTHLY EXECUTIVE SUMMARY
January 3, 2011

Year	Requested Amount	Committed Amount	Pending Amount	Disbursed Amount	Rejected Amount
2010	$96,569,916.71	$48,526,100.55	$45,129,093.84	$6,501,372.68	$2,914,722.32
2009	$84,650,283.46	$71,028,992.60	$3,372,003.81	$50,071,383.50	$10,249,287.05
2008	$78,562,443.33	$63,577,939.48	$0.00	$55,261,485.69	$14,984,503.85
	$259,782,643.50	**$183,133,032.63**	**$48,501,097.65**	**$111,834,241.87**	**$28,148,513.22**

Total North Carolina Funding For Years Considered Still In Progress – January 1, 2011

The Universal Service Administrative Company (USAC) released Funding Year 2010 Waves 28-32[1] Funding Commitment Decision Letters (FCDLs) during the month of December. These waves included over $4.4 million in funding commitments for approved Priority 1 (Telecommunications Services and Internet Access) and Priority 2 (Internal Connections and Basic Maintenance of Internal Connections) requests for North Carolina public schools.[2] A total of (1598) Priority 1 and (364) Priority 2 requests were filed by North Carolina applicants in Funding Year 2010. Thus far (1314) Priority 1 and (118) Priority 2 requests have been funded, (66) Priority 1 and (4) Priority 2 requests have been denied, and (218) Priority 1 and (242) Priority 2 requests remain pending.

The Universal Service Administrative Company (USAC) released Funding Year 2009 Waves 75-77 Funding Commitment Decision Letters (FCDLs) during the month of December. These waves did not include any funding commitments for North Carolina public schools.

Funding Year 2008 disbursements now represent 87% of committed funds. This matches the previous utilization high-water mark set way back in Funding Year 2000.

On December 15, 2010 the FCC Wireline Competition Bureau (WCB) issued additional information listing the effective dates for each of the proposals adopted in the September 28, 2010 Sixth Report and Order. Many of the proposed rule changes go into effect January 3, 2011, exactly 30 days after publication in the Federal Register. In addition, the WCB included a list of frequently asked questions clarifying a subset of applicant and service provider inquiries stemming from the publication of the Sixth Report and Order.[3]

One clarification in particular was timely for the subset of Public Charter Schools in North Carolina that choose not to submit a Technology Plan to the state. According to the FAQ, *"…the Commission will not enforce state technology plan requirements, but encourages applicants to meet all local requirements associated [with] the technology planning process to ensure the best use of E-rate funds."* Sans this clarification USAC may have denied Priority 1 funding to those public charter schools without a state approved technology plan.

Last, but not least, approximately 90 applications were submitted or postmarked prior to the December 20th deadline for the FCC's EDU2011 pilot program on wireless Internet access services for off-campus student use. Three North Carolina school districts hurdled into the "shovel-ready" competition including Onslow County, Lee County, and Thomasville City.[4]

Since the inception of the E-rate Program North Carolina applicants have utilized $473,433,613.53 in total Priority 1 and Priority 2 requests.

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[1] The Funding Year 2010 application deadline was February 19th. Disbursements began July 1st.

[2] See Appendix A

[3] See http://www.fcc.gov/Daily_Releases/Daily_Business/2010/db1215/DA-10-2356A1.pdf

[4] See http://fjallfoss.fcc.gov/ecfs/comment_search/execute?proceeding=10-222

OFFICE OF COMMUNICATION AND INFORMATION SERVICES
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AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

Applicant	Type	Congr. District	Service	Discount %	Amount
BEAUFORT COUNTY SCHOOL DIST	School District	NC03	Internet Access	80%	$25,595.33
BEAUFORT COUNTY SCHOOL DIST	School District	NC03	Internet Access	80%	$12,000.00
BEAUFORT COUNTY SCHOOL DIST	School District	NC03	Telcomm	80%	$8,943.46
BEAUFORT COUNTY SCHOOL DIST	School District	NC03	Telcomm	80%	$74,131.20
BEAUFORT COUNTY SCHOOL DIST	School District	NC03	Telcomm	80%	$13,148.16
BEAUFORT COUNTY SCHOOL DIST	School District	NC03	Telcomm	80%	$108,206.08
BEAUFORT COUNTY SCHOOL DIST	School District	NC03	Telcomm	80%	$17,107.20
BEAUFORT COUNTY SCHOOL DIST	School District	NC03	Telcomm	80%	$38,015.23
CARTER G. WOODSON SCHOOL	School District	NC05	Internal Connections Mnt	90%	$35,100.00
CARTER G. WOODSON SCHOOL	School District	NC05	Internet Access	90%	$6,732.00
CARTER G. WOODSON SCHOOL	School District	NC05	Telcomm	90%	$6,694.92
CIS ACADEMY	School	NC07	Internal Connections	90%	$12,549.95
CIS ACADEMY	School	NC07	Internet Access	90%	$27,118.80
CIS ACADEMY	School	NC07	Telcomm	90%	$2,700.00
COLUMBUS COUNTY SCHOOL DIST	School District	NC07	Internet Access	87%	$3,450.21
COLUMBUS COUNTY SCHOOL DIST	School District	NC07	Internet Access	87%	$19,575.00
COLUMBUS COUNTY SCHOOL DIST	School District	NC07	Telcomm	87%	$42,142.73
COLUMBUS COUNTY SCHOOL DIST	School District	NC07	Telcomm	87%	$19,083.59
COLUMBUS COUNTY SCHOOL DIST	School District	NC07	Telcomm	87%	$3,681.04
COLUMBUS COUNTY SCHOOL DIST	School District	NC07	Telcomm	87%	$12,316.49
COLUMBUS COUNTY SCHOOL DIST	School District	NC07	Telcomm	87%	$127,773.80
COLUMBUS COUNTY SCHOOL DIST	School District	NC07	Telcomm	87%	$19,691.09
COLUMBUS COUNTY SCHOOL DIST	School District	NC07	Telcomm	87%	$1,953.22
COLUMBUS COUNTY SCHOOL DIST	School District	NC07	Telcomm	87%	$379,807.20
COLUMBUS COUNTY SCHOOL DIST	School District	NC07	Telcomm	87%	$13,272.48
COMMUNITY SCHOOL OF DAVIDSON	School	NC12	Internet Access	40%	$443.71
COMMUNITY SCHOOL OF DAVIDSON	School	NC12	Internet Access	40%	$4,050.00
COMMUNITY SCHOOL OF DAVIDSON	School	NC12	Telcomm	40%	$1,814.11
COMMUNITY SCHOOL OF DAVIDSON	School	NC12	Telcomm	40%	$3,008.93
COMMUNITY SCHOOL OF DAVIDSON	School	NC12	Telcomm	40%	$1,597.97
CRAVEN COUNTY SCHOOLS	School District	NC03	Internet Access	77%	$10,128.89
CRAVEN COUNTY SCHOOLS	School District	NC03	Internet Access	90%	$11,838.96
CRAVEN COUNTY SCHOOLS	School District	NC03	Internet Access	90%	$11,838.96
CRAVEN COUNTY SCHOOLS	School District	NC03	Internet Access	80%	$10,523.52
DUPLIN COUNTY SCHOOL DISTRICT	School District	NC07	Internet Access	87%	$10,700.86
DUPLIN COUNTY SCHOOL DISTRICT	School District	NC07	Telcomm	87%	$302,964.62
DUPLIN COUNTY SCHOOL DISTRICT	School District	NC07	Telcomm	87%	$22,675.89
DUPLIN COUNTY SCHOOL DISTRICT	School District	NC07	Telcomm	87%	$85,606.12
DUPLIN COUNTY SCHOOL DISTRICT	School District	NC07	Telcomm	87%	$16,658.79
DUPLIN COUNTY SCHOOL DISTRICT	School District	NC07	Telcomm	87%	$34,830.14
DUPLIN COUNTY SCHOOL DISTRICT	School District	NC07	Telcomm	87%	$6,475.83
GREENE COUNTY SCHOOL DISTRICT	School District	NC01	Telcomm	88%	$98,834.00
JOHNSTON COUNTY SCHOOL DIST	School District	NC02	Internet Access	77%	$39,175.44
JOHNSTON COUNTY SCHOOL DIST	School District	NC02	Internet Access	77%	$82,727.57
JOHNSTON COUNTY SCHOOL DIST	School District	NC02	Internet Access	77%	$60,368.00
JOHNSTON COUNTY SCHOOL DIST	School District	NC02	Telcomm	77%	$116,909.28
JOHNSTON COUNTY SCHOOL DIST	School District	NC02	Telcomm	77%	$435,991.25
JOHNSTON COUNTY SCHOOL DIST	School District	NC02	Telcomm	77%	$28,199.28
JOHNSTON COUNTY SCHOOL DIST	School District	NC02	Telcomm	77%	$51,483.25
JOHNSTON COUNTY SCHOOL DIST	School District	NC02	Telcomm	77%	$89,237.98
JONES COUNTY SCHOOL DISTRICT	School District	NC01	Internal Connections Mnt	87%	$36,195.48
JONES COUNTY SCHOOL DISTRICT	School District	NC01	Internet Access	87%	$5,937.75
JONES COUNTY SCHOOL DISTRICT	School District	NC01	Internet Access	87%	$29,411.25
JONES COUNTY SCHOOL DISTRICT	School District	NC01	Telcomm	87%	$14,240.16
JONES COUNTY SCHOOL DISTRICT	School District	NC01	Telcomm	87%	$23,437.80
JONES COUNTY SCHOOL DISTRICT	School District	NC01	Telcomm	87%	$3,100.68
JONES COUNTY SCHOOL DISTRICT	School District	NC01	Telcomm	87%	$103,317.48
LENOIR COUNTY PUBLIC SCHOOLS	School District	NC01	Internet Access	85%	$23,981.83
LENOIR COUNTY PUBLIC SCHOOLS	School District	NC01	Internet Access	85%	$12,750.00
LENOIR COUNTY PUBLIC SCHOOLS	School District	NC01	Internet Access	85%	$32,742.00

LENOIR COUNTY PUBLIC SCHOOLS	School District	NC01	Telcomm	85%	$6,306.15
LENOIR COUNTY PUBLIC SCHOOLS	School District	NC01	Telcomm	85%	$97,675.91
LENOIR COUNTY PUBLIC SCHOOLS	School District	NC01	Telcomm	85%	$133,599.60
LENOIR COUNTY PUBLIC SCHOOLS	School District	NC01	Telcomm	85%	$213,488.35
MITCHELL COUNTY SCHOOL DIST	School District	NC10	Internal Connections Mnt	87%	$107,879.97
MITCHELL COUNTY SCHOOL DIST	School District	NC10	Internal Connections	87%	$395,576.13
MONTGOMERY COUNTY SCHOOL DIST	School District	NC08	Internal Connections Mnt	84%	$29,547.00
RICHMOND COUNTY SCHOOL DIST	School District	NC08	Internal Connections Mnt	85%	$19,365.31
ROBESON COUNTY PUBLIC SCHOOLS	School District	NC07	Internal Connections Mnt	84%	$180,936.60
WASHINGTON COUNTY SCHOOL DIST	School District	NC01	Internal Connections Mnt	89%	$2,994.67
WASHINGTON COUNTY SCHOOL DIST	School District	NC01	Internal Connections Mnt	89%	$2,460.67
WASHINGTON COUNTY SCHOOL DIST	School District	NC01	Internal Connections Mnt	89%	$2,127.46
WASHINGTON COUNTY SCHOOL DIST	School District	NC01	Internal Connections Mnt	89%	$4,407.64
WILKES COUNTY SCHOOL DISTRICT	School District	NC05	Internet Access	79%	$15,357.60
WILKES COUNTY SCHOOL DISTRICT	School District	NC05	Telcomm	79%	$18,355.56
WILKES COUNTY SCHOOL DISTRICT	School District	NC05	Telcomm	79%	$263,828.40
WILKES COUNTY SCHOOL DISTRICT	School District	NC05	Telcomm	79%	$10,223.33
WILKES COUNTY SCHOOL DISTRICT	School District	NC05	Telcomm	79%	$23,261.36
WILKES COUNTY SCHOOL DISTRICT	School District	NC05	Telcomm	79%	$12,649.16
WILKES COUNTY SCHOOL DISTRICT	School District	NC05	Telcomm	80%	$7,036.90
WILKES COUNTY SCHOOL DISTRICT	School District	NC05	Telcomm	79%	$45,900.64
WILKES COUNTY SCHOOL DISTRICT	School District	NC05	Telcomm	80%	$7,003.97
WILKES COUNTY SCHOOL DISTRICT	School District	NC05	Telcomm	79%	$6,266.19

TOTAL **$4,460,235.53**