

RxQ TEIS Interfaces to CPS and SUIIS Subcommittees

Intro

- CPS and SUI S subcommittees are busy defining standards 'books'.
- The Technical Electronic Implementation Subcommittees (TEIS) of the Retail Electric and Retail Gas quadrants (RxQ) have several key deliverables with respect to Quadrant business process books.
- First 'books' requesting TEIS work are Billing (Invoice, Payment)
- Define processes to improve efficiency between CPS/SUI S subcommittees and TEIS
- Learn from WGQ processes
- Working paper 'stake in the ground' to stimulate dialogue

RxQ TEIS 'Book' Responsibilities

- Cross-reference to QEDM and Internet ET Related standards.
- Collaboration with business subcommittees on the "Technical Implementation of the Business Process (TIBP)"
- Collaboration with business subcommittees on the "Sample Paper Transaction"
- Collaboration with business subcommittees on the "Data Dictionary"

RxQ TEIS 'Book' Responsibilities

- "Code Values Dictionary"
- "Data Element Cross Reference"
- "Sample X12 Transaction"
- "X12 Mapping Guidelines"
- "X12 Transaction Set Tables"
- "Sample FF"
- "FF Guidelines"
- "FF Tables"
- Etc..

QEDM and Internet ET XRef

- Led by TEIS
- Completed after transaction sub-tabs are completed

Technical Implementation Of BP

- Led by business subcommittee
- Collaboration

Sample Paper Transaction

- Led by business subcommittee
- Collaboration

Data Dictionary

- Led by business subcommittee
- Collaboration
- Required Information (next 2 slides)

Data Dictionary Required Information

- The business name and abbreviation for each data element
- The definition of each data element
- The data group of each data element. The data group defines a group of data elements that are related to each other. For example, charge quantity and charge rate on an invoice would be in the same data group. The data group may also reflect a 'looping' relationship, where a group of data elements repeats in a transaction.
- Usage (see next slide)
- Narrative of any 'C' or 'BC' conditions
- Narrative of acceptable flavors for finite lists. (Not 'values')

Data Dictionary 'Usage'

- **M = Mandatory; must be used**
- **C = Conditional; mandatory when**
 - A) Defined conditions are met within the transaction, triggered by the conditional data element's relationship to another data element within the current data dictionary. OR
 - B) Defined conditions are met within the business process life-cycle.
- **BC = Business Conditional; mandatory based on acceptable differences in business practices documented in NAESB standards.**
- **MA = Mutually-agreed; used when both sending and receiving party agree on use**
- **SO = Sender's option; used at sender's discretion**
- **NU = Not used; when multiple scenarios are shown for a given transaction**

Code Values Dictionary

- Led by TEIS
- Collaboration with business subcommittees
- Reference existing body of work and industry/regional standards

Transaction Sub-Tabs

- **Transaction Format Priority**
- **Data Element Cross Reference**
 - Led by TEIS
- **Sample electronic Transaction**
 - Led by TEIS
 - May be X12, FF, XML, etc
- **Mapping Guidelines**
 - Led by TEIS
 - May be X12, FF, XML, etc
- **Transaction Set Tables**
 - Led by TEIS
 - May be X12, FF, XML, etc