SPEEDE 101

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SPEEDE/ApplyTX Conference

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AGENDA

- What is SPEEDE
- Getting Started
- Delivery Options
- EDI Layout
- Texas Specific Requirements
- Questions?

WHAT IS SPEEDE?

- SPEEDE format vs. the SPEEDE server
- Standardization of Postsecondary Education Electronic Data Exchange.
- ANSI ASC X12 Transaction Set TS130
  - Format for EDI exchange of transcripts.
  - Coded and delimited to allow unambiguous interpretation by a recipient's computer.
- AACRAO Committee
- THECB rules
- Movement by colleges to automate handling of applications, transcripts, and test scores.
- TREx Transcripts

ADVANTAGES OF SPEEDE

- Better service to your students
  - Avoids USPS and "the Mail Room"
  - Faster delivery - **More secure** (tamper-proof)
  - Eliminates postage, paper, envelopes (**$$$**)
- Possible elimination of data entry by receiving institution – supports automation
- It's expected of Texas public colleges
  - Per THECB rules (by Sept 2000)

GETTING STARTED

- Requirements
- Register with SPEEDE
- Recommended Implementation Practices for SPEEDE (RIPS)
- SPEEDE FAQs
- Quick 'n' Easy (QNE) Utility

WHAT IS MEANT BY "ELECTRONIC" TRANSCRIPTS

- THECB rule is for sending and receiving in the SPEEDE format.

- PDF transcripts definitely have their niche (see AACRAO white paper), but do not satisfy the Rule for public institutions.

- Even if a school is not sending SPEEDE, PDF should not be sent to schools without verifying their willingness to receive them.

DELIVERY OPTIONS

- Pull vs. push methods of sending and receiving transcripts
- PGP encryption option
- Email to receive inquiries and notifications

REGISTER WITH SPEEDE

- https://speedeserver.org/register/

- Enter your school's OPEID Code, name, state

- Enter contact name, phone number, email address

- Choose delivery time range preferences

- Set up SFTP account

RIPS

- Recommended Implementation Practices for SPEEDE
- http://www.pesc.org/pesc-approved-standards.html
  - Introduction and Acknowledgments
  - Data to Include in SPEEDE Transcripts
  - Conventions for Representing Data
  - Other Conventions
  - Appendices

SPEEDE FAQS

- Can we receive files as soon as they are transmitted to the server?
- Are there naming conventions for files dropped off on the server?
- What is the naming convention for files delivered from the server via FTP?
- Can the server deliver files to a GDG (Generation Data Group)?
- Can the server deliver SPEEDE and ExPRESS files separately?
- Can we change our registration information?
- Will we be notified when data is delivered to our institution?
- What IP address needs to be whitelisted to receive files from the SPEEDE Server?
- How can I separate test files from production files?
- How do I get the PGP software?
- What about SSH?

PROCESS WORKFLOW

- School ABC prepares ANSI ASC X12 compliant files with proper ISA envelopes
  - Sends file to National Student Clearing House
  - Either sends via SFTP or drops off on NSC web site
- School XYZ receives file from National Student Clearing House
  - Either file is delivered via SFTP or school picks up off NSC web site
- Process file through Acknowledgement, Translation, and Processing routine
  - QNE
  - EDI Smart
  - Home Grown scripts
  - Other vendor products such as PeopleSoft, Banner, Jenzabar.

EDI LAYOUT

- Guide to the Implementation of Transaction Set 130 – Student Educational Record (Transcript) – 123 page document

Grade 12 only), and testing information.

Heading (Table 1):

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
010	ST	Transaction Set Header	M	1			Must use	4
020	BGN	Beginning Segment	M	1			Must use	5
030	ERP	Educational Record Purpose	M	1		N1/030	Must use	7
040	REF	Reference Identification (Student Identification Numbers)	M	10		N1/040	Must use	8
050	DMG	Demographic Information	O	1			Used	10
060	LUI	Language Use	O	>1			Used	13
065	IND	Additional Individual Demographic Information	O	2			Used	15
066	DTP	Date or Time or Period	O	1			Used	17
067	RAP	Requirement, Attribute, and Proficiency	O	10			Used	18
070	PCL	Previous College	O	30			PostSec Only	20
080	NTE	Note/Special Instruction	O	100			Used	23

LOOP ID - N1					2			
110	N1	Name (Sending/Receiving Institution)	M	1		N1/110	Must use	25
120	N2	Additional Name Information	O	1			Used	27
130	N3	Address Information (Street Address of Sending/Receiving Institution)	O	1			Used	28
140	N4	Geographic Location	O	1			Used	29
150	PER	Administrative Communications Contact	O	1			Used	30

LOOP ID - IN1					15			
160	IN1	Individual Identification	M	1		N1/160	Must use	32
165	EMS	Employment Position	O	5			K12 Only	--
170	IN2	Individual Name Structure Components	M	10			Must use	34

| LOOP ID - N3 | | | | | 5 | | | |

April 1998 Version 4.0; Revised May 2009   1   ANSI ASC X12 Basis: 4010

```
ISA!00!          !00!          !ZZ!TXAPP          !ZZ!010115          !160721!2018!U!00402!160721001!0!T!$\
GS!AF!TXAPP!UTSA!20160721!0914!160721001!X!004020ED0020\
ST!189!820330001\
BGN!00!820330001!20160721!0914!CT\
N1!TM!!ZZ!TXAPP\
N1!AT!!73!010115\
REF!48!1600859848!FFRESHMAN APPLICATION ID\
DTP!196!CM!201709\
REF!SY!!STUDENT DECLINED TO PROVIDE SSN OR ITIN\
IN1!1!02!!!!18\
IN2!05!QUE\
IN2!02!SUSIE\
IN2!03!P\
REF!PSM!!Y\
DMG!D8!19990404!F!!!1!!8\
IND!!TX!!AUSTIN\
NTE!!Ethnicity=W;Race=S\
N3!7104 WATERLINE RD\
N4!AUSTIN!TX!787312023!!P\
N3!LOCAL SAME AS PERMANENT\
COM!TE!  2104164150   CP\
COM!EM!susieq@yahoo.com\
IN1!1!04!!!!51\
IN2!01!MS\
IN2!02!SUSIE\
IN2!05!QUE\
N3!7104 WATERLINE RD\
N4!AUSTIN!TX!78731\
COM!AP!  2104150613\
COM!EM!motherofsusie@yahoo.com\
```

REF   **Reference Identification (Student Identification Numbers)**

Pos: 040	Max: 10
Heading - Mandatory	
Loop: N/A	Elems: 4

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Note to User:** This code identifies the type of student identification number being transmitted in REF02. At most locales, this will be the "student number" reflected in the database of the sending institution. Identification of individuals other than the student should be included in the IN1 segment at position 01/160. If the TS 130 is in response to a TS 146 and the value in REF02 is the same value received in the BGN02 of that TS 146, REF01 would be "F8". **Code NAME** 28 Employee Identification Number 30 United States Government Visa Number 48 Agency's Student Number. This is the number assigned by an agency other than the institution sending the record. 49 Family Unit Number 4A Personal Identification Number (PIN) 50 State Student Identification Number 56 Corrected Social Security Number 57 Prior Incorrect Social Security Number C0 Canadian Social Insurance Number F8 Original Reference Number LR Local Student Identification Number MV Migrant Number SY Social Security Number	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **Note to User:** If the TS 130 is in response to a TS 146, this value may be the same value received in the BGN02 of that TS 146. In such a case, REF01 would be "F8".	X	AN	1/30	Used
REF03	352	**Description** **Description:** A free-form description to clarify the related data elements and their content **Note to User:** This is a free-form text description of the student identification number if necessary for clarification or positive identification.	X	AN	1/80	Used
REF04	C040	**Reference Identifier** **Description:** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	Comp		Not used

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EDI SEGMENTS USED FOR TEXAS REQUIREMENTS

- RAP – Requirements, Attributes, Proficiencies – with header section or course, uses 9TX to point to TX.

- NTE – free form note – with header, course, more.   Uses 9TX.

- ERP – educational record purpose

- TST – test results. Uses 9TX, plus 99999 for user-defined (via text) test name.

- SBT – subtest, with actual scores

SB1231 TRANSCRIPT CONVENTIONS FOR 6-DROP RULE

- www.tacrao.org/Documents/ 61-page pdf.
- Appendix J (p58).
- RAP Segment in header section of the TS130 ANSI ASC X12 EDI transcript:
- RAP/9TX/SB1231/Dropcount=nn/A/
- Example   RAP/9TX/SB1231/Dropcount=03/A

- RAP/9TX/TSIALL/R=ExemptOtherInst=3652/A//CM/19980901|

- With
NTE/TSIALL exempted at Univ. of Houston|

- A student with different results or reasons might have:
RAP/9TX/TSIMATH/C=Complete=TASP/R/Y/CM/199703|
RAP/9TX/TSIREAD/I=NotComplete/R/N/CM/199609|
RAP/9TX/TSIWRIT/B=CompleteCoursework/R/Y/CM/199706|

REVERSE ARTICULATION AKA REVERSE TRANSCRIPT

- SB3025 requirement – universities send transcripts back to feeder JCCs.
- How to distinguish them from other transcripts?
- ERP02=B48 (sent at request of student) in most cases.

- For Reverse Articulation,
- We could use ERP02=B50 (requested record being sent), plus . . .
- NTE/RA=ReverseArticulationTranscript just before the double N1 loop identifying sender & recipient.

CORE CODES REPORTING

- Complete at our institution:
- RAP/9TX/TXCORRCURR/FULLCURRIC/R/Y!

- Completed Elsewhere:
  - RAP/9TX/TXCORECURR/FULLCURRIC/R/Y! (as before)
  - RAP/9TX/TXCORECURR/FULLATCODE: qq:nnnnnn!
  - RAP/9TX/TXCORECURR/FULLATNAME: xxxxxxx (up to 47) xxx!

  - Where qq = inst. Code qualifier (72 for ATP, 73 for FICE
    and nnnnnn is the institution code using that qualifier.
    and ! Is whatever end of segment character you use (defined in ISA segment
    in outer delivery envelope)

QUESTIONS?

- https://speedeserver.org/
- http://www.aacrao.org/about/committees/aacrao-speede-committee
- http://www.tacrao.org/
- http://www.pesc.org/pesc-approved-standards.html
- http://tea.texas.gov/index4.aspx?id=25769817556 (TREx)
- https://www.applytexas.org/adappc/gen/c_start.WBX
- http://www.studentclearinghouse.org/