PESC Members to Vote on CRC as Official PESC Approved Standard

With all public comments addressed and resolved as well as all policies and procedures regarding the development of candidate standards, Common Record: CommonLine (“CRC”) was submitted via ballot on November 1, 2005 to the members of PESC for a vote on acceptance of CRC as an official PESC approved standard.

Members are being asked to review all official information regarding CRC as listed on the PESC website at http://www.pesc.org/workgroups/commonrecord. In order to be approved as a PESC standard, 80 percent of votes cast by members must be favorable. All ballots must be received by 6pm PST Wednesday, November 16, 2005.

ADDITIONAL INFORMATION

On August 19, 2005, NCHELP’s Electronic Standards Committee (ESC) submitted the Common Record: CommonLine (“CRC”) data exchange candidate to PESC with the objective that it become an approved and recognized education standard.

On September 1, 2005, PESC posted CRC on its website, made all corresponding announcements and communications regarding this submission, and opened a 30-day public comment period so that the education community could review and publicly comment on CRC. During the public comment period, which expired on September 30, 2005 three public comments were received. Those public comments were routed to ESC and the Standards Forum for Education’s Change Control Board (CCB). Both groups reviewed the public comments, discussed each thoroughly and meticulously, and provided responses. Those comments and responses are provided on PESC’s website.

With both the public comment and review periods successfully completed, the CCB has recommended to the Standards Forum for Education’s Steering Committee and the PESC Board of Directors that CRC be presented for a vote by PESC Members. The PESC Board of Directors
was allowed seven calendar days from the date the
CCB finalized its review (October 25, 2005) to
ensure that all proper policies and procedures have
been followed. On November 1, 2005, CRC was
presented to the PESC Members via ballot for an
official vote.

Completed ballots, including the reason(s) for any
rejection, are to be received in the PESC office via e-
mail attachment, fax, overnight delivery, or U.S.
Postal Service within ten business days. With
Veteran’s Day occurring on Friday, November 11,
2005, which will be recognized as a holiday, PESC
Members have from Tuesday, November 1, 2005
through Wednesday, November 16, 2005 at 6:00 PM
PST to cast ballots.

PESC staff is responsible for the tabulation of the
ballots; acceptance of the candidate as a standard
requires an affirmative vote of at least 80 percent of
all votes cast.

Once voting has been completed, the PESC Board of
Directors is allowed seven calendar days (November
23, 2005) to ratify the vote and accept CRC as a
PESC Approved Standard.

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Technology Tidbits

and Standards Snippets

- Members of OASIS recently announced plans to define
extensions to the WS-Security OASIS Standard to enable the
exchange of multiple SOAP messages and will define security
policies that govern the formats and tokens of those messages.
The new OASIS Web Services Secure Exchange (WS-SX)
Technical Committee is charged with refining and finalizing a set
of specifications based on three initial contributions, WS-
SecureConversation, WS-SecurityPolicy and WS-Trust. Other
contributions and changes to these input documents will be
accepted for consideration. For additional information, visit

- With a $5-million commitment, Microsoft’s MSN Search
division is joining universities and its online-search rival
Yahoo in a consortium, the Open Content Alliance, dedicated
to scanning millions of books in the public domain. The com-
pany’s pledge will pay for the scanning of 150,000 volumes,
according to a Chronicle of Higher Education article. The
endeavor, eerily similar to Google’s library project, has one key
difference it will include only books in the public domain. The
Open Content Alliance plans only to scan books that no longer
are under copyright protection.
The Federal XML Community of Practice, along with the General Services Administration and the Homeland Security Department, is revamping a federal guide for creating Extensible Markup Language-based schemas. The updated guidelines, to be renamed Federal XML Naming and Design Rules and Guidelines, emphasize a modular approach to developing federal schemas; in addition to just supplying guidelines, the revision also will provide examples agencies can use to craft their own schemas. Additional information may be accessed at http://www.gcn.com/24_29/news/37113-1.html.

The MIT Media Laboratory expects to launch a prototype of its $100 laptop this month. The facility has been working with industry partners to develop a notebook computer for use by children in primary and secondary education around the world, particularly in developing countries. The laptops should start appearing in volume in late 2006. The 500MHz laptop will run a “skinny version” of the open-source Linux operating system. It will have a two-mode screen, so it can be viewed in color and then by pushing a button or activating software switch to a black-and-white display, which can be viewed in bright sunlight at four times normal resolution. For more information, http://www.infoworld.com/article/05/09/28/HNmitlaptop_1.html.
FOR IMMEDIATE RELEASE

Contact: Michael Sessa
PESC Executive Director
202-293-7383

Datatel’s Pete Nalli Appointed PESC Board Chair
Bowling Green State University’s Craig Cornell Appointed Vice Chair

October 17, 2005 (Washington DC) ~ The Board of Directors of the Postsecondary Electronic Standards Council (PESC) is pleased to announce that Datatel’s Pete Nalli has been appointed Chair of the Board of Directors. Mr. Nalli’s appointment became effective on Monday October 10, 2005 at a meeting of the Board of Directors held in Atlanta GA during PESC’s Fall 2005 Workgroup Summit. The vacancy was created when PESC’s former Chair Keith Riccitelli announced to the Board of Directors that he is being appointed Chief Procurement Officer for Sallie Mae. In stepping down as Chair, Mr. Riccitelli, who had served in that capacity since July 1, 2000, concluded that new duties and responsibilities would fully occupy his time and efforts. Mr. Riccitelli will remain on the Board of Directors until further notice.

“It’s an exciting and thrilling time for PESC and I’m honored to serve this role for the education community,” states Mr. Nalli, Director of Architecture and Software Development for Datatel. Mr. Nalli has been designing and building software development tools since the mid 70’s. In the early 80’s, Mr. Nalli co-designed Datatel’s first application development environment, which used application generators to build Datatel’s first fund-raising solution, Benefactor, and Colleague, an integrated information technology solution designed specifically for higher education. In the 90’s, Mr. Nalli headed up Datatel’s research and development group and was instrumental in moving Datatel’s architecture from a single database focus to its current three-tier, database-independent design. For over thirty years, Mr. Nalli has been an innovator of development tools and technical architectures with a constant vision for the future that incorporates solving the business needs of higher education institutions.

With this appointment, Mr. Nalli becomes the 4th Chair of PESC’s Board of Directors. Founding Chair Mr. Jerry Bracken of Brigham Young University, representing AACRAO, served as Chair from PESC’s founding in 1997 through 1999; Ms. C.J. Thoma of Collegiate Funding Services, representing the Student Loan Servicing Alliance (SLSA), served as Chair for one year, the fiscal year 1999-2000; and Mr. Keith Riccitelli of Sallie Mae served as Chair from 2000. “The Board and community are very thankful and appreciative to Jerry, C.J., and Keith for their leadership within PESC over the years,” Mr. Nalli continued.

With the Vice Chair role vacant, as it was previously occupied by Mr. Nalli, the Board of Directors appointed Craig Cornell as Vice Chair. Mr. Cornell has served as Director of Student Financial Aid
at Bowling Green State University since June of 2003. Prior to that position, he served as Associate Director of financial aid at Kent State University. Mr. Cornell has held various positions within the financial aid community including Chair of the Technology Initiatives Committee under the National Association of Student Financial Aid Administrators (NASFAA). In 2002 that Committee was named NASFAA Committee of the Year. The PESC Board of Directors appointed Mr. Cornell based on a recommendation from Dr. Dallas Martin, President of NASFAA and founding PESC Board Member.

For more information on PESC, please visit www.PESC.org.

About PESC
Established in 1997 and located in Washington, D.C., the Postsecondary Electronic Standards Council (PESC) is a non-profit, community-based, umbrella association of colleges and universities; professional and commercial organizations; data, software and service providers; and state and federal government agencies. PESC’s mission is to lead the establishment and adoption of data exchange standards in education. The goals of the mission are to enable the improvement of institutional performance and foster collaboration across educational communities in order to lower costs, improve service, and attain system interoperability.
Summary of Meetings and Conference Calls of the AACRAO SPEEDE Committee  
Month of September 2005

This is an attempt to advise selected members of the AACRAO membership about the ongoing activities of the AACRAO SPEEDE Committee. SPEEDE is a committee that is more active year round than many of the other AACRAO standing committees.

**Face to face meetings held:** None

**AACRAO SPEEDE Committee conference calls held with number of participants:** 9/1/05 (4), 9/8/05 (9), 9/15/05 (7), 9/22/05 (9), 9/30/05 (9).

**Activities related to the Postsecondary Electronic Standards Council (PESC):** AACRAO is a founding member of PESC and is an active participant in PESC. Much of the real work of PESC is accomplished in workgroups. The AACRAO SPEEDE Committee is represented on many of these workgroups. One of the first workgroups was to develop the PESC XML Standard for the College Transcript. This was done almost entirely by the AACRAO SPEEDE Committee. This standard was approved in the Summer of 2004.

**PESC Boards and Standing Committees:** Rick Skeel of the AACRAO SPEEDE Committee was recently elected to the PESC Board of Directors. Bruce Marton and Tom Stewart, both of the AACRAO SPEEDE Committee serve on the PESC Change Control Board. This Board insures that proposals for new and modified PESC standards meet the rules and guidelines for PESC XML standards. Monique Snowden of the AACRAO SPEEDE Committee serves on the PESC Submission Advisory Board. This Board is the starting point for new proposals for standards. It does initial screening for all new proposals to insure completeness, and also encourages the submission of proposed new standards.

**Other PESC workgroups include:**

**XML High School Transcript** - The chair of this workgroup is Bruce Marton of the AACRAO SPEEDE Committee. Other members of the AACRAO SPEEDE Committee are Barry Billing, George Hudacheck, Clare Smith-Larson, Tom Stewart, and Dave Stones. This workgroup held four one-hour weekly calls this month.

During the month of September 2005, we completed a review of the proposed schema and began a review of a draft of the Implementation Guide for the schema. Bruce also prepared a document that outlines the changes that must be made in the PESC approved list of data elements before the proposed schema can be approved by PESC. The workgroup also approved this document.

The AACRAO SPEEDE Committee is also reviewing this list of changes to determine the effect these changes would have on our already approved XML College Transcript. This review should be completed on the next weekly call.

Bruce also created a sample high school transcript that uses the proposed PESC XML schema format. This sample is included in the Implementation Guide.
September 2005 Report of AACRAO SPEEDE Committee Activities

We hope to post the proposed schema and draft Implementation Guide on the PESC Web Site for a wider review of constituents within the next month or two. Bruce will present an update at the October AACRAO Technology Conference in Atlanta.

**XML Request and Response for Degree Audit** - Jason Elwood from DARS chairs this workgroup. Dave Stones and Tom Stewart of the SPEEDE Committee are members. This workgroup held one one-hour call this month.

**XML Application for Admission** - The co-chairs are Rob Killion of the “The Common Application” and Monique Snowden of the AACRAO SPEEDE Committee. This group held one one-hour call this month. It was just recently formed and still has a way to go. Barry Billing, George Hudachek, Clare Smith-Larson and Tom Stewart of the AACRAO SPEEDE Committee are also members of this workgroup.

**XML Request for Transcript and Response** - This workgroup is developing the XML Equivalent to the EDI TS146 and TS147. The original chair was Mark Jones of the National Student Clearinghouse. When he left the Clearinghouse, Bruce Marton temporarily took over that role. Bruce is about to relinquish that temporary role as chair and will be replaced by Doug Falk of the Clearinghouse. Clare Smith-Larson and Tom Stewart are officially members of the workgroup, but the entire AACRAO SPEEDE Committee participated in a review of the proposed two schemas during September. An update will be presented by Clare and Tom at the AACRAO Technology Conference in Atlanta in October.

**Other SPEEDE Activities in September:**

**AACRAO Technology Conference:** During the weekly conference calls, we also volunteered to assist the coordinators of the AACRAO Technology Conference in supplying six facilitators for program sessions that were without a facilitator. We are also presenting numerous program sessions at the Sheraton Atlanta ATC October 9-11, 2005.

**Test Code Sets for Subtests:** It was brought to the attention of the AACRAO SPEEDE Committee that the code set for subtests used in several EDI transaction sets, and also in our XML equivalent transaction sets, has not been updated in many years. Since then, several national tests have been modified and new subtests added. The AACRAO SPEEDE Committee reviewed this code set and is in the process of updating it.

**Crosswalk Table for EDI to XML (and vice versa) for the College Transcript:** The AACRAO SPEEDE Committee had already prepared the rules for converting an XML College Transcript to an EDI College Transcript (TS130). This month we worked on the rules for conversion from EDI to XML. When this is completed, the University of Texas at Austin has agreed to write the program that will allow this conversion to be automatically performed for those who use the Austin Internet Server and who ask for it to be done.
September 2005 Report of AACRAO SPEEDE Committee Activities

**ASEE Request for Electronic Transcripts:** The AACRAO SPEEDE Committee invited a representative from the American Society for Engineering Education to participate in a weekly call to discuss ways to promote the use of EDI when schools are sending ASEE student transcripts when applying for one of the ASEE scholarships. Some suggestions were made to Cynthia Reece, the ASEE rep, and that exchange should be ready to begin shortly.

**Current AACRAO SPEEDE Committee Members for 2005-2006:**

Clare Smith-Larson, Chair  
SPEEDE/Project EASIER Coordinator,  
Iowa State University

Barry Billing  
Electronic Transcripts Specialist,  
Ontario (Canada) Colleges Application Centre

Tuan Anh Do  
Assistant Director of Student Systems Support & Development,  
San Francisco State University (CA)

George Hudachek  
Associate Director of Admissions,  
University of Minnesota - Twin Cities

Bruce Marton  
Associate Director, Student Information Systems,  
Office of Admissions/Registrar,  
University of Texas at Austin

Linda Sather  
Information Technology Manager, Office of the Registrar,  
Oregon State University

Rick Skeel  
Director of Academic Records,  
University of Oklahoma

Monique Snowden  
Director of Information Technology, and  
Interim Director of Admissions,  
Texas A & M University

John T. “Tom” Stewart  
Retired College Registrar from  
Miami Dade College (FL)

David H. Stones  
Registrar  
Southwestern University (TX)

And that’s the news for September 2005 from the AACRAO SPEEDE Committee.
CommoNews, 3rd Quarter 2005

Message from the Chairs
Brian Allison, USA Funds
Bob King, Citibank

Industry associations and their committees run on the energy and commitment of their members, and the willingness of their organizations to let them direct those energies to the common good. The small cadre of participants that has been planning and performing the formal Beta Test of the Common Record: CommonLine standard since June is the latest example of this.

Through daily conference calls and the exchange and processing of hundreds of CRC files a number of organizations are supporting the extended check out of the details of the standard. This work will benefit the community as a whole allowing us to arrive at a “final” baseline implementation standard faster than if the testing had proceeded piecemeal in a less structured framework.

The test has succeeded in identifying several issues that required changes that have been made to the Implementation Guide, to the schema, and several changes to the CRC testing tool that will make it even more useful to all of us. The Origination Standards Advisory Team met in several extra sessions to resolve the issues raised and at one point we convened a meeting with software providers and ELM to be sure that the proposed solution to an issue would be acceptable to all parties. The updated components will be available in late October, but the working versions of the

GAMAT Team Update
Rob Boisen, Great Lakes

The Revised GAMAT CAM documentation was published on April 1st, 2005.

This is the first CAM documentation revision since July of 2001. In the years since then many issues have been brought to the GAMAT team. The April revisions reflect GAMAT decisions that have been made over the past four years.

The CAM documentation did not change drastically. GAMAT identified less than 20 issues that required documentation revisions. It is probable that CAM participants have already implemented many of these changes at the time that GAMAT initially responded to the issues brought before them.

To make it easy to locate the revisions we have highlighted them within each CAM chapter. In addition, each chapter is accompanied by a revisions document that

(continued on page 2)
documents and the updated test tool are available now at the NCHELP website.

The organizations supporting the effort are American Education Services (AES), American Student Assistance (ASA), Nelnet, Sallie Mae, Sigma Systems, USA Funds, and U.S. Bank. In addition AES provided very timely support in making the required changes to the CRC Test Tool. We extend heartfelt thanks to these companies and their dedicated staff who have supported the effort so well, especially through the summer vacation period and the peak processing season.

Completion of the Beta Test will mark the second recent CRC milestone. In August the standard was submitted to the Postsecondary Electronic Standards Council (PESC) for ratification as a higher education community standard. This is particularly significant because the Department of ED and several school software providers have agreements with PESC to support and use PESC approved standards.

Later this year we will also submit the Imaged Document Transfer Standard to PESC, culminating the good work done by DACAT to develop and document the standard.

The continued work of the Electronic Standards Committee and of the supporting Advisory Teams that are its life blood, is intended to meet the common needs of the FFELP community in collaboration with the rest of the Higher Education community. We are always open to consideration of new standards that would benefit the overall membership. If you are aware of a broad-based need let us know.

GAMAT Team Update
(continued from page 1)

lists the changes within each chapter.

The revised documentation can be found on the NCHELP website in the E-Library.

Possible CAM changes related to E-signature custodian

Over the past quarter GAMAT has also been discussing how CAM might be modified to accommodate the conveyance of e-signature custodian information.

E-signature custodian information is an optional field in CommonLine 4. When we started discussing this issue we were also contemplating using CAM as a reconciliation mechanism to convey missing e-signature custodian information that was not originally transmitted in CommonLine 4.

As we discussed this issue it became apparent that CAM was not a good fit for such reconciliation. The reason is that CAM is an event driven process. There is no event per se that would trigger a reconciliation of custodial IDs between business partners.

We brought this concern to the attention of the NCHELP E-sign workgroup and had a very good discussion about the use of CAM to convey e-signature custodian. After careful consideration the E-sign workgroup recommended against an industry wide reconciliation of e-signature custodian.

So at present our focus is on using CAM to convey changes in e-signature custodian. This is a good fit with the CAM process model. The GAMAT will focus on identifying the scenarios in which custodial id can change, in other words we will define the conditions under which e-signature custodial responsibility may be transferred from one entity to another. This will help us determine if there is an existing transaction (continued on page 3)
GAMAT Team Update
(continued from page 2)

that would be a good fit for this functionality. Our desire is to use an existing transaction if at all possible, but there is a possibility that we would need to create a new transaction type.

Possible CAM changes related to DPI
In the coming months GAMAT also plans to review the revised Data Provider Instructions (DPI), to determine if there are any impacts to the CAM documentation.

Originations Standards Advisory Team Update
Kristi Blabaum, Great Lakes
Kyle Smith, TGSLC

A new committee year is underway and the Origination Standards Advisory Team (OSAT) has a change in leadership. After many years as a team lead Darin Katzberg has resigned his position. We want to thank Darin for all of his hard work and dedication to the team and wish him the best of luck in the future. Michelle Jarzyniecki from Citibank will be Darin’s replacement. Welcome to the team, Michelle!

The OSAT is currently focused on resolving new issues related to the Common Record: CommonLine (CRC) Implementation Guide and its corresponding schemas resulting from the BETA test that is in progress. There have only been a few issues that have required documentation updates for clarification purposes. However, there have been multiple clarification updates to the document since the last publication in April (i.e., Namespace examples added to the layout, text clarification, etc). New issues are discussed on the bi-weekly conference calls. The BETA testing team is working at a swift pace requiring immediate resolution to most issues. Thus the OSAT leads are actively participating on the daily BETA testing calls to supply issue resolutions. All BETA testing issues and resolutions are forwarded to the OSAT for a full team review during the biweekly calls.

It is anticipated that additional CRC Implementation Guide revisions will need to be made through the duration of BETA testing; therefore, publication of the next release of the Guide has been delayed by one quarter and will be published on October 15th. A working version of the Guide is available on the Origination Standards Share Point for organizations to reference in the meantime.

Going forward, the OSAT will continue to focus on issue resolution and version management issues as they arise. Expectations are that the implementation, version management and issue resolution of the new CRC process will consume most of the advisory team’s time over the next year.

CR:C Testing Process
Jeannette Miller, Sallie Mae
Darwin Peiffer, AES

The Testing and Certification Advisory Team has been actively involved with the CRC Beta Testing efforts, through the use of the Testing Tool. The Testing Tool is fully coded for CRC, and has been extensively tested during this process. As changes are necessary to the Tool, a new version of the Tool has been placed on the CRC Beta Test site. This version will also be placed in the eLibrary of the NCHELP website, to allow other organizations not involved with Beta testing to have access to the most recent version. This is not a full update, and the Testing Tool documentation will not be updated. The versioning will continue to match the Implementation Guide,
CR:C Testing Process
(continued from page 3)

but will add a date of release at the end, i.e. 1.0.6.a07282005. Because of the immediate need for updates, during Beta Testing, conference calls were moved back to weekly on Tuesday @ 2:00 EST.

New!
Alternative Loan Issues
School Submission

This new feature in the CommonNews is intended as a forum for schools to pose questions or issues about alternative loan processing and CommonLine (or CRC), allowing lenders the opportunity to review their own processing to identify solutions.

ISSUE: Schools have reported they are receiving multiple CommonLine certification requests on the same day for the same borrower, but with different unique IDs.

Example 1: The student applied for an alternative loan on the lender’s website. The application was not signed electronically, so the student was sent paper to collect the signature. When the lender received the paper, they created a new record with another unique ID. Both now appear on the SBS, however the school is not able to distinguish which application should be certified.

Example 2: The school receives the Certification Request at the same time the student was signing and returning the paper. However, the new application tied to the paper note was now considered the “active” application by the lender, however we had already certified the initial application. Consequently, neither application was moving forward and guaranteeing.

RESOLUTION: Schools would request that if a service provider is sending a School Certification Request to the school, you would be encouraged to continue to send any updates to either the phase or status to the school. In the case where multiple applications have been initiated at the same time, the school will especially need to know which one is the active/valid application that they should be certifying. Also, if the service provider has indicated that the school should not be certifying until credit has been approved, then the school needs to receive an update to the phase code when credit has been approved.

EEAT Team Update:
Document Revision
Nathan Chitty, Nelnet
John Gill, TGSLC

While many EEAT members have been busily working on the PESC/DTS effort, some have been pulling double duty and along with other EEAT members have been finalizing the formal FTP PUSH-PULL specification. This specification represents a common business practice and is a formal recognition on the part of the EEAT that FTP PUSH-PULL is a necessary business process that most of our participants have implemented to conduct business. The current revision cycle of the NCHELP Technical Manual which is expected to be completed Q1 2006, will incorporate the results of this document and several other EEAT decisions.

(continued on page 4)
EEAT Team Update
(continued from page 4)
Other EEAT members are researching encryption technologies that will replace our current technology, which is aging. While our current encryption technologies are still believed to be safe, a Chinese cryptography research team has reported successfully attacking some of the cryptographic algorithms that are used for fingerprinting keys and signing data. Also noteworthy, our current encryption utilizes 3DES key, which has been officially deprecated in favor of AES.

ESC MEETING SCHEDULE FOR 2005 – 2006
(PLEASE NOTE 2006 DATES/LOCATIONS ARE SUBJECT TO CHANGE BASED ON HOTEL AVAILABILITY AND RATE)

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<th>Date</th>
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<td>Doubletree Crystal City</td>
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<td>Hilton Tampa Airport Westshore</td>
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Who’s Meeting in Washington DC? (TENTATIVE)

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<td>Testing and Certification. Origination Standards EEAT /DTS School Advisory Group</td>
<td>Full Committee Meeting</td>
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