Action Items:
1. The TAS Chair will request that a dedicated staff person be assigned responsibility for the XML database to improve technical support in light of outsourcing the IT function at DISA.
2. X12A anticipates presenting their XML work on the Postsecondary Student Academic Record at the interim TAS meeting in December.
3. For the interim TAS meetings in 2004, TAS will consider expanding the meeting length to a four or five day schedule. It will also be important to schedule a specific subcommittee for a particular day so that guests can schedule arrivals and departures appropriately without having to stay all week.
4. X12J/TG1 has been assigned responsibility for evaluating the language in the X12 Design Rules and Guidelines (shall, will, must, etc.) to ensure accuracy of intended meaning. Mr. Barnett asked TAS/TG1 complete this work by the October X12 meeting.
5. The updated XML documents will be posted on the X12 web site for access by X12 members (X12 XML Design Rules, X12.7 Context Inspired Component Architecture and XML Syntax Representation, primitive matrix, XML issues matrix).
6. Mr. Steve Bass will create a draft of the TR3 style guide with 9 chapters as a strawman, and he will look at the Appendix to ensure the definitions have been explained. Mr. Barnett said TAS will evaluate the draft following the Monday TAS meeting for Shared DMs in San Diego.

I. Remarks and Introductions
Mr. Walt Barnett, X12J Chair, called the meeting to order at 9:00 a.m. Introductions were made (see Attachment A for Attendee List). TAS expressed their appreciation to Ms. Verna Schultz, X12J Vice Chair, for handling the meeting logistics and hosting the interim meeting at AAR in Washington, D.C.

II. Confirmation of Subcommittee Representation
Mr. Barnett confirmed subcommittee representation:
X12A Tom Stewart
X12C Will Bailey
X12F Ted Adams
X12G Not Represented

X12I Verna Schultz
X12M Steven Rosenberg
X12N Steve Bass
X12H Not Represented

III. Approval of the Agenda
The preliminary agenda was reviewed, modified and approved. (See Attachment B for Agenda). Review of Request for Interpretation was added to the agenda. XML Syntax document (X12.7) will also be reviewed.
IV. Administrative Issues
Steering Committee Report
Mr. Barnett provided highlights of the issues discussed by the Steering Committee at the June X12 meeting in Nashville and the Steering Committee conference call on July 22, 2003.
X12 member survey has been distributed.
The Policies & Procedures (P&P) Task Group reviewed the proposed revisions to the X12C constitution. P&P and DISA is also working on revisions to SD2.
X12 Webmasters are reviewing the listserv usage guidelines.
X12 Member Emeritus nominations are being solicited, and selected recipients will be announced at the X12 General Session in San Diego during the X12 trimester meeting.

DISA Staff Report
Ms. Yvonne Meding, X12J Recording Secretary, reported that DISA made a decision to outsource the IT support, and Greg Lear is no longer with DISA as the Director of IT. Although DISA has not been successful in subleasing part of the office space, staff consolidated to one end of the office. It is anticipated that the DISA office will be moving to the Tysons Corner area in the fall.

At the October X12 meeting in San Diego, a special event is being planned for September 29, 2003, 10:00 a.m. – 4:30 p.m. The ASC X12 Kickoff Event features an integrated program on X12’s approach to XML development. Information-packed presentations by e-business standards experts address key business and technical aspects of X12’s XML architecture, called Context Inspired Component Architecture (CICA), and demonstrate how individuals can build XML business documents in X12’s cross-industry setting, from submitting a project proposal to outputting XML schema. Learn how X12 – with close to 25 years of experience – helps individuals and the organizations and industries they support create sound standards and implementation strategies.

The CMR tool now has the ability to capture submitter information. There is a box to check at the bottom of the submitter information screen that can be checked if you want to utilize this feature.

The ASC X12 Work Request Form is now available under Quick Links as an option titled Online DM Submission. After filling out the form, hit the Submit button.

The secretariat reported that the HTML Workbook was not displaying the transaction set tables properly, and DISA was working to resolve this issue.

V. Future Meetings Dates and Locations
Next TAS interim meeting will be held December 8-10, 2003. Las Vegas room rates were discussed. TAS reiterated their interest in the Cottonwoods in Scottsdale if the Las Vegas options failed to materialize.
The first interim meeting of TAS in 2004 is tentatively scheduled for April 5-7. The October 2003 ASC X12 trimester meeting will be held September 28 - October 3, 2003 in San Diego, California. The dates and locations for the trimester meetings in 2004 are as follows
February 1-6, 2004 - Seattle
June 6-11, 2004 - Chicago
October 3-8, 2004 - Miami
VI. Approval of the June 2003 X12J Minutes
A motion was made and seconded to approve the X12J June 2003 Minutes. Approve 8; Disapprove 0; Abstain 0. Motion carries and the minutes were approved.
The July 22, 2003 conference call minutes were also approved. Approve 6; Disapprove 0; Abstain 0. Motion carries and the minutes were approved.

VII. Request for Interpretation
At the June X12 meeting, the Procedures Review Board (PRB) assigned TAS the responsibility of developing a response to a request for interpretation from Kevin Prather. After TAS reviewed and discussed the request, they developed the following response:
You are correct. There is no code source in 4010. If the code source had been available, then the codes could be used. The external list (code source 46) was not added until 4030. TAS said it was not appropriate to reference these codes. The codes listed under DE 150 for 4010 is a complete list that is available for use, and they are the only allowable values under 4010.
Motion to accept this wording as the TAS response. Approve 6, Disapprove 0, Abstain 0.

The secretariat distributed two new requests for interpretation that had been received after the X12 meeting in Nashville. When these new requests are distributed to PRB, TAS asked that the following comment be included regarding the Damia Ulinski request: Do not send a carriage return line feed (CRLF) at the end of 80 bytes. It is wrong.

VIII. Review of Code Maintenance Requests (CMRs) and New Work Requests
TAS reviewed the comments received on the latest batch of CMRs and the new work requests. Refer to the technical minutes for disposition of CMRs and DMs.

IX. XML Initiatives
Several X12 subcommittees have been progressing their XML development work on the following projects:
• Education Administration (X12A): Postsecondary Student Academic Record
• Finance (X12F): Product Delivery Invoice
• Transportation (X12I): Status Notification
Although these projects are still in the development phase, the review of these submissions provides TAS with the opportunity to utilize the X12 XML Design Rules document and the X12.7 Context Inspired Component Architecture and XML Syntax Representation document for evaluating the subcommittee work and determining areas where synchronization or clarification may be needed.

General Questions Discussed in TAS
Since 8.2.10 in the design rules states that responsible subcommittee owns the template, the question was raised as to who owns the core template that all of the subcommittees will use as the basis for creating their subcommittee specific template. Should the X12I submission be identified as the Transportation Status Notification. Ms. Schultz said there is a document behind the X12I Status Notification template. Design rules 8.2.4 illustrates that there can be different
templates (ACH Payment Request, Wires Payment Request, Credit Card Payment Request, etc.) that are all in the same template family.

The database should capture the template family (for instance, Transportation Status Notification would be in a template called Status Notification). The description of the slot should show in the database beside each slot name (also M mandatory and O optional should be changed to single/multiple as appropriate).

TAS agreed that no single work group can develop a template that is generic enough to accommodate the varying needs of all subcommittees. TAS will have to monitor the template development to see the balance between generic and too specific.

The question was asked "How do we determine what goes into the header and the detail?" Ms. Shreve said it is a business decision. Templates (see section 8 of the design rules) provides an explanation that the header applies to the entire business process and specifies the business context and parties to the business exchange.

Min max is no longer defined at the slot level. The XML names in the database will be derived by using an algorithm (they should not be done by hand by taking out the spaces or using inconsistent abbreviations). The subcommittees will use English names, and there will probably be a dictionary to capture the XML names. Standard abbreviations are published in an old technical report titled "X12-XML: An Experimental Methodology for the Representation of X12 Semantics in XML syntax."

The question was raised regarding the philosophical approach for modeling, i.e., should normalized modeling be used? Mr. Barnett recommended that TAS adhere to existing constructs where possible that can be used by developers. For instance, city was added to one X12I construct without state or country. This information will be given to TG1.

Both X12.7 and Design Rules need additional cleanup; however, there were no major conceptual changes noted.

Comments Regarding Forms, Database, and Design Rules
Suggestion was made to delete design rule 6.4.1 Position - sequential number that indicates the position of the member within the Block.
6.4.5. Identity I and Characteristic C are valid values of use for a block. Add these fields into the database.
In database, correct XML Name to be the usage name (qualified organizational party) - does not currently appear to be XML names.
Consider giving a view of the abstract super-class and concrete sub-class for every section in the design rules.
Preferred indicator for repeats is MinOccurs and MaxOccurs.
Enhance design rules to add examples to assist TAS in evaluating submissions.

X12.7 Context Inspired Component Architecture and XML Syntax
Ms. Lisa Shreve, Chair of X12J/TG1, provided an overview of the X12.7 Context Inspired Component Architecture and XML Syntax document. The following comments were made:
1. The Table of Contents needs updating to reflect proper tagging (example 4.5.1 says 24 and 4.7 says 27, and some of the page references are incorrect.
2. The original document was a reference model, and pieces were drawn from that document to create X12.7. The last step is to rewrite the reference model.
3. On page 5 there is Table 2 of related standards and the request was made to add URLs to the table.
4. Although the next table covers basic structure, it does not address core component types that are covered in the Design Rules. Therefore, the two documents should be synchronized by adding core component types to the Table 3 in X12.7.
5. Suggestion was made to use consistent spacing in Table 3. The cross-reference of definitions in Table 3 need to match the definitions shown in the XML Design Rules (perhaps remove "Finest level of detail…" It seems the basic first sentence from XML Design Rules is appropriate to use in X12.7.)
6. Terminology will be clarified in Section 4.1.
7. Consideration will be given to adding a separate section to show the CCTs. Ms. Shreve noted that table talks about CCT under primitives.
8. Consider revising the document to start with CCT description (truly the bottom) rather than starting with primitives.
9. X12 XML Design Rules needs to be corrected to reflect that the slots can be single or multiple in a template. 8.4.5 ReqDesignator needs to be changed to single and multiple instead of required and optional to synch with the recent change in X12.7.
10. Context Category Value Pairs design rules 8.4.8.4 needs to be rewritten. (Show at the slot and module level in the reports). Also, X12.7 should include the values for each context category and which codes are used for each of the values.
11. In X12.7, 4.8.4, last line is incomplete before 4.8.5.
12. XML data types are linked to CCTs (so X12.7 should tie those two together for clarity).

Demonstration of the XML Database Workbook Report Tool
Mr. Steve Bass previewed the XML database to demonstrate capability of drilling up and down. Properties (min/max, repeats, etc.) are assigned when we use the block in a module. Therefore, abstract super class is the basic structure (such as first name, middle name, last name). When used in a specific situation, the properties of name can vary (min/max length, etc.) Each time that block is used in a module, it is a concrete sub-class of the abstract super class (TAS made the suggestion to consider wording like generic and detail).

TAS asked "If there are three Party Names, how can you tell which one you are looking at (what is the length)?" Show the usage name at the primitive level to help clarify.

X12.7 specifies the metadata. Bookmarks (that provide a tree view) are available for showing the 14 levels of the hierarchy. Ms. Schultz stated there is a need in evaluating new proposals to determine if lengths will meet the business need. Ms. Shreve it would be necessary to to drill down the each of the modules to the primitive level to see if it would meet the needs. TAS agreed there is a desire to see all of the concrete sub-classes for a particular primitive. Ms. June Arnold, member of the Transportation Subcommittee, said the spreadsheet view is very helpful in understanding the tree structure of a module.

First name is a usage name of a primitive. Today we only allow one length. The proposal now is to accommodate variable lengths, and it may become unmanageable. The business context is set at the module level.
Finance TAS Representative, suggested picking the longest length that we use today, and select it. Like the current cross referencing in the X12 standard, all the places where an entity is shown needs to be displayed in the XML database.

The database will handle the data in alphabetic order or sorted. General rule of thumb: If it appears in design rules, then it should appear in the reports and on the forms.

**Summary of Work Plan for the TAS Meeting**

Ms. Shreve listed the XML-related tasks that need to be addressed at this meeting:

- Review X12.7 (this could be covered during a conference call)
- Synchronize the terminology and key concepts presented in the XML Design Rules, and the XML architecture document, such as:
  - Functional difference that needs to be corrected regarding single vs.multiple (these issues need to be addressed in the Design Rules and the database).
  - X12.7 references Mandatory, Optional and it now has a 'Not Used'. Therefore, the Design Rules need to also reference 'Not Used'.
  - Mr. Barnett said it is the responsibility of X12J/TG1 to harmonize these documents.
- Review X12I Status Template
- Review X12A content
- Discuss the Issues Matrix
- Add to the list of Primitives
- Discuss content to make available for reuse by other groups
- Determine the list of values for Business Process, Business Subprocess, etc. (Catalog of common business processes) - this can be handled on a conference call
- Decide code sources for context categories - this can be handled on a conference call

**Review of X12I Status Template**

Ms. Arnold presented the X12I generic transportation status message. She noted that the original goal was to create one generic message that could be used by all, but the decision was made to create two templates, one for generic and one for small package. The majority of the modules were reusable.

The older outdated information should be deleted from the database since the X12F and X12I submissions have been redone. Currently, the database does not match the latest revisions from X12I.

Some of the slots lend themselves to being so generic they will be used by many subcommittees.

There was concern expressed that the 'equipment information' and 'package information' slots seemed to make the template status notification less generic. Do the slots match the Design Rules and are they appropriate in the template? Should the template indicate that this status notification is for transportation? When one specific message is needed, a module is linked to each slot. Multiple documents can be derived from the same template because different modules are used in the slots.

Status Requestor single
Reporting Entity Reference - single
Reporting Entity - single
Interested Party - multiple
Status Information - multiple
Equipment Information - multiple
Package Information - multiple

Terminology Party (role related) is typically used to define individuals and entities is typically used to define companies although there may be specific contacts. Consider consistent usage of party vs. entity.

Enhance Report for the Slot screen to say "Module Name" or "Module Usage Name" rather than just "Name" (the small font text provides clarification).

XML tag names must be universally unique. For example, Interested Party Slot and Interested Party Module could be shown as InterestedPartySl and InterestedPartyMo. Names can not start with a number.

Module Discussion (Status Notification)
In modules, the report shows a right hand column labeled Name and this refers to the construct of the Block usage name. When do we use qualifiers and when do we use usage names? We need consistency. Probably use "Qualifiers" as a rule of thumb. In modules, min max: If M mandatory, the min must be 1, whereas, if Optional, min can be 0. "A" means at least one of. "X" means only one of (exclusive). Under Interested Party Module, both " requirements should be A, O, A (database will be corrected).

9.2.1.4 in Design Rules Module Instance Relationship will be deleted.
Module Class needs to be in the database and appear in the reports.
9.2.2.3 Requirements Flag needs to reflect X, M, A, or O instead of R and O.

There needs to be one comprehensive list in the database for capturing the Organization Party (rail has 52 expected parties). Party Role Code is a min 2, max 3 (refers to DE 98; valid values must be identified - 52 for rail, etc.)

Concrete sub-class have specified properties and can be used multiple times.

Occurrences and lengths must be clarified in the report.

Use of Codes
As part of a CC type, an external code list can be defined. There was a question if the new XML database should have it's own code list instead of pointing to the X12 standard. Ms. Schultz said she prefers that the code list be shared, i.e., allow pointing back and forth.
TAG could be shipper's name (this is what XML was developed for)
SH - shipper
Role text shipper
The design rules and the forms should specify where the codes will come from. Possibly, the information could be on the form, and possibly the form could be added as an appendix to the design rules.

Discussion of Locations (Status Notification)
Ms. Arnold said there was an issue to resolve regarding various transportation modes trying to use a common document when each of the groups identify address differently (a railroad does not have a street address, and motor does not
have a rail location specification). Individual modules could be created, but the customers want one single solution. Ms. Cimini-Fernandez said she would find more information about Air Location. Missing 'Other'.

Review of Postal Component
'Postal' is a misnomer: it should actually be the physical address. This information will end up being used by everybody. There is a difference between physical location of a company (physical address) and delivery location, and there will be multiple ways to express location. When implemented at the module level, Not Recommended can be used where appropriate. Consider creating a separate one to carry P.O. Box as part of the address. One of the components of the block could be the geo-political aspect. The physical address could be considered the simple one, and the postal address could be the detailed (complex) version. The simple version could be used as a block, and the complex version could be used as an assembly. Street address could be multiple occurrences (repeating address) instead of street address line 1, street address line 2.

Ms. Arnold captured the following information regarding address:

Block Simple Address
  Prim Street Address
  "
  "
  Prim City
  Prim State (or Commonwealth, Territory, Province)
  [Note: ISO uses State or Province to cover international division of a country]
  Prim Country
  Prim Postal Code

Block - Parsed Address
  Prim Building Name
  Prim Room
  Prim Suite
  Prim Apartment
  Prim Floor
  Prim Department

Parsed Street Address is a component
  Prim Direction
  Prim Prefix
  Prim Suffix

Geo-political Block
  Prim Territory
  Prim County
  Prim Parrish

Survey
  Prim Lot
  Prim Block
  Prim Section
The question was asked "Is postal code a code or an identifier?" Ms. Schultz said it is a code if it is a shortened version (abbreviation) representing something specific, such as MD for Maryland. If Maryland is spelled out, it would be a text value.

It is difficult to view the architecture because it requires drilling down and there needs to be a higher overview to see the bigger picture (like an XML architecture tool or something similar to the view provided by EDISM). Mr Adams questioned the Abstract Super Class Dual Coded Location; when would we have Triple Coded Location, etc. Why not call it Multi Coded Location?

Geographic Coordinates includes
Degrees
Minutes
Seconds
Direction

Ms. Arnold identified what the tags would be bounding as follows:

\[
\begin{align*}
<Longitude> \\
\hspace{1cm} <Degrees> 360 </Degrees> \\
\hspace{1cm} <Minutes> __ </Minutes> \\
\hspace{1cm} <Direction> E </Direction> \\
</Longitude>
\]

Ocean Location
  - UN Location
  - Schedule D code
  - Schedule K code
  - City Name

Interested Party - text of the city does not belong where X12I suggested architecturally. The general block (abstract super class) is like DE type (this is too low). There is a class of location at the city geo-political level, and there might be a name or coding scheme for handling this (Ms. Shreve indicated that the abstract super class was wrong).

Ms. Shultz reported regarding Latitude and Longitude that it is OK to divide it up as long as you are not sending symbols. GPS should not be sent because it not only involves latitude and longitude but it also includes time. GPS is 1500 bytes per transmission (includes Latitude, Longitude, time of hours, minutes, seconds).

Person Name
  - Hyphenated go into surname. Given name is the first name. Surname is the one inherited (family name).
Qualified Organization Party
  - Add a role under Person Party
Equipment Information (Remove 3 Part from the description of the Abstract Super class so that it reads simply the generic "Equipment Identification".

Vessel Identification (the four primitives are listed below):
  - Registration Number
  - Vessel Name
Radio Call Sign
Voyage Information (this one was questioned)

The completeness of the documentation is critical. The description field is important because some of the discussion can be captured so as to not be lost. Part process, part art, and part science.

Service Information
Service Level Code
Service Zone
Residential Delivery Indicator (determined by the CCT) If there is a third value in the future other than residential or commercial, it is not an indicator. In other words, it is not a yes/no, 0/1). Therefore, there may be an enhancement in the future to use a code list instead of the (yes/no, 0/1) boolean.

Cross Reference
June Arnold asked what is the concept of cross reference? Basically, it is the issue of creating relations between equipment that is reported in different places. For instance, you do not always know what your top will be. A container is a box that may or may not be placed on a chassis.
June wrote:
Vessel
   Trailer
   Containers
   Chassis
   Flat Car
Recursion is not suitable. Next approach considered was to establish a set of pre-defined number of levels for equipment (but that is subject to change). So, they came up with a way of cross-referencing by assigned a reference ID. Then separate from that, piece of equipment #1 relates to #2 in this way. It is a manual HL structure. Ms Shreve said there is a need to create this type of general purpose relationship building, and the HL structure lends itself as a suitable model allowing two things to be related and explaining what that relationship is. Mr. Adams noted that ID Ref in XML is used in MISMO to identify a particular grouping of data (prevents the need to establish a hierarchical structure). The pointer does not have any intelligence, it is not business data, it is a constructing for linking data. The business need was to link A with B, and that need has been met.

Initial Review of X12A XML Work on Postsecondary Student Academic Record
Mr. Tom Stewart, X12A TAS Representative, explained that AACRAO and PESC (Postsecondary Electronic Sandards Council) are the two groups that have been developing this proposal (some are pushing to implement a schema soon). The goal in sharing their initial work with TAS is to gather feedback on the components and primitives and to satisfy constituents that work is progressing. Note: Seems to be based on pre-CCT information. There is only one CCT Date, but there needs to be primitives to handle date information.

Template XML Student Transcript
Slots:
   Sending To
   SendingFrom
   Student Demographic info
   Academic Record
Modules for those slots

Primitives Summary by CCT:
Code - 32
Date - 15
Identifier - 14
Indicator - 5
Measure - 1
Numeric - 4
Quantity - 7
Text - 45

Primitives matrix should stay in full X12J.

Mr. Stewart said it would be helpful to come up with primitives for date, i.e., Birth Date, Deceased Date, etc.

Primitives by CCT Date (15)
Pages 1, 4, 15
23, 25, 34, 35
54
61, 69
87
104, 105, 106, 111

Date, Date Ranges
Begin Date, End Date, and a measure of the duration.
Format is specified in the CCTC.
Lisa suggested having a WebEx session to discuss dates (MISMO can provide sample dates).
Session date uses only the starting year and month (TAS said that was a format).

Measure (page 103)
ScoreValue
A, B, C, D, etc. are not considered a measure according to the CCT. Ted said
Quantity
might be acceptable for Score.
Tom said there are approximately 100 variations of the grading scales.

Primitives by CCT Identifier (14)
14,
24,
40,
73, 74, 75, 76, 77, 78, 79
86, 99,
109, 110

Page 24, probably should be a Code rather than an Identifier. Key around whether you are using an abbreviation. If the program has an ID, call it an identifier.
Ms. Schultz explained the difference between code and identifier with the following description:
A code is an abbreviation.
An identifier identifies one particular thing (one word, one phrase, etc. example: IRS number, Social Security Number).

Primitives by CCT Code (32)
6, 7, 11, 12, 19, 20, 22, 27, 33, 36, 37, 42, 46, 51, 57, 59, 62, 63, 64, 84, 85, 89, 91, 93, 94, 97, 98, 111, 112, 113, 116, 119

Primitives by CCT Indicator (5)
5, 50, 100, 101, 102

Score Status - have a whole list of possible statuses instead of having a proliferation of indicators (Mr. Stewart said the codes are not mutually exclusive).

Primitives by CCT Numeric (4)
17, 18, 32, 58

TAS suggested that ClassRank (page 17) was a Quantity, not a Numeric. How are XML data types linked to CCT (so X12.7 should tie those two together for clarity). Course Credit Value is used in a calculation, but in itself it is not a calculation. Therefore, the Course Credit Value number itself is Quantity, and the calculation would be numeric.

X12.7 page 36, data types may need to be enhanced to be in line with out expanded data types.

Primitives by CCT Quantity (7)
29, 41, 47, 48, 49, 107, 123

Page 29, Course Credit Earned is a quantity.

Primitives by CCT TEXT (45)
2, 3, 8, 9, 10, 13, 16, 21, 28, 30, 31, 38, 39, 43, 44, 45, 52, 53, 55, 56, 60, 65, 66, 67, 68, 70, 71, 72, 80, 81, 82, 83, 88, 90, 92, 94, 96, 108, 114, 115, 118, 120, 121, 122, 124

Page 8, AddressAttentionLine should be Code.

In MISMO, they use an Enumerated Data Type (there is a definable list associated with the data, ex. Enumerated list could be A, B, C, D, E, F.)
The next steps will be to rework the primitives and components based on TAS recommendations, and then complete the submission of template, slots, assemblies and blocks by November 2003 in preparation for TAS review in December at the interim meeting.

X. XML Issues Matrix
The matrix was discussed off-line instead of by full TAS. The updated matrix will be posted on the X12 web site.

XI. DM Ballot Response Development (X12J/TG4)
TAS addressed the ballot comments received on the June 2003 DM Voting Package and prepared the ballot comment response letter for the rebuttal ballot.

XII. X12 Design Rules and Guidelines
Mr. Barnett addressed the status of elevating the X12 Design Rules and Guidelines to become a standard. He asked that X12J/TG1 accept responsibility for evaluating the language in the X12 Design Rules and Guidelines (shall, will, must, etc.) to ensure accuracy of intended meaning, and that the work be completed by the October X12 meeting.

TAS provided the following comments:
Guidelines has a section that says "Reserved for future use"; TAS suggested that this section be removed.
TAS noted that the 3.5 Terminology section in the XML Design Rules defines the must, may, etc., and this type of approach should be considered for the X12 Design Rules and Guidelines. Separate those things that are optional from the things that must be done.
"Must" - will be done
"Should" - recommended (valid reasons should be provided if a guideline is not being followed.
"May" - optional

XIII. Technical Report 3 Implementation Style Guide
Mr. Barnett said X12J, DISA, and X12N had been directed by the Steering Committee to develop a style guide for TR3s to cover presentation and content, but not process. Mr. Bass explained that X12N has been publishing IGs for several years. The IGs for X12N are an amalgam from UCC, transportation, etc. with use required and situational. The X12N Handbook is process-oriented to assist IG developers in creating their IGs. Mr. Barnett said the X12N handbook could be helpful in developing the style guide for TR3s. Ms. Schultz said the rail industry uses vocabulary that mirrors X12. For instance, rail does not use the term situational, yet the X12N IGs uses required, not used, and situational. She added that TAS probably does not have the business expertise to develop a style guide to the level of detail used in the X12N style guide. TAS is not writing business rules, but the X12N IG contains many business rules.
Mr. Stewart said X12A had published a style guide for TR1s. Mr. Barnett said the X12A document may be helpful. The X12C Interpretation of X12 Standards is another document that also needs to be evaluated along with the X12A style guide that was created back in the early 90s’. Mr. Barnett said the goal was to create a style guide on a generic level so as not to negatively impact those that already have implementation guides. TAS should specify key pieces in the document, but TAS will not dictate the purchase of any particular software.

Since DISA is responsible for maintaining technical reports, a tool must be used for achieving uniformity for TRs. TAS felt that the content and presentation must be fairly specific and detailed or the submissions from different subcommittees will vary greatly. The responsibility of the TR3 belongs to the subcommittee that developed the transaction set. TAS is responsible for ensuring the pieces are there, i.e., the level at which TAS defined the pieces that must be included, such as a table of contents, introduction, the industry convention, the actual X12 standard (if required), and terms that are being used.

Mr. Bass said one important consideration that must be addressed is developing the criteria for evaluation (TAS is responsible for approving technical reports for publication). Mr. Bass offered to create a draft with 9 chapters as a strawman, and look at the Appendix to ensure the definitions have been explained. Mr. Barnett said TAS will evaluate the draft following the Monday TAS meeting for Shared DMs at the upcoming X12 meeting in San Diego.

The meeting was adjourned at 3:00 P.M.

Respectfully submitted,
Yvonne Meding
ASC X12J TECHNICAL ASSESSMENT SUBCOMMITTEE
INTERIM MEETING ATTENDEES
Washington, D.C.
August 4-6, 2003

Ted Adams
Doug Anderson
June Arnold
Will Bailey
Walt Barnett
Steve Bass
RitaMarie Cimini-Fernandez
Sherry Gajeski
Yvonne Meding
Nat Obey
Steven Rosenberg
Verna Schultz
Lisa Shreve
Tom Stewart
## Monday, August 4, 2003  9:00 a.m. - 5:00 p.m.

<table>
<thead>
<tr>
<th>Time</th>
<th>Agenda Item</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 a.m.</td>
<td>Call to Order</td>
<td>Walt Barnett</td>
</tr>
<tr>
<td></td>
<td>Introduction of Attendees</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Approval of the Agenda</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Administrative Issues</td>
<td>Walt Barnett</td>
</tr>
<tr>
<td></td>
<td>Steering Committee Report</td>
<td></td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>DISA Staff Report</td>
<td>Yvonne Meding</td>
</tr>
<tr>
<td></td>
<td>Approval of TAS Minutes</td>
<td>Walt Barnett</td>
</tr>
<tr>
<td></td>
<td>June 2003 TAS Minutes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>July 22, 2003 TAS Conference Call Minutes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Data Maintenance</td>
<td>Full X12J Subcommittee</td>
</tr>
<tr>
<td></td>
<td>CMR Comment Review</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Review of New Work Requests (XXX303)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>June 2003 DM Ballot Response Development</td>
<td>Full X12J Subcommittee</td>
</tr>
<tr>
<td></td>
<td>Status of Elevating Design Rules to a Standard</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Technical Report 3 Implementation Style Guide</td>
<td></td>
</tr>
<tr>
<td></td>
<td>XML Initiatives</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Review of XML Design Rules</td>
<td>Full X12J Subcommittee</td>
</tr>
<tr>
<td></td>
<td>XML Issues Matrix and XML Database</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Review of Subcommittee XML Work</td>
<td>Full X12J Subcommittee</td>
</tr>
<tr>
<td></td>
<td>X12I XML Work on Status Notification</td>
<td></td>
</tr>
<tr>
<td></td>
<td>X12A XML Work on Postsecondary Student Academic Record</td>
<td></td>
</tr>
</tbody>
</table>

## Tuesday, August 5, 2003  9:00 a.m. - 5:00 p.m.

<table>
<thead>
<tr>
<th>Time</th>
<th>Agenda Item</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 a.m.</td>
<td>Continuation of XML Review of Subcommittee</td>
<td>Full X12J Subcommittee</td>
</tr>
<tr>
<td></td>
<td>Full X12J XML Work:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>X12I XML Work on Status Notification</td>
<td></td>
</tr>
<tr>
<td></td>
<td>X12A XML Work on Postsecondary Student Academic Record</td>
<td></td>
</tr>
</tbody>
</table>

## Wednesday, August 6, 2003  9:00 a.m. - 5:00 p.m.

<table>
<thead>
<tr>
<th>Time</th>
<th>Agenda Item</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 a.m.</td>
<td>Continuation of XML Review of Subcommittee</td>
<td>Full X12J Subcommittee</td>
</tr>
<tr>
<td></td>
<td>Full X12J XML Work:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>X12I XML Work on Status Notification and X12A XML Work on Postsecondary Student Academic Record</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Review of TAS Handbook</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Adjourn.</td>
<td></td>
</tr>
</tbody>
</table>
2.1 CURRENT DATA MAINTENANCE FOR X12 VOTE

Table 1 lists those DMs included in this report which are approved for ballot to the X12 Committee by the ASC X12 Procedures Review Board at the most recent ASC X12 meeting. DMs are shown in sequential order. The DM number is followed by a page number in Section 3 where the DM can be found.

Table 1 - Current Data Maintenance for X12 Vote

<table>
<thead>
<tr>
<th>DM NUMBER/PAGE NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>058303 . . . 9</td>
</tr>
<tr>
<td>059303 . . . 9</td>
</tr>
<tr>
<td>063303 . . . 11</td>
</tr>
<tr>
<td>064303 . . . 12</td>
</tr>
<tr>
<td>075303 . . . 16</td>
</tr>
<tr>
<td>078303 . . . 18</td>
</tr>
</tbody>
</table>

2.2 CURRENT DATA MAINTENANCE FOR REBUTTAL VOTE

Table 2 lists those items prepared for Rebuttal Vote included in this report. Only X12 members who voted on the item during its initial ballot period receive this material. The DM number is followed by a page number in Section 3 where the DM can be found.

None

2.3 SUBCOMMITTEE INDEX

Table 3 organizes DMs included in this report according to the X12 subcommittee(s) to which the DM has been referred. All open items are shown. Subcommittees are listed alphabetically by letter designation (X12A, X12C, etc.). A DM may be referred to more than one subcommittee. The DM number is followed by a page number in Section 3 where the DM can be found. Page numbers are consecutive throughout this volume.

Table 3 - Subcommittee Index

<table>
<thead>
<tr>
<th>X12A - Education Administration</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM NUMBER/PAGE NUMBER</td>
</tr>
<tr>
<td>060303 . . . 10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>X12C - Communications &amp; Controls</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM NUMBER/PAGE NUMBER</td>
</tr>
<tr>
<td>112299 . . . 4</td>
</tr>
<tr>
<td>089200 . . . 4</td>
</tr>
<tr>
<td>054202 . . . 5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>X12F - Finance</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM NUMBER/PAGE NUMBER</td>
</tr>
<tr>
<td>089200 . . . 4</td>
</tr>
<tr>
<td>060303 . . . 10</td>
</tr>
<tr>
<td>066303 . . . 13</td>
</tr>
<tr>
<td>073303 . . . 15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>X12G - Government</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM NUMBER/PAGE NUMBER</td>
</tr>
<tr>
<td>062303 . . . 11</td>
</tr>
<tr>
<td>C1300 . . . 21</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>X12I - Transportation</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM NUMBER/PAGE NUMBER</td>
</tr>
<tr>
<td>C0750 . . . 8</td>
</tr>
<tr>
<td>C0760 . . . 8</td>
</tr>
<tr>
<td>057303 . . . 9</td>
</tr>
<tr>
<td>060303 . . . 10</td>
</tr>
<tr>
<td>061303 . . . 10</td>
</tr>
<tr>
<td>065303 . . . 12</td>
</tr>
<tr>
<td>067303 . . . 13</td>
</tr>
<tr>
<td>068303 . . . 13</td>
</tr>
<tr>
<td>069303 . . . 14</td>
</tr>
<tr>
<td>070303 . . . 14</td>
</tr>
<tr>
<td>071303 . . . 15</td>
</tr>
<tr>
<td>072303 . . . 15</td>
</tr>
<tr>
<td>073303 . . . 15</td>
</tr>
<tr>
<td>074303 . . . 16</td>
</tr>
<tr>
<td>075303 . . . 16</td>
</tr>
<tr>
<td>076303 . . . 17</td>
</tr>
<tr>
<td>077303 . . . 17</td>
</tr>
<tr>
<td>C1130 . . . 18</td>
</tr>
<tr>
<td>C1200 . . . 19</td>
</tr>
<tr>
<td>C1250 . . . 20</td>
</tr>
<tr>
<td>C1260 . . . 20</td>
</tr>
<tr>
<td>C1270 . . . 20</td>
</tr>
<tr>
<td>C1300 . . . 21</td>
</tr>
<tr>
<td>C1340 . . . 23</td>
</tr>
<tr>
<td>C1360 . . . 23</td>
</tr>
<tr>
<td>C1380 . . . 23</td>
</tr>
<tr>
<td>C1390 . . . 24</td>
</tr>
<tr>
<td>C1400 . . . 24</td>
</tr>
<tr>
<td>C1410 . . . 25</td>
</tr>
<tr>
<td>C1420 . . . 25</td>
</tr>
<tr>
<td>C1430 . . . 25</td>
</tr>
<tr>
<td>C1450 . . . 26</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>X12J - Technical Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM NUMBER/PAGE NUMBER</td>
</tr>
<tr>
<td>112299 . . . 4</td>
</tr>
<tr>
<td>A0300 . . . 7</td>
</tr>
<tr>
<td>058303 . . . 9</td>
</tr>
<tr>
<td>059303 . . . 9</td>
</tr>
<tr>
<td>063303 . . . 11</td>
</tr>
<tr>
<td>064303 . . . 12</td>
</tr>
<tr>
<td>075303 . . . 16</td>
</tr>
<tr>
<td>078303 . . . 18</td>
</tr>
<tr>
<td>C1160 . . . 19</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>X12M - Distribution &amp; Warehousing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM NUMBER/PAGE NUMBER</td>
</tr>
<tr>
<td>C1130 . . . 18</td>
</tr>
<tr>
<td>C1140 . . . 18</td>
</tr>
<tr>
<td>C1200 . . . 19</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>X12N - Insurance</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM NUMBER/PAGE NUMBER</td>
</tr>
<tr>
<td>121302 . . . 6</td>
</tr>
<tr>
<td>047203 . . . 6</td>
</tr>
<tr>
<td>060303 . . . 10</td>
</tr>
<tr>
<td>C1320 . . . 22</td>
</tr>
<tr>
<td>C1330 . . . 22</td>
</tr>
</tbody>
</table>

2.4 SUBMITTER INDEX

Table 4 organizes DMs included in this report according to the submitter's last name in alphabetical order. Submitters may have submitted more than one DM; multiple DMs are shown lowest number first. The DM number is followed by a page number in Section 3 where the DM can be found.

None
Table 4 - Submitter Index

<table>
<thead>
<tr>
<th>Name</th>
<th>DM Number/Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>LUCILE ADAMS</td>
<td>064303 . . . 12 078303 . . . 18</td>
</tr>
<tr>
<td>DOUGLAS R ANDERSON</td>
<td>054202 . . . 5</td>
</tr>
<tr>
<td>TOM BOLLING</td>
<td>057303 . . . 9 067303 . . . 13 071303 . . . 15 072303 . . . 15 076303 . . . 17 077303 . . . 17</td>
</tr>
<tr>
<td>GAIL KOCHER</td>
<td>060303 . . . 10</td>
</tr>
<tr>
<td>TINA MCCLUNG</td>
<td>121302 . . . 6</td>
</tr>
<tr>
<td>TIM MCNEIL</td>
<td>C13203 . . . 22 C13303 . . . 22</td>
</tr>
<tr>
<td>YVONNE MEDING</td>
<td>A03001 . . . 7 A03002 . . . 7</td>
</tr>
<tr>
<td>DAN D MORTON</td>
<td>C12503 . . . 20 C12603 . . . 20 C12703 . . . 20 C13103 . . . 21</td>
</tr>
<tr>
<td>JIM MUENZ</td>
<td>059303 . . . 9 C11303 . . . 18 C11403 . . . 18 C11603 . . . 19 C12003 . . . 19</td>
</tr>
<tr>
<td>FRANK B NAPOLI</td>
<td>C13403 . . . 23</td>
</tr>
<tr>
<td>CONNY NICHOLS</td>
<td>047203 . . . 6</td>
</tr>
<tr>
<td>NATHANIEL OBEY</td>
<td>058303 . . . 9 062303 . . . 11 063303 . . . 11 C13003 . . . 21</td>
</tr>
<tr>
<td>PETER D PRUYNE</td>
<td>112299 . . . 4 089200 . . . 4</td>
</tr>
<tr>
<td>DEBRA SCHOENFELDT</td>
<td>066303 . . . 13</td>
</tr>
<tr>
<td>VERN S CHULTZ</td>
<td>C07503 . . . 8 C07603 . . . 8 061303 . . . 10 065303 . . . 12 068303 . . . 13 069303 . . . 14</td>
</tr>
<tr>
<td></td>
<td>070303 . . . 14 073303 . . . 15 074303 . . . 16 C13603 . . . 23 C13803 . . . 23 C13903 . . . 24</td>
</tr>
<tr>
<td></td>
<td>C14003 . . . 24 C14103 . . . 25 C14203 . . . 25 C14303 . . . 25 C14503 . . . 26</td>
</tr>
</tbody>
</table>
2.5 NEW DSTU/GUIDELINE INDEX

Table 5 organizes DMs included in this report that represent new development in DSTU/Guideline order, transaction sets first in numerical order. Other DSTUs, guidelines, interpretations, and technical reports (if any) follow in alphabetical order. Each item is followed by the DM number(s) affecting it and a page number in Section 3 where the DM can be found.

None
**DM# 112299**  
**Status:** DEFERRED  
**Submitter:** PETER PRUYNE  
**Company:** SYSCOM STRATEGIES  
**Subcommittees:** C J

**Reason For Change**  
To reduce translation software complexity and associated burden associated with processing binary data in business transaction. Creation/modification of Design Rules and Guidelines to allow only the addition of the BDS segments to new or existing transaction sets.

**Action Summary**  
Not Applicable

**Impact Summary**  
Not Applicable

**Development History**

**APRIL 1999**  
DM 112299 has been referred to X12C, X12E and X12J with X12C coordinating. This DM should be reviewed in conjunction with DM 111299.

**JUNE 1999**  
DM 112299 remains deferred in X12C, X12E and X12J. X12C wants the design rule to state that only the BDS be used in new transaction set development.

**OCTOBER 1999**  
DM 112299 has been approved for October 45-day ballot. This DM impacts Design Rules and Guidelines to add a new Design Rule for the BDS segment. Refer to the separate presentation of this DM.

**DECEMBER 1999**  
DM 112299 has been referred after October 45-day ballot to X12J/TG1 to resolve disapproval comments.

**FEBRUARY 2000**  
DM 112299 has been approved with modification for February 45-day reballot as a separate ballot.

**APRIL 2000**  
DM 112299 has been referred to X12J/TG1 to resolve the disapproval comments.

**JUNE 2000**  
DM 112299 remains deferred in X12J.

**OCTOBER 2000**  
DM 112299 remains deferred in X12J. X12C expressed a shared interest in the DM.

**FEBRUARY 2001**  
DM 112299 remains deferred in X12C and X12J.

**JUNE 2001**  
DM 112299 remains deferred in X12C and X12J. X12C will provide an example.

**OCTOBER 2001**  
DM 112299 remains deferred in X12C and X12J. X12C will provide an example for the TAS Interim Meeting.

**FEBRUARY 2002**  
DM 112299 remains deferred in X12C and X12J.

**JUNE 2002**  
DM 112299 remains deferred in X12C and X12J.

**OCTOBER 2002**  
DM 112299 remains deferred in X12C and X12J.

**FEBRUARY 2003**  
DM 112299 remains deferred in X12C and X12J.

**JUNE 2003**  
DM 112299 remains deferred in X12C and X12J. The secretariat will find the original ballot wording and the example in anticipation of approval to ballot the DM following the October 2003 X12 meeting.

**DM# 089200**  
**Status:** DEFERRED  
**Submitter:** PETER PRUYNE  
**Company:** SYSCOM STRATEGIES  
**Subcommittees:** C F
**Reason For Change**
Changes have been made to Transaction Set 997. Update the 997 Tutorial to reflect changes.

**Action Summary**
Not Applicable

**Impact Summary**
Not Applicable

### Development History

<table>
<thead>
<tr>
<th>Date</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>APRIL 2000</td>
<td>DM 089200 has been referred to X12C.</td>
</tr>
<tr>
<td>JUNE 2000</td>
<td>DM 089200 has been deferred in X12C.</td>
</tr>
<tr>
<td>OCTOBER 2000</td>
<td>DM 089200 has been deferred in X12C. X12F expressed an interest in the DM, so the DM has also been referred to X12F.</td>
</tr>
<tr>
<td>FEBRUARY 2001</td>
<td>DM 089200 remains deferred in X12C and X12F.</td>
</tr>
<tr>
<td>JUNE 2001</td>
<td>DM 089200 remains deferred in X12C and X12F.</td>
</tr>
<tr>
<td>OCTOBER 2001</td>
<td>DM 089200 remains deferred in X12C and X12F.</td>
</tr>
<tr>
<td>FEBRUARY 2002</td>
<td>DM 089200 remains deferred in X12C and X12F.</td>
</tr>
<tr>
<td>JUNE 2002</td>
<td>DM 089200 remains deferred in X12C and X12F.</td>
</tr>
<tr>
<td>OCTOBER 2002</td>
<td>DM 089200 remains deferred in X12C and X12F.</td>
</tr>
<tr>
<td>FEBRUARY 2003</td>
<td>DM 089200 remains deferred in X12C and X12F (awaiting disposition of Transaction Set 999).</td>
</tr>
<tr>
<td>JUNE 2003</td>
<td>DM 089200 remains deferred in X12C and X12F.</td>
</tr>
</tbody>
</table>

---

**DM# 054202**

**Status:** DEFERRED  
**Submitter:** DOUGLAS ANDERSON  
**Company:** KLEINSCHMIDT  
**Subcommittees:** C

**Reason For Change**

Background: Kleinschmidt receives and transmits XML for clients. Each trading partner is setting up their own header and trailer, or not including one. There is a need for a standard header and trailer, similar to the ISA/IEA for XML. At a minimum the header should include the sender, receiver, date, time, control number, version. As a minimum the trailer should include the control number and a count.

New action of proposed work: X12C will provide a technical report on the use of the ebXML Transport and Routing Protocol (TRP) to satisfy this requirement. This will be done instead of creating an XML ISA segment.

**Action Summary**
Not Applicable

**Impact Summary**
Not Applicable

### Development History

<table>
<thead>
<tr>
<th>Date</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>APRIL 2002</td>
<td>TAS COMMENT</td>
</tr>
<tr>
<td>AUGUST 2003</td>
<td>It may be premature to create the equivalent of an ISA/IEA for XML since the procedures, protocol and Design Rules have not been determined. This DM is really a subset of a larger work initiative. You need something that determines the beginning and the ending of the</td>
</tr>
</tbody>
</table>
document. If we were to adopt an existing protocol, such as SOAP, this DM would be unnecessary.

DM 054202 has been referred to X12C.
JUNE 2002

DM 054202 has been deferred in X12C.
OCTOBER 2002

DM 054202 has been deferred in X12C.
FEBRUARY 2003

DM 054202 remains deferred in X12C. X12C will provide a technical report or white paper to address the issue.
JUNE 2003

DM 054202 remains deferred in X12C.

DM# 121302
Status: DEFERRED
Submitter: TINA MCCLUNG
Company: ARIZONA MEDICAID (AHCCCS)
Subcommittees: N

Reason For Change
In Transaction Set 834 regarding Loop 2000, INS04 - Maintenance Reason Code, we can find no equivalent values for the following conditions:

Algorithm Assigned
Enrollment Choice

Our MCOs insist that they must be notified of these enrollment conditions. They do receive them in our current proprietary format. We cannot find alternatives in the 834 Transaction to communicate this information. Please consider granting additional values for these conditions.

Action Summary
SIMPLE DATA ELEMENTS
Add code(s) to simple data element 1203.

Impact Summary
SIMPLE DATA ELEMENTS/PAGE NUMBER
1203 . . . . . 44

Development History
AUGUST 2002
DM 121302 has been referred to X12N. The proposed codes do not seem appropriate for DE 1203. Is the code for ‘Enrollment Choice’ referring to the enrollee choice?

OCTOBER 2002
DM 121302 remains deferred in X12N.

FEBRUARY 2003
DM 121302 remains deferred in X12N pending contact with the submitter.

JUNE 2003
DM 121302 remains deferred in X12N pending contact with the submitter.

DM# 047203
Status: DEFERRED
Submitter: CONNY NICHOLS
Company: ANTHEM BLUE CROSS/BLUE SHIELD
Subcommittees: N

Reason For Change
The industry has a business need for more than 4 modifiers. There is a current demonstrated need for 6 modifiers. There is no indication that need will exceed 10 in the foreseeable future.

The proposed work involves changes to the C003 composite to make DE 1339 (position 03) a repeating data element, to eliminate the additional three occurrences of DE 1339 (positions 04, 05, and 06), and to move DE 352 and DE 234 to the vacant postions of 04 and 05. Additionally, the maintainence makes the necessary adjustments to the semantic notes.
Action Summary

COMPOSITES
Changes data element(s) in composite C003. Changes repeat value(s) in composite C003. Deletes data element(s) from composite C003. Changes note(s) in composite C003. Deletes note(s) from composite C003.

Impact Summary

COMPOSITE DATA ELEMENTS/PAGE NUMBER
   C003 . . . . 40

Development History

APRIL 2003
DM 047203 has been referred to X12N. There was concern that a repeating DE can not occur in a composite. Design Rule 2.4.15 indicates that you can not have repeating DEs within a composite.

The database output appeared to be confusing, but it does accurately reflect the intentions of the submitter. TAS requested that the reason for change be enhanced to provide clarity of the proposed changes.

JUNE 2003
DM 047203 has been deferred in X12N.

DM# A03001
Status: DEFERRED
Submitter: YVONNE MEDING
Company: DATA INTERCHANGE STANDARDS ASSOCIATION
Subcommittees: J

Reason For Change

The current X12 Design Rules and Guidelines are published without an X12 number. Although the document has been included in the foundation section of the X12 manual, X12 Design Rules and Guidelines is not a standard. A project proposal was submitted by Technical Assessment (X12J) and approved by the Procedures Review Board to elevate X12 Design Rules and Guidelines to become an X12 Standard (it will be designated X12.61).

Action Summary

Not Applicable

Impact Summary

Not Applicable

Development History

FEBRUARY 2003
This data maintenance represents an administrative ballot to elevate X12 Design Rules and Guidelines to become a standard. This DM is being balloted separately.

APRIL 2003
TAS expressed concern that the ballot was premature. More review was necessary to ensure appropriate references and language. TAS will request at the June X12 meeting that PRB not approve this ballot.

JUNE 2003
PRB approved the TAS recommendation to not approve the DM for publication. TAS will evaluate the document and submit appropriate data maintenance.

DM# A03002
Status: WITHDRAWN
Submitter: YVONNE MEDING
Company: DATA INTERCHANGE STANDARDS ASSOCIATION
Subcommittees: J

Reason For Change

The Canada Customs Information Transaction Set 311 is a unique transaction set, but it is no longer being used by Canada Customs. Instead, they are now using the same sets as the U.S. Customs Service. Therefore, X121 submitted a withdrawal form, and this DM is being balloted to flag the 311 for deletion.

AUGUST 2003
Action Summary
TRANSACTION SETS
Deletes transaction set 311.

Impact Summary
TRANSACTION SETS/PAGE NUMBER
311 . . . . . 29

Development History
FEBRUARY 2003
This DM has been approved for February 30-day ballot.

DM# C07503
Status: DEFERRED
Submitter: Verna Schultz
Company: RAILINC
Subcommittees: I

Reason For Change
Additional indicators are needed to clarify whether the manifest being sent to US Customs is covering an import shipment or an export shipment.

Action Summary
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 256.

Impact Summary
SIMPLE DATA ELEMENTS/PAGE NUMBER
256 . . . . . 43

Development History
APRIL 2003
DM C07503 has been referred to X12I.
JUNE 2003
DM C07503 has been deferred in X12I to obtain clarification of usage from the submitter and business partners.

DM# C07603
Status: DEFERRED
Submitter: Verna Schultz
Company: RAILINC
Subcommittees: I

Reason For Change
Additional indicators are needed to clarify whether the manifest being sent to US Customs is covering an import shipment or an export shipment.

Action Summary
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 256.

Impact Summary
SIMPLE DATA ELEMENTS/PAGE NUMBER
256 . . . . . 43
**Development History**

**APRIL 2003**
DM C07603 has been referred to X12I.

**JUNE 2003**
DM C07603 has been deferred in X12I to obtain clarification of usage from the submitter and business partners.

---

**DM# 057303**

**Status:** REFERRED  
**Submitter:** TOM BOLLING  
**Company:** NORFOLK SOUTHERN RAILWAY  
**Subcommittees:** I

**Reason For Change**
The purpose of this DM is to correct references to technical reports where the new type 3 was not referenced.

**Proposed work:**
In SD2 make changes in Chapter I, Section 3 Glossary definition to TECHNICAL REPORT to add reference to implementation guide in the parenthesis and to Chapter IV, section 3.1.1 add reference to type 3 to list.

**Action Summary**
Not Applicable

**Impact Summary**
Not Applicable

---

**Development History**

**AUGUST 2003**
DM 057303 has been referred to X12I and to the Policies and Procedures Task Group (P&P). The secretariat will coordinate the SD2 changes with P&P.

---

**DM# 058303**

**Status:** RECOMMENDED FOR BALLOT BY X12J  
**Submitter:** NATHANIEL OBEY  
**Company:** DEFENSE LOGISTICS MANAGEMENT STANDARDS OFFICE  
**Subcommittees:** J

**Reason For Change**
The address currently listed in Appendix A of X12.3, Data Element Dictionary, is incorrect and should be changed to the address in Part 5 of Part two to this DM.

**Action Summary**
CODE SOURCE  
Changes “available from” of code source 350. Changes “Internet address” of code source 350.

**Impact Summary**
CODE SOURCES/PAGE NUMBER  
350 . . . . . 46

**Development History**

**AUGUST 2003**
DM 058303 has been approved for October 45-day ballot.

---

**DM# 059303**

**Status:** RECOMMENDED FOR BALLOT BY X12J  
**Submitter:** JIM MUENZ  
**Company:** UNIFORM CODE COUNCIL, INC.  
**Subcommittees:** J
### Reason For Change
A new code source is needed to be able to reference the Society for the Plastics Industry (SPI) as the source of codes used for recycling plastics.

### Action Summary
**CODE SOURCE**
Creates code source 930.

### Impact Summary
**CODE SOURCES/PAGE NUMBER**

<table>
<thead>
<tr>
<th>Code Source</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>930</td>
<td>47</td>
</tr>
</tbody>
</table>

### Development History
**AUGUST 2003**
DM 059303 has been approved for October 45-day ballot.

---

### Reason For Change
Data element 116 currently lists code source 51 as the code source for the DE. Code source 51 Zip Codes contains only postal codes for the United States of America. Foreign countries have postal codes that currently are not able to be sent in the N403 as they do not exist in the code source. Need the ability to send foreign postal codes in DE 116. The new code source reference links to both the United States Postal Zip Codes and the postal code listings for the other participating countries. This change makes the code source for DE 116 more compatible with the definition of DE 116.

### Action Summary
**CODE SOURCE**
Creates code source 932. Deletes reference(s) to code source 51.

### Impact Summary
**CODE SOURCES/PAGE NUMBER**

<table>
<thead>
<tr>
<th>Code Source</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>51</td>
<td>46</td>
</tr>
<tr>
<td>932</td>
<td>47</td>
</tr>
</tbody>
</table>

### Development History
**AUGUST 2003**
DM 060303 has been referred to X12A, X12F, X12I and X12N. X12N will coordinate. URL did not work on new code source. Consider leaving CS 51 in there and add a code for international. If CS 932 remains, link to appropriate DE or code.

---

### Reason For Change
ACE (Automated Commercial Environment) needs to be able to add and delete codes to DE 256 (Manifest Type Code) in support of Federal legislation and requirements. To help expedite this need for control of the Manifest Type Codes, US Customs & Border Protection is requesting DE 256 (Manifest Type Code) refer to a Code Source for Manifest Type Codes maintained by them, and that the codes currently in DE 256 be deleted.

### Action Summary
**SIMPLE DATA ELEMENTS**
Deletes code(s) from simple data element 256.

**CODE SOURCE**
Creates code source 931.
Impact Summary

SIMPLE DATA ELEMENTS/PAGE NUMBER
256 . . . . 43
CODE SOURCES/PAGE NUMBER
931 . . . . 47

Development History
AUGUST 2003
DM 061303 has been referred to X12I. Code Source 931 points to Data Element 256.

DM# 062303
Status: REFERRED
Submitter: NATHANIEL OBEY
Company: DEFENSE LOGISTICS MANAGEMENT STANDARDS OFFICE
Subcommittees: G

Reason For Change
The addition of codes CCC, DCC, DTC, and IRC will support certain DoD automated processes for submitting, resolving, and responding to various product and/or item deficiencies. Code DCL requires a Yes/No response and establishes whether deficiencies are contractor related or not. Code PMA also requires a Yes/No response with regard to the adequacy of the product packaging and marking. Code STS will allow DoD to identify testing requirements related to the products minimum serviceability standards.

Action Summary
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 1270.
CODE SOURCE
Creates code source 928.

Impact Summary

SIMPLE DATA ELEMENTS/PAGE NUMBER
1270 . . . . 44
CODE SOURCES/PAGE NUMBER
928 . . . . 46

Development History
AUGUST 2003
DM 062303 has been referred to X12G. Reason for change may need to be modified to reflect that only one code CCC, so that voters are not confused in ballot.

DM# 063303
Status: RECOMMENDED FOR BALLOT BY X12J
Submitter: NATHANIEL OBEY
Company: DEFENSE LOGISTICS MANAGEMENT STANDARDS OFFICE
Subcommittees: J

Reason For Change
DOD needs the ability to identify certain action codes associated with items having weapon system applications. Through the use of these codes, the DOD is able to properly manage and support its various weapon systems.

Action Summary
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 1270.
CODE SOURCE
Creates code source 933.

Impact Summary
Development History
AUGUST 2003
DM 063303 has been approved for October 45-day ballot.

**DM# 064303**

**Status:** RECOMMENDED FOR BALLOT BY X12J
**Submitter:** LUCILE ADAMS
**Company:** U.S. CUSTOMS SERVICE
**Subcommittees:** J

**Reason For Change**
The Automated Export (AES) needs to be able to add and delete Export Information Codes on a timely and continual basis to support new and changing Federal legislation and requirements. To help expedite and streamline this need for change, the AES staff is requesting that maintenance of their Export Information Codes be moved to an external code source (AES's AESTIR) rather than continuing to be maintained within X12.

Please note that U.S. Customs is now part of the Department of Homeland Security instead of Treasury. With this change, "U.S. Customs" is now called, the "Bureau of Customs and Border Protection (CBP)."

**Action Summary**
**SIMPLE DATA ELEMENTS**
Deletes code(s) from simple data element 1578.

**CODE SOURCE**
Creates code source 929.

**Impact Summary**
**SIMPLE DATA ELEMENTS/PAGE NUMBER**
1578 . . . . . 45

**CODE SOURCES/PAGE NUMBER**
929 . . . . . 47

Development History
AUGUST 2003
DM 064303 has been approved for October 45-day ballot.

**DM# 065303**

**Status:** REFERRED
**Submitter:** Verna Schultz
**Company:** RAILINC
**Subcommittees:** I

**Reason For Change**
US Customs & Border Protection new ACE (Automated Commercial Environment) system needs to differentiate between Rail, Truck and Sea communications.

**Action Summary**
**SIMPLE DATA ELEMENTS**
Adds code(s) to simple data element I01.

**Impact Summary**
**SIMPLE DATA ELEMENTS/PAGE NUMBER**
I01 . . . . . 45
Development History
AUGUST 2003
DM 065303 has been referred to X12I.

DM# 066303
Status: REFERRED
Submitter: DEBRA SCHOENFELDT
Company: DOD HEALTH AFFAIRS
Subcommittees: F

Reason For Change
In cases where health care claims are submitted using a currency different than the payment currency of the payer, we need to be able to identify the rate of exchange between currencies on each claim within the 835 transaction.

Action Summary
DATA SEGMENTS
Adds data element(s) to segment CLP.

Impact Summary
DATA SEGMENTS/PAGE NUMBER
CLP . . . . 36

Development History
AUGUST 2003
DM 066303 has been referred to X12F.

DM# 067303
Status: REFERRED
Submitter: TOM BOLLING
Company: NORFOLK SOUTHERN RAILWAY
Subcommittees: I

Reason For Change
Change in the semantic note is required to better reflect the current business practices of the users. Current industry guidelines specify the GH02 is the expiration date, this change aligns X12 with guidelines and current implementation of the segment and transaction set.

Action Summary
DATA SEGMENTS
Changes note(s) in segment GH.

Impact Summary
DATA SEGMENTS/PAGE NUMBER
GH . . . . 36

Development History
AUGUST 2003
DM 067303 has been referred to X12I.

DM# 068303
Status: REFERRED
Submitter: Verna Schultz
Company: Railinc
Subcommittees: I
**Reason For Change**
US Customs & Border Protection now requires pre-movement manifests and the flight/voyage number is not mandatory until actual movement.

**Action Summary**
DATA SEGMENTS
Changes requirement designator(s) in segment M10.

**Impact Summary**
DATA SEGMENTS/PAGE NUMBER
M10 .... 36

**Development History**
AUGUST 2003
DM 068303 has been referred to X12I.

---

**DM# 069303**
Status: REFERRED
Submitter: Verna Schultz
Company: RAILINC
Subcommittees: I

**Reason For Change**
US Customs & Border Protection is required by FDA (Food and Drug Administration) in compliance with the Bioterrorism Act to capture the FDA Confirmation Number from carriers transporting animal or human food into the U.S.

**Action Summary**
DATA SEGMENTS
Adds data element(s) to segments M11 and MBL.

**Impact Summary**
DATA SEGMENTS/PAGE NUMBER
M11 .... 36 MBL .... 38

**Development History**
AUGUST 2003
DM 069303 has been referred to X12I.

---

**DM# 070303**
Status: REFERRED
Submitter: Verna Schultz
Company: RAILINC
Subcommittees: I

**Reason For Change**
US Customs & Border Protection needs an estimated date of departure and the FIRMS (Facilities Information Resources Management System) code location on in-bond shipments transiting the US.

**Action Summary**
DATA SEGMENTS
Adds data element(s) to segment M12. Adds note(s) to segment M12.

**Impact Summary**
DATA SEGMENTS/PAGE NUMBER
M12 .... 37
Development History
AUGUST 2003
DM 070303 has been referred to X12I.

DM# 071303
Status: REFERRED
Submitter: TOM BOLLING
Company: NORFOLK SOUTHERN RAILWAY
Subcommittees: I

Reason For Change
Addition of the syntax note is required to better reflect the current business practices of the users. The data passed in the PR09 further defines the data in the paired elements PR06-PR08. Current syntax allows the PR09 to be sent without sending PR06-PR08 which is not correct.

Action Summary
DATA SEGMENTS
Adds note(s) to segment PR. Changes note(s) in segment PR.

Impact Summary
DATA SEGMENTS/PAGE NUMBER
PR . . . . 38

Development History
AUGUST 2003
DM 071303 has been referred to X12I.

DM# 072303
Status: REFERRED
Submitter: TOM BOLLING
Company: NORFOLK SOUTHERN RAILWAY
Subcommittees: I

Reason For Change
Changes in the semantic notes are required to better reflect the current business practices of the users. The REN03 is used for both price requests and distributions and in some scenarios the REN06 can identify an entity other than the price owner.

Action Summary
DATA SEGMENTS
Changes note(s) in segment REN.

Impact Summary
DATA SEGMENTS/PAGE NUMBER
REN . . . . 38

Development History
AUGUST 2003
DM 072303 has been referred to X12I.

DM# 073303
Status: REFERRED
Submitter: Verna Schultz
Company: Railinc
Subcommittees: F I
**Reason For Change**
Motor needs to be able to provide the equipment description code to US Customs & Border Protection identifying the type of Motor (Truck) conveyance being used to convey the shipment. i.e. TR - Tractor, TO Truck Open Top, TV Truck Van, etc. US Customs & Border Protection also needs to be able to identify the conveyance with the ACE (Automated Commercial Environment) ID assigned to registered conveyances.

**Action Summary**

**DATA SEGMENTS**
Adds data element(s) to segment VEH. Adds note(s) to segment VEH.

**Impact Summary**

**DATA SEGMENTS/PAGE NUMBER**

<table>
<thead>
<tr>
<th>Segment</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>VEH</td>
<td>38</td>
</tr>
</tbody>
</table>

**Development History**

**AUGUST 2003**
DM 073303 has been referred to X12F and X12I, X12I will coordinate.

---

**Reason For Change**
US Customs & Border Protection require the license, license state, license country and the equipment ACE (Automated Commercial Environment) ID if applicable for land border crossing.

**Action Summary**

**DATA SEGMENTS**
Adds data element(s) to segment VID. Adds note(s) to segment VID.

**Impact Summary**

**DATA SEGMENTS/PAGE NUMBER**

<table>
<thead>
<tr>
<th>Segment</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>VID</td>
<td>39</td>
</tr>
</tbody>
</table>

**Development History**

**AUGUST 2003**
DM 074303 has been referred to X12I.

---

**Reason For Change**
There is a need for the 274 to function as both a inquiry and response and the transaction purpose must be changed.

Business cases have been identified that require the use of AAA segments in certain 274 transactions such as the Health Care Provider Inquiry and Response where a response may indicate a transaction error or need for additional information in order to complete the request. Currently there is no position within the transaction set to report these situations.

**Action Summary**

**TRANSACTION SETS**
Changes purpose of transaction set 274. Adds segment(s) to transaction set 274.
Impact Summary

TRANSACTION SETS/PAGE NUMBER

Development History

AUGUST 2003

DM 075303 has been approved for October 45-day ballot.

DM# 076303
Status: REFERRED
Submitter: TOM BOLLING
Company: NORFOLK SOUTHERN RAILWAY
Subcommittees: I

Reason For Change
The routing of the shipment is necessary information for proper billing, changing the segment to mandatory should facilitate the sending of this information and will align set with the 417 transaction set that is created from the 404 transaction set.

Action Summary

TRANSACTION SETS
Changes requirement designator(s) in transaction set 404.

Impact Summary

TRANSACTION SETS/PAGE NUMBER

Development History

AUGUST 2003

DM 076303 has been referred to X12I.

DM# 077303
Status: REFERRED
Submitter: TOM BOLLING
Company: NORFOLK SOUTHERN RAILWAY
Subcommittees: I

Reason For Change
The W2 segment is used to convey the ID of pieces of equipment that are being interchanged between carriers. Changes in equipment configurations, especially in the intermodal area, now require the need for conveying 400 pieces of equipment for one interchange. Given train handling requirement the finite limit of 800 should be sufficient for the maximum allowable in the future.

Action Summary

TRANSACTION SETS
Changes loop repeat value(s) in transaction set 418.

Impact Summary

TRANSACTION SETS/PAGE NUMBER

Development History

AUGUST 2003

DM 077303 has been referred to X12I.
DM# 078303
Status: RECOMMENDED FOR BALLOT BY X12J
Submitter: LUCILE ADAMS
Company: U.S. CUSTOMS SERVICE
Subcommittees: J

Reason For Change
The Census Bureau and U.S. Customs Service are currently in the process of redesigning the Automated Export System’s (AES) commodity module, which receives export shipment information from X12 filers via Transaction Set 601. As part of this redesign, we would like the inclusion of certain shipment-related data to be optional rather than mandatory, so that it does not have to be sent in for a shipment cancellation. Customs would not require the inclusion of segments YNQ, DTM nor P5 for a “Cancel” Shipment transaction.

Action Summary
TRANSACTION SETS
Changes requirement designator(s) in transaction set 601.

Impact Summary
TRANSACTION SETS/PAGE NUMBER
601 . . . . . 35

Development History
AUGUST 2003
DM 078303 has been approved for October 45-day ballot.

DM# C11303
Status: REFERRED
Submitter: JIM MUENZ
Company: UNIFORM CODE COUNCIL, INC.
Subcommittees: IM

Reason For Change
In Canada, the manufacturer is asked to advise when an environmental levy is applicable to a product, such as beverages. Therefore, a code is needed in DE 750 to indicate "Environmental Notice". Additional user codes will be placed in PID04 (DE 751) to further define the specific environmental levy.

Action Summary
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 750.

Impact Summary
SIMPLE DATA ELEMENTS/PAGE NUMBER
750 . . . . . 44

Development History
AUGUST 2003
C11303 has been referred to X12I and X12M; X12M will coordinate.

DM# C11403
Status: REFERRED
Submitter: JIM MUENZ
Company: UNIFORM CODE COUNCIL, INC.
Subcommittees: M

Reason For Change
In order to communicate the correct unit of measure when ordering product a new code is required to specify a 15-pack. There are many similar codes in DE355, however 15-pack is missing and needs to be provided.

Action Summary
18 AUGUST 2003
SIMPLE DATA ELEMENTS

Adds code(s) to simple data element 355.

Impact Summary

SIMPLE DATA ELEMENTS/PAGE NUMBER

355 . . . . . 43

Development History

AUGUST 2003

CMR C11403 has been referred to X12M. TAS suggested using DE 356/355 pair.

DM# C11603

Status: DM APPROVED FOR PUBLICATION AT OCT X12 MEETING
Submitter: JIM MUENZ
Company: UNIFORM CODE COUNCIL, INC.
Subcommittees: J

Reason For Change

Codes describing the reason product is not shipped are sent in W1219 in TS 945 from the warehouse back to the supplier. Currently there is no code which accurately describes the situation when the customer's age limits are not met. Such a code is needed.

Action Summary

SIMPLE DATA ELEMENTS

Adds code(s) to simple data element 892.

Impact Summary

SIMPLE DATA ELEMENTS/PAGE NUMBER

892 . . . . . 44

Development History

AUGUST 2003

CMR C11603 has been approved for publication at the August TAS meeting.

DM# C12003

Status: REFERRED
Submitter: JIM MUENZ
Company: UNIFORM CODE COUNCIL, INC.
Subcommittees: M

Reason For Change

The UCC (Uniform Code Council) and EAN International are changing all item identification terminology. The name of code UK (EAN-UCC14) in DE235 is therefore being changed to UK (GTIN 14-digit Data Structure. The Global Trade Item Number (GTIN) is a 14-digit data structure which uniquely identifies a trade item regardless of packaging configuration. This is exactly the same meaning as before, therefore will have no affect on the installed base. This is only a code name change.

Action Summary

SIMPLE DATA ELEMENTS

Changes code(s) in simple data element 235.

Impact Summary

SIMPLE DATA ELEMENTS/PAGE NUMBER

235 . . . . . 42

Development History

AUGUST 2003

CMR C12003 has been referred to X12M. Clarify if the wording should be Item or Identification in the definition of the proposed code.
Reason For Change
FedEx Express would like some more choices for the Table 284: Service Level Code, which they use for the SL101 (Service Level) and SL106 (Delivery Schedule Code). It’s getting hard to select service codes in particular. Many of the choices don’t fit very well for our products, especially with the comments that go with some of them.

Action Summary
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 284.

Impact Summary
SIMPLE DATA ELEMENTS/PAGE NUMBER
284 . . . . 43

Development History
JUNE 2003
The submitter confirmed that the new proposed codes will not point to Code Source 66 as indicated in the original CMR form.
AUGUST 2003
CMR C12503 has been referred to X12I. TAS recommends adding expanded code definitions.
**Reason For Change**
FedEx Express would like some more choices for the Table 284: Service Level Code, which they use for the SL101 (Service Level) and SL106 (Delivery Schedule Code). It's getting hard to select service codes in particular. Many of the choices don't fit very well for our products, especially with the comments that go with some of them.

**Action Summary**
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 284.

**Impact Summary**
SIMPLE DATA ELEMENTS/PAGE NUMBER
284 . . . . . 43

**Development History**
JUNE 2003
The submitter confirmed that the proposed code will not point to Code source 66 as indicated in the original CMR form.
AUGUST 2003
CMR C12703 has been referred to X12I. Some of the terminology that is being used seems to be proprietary, so expanded definitions may be needed to provide clarification since different companies might use different codes that actually equate to the same type of service.

**DM# C13003**
Status: REFERRED
Submitter: NATHANIEL OBEY
Company: DEFENSE LOGISTICS MANAGEMENT STANDARDS OFFICE
Subcommittees: G

**Reason For Change**
A unique identifier is a value assigned to a tangible asset that is globally unique and unambiguous, ensures data integrity and data quality throughout life, and supports multi-faceted business applications and users. The unique identifier is derived from various pieces of information including an identifier representing the enterprise responsible for assigning the unique identifier and the serial number of that item. It may or may not include the part number. Once constructed the unique identifier is not parsed into the separate values used to create it.

**Action Summary**
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 128.
CODE SOURCE
Adds reference(s) to code source 350.

**Impact Summary**
SIMPLE DATA ELEMENTS/PAGE NUMBER
128 . . . . . 41
CODE SOURCES/PAGE NUMBER
350 . . . . . 46

**Development History**
AUGUST 2003
CMR C13003 has been referred to X12G. Consider adding expanded code definitions. Consider modifying the code, such as “Government Unique Identifier” for code UID in DE 128 - add a prefix to identify what is unique about it.

**DM# C13103**
Status: REFERRED
Submitter: DANA MORTON
Company: FEDERAL EXPRESS CORPORATION
Subcommittees: I
Reason For Change
FedEx Express would like some more choices for the Table 284: Service Level Code, which they use for the SL101 (Service Level) and SL106 (Delivery Schedule Code). It's getting hard to select service codes in particular. Many of the choices don't fit very well for our products, especially with the comments that go with some of them.

Action Summary
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 284.

Impact Summary
SIMPLE DATA ELEMENTS/PAGE NUMBER
284 . . . . . 43

Development History
AUGUST 2003
CMR C13103 has been referred to X12I.

DM# C13203
Status: REFERRED
Submitter: TIM MCNEIL
Company: RxHub, LLC
Subcommittees: N

Reason For Change
When obtaining eligibility information from a PBM (Pharmacy Benefit Manager) the provider needs information to aid in writing a prescription, such as formulary id. This CMR is requesting the addition of a code in DE 128 (along with the expanded code explanations shown below): Add code ALI Alternative List Id: to Data Element 128 Reference Identification Qualifier. Expanded code explanation: Allows the source to identify the list id of a list of drugs and it's alternative drugs with the associated formulary status for the patient.

Action Summary
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 128. Adds code explanation(s) to simple data element 128.

Impact Summary
SIMPLE DATA ELEMENTS/PAGE NUMBER
128 . . . . . 41

Development History
AUGUST 2003
CMR C13203 has been referred to X12N. Since there is an existing code, explain the reason for the second code. Spell out ID as Identifier or Identification, whichever is appropriate.

DM# C13303
Status: REFERRED
Submitter: TIM MCNEIL
Company: RxHub, LLC
Subcommittees: N

Reason For Change
When obtaining eligibility information from a PBM (Pharmacy Benefit Manager) the provider needs information to aid in writing a prescription, such as coverage list id. Add the following code and expanded code explanation to DE 128: CLI Coverage List Id Allows the source to identify the list id of a list of drugs that have coverage limitations for the associated patient.

Action Summary
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 128. Adds code explanation(s) to simple data element 128.

Impact Summary
Development History
AUGUST 2003
CMR C13303 has been referred to X12N. Spell out ID as Identifier or Identification, whichever is appropriate.

---

**DM# C13403**

**Reason For Change**
DoD shippers have a business need to specify “Door-to-Airport” type of service for specific shipments. The service is from the door of the shipper to the Air Port of Debarkation (APOD). As an example, a shipment that is going to a US Embassy in a foreign country might require that security-cleared employees of the Embassy to pick up the shipment at the airport and deliver it to the embassy for security reasons. DoD shippers will use this code to specify the type of Service in the L012 element of the 858 Bill of Lading Transaction Set.

**Action Summary**
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 56.

**Impact Summary**
SIMPLE DATA ELEMENTS/PAGE NUMBER
56 . . . . . 41

---

**DM# C13603**

**Reason For Change**
US Customs & Border Protection needs to be able to receive the Birth Certificate Number of a crew member or passenger on a conveyance crossing the US border.

**Action Summary**
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 128.

**Impact Summary**
SIMPLE DATA ELEMENTS/PAGE NUMBER
128 . . . . . 41

---

**DM# C13803**

**Development History**
AUGUST 2003
CMR C13603 has been referred to X12I.

---

AUGUST 2003

23
Reason For Change
US Customs & Border Protection identifies IITs (Instruments of International Trade) bonds by holder and status for clarity.

Action Summary
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 128.

Impact Summary
SIMPLE DATA ELEMENTS/PAGE NUMBER
128 . . . . . 41

Development History
AUGUST 2003
CMR C13803 has been referred to X12I.

DM# C13903
Status: REFERRED
Submitter: Verna Schultz
Company: Railinc
Subcommittees: I

Reason For Change
US Customs & Border Protection identifies IITs (Instruments of International Trade) bonds by holder and status for clarity.

Action Summary
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 128.

Impact Summary
SIMPLE DATA ELEMENTS/PAGE NUMBER
128 . . . . . 41

Development History
AUGUST 2003
CMR C13903 has been referred to X12I.

DM# C14003
Status: REFERRED
Submitter: Verna Schultz
Company: Railinc
Subcommittees: I

Reason For Change
US Customs & Border Protection identifies IITs (Instruments of International Trade) bonds by holder and status for clarity.

Action Summary
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 128.

Impact Summary
SIMPLE DATA ELEMENTS/PAGE NUMBER
128 . . . . . 41

Development History
AUGUST 2003
CMR C14003 has been referred to X12I.
DM# C14103
Status: REFERRED
Submitter: Verna Schultz
Company: Railinc
Subcommittees: I

Reason For Change
Need to report Broker Entry Number for transborder shipments.

Action Summary
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 128.

Impact Summary
SIMPLE DATA ELEMENTS/PAGE NUMBER
128 . . . . . 41

Development History
AUGUST 2003
CMR C14103 has been referred to X12I.

DM# C14203
Status: REFERRED
Submitter: Verna Schultz
Company: Railinc
Subcommittees: I

Reason For Change
US Customs & Border Protection needs to be able to receive information as to 2nd Notify Parties in coded identification format.

Action Summary
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 128.

Impact Summary
SIMPLE DATA ELEMENTS/PAGE NUMBER
128 . . . . . 41

Development History
AUGUST 2003
CMR C14203 has been referred to X12I.

DM# C14303
Status: REFERRED
Submitter: Verna Schultz
Company: Railinc
Subcommittees: I

Reason For Change
US Customs & Border Protection needs to be able to receive information as to 2nd Notify Parties in name format.

Action Summary
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 98.

Impact Summary
Development History
AUGUST 2003
CMR C14303 has been referred to X12J. 2nd will be spelled out.

---

DM# C14503
Status: REFERRED
Submitter: VERA SCHULTZ
Company: RAILINC
Subcommittees: I

Reason For Change
US Customs & Border Protection identifies IITs (Instruments of International Trade) bonds by holder and status for clarity.

Action Summary
SIMPLE DATA ELEMENTS
Adds code(s) to simple data element 128.

Impact Summary
SIMPLE DATA ELEMENTS/PAGE NUMBER
128 . . . . . 41

Development History
AUGUST 2003
CMR C14503 has been referred to X12J.
# 274 Healthcare Provider Information

**FUNCTIONAL GROUP: PW**

This X12 Transaction Set contains the format and establishes the data contents of the Healthcare Provider Information Transaction Set (274) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to exchange demographic and educational/professional qualifications about healthcare providers between providers, provider networks or any other entity that maintains or verifies healthcare provider information. Such exchanges include the transmitting, inquiring, or responding to an inquiry. Healthcare provider information is routinely exchanged for the purpose of 1) maintaining provider data bases for claim adjudication, provider directories, patient referrals, and reporting provider information, 2) submitting an application to join a provider organization or provider network such as, but not limited to, a hospital, preferred provider organization (PPO) or health maintenance organization (HMO), and 3) verifying credentials such as educational/professional qualifications, licenses, and malpractice coverage/history.

Changes purpose of transaction set.

<table>
<thead>
<tr>
<th>NOTE</th>
<th>POS.NO.</th>
<th>SEG.ID</th>
<th>NAME</th>
<th>REG.DE.</th>
<th>MAX USE</th>
<th>LOOP REPEAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>0100</td>
<td>ST</td>
<td>Transaction Set Header</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0200</td>
<td>BHT</td>
<td>Beginning of Hierarchical Transaction</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0300</td>
<td>DTM</td>
<td>Date/Time Reference</td>
<td>O</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>0400</td>
<td>PER</td>
<td>Administrative Communications Contact</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOTE</th>
<th>POS.NO.</th>
<th>SEG.ID</th>
<th>NAME</th>
<th>REG.DE.</th>
<th>MAX USE</th>
<th>LOOP REPEAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>0100</td>
<td>HL</td>
<td>Hierarchical Level</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>0200</td>
<td>TRN</td>
<td>Trace</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0250</td>
<td>AAA</td>
<td>Request Validation</td>
<td>O</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Table 2**

<table>
<thead>
<tr>
<th>NOTE</th>
<th>POS.NO.</th>
<th>SEG.ID</th>
<th>NAME</th>
<th>REG.DE.</th>
<th>MAX USE</th>
<th>LOOP REPEAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>0300</td>
<td>NM1</td>
<td>Individual or Organizational Name</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0400</td>
<td>N2</td>
<td>Additional Name Information</td>
<td>O</td>
<td>&gt;1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0500</td>
<td>PER</td>
<td>Administrative Communications Contact</td>
<td>O</td>
<td>&gt;1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0600</td>
<td>DMG</td>
<td>Demographic Information</td>
<td>O</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0700</td>
<td>AMT</td>
<td>Monetary Amount Information</td>
<td>O</td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0800</td>
<td>API</td>
<td>Activity or Process Information</td>
<td>O</td>
<td>&gt;1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0900</td>
<td>DEG</td>
<td>Degree Record</td>
<td>O</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1000</td>
<td>IND</td>
<td>Additional Individual Demographic Information</td>
<td>O</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1100</td>
<td>LUI</td>
<td>Language Use</td>
<td>O</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1200</td>
<td>DTP</td>
<td>Date or Time or Period</td>
<td>O</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1250</td>
<td>AAA</td>
<td>Request Validation</td>
<td>O</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1300</td>
<td>MTX</td>
<td>Text</td>
<td>O</td>
<td>&gt;1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1400</td>
<td>QTY</td>
<td>Quantity Information</td>
<td>O</td>
<td>99</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1500</td>
<td>WS</td>
<td>Work Schedule</td>
<td>O</td>
<td>99</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1600</td>
<td>CRC</td>
<td>Conditions Indicator</td>
<td>O</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1700</td>
<td>HSD</td>
<td>Health Care Services Delivery</td>
<td>O</td>
<td>99</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1800</td>
<td>BCI</td>
<td>Basic Claim Information</td>
<td>O</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1900</td>
<td>PDI</td>
<td>Practice Detail Information</td>
<td>O</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td>HAD</td>
<td>Hospital Affiliation Detail</td>
<td>O</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### NOTES

1/0400 The PER segment is used to supply the sender's point of contact to the receiver.

2/0100 Valid hierarchical level codes for this transaction set are information source, information receiver, provider, group and site of service.

2/0200 The TRN segment is used to identify trace numbers that provide an electronic link between this transaction and other transactions.

2/0300 The NM1 segment is used to identify individuals and entities related to the hierarchical level identified by HL03.

2/2100 Loop 2110 provides multiple addresses related to the entity identified in the NM1 segment. The NX1 segment provides the type of address for each iteration of the loop. For instance, billing service or place of business.
311 Canada Customs Information

FUNCTIONAL GROUP: SO

This X12 Transaction Set provides the format and establishes the data contents of the Canada Customs Information Transaction Set (311) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides all information necessary for an ocean or rail carrier or freight forwarder to report import and export conveyance and consignment information to Canada Customs.

Flags transaction set for deletion. F A03002

Table 1

<table>
<thead>
<tr>
<th>NOTE</th>
<th>POS.NO.</th>
<th>SEG.ID</th>
<th>NAME</th>
<th>REG.DES.</th>
<th>MAX USE</th>
<th>LOOP REPEAT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0100</td>
<td>ST</td>
<td>Transaction Set Header</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0200</td>
<td>B2A</td>
<td>Set Purpose</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0300</td>
<td>Y6</td>
<td>Authentication</td>
<td>O</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0400</td>
<td>N9</td>
<td>Extended Reference Information</td>
<td>M</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0500</td>
<td>V1</td>
<td>Vessel Identification</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0600</td>
<td>V2</td>
<td>Vessel Information</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0700</td>
<td>V3</td>
<td>Vessel Schedule</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0800</td>
<td>DTM</td>
<td>Date/Time Reference</td>
<td>O</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>LOOP ID - N1</strong></td>
<td><strong>10</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0900</td>
<td>N1</td>
<td>Party Identification</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1000</td>
<td>N2</td>
<td>Additional Name Information</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1100</td>
<td>N3</td>
<td>Party Location</td>
<td>O</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1200</td>
<td>N4</td>
<td>Geographic Location</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1300</td>
<td>R4</td>
<td>Port or Terminal</td>
<td>M</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1400</td>
<td>K1</td>
<td>Remarks</td>
<td>O</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

Table 2

<table>
<thead>
<tr>
<th>NOTE</th>
<th>POS.NO.</th>
<th>SEG.ID</th>
<th>NAME</th>
<th>REG.DES.</th>
<th>MAX USE</th>
<th>LOOP REPEAT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0100</td>
<td>LX</td>
<td>Transaction Set Line Number</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0200</td>
<td>Y2</td>
<td>Container Details</td>
<td>O</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>LOOP ID - ED</strong></td>
<td><strong>999</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0300</td>
<td>ED</td>
<td>Equipment Description</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0400</td>
<td>M7</td>
<td>Seal Numbers</td>
<td>O</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0500</td>
<td>NA</td>
<td>Cross-Reference Equipment</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0600</td>
<td>L4</td>
<td>Measurement</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0700</td>
<td>G2</td>
<td>Beyond Routing</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>LOOP ID - L0</strong></td>
<td><strong>120</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0800</td>
<td>L0</td>
<td>Line Item - Quantity and Weight</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0900</td>
<td>L5</td>
<td>Description, Marks and Numbers</td>
<td>M</td>
<td>999</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1000</td>
<td>L4</td>
<td>Measurement</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1100</td>
<td>X1</td>
<td>Export License</td>
<td>O</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1200</td>
<td>X2</td>
<td>Import License</td>
<td>O</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>
### Table 3

<table>
<thead>
<tr>
<th>NOTE</th>
<th>POS.NO.</th>
<th>SEG.ID</th>
<th>NAME</th>
<th>REG.DES.</th>
<th>MAX USE</th>
<th>LOOP REPEAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>0100</td>
<td>L3</td>
<td>0100</td>
<td>Total Weight and Charges</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0200</td>
<td>K1</td>
<td>0200</td>
<td>Remarks</td>
<td>O</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>0300</td>
<td>SE</td>
<td>0300</td>
<td>Transaction Set Trailer</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>
**404 Rail Carrier Shipment Information**

**FUNCTIONAL GROUP: SR**

This X12 Transaction Set contains the format and establishes the data contents of the Rail Carrier Shipment Information Transaction Set (404) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit rail-carrier-specific bill of lading information to a railroad. It is the initial tender of a shipment between a consignor and a rail carrier and can be used as notification of equipment release and/or a legal bill of lading.

### Table 1

<table>
<thead>
<tr>
<th>NOTE</th>
<th>POS.NO.</th>
<th>SEG.ID</th>
<th>NAME</th>
<th>REG.DES.</th>
<th>MAX USE</th>
<th>LOOP REPEAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>0100</td>
<td>ST</td>
<td></td>
<td>Transaction Set Header</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0200</td>
<td>ZC1</td>
<td></td>
<td>Beginning Segment for Data Correction or Change</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>0300</td>
<td>BX</td>
<td>General Shipment Information</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0400</td>
<td>BNX</td>
<td></td>
<td>Rail Shipment Information</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0500</td>
<td>M3</td>
<td></td>
<td>Release</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0600</td>
<td>N9</td>
<td></td>
<td>Extended Reference Information</td>
<td>M</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>0700</td>
<td>CM</td>
<td></td>
<td>Cargo Manifest</td>
<td>O</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>0800</td>
<td>M1</td>
<td></td>
<td>Insurance</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0900</td>
<td>DTM</td>
<td></td>
<td>Date/Time Reference</td>
<td>O</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

**LOOP ID - N7**

| 1000 | N7 | Equipment Details | M | 1 |  |
| 1010 | EM | Equipment Characteristics | O | 1 |  |

**LOOP ID - VC**

| 1100 | VC | Motor Vehicle Control | O | 1 |  |

**LOOP ID - N1**

| 1120 | N1  | Party Identification | O | 1 |  |
| 1140 | N3  | Party Location | O | 2 |  |
| 1160 | N4  | Geographic Location | O | 1 |  |
| 1180 | H3  | Special Handling Instructions | O | 1 |  |
| 1300 | M7  | Seal Numbers | O | 5 |  |
| 1400 | N5  | Equipment Ordered | O | 1 |  |
| 1500 | IC  | Intermodal Chassis Equipment | O | 1 |  |
| 1600 | IM  | Intermodal Movement Information | O | 1 |  |
| 1700 | M12 | In-bond Identifying Information | O | 2 |  |

**LOOP ID - E1**

| 1710 | E1  | Empty Car Disposition - Pended Destination Consignee | O | 1 |  |
| 1720 | E4  | Empty Car Disposition - Pended Destination City | O | 1 |  |
| 1730 | E5  | Empty Car Disposition - Pended Destination Route | O | 13 |  |
| 1740 | PI  | Price Authority Identification | O | 1 |  |
| 1750 | GA  | Canadian Grain Information | O | 15 |  |

**LOOP ID - REF**

| 1770 | REF | Reference Information | O | 1 |  |
| 1780 | N10 | Quantity and Description | O | 15 |  |

**LOOP ID - N1**

| 1790 | N1  | Party Identification | O | 1 |  |
| 1800 | N3  | Party Location | O | 1 |  |
| 1820 | N4  | Geographic Location | O | 1 |  |
| 1850 | NA  | Cross-Reference Equipment | O | 10 |  |
| 1900 | F9  | Origin Station | M | 1 |  |

**AUGUST 2003**

**31**
<table>
<thead>
<tr>
<th>LOOP ID</th>
<th>Description</th>
<th>M</th>
<th>O</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>Destination Station</td>
<td>M</td>
<td>1</td>
</tr>
<tr>
<td>2100</td>
<td>Party Identification</td>
<td>M</td>
<td>1</td>
</tr>
<tr>
<td>2150</td>
<td>Additional Name Information</td>
<td>O</td>
<td>2</td>
</tr>
<tr>
<td>2200</td>
<td>Party Location</td>
<td>O</td>
<td>2</td>
</tr>
<tr>
<td>2300</td>
<td>Geographic Location</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>2350</td>
<td>Reference Information</td>
<td>O</td>
<td>2</td>
</tr>
<tr>
<td>2400</td>
<td>Administrative Communications Contact</td>
<td>O</td>
<td>2</td>
</tr>
<tr>
<td>2500</td>
<td>Billing Information</td>
<td>O</td>
<td>12</td>
</tr>
<tr>
<td>4300</td>
<td>Stop-off Name</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>4400</td>
<td>Stop-off Address</td>
<td>O</td>
<td>2</td>
</tr>
<tr>
<td>4480</td>
<td>Stop-off Station</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>4490</td>
<td>Party Identification</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>4500</td>
<td>Additional Name Information</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>4510</td>
<td>Party Location</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>4520</td>
<td>Geographic Location</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>4530</td>
<td>Administrative Communications Contact</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>4600</td>
<td>Route Information</td>
<td>M</td>
<td>13</td>
</tr>
<tr>
<td>4800</td>
<td>Route Code Identification</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>4900</td>
<td>Empty Car Disposition - Pended Destination Consignee</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>5000</td>
<td>Empty Car Disposition - Pended Destination City</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>5100</td>
<td>Empty Car Disposition - Pended Destination Route</td>
<td>O</td>
<td>13</td>
</tr>
<tr>
<td>5110</td>
<td>Price Authority Identification</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>5200</td>
<td>Special Handling Instructions</td>
<td>O</td>
<td>20</td>
</tr>
<tr>
<td>5300</td>
<td>Protective Service Instructions</td>
<td>O</td>
<td>5</td>
</tr>
<tr>
<td>5400</td>
<td>Transaction Set Line Number</td>
<td>M</td>
<td>1</td>
</tr>
<tr>
<td>5500</td>
<td>Description, Marks and Numbers</td>
<td>M</td>
<td>15</td>
</tr>
<tr>
<td>5700</td>
<td>Line Item - Quantity and Weight</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>5750</td>
<td>Measurements</td>
<td>O</td>
<td>3</td>
</tr>
<tr>
<td>5800</td>
<td>Rate and Charges</td>
<td>O</td>
<td>10</td>
</tr>
<tr>
<td>5900</td>
<td>Price Authority Identification</td>
<td>O</td>
<td>30</td>
</tr>
<tr>
<td>6000</td>
<td>Export License</td>
<td>O</td>
<td>6</td>
</tr>
<tr>
<td>6100</td>
<td>Transit Inbound Origin</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>6200</td>
<td>Transit Inbound Lading</td>
<td>O</td>
<td>30</td>
</tr>
<tr>
<td>6300</td>
<td>Transit Inbound Route</td>
<td>O</td>
<td>12</td>
</tr>
<tr>
<td>6400</td>
<td>Transit Inbound Rates</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>6500</td>
<td>Free-form Transit Data</td>
<td>O</td>
<td>99</td>
</tr>
<tr>
<td>6600</td>
<td>Total Weight and Charges</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>6700</td>
<td>Loop Header</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>6800</td>
<td>Hazardous Identification Information</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>6900</td>
<td>Hazardous Classification Information</td>
<td>O</td>
<td>4</td>
</tr>
<tr>
<td>7000</td>
<td>Hazardous Material Shipping Name Information</td>
<td>O</td>
<td>10</td>
</tr>
<tr>
<td>7100</td>
<td>Free-form Hazardous Material Information</td>
<td>O</td>
<td>20</td>
</tr>
<tr>
<td>7200</td>
<td>EPA Required Data</td>
<td>O</td>
<td>3</td>
</tr>
<tr>
<td>7300</td>
<td>Canadian Dangerous Requirements</td>
<td>O</td>
<td>4</td>
</tr>
<tr>
<td>7400</td>
<td>Transborder Hazardous Requirements</td>
<td>O</td>
<td>3</td>
</tr>
</tbody>
</table>
### X12J MINUTES

**Transaction Set Tables - 404**

<table>
<thead>
<tr>
<th>Code</th>
<th>Field Name</th>
<th>Occurrence</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>7500</td>
<td>LHR    Hazardous Material Identifying Reference Numbers</td>
<td>O</td>
<td>5</td>
</tr>
<tr>
<td>7550</td>
<td>PER    Administrative Communications Contact</td>
<td>O</td>
<td>5</td>
</tr>
</tbody>
</table>

#### Loop ID - N1

<table>
<thead>
<tr>
<th>Code</th>
<th>Field Name</th>
<th>Occurrence</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>7560</td>
<td>N1     Party Identification</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>7570</td>
<td>N3     Party Location</td>
<td>O</td>
<td>2</td>
</tr>
<tr>
<td>7580</td>
<td>N4     Geographic Location</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>7590</td>
<td>PER    Administrative Communications Contact</td>
<td>O</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Field Name</th>
<th>Occurrence</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>7600</td>
<td>LE     Loop Trailer</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>7700</td>
<td>PER    Administrative Communications Contact</td>
<td>O</td>
<td>5</td>
</tr>
</tbody>
</table>

#### N

<table>
<thead>
<tr>
<th>Code</th>
<th>Field Name</th>
<th>Occurrence</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>7800</td>
<td>LH2    Hazardous Classification Information</td>
<td>O</td>
<td>6</td>
</tr>
<tr>
<td>7900</td>
<td>LHR    Hazardous Material Identifying Reference Numbers</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>8000</td>
<td>LH6    Hazardous Certification</td>
<td>O</td>
<td>5</td>
</tr>
<tr>
<td>8100</td>
<td>XH     Pro Forma - B13 Information</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>8200</td>
<td>X7     Customs Information</td>
<td>O</td>
<td>10</td>
</tr>
<tr>
<td>8400</td>
<td>SE     Transaction Set Trailer</td>
<td>M</td>
<td>1</td>
</tr>
</tbody>
</table>

Changes requirement designator in table/position 1/4600. 076303 E

### NOTES

1/0300 BX05 contains the Standard Carrier Alpha Code (SCAC) of the original roadhaul carrier receiving the shipment.

1/6900 If the hazardous endorsement (LH204) is "NONE", then use of LH204 is mandatory. However, the receiver must consider it to be blanks when printing a paper document.

1/7800 If the hazardous endorsement (LH204) is "NONE", then use of LH204 is mandatory. However, the receiver must consider it to be blanks when printing a paper document.
**Rail Advance Interchange Consist**

**FUNCTIONAL GROUP: IC**

This X12 Transaction Set contains the format and establishes the data contents of the Rail Advance Interchange Consist Transaction Set (418) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit advance information on equipment being interchanged to a connection rail carrier, from a consignor or to a consignee.

### Table 1

<table>
<thead>
<tr>
<th>NOTE</th>
<th>POS.NO.</th>
<th>SEG.ID</th>
<th>NAME</th>
<th>REG.DES.</th>
<th>MAX USE</th>
<th>LOOP REPEAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>0100</td>
<td>ST</td>
<td></td>
<td>Transaction Set Header</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>N 0200</td>
<td>BAX</td>
<td></td>
<td>Beginning Segment for Advance Consist and Transportation Equipment</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

**LOOP ID - W1**

<table>
<thead>
<tr>
<th>POS.NO.</th>
<th>SEG.ID</th>
<th>NAME</th>
<th>REG.DES.</th>
<th>MAX USE</th>
<th>LOOP REPEAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>0300</td>
<td>W1</td>
<td>Block Identification</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

**LOOP ID - W2**

<table>
<thead>
<tr>
<th>POS.NO.</th>
<th>SEG.ID</th>
<th>NAME</th>
<th>REG.DES.</th>
<th>MAX USE</th>
<th>LOOP REPEAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>0400</td>
<td>W2</td>
<td>Equipment Identification</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0500</td>
<td>W3</td>
<td>Consignee Information</td>
<td>O</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>0600</td>
<td>IMA</td>
<td>Interchange Move Authority</td>
<td>O</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>0700</td>
<td>W4</td>
<td>Consignor Information</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0800</td>
<td>W5</td>
<td>Carrier and Route Information</td>
<td>O</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>0900</td>
<td>W6</td>
<td>Special Handling Information</td>
<td>O</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>1000</td>
<td>PS</td>
<td>Protective Service Instructions</td>
<td>O</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>1100</td>
<td>REF</td>
<td>Reference Information</td>
<td>O</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>1200</td>
<td>LS</td>
<td>Loop Header</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

**LOOP ID - LH1**

<table>
<thead>
<tr>
<th>POS.NO.</th>
<th>SEG.ID</th>
<th>NAME</th>
<th>REG.DES.</th>
<th>MAX USE</th>
<th>LOOP REPEAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1300</td>
<td>LH1</td>
<td>Hazardous Identification Information</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>N 1400</td>
<td>LH2</td>
<td>Hazardous Classification Information</td>
<td>O</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>1500</td>
<td>LH3</td>
<td>Hazardous Material Shipping Name Information</td>
<td>O</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>1600</td>
<td>LFH</td>
<td>Free-form Hazardous Material Information</td>
<td>O</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>1700</td>
<td>LEP</td>
<td>EPA Required Data</td>
<td>O</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>1800</td>
<td>LH4</td>
<td>Canadian Dangerous Requirements</td>
<td>O</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>1900</td>
<td>LHT</td>
<td>Transborder Hazardous Requirements</td>
<td>O</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td>LHR</td>
<td>Hazardous Material Identifying Reference Numbers</td>
<td>O</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>2050</td>
<td>PER</td>
<td>Administrative Communications Contact</td>
<td>O</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

**LOOP ID - N1**

<table>
<thead>
<tr>
<th>POS.NO.</th>
<th>SEG.ID</th>
<th>NAME</th>
<th>REG.DES.</th>
<th>MAX USE</th>
<th>LOOP REPEAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2060</td>
<td>N1</td>
<td>Party Identification</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2070</td>
<td>N3</td>
<td>Party Location</td>
<td>O</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>2080</td>
<td>N4</td>
<td>Geographic Location</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2090</td>
<td>PER</td>
<td>Administrative Communications Contact</td>
<td>O</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>2100</td>
<td>LE</td>
<td>Loop Trailer</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>N 2200</td>
<td>PER</td>
<td>Administrative Communications Contact</td>
<td>O</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>2300</td>
<td>LH2</td>
<td>Hazardous Classification Information</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2400</td>
<td>LHR</td>
<td>Hazardous Material Identifying Reference Numbers</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2500</td>
<td>SE</td>
<td>Transaction Set Trailer</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

Changes loop repeat value in table/position 1/0400.

### NOTES

1/0200 BAX01 is the to location Standard Point Location Code (SPLC).
1/0200 If BAX02 = “T” (Train Consist), then BAX06 must not be blank.
1/1400 If the hazardous endorsement (LH204) is “NONE”, then use of LH204 is mandatory. However, the receiver must consider it to be blanks when printing a paper document.
1/2300 If the hazardous endorsement (LH204) is “NONE”, then use of LH204 is mandatory. However, the receiver must consider it to be blanks when printing a paper document.
This X12 Transaction Set contains the format and establishes the data contents of the U.S. Customs Export Shipment Information Transaction Set (601) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by exporters or their agents, carriers, and service providers to transmit export shipment information to the U.S. Customs Service (USCS).

| Table 1 |
|---|---|---|---|
| NOTE | POS.NO. | SEG.ID | NAME |
| 0100 | ST | M1 | Transaction Set Header |
| | | M | 1 |
| | 0200 | BA1 | Export Shipment Identifying Information |
| | | M | 1 |
| | 0250 | YNQ | Yes/No Question |
| | | O | 10 |
| | 0300 | V5 | Vessel Identification |
| | | O | 1 |
| | 0400 | DTM | Date/Time Reference |
| | | O | 1 |
| | 0500 | P5 | Port Function |
| | | O | 2 |
| | 0600 | REF | Reference Information |
| | | O | 9 |
| | 0700 | M12 | In-bond Identifying Information |
| | | O | 1 |
| | 0800 | VID | Conveyance Identification |
| | | O | 999 |
| | 1000 | N1 | Party Identification |
| | | M | 1 |
| | 1100 | N2 | Additional Name Information |
| | | O | 2 |
| | 1150 | N3 | Party Location |
| | | O | 2 |
| | 1200 | N4 | Geographic Location |
| | | O | 1 |
| | 1300 | L13 | Commodity Details |
| | | O | 1 |
| | 1400 | MAN | Marks and Numbers Information |
| | | O | 999 |
| | 1500 | X1 | Export License |
| | | O | 1 |
| | 1600 | VEH | Vehicle Information |
| | | O | 9999 |
| | 1700 | N1 | Party Identification |
| | | O | 1 |
| | 1800 | N2 | Additional Name Information |
| | | O | 2 |
| | 1900 | N4 | Geographic Location |
| | | O | 1 |
| | 2000 | SE | Transaction Set Trailer |
| | | M | 1 |

Changes requirement designator in table/positions 1/0250, 1/0400 and 1/0500.
## CLP Claim Level Data

To supply information common to all services of a claim

### TRANSACTION SETS USED IN:

<table>
<thead>
<tr>
<th>REF</th>
<th>ELE ID</th>
<th>NAME</th>
<th>RPT</th>
<th>ATTRIBUTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>1028</td>
<td>Claim Submitter’s Identifier</td>
<td>M</td>
<td>AN 1/38</td>
</tr>
<tr>
<td>02</td>
<td>1029</td>
<td>Claim Status Code</td>
<td>M</td>
<td>ID 1/2</td>
</tr>
<tr>
<td>03</td>
<td>782</td>
<td>Monetary Amount</td>
<td>M/Z</td>
<td>R 1/18</td>
</tr>
<tr>
<td>04</td>
<td>782</td>
<td>Monetary Amount</td>
<td>M/Z</td>
<td>R 1/18</td>
</tr>
<tr>
<td>05</td>
<td>782</td>
<td>Monetary Amount</td>
<td>O/Z</td>
<td>R 1/18</td>
</tr>
<tr>
<td>06</td>
<td>1032</td>
<td>Claim Filing Indicator Code</td>
<td>O</td>
<td>ID 1/2</td>
</tr>
<tr>
<td>07</td>
<td>127</td>
<td>Reference Identification</td>
<td>O/Z</td>
<td>AN 1/50</td>
</tr>
<tr>
<td>08</td>
<td>1331</td>
<td>Facility Code Value</td>
<td>O</td>
<td>AN 1/2</td>
</tr>
<tr>
<td>09</td>
<td>1325</td>
<td>Claim Frequency Type Code</td>
<td>O</td>
<td>ID 1/1</td>
</tr>
<tr>
<td>10</td>
<td>1352</td>
<td>Patient Status Code</td>
<td>O</td>
<td>ID 1/2</td>
</tr>
<tr>
<td>11</td>
<td>1354</td>
<td>Diagnosis Related Group (DRG) Code</td>
<td>O</td>
<td>ID 1/4</td>
</tr>
<tr>
<td>12</td>
<td>380</td>
<td>Quantity</td>
<td>O/Z</td>
<td>R 1/15</td>
</tr>
<tr>
<td>13</td>
<td>954</td>
<td>Percentage as Decimal</td>
<td>O/Z</td>
<td>R 1/10</td>
</tr>
<tr>
<td>14</td>
<td>1073</td>
<td>Yes/No Condition or Response Code</td>
<td>O/Z</td>
<td>ID 1/1</td>
</tr>
<tr>
<td>15</td>
<td>280</td>
<td>Exchange Rate</td>
<td>O</td>
<td>R 4/10</td>
</tr>
</tbody>
</table>

Add data element to position 15.

### SEMANTIC NOTES

- CLP03 is the amount of submitted charges this claim.
- CLP04 is the amount paid this claim.
- CLP05 is the patient responsibility amount.
- CLP07 is the payer’s internal control number.
- CLP12 is the diagnosis-related group (DRG) weight.
- CLP13 is the discharge fraction.
- CLP14 is the patient authorization to coordinate benefits. A “Y” indicates that the authorization exists; an “N” indicates that the authorization does not exist.

## GH Group Header

To indicate the list identity for the details following

### TRANSACTION SETS USED IN:

<table>
<thead>
<tr>
<th>REF</th>
<th>ELE ID</th>
<th>NAME</th>
<th>RPT</th>
<th>ATTRIBUTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>353</td>
<td>Transaction Set Purpose Code</td>
<td>M</td>
<td>ID 2/2</td>
</tr>
<tr>
<td>02</td>
<td>373</td>
<td>Date</td>
<td>O</td>
<td>DT 8/8</td>
</tr>
<tr>
<td>03</td>
<td>354</td>
<td>Number of Line Items</td>
<td>O</td>
<td>N0 1/6</td>
</tr>
<tr>
<td>04</td>
<td>691</td>
<td>Revision Number</td>
<td>O</td>
<td>N0 1/4</td>
</tr>
</tbody>
</table>

### Comments

- GH02 is the expiration date.

## M10 Manifest Identifying Information

To transmit manifest identifying information

### TRANSACTION SETS USED IN:

<table>
<thead>
<tr>
<th>REF</th>
<th>ELE ID</th>
<th>NAME</th>
<th>RPT</th>
<th>ATTRIBUTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>140</td>
<td>Standard Carrier Alpha Code</td>
<td>M</td>
<td>ID 2/4</td>
</tr>
<tr>
<td>02</td>
<td>91</td>
<td>Transportation Method/Type Code</td>
<td>M</td>
<td>ID 1/2</td>
</tr>
<tr>
<td>03</td>
<td>26</td>
<td>Country Code</td>
<td>M</td>
<td>ID 2/3</td>
</tr>
<tr>
<td>04</td>
<td>597</td>
<td>Vessel Code</td>
<td>X/Z</td>
<td>ID 1/8</td>
</tr>
<tr>
<td>05</td>
<td>182</td>
<td>Vessel Name</td>
<td>X</td>
<td>AN 2/28</td>
</tr>
<tr>
<td>06</td>
<td>55</td>
<td>Flight/Voyage Number</td>
<td>O</td>
<td>AN 2/10</td>
</tr>
<tr>
<td>07</td>
<td>127</td>
<td>Reference Identification</td>
<td>O/Z</td>
<td>AN 1/50</td>
</tr>
<tr>
<td>08</td>
<td>380</td>
<td>Quantity</td>
<td>O</td>
<td>R 1/15</td>
</tr>
<tr>
<td>09</td>
<td>256</td>
<td>Manifest Type Code</td>
<td>O</td>
<td>ID 1/1</td>
</tr>
<tr>
<td>10</td>
<td>897</td>
<td>Vessel Code Qualifier</td>
<td>X</td>
<td>ID 1/1</td>
</tr>
<tr>
<td>11</td>
<td>1073</td>
<td>Yes/No Condition or Response Code</td>
<td>O/Z</td>
<td>ID 1/1</td>
</tr>
<tr>
<td>12</td>
<td>127</td>
<td>Reference Identification</td>
<td>O/Z</td>
<td>AN 1/50</td>
</tr>
<tr>
<td>13</td>
<td>353</td>
<td>Transaction Set Purpose Code</td>
<td>O</td>
<td>ID 2/2</td>
</tr>
<tr>
<td>14</td>
<td>346</td>
<td>Application Type</td>
<td>O</td>
<td>ID 2/2</td>
</tr>
</tbody>
</table>

Changes requirement designator in position 06.

### SYNTAX NOTES

- P0410 - If either M1004 or M1010 is present, then the other is required.
- R0504 - At least one of M1005 or M1014 is required.

### SEMANTIC NOTES

- M1004 is Lloyd’s vessel code.
- M1007 is used for the six-digit Numeric Manifest Sequence Number.
- M1011 indicates if the transmission involves an in-bond participant. A “Y” indicates it does; an “N” indicates it does not.
- M1012 is a unique identification number for the manifest assigned by the originator of the manifest with a maximum length of 15.

### COMMENTS

- M1003 is the code identifying the country in which the ship (vessel) is registered.
- M1008 is used for number of bills lading. (Maximum five-digits.)
M12 In-bond Identifying Information

To transmit in-bond information

**TRANSACTION SETS USED IN:**

<table>
<thead>
<tr>
<th>REF</th>
<th>ELE ID</th>
<th>NAME</th>
<th>RPT</th>
<th>ATTRIBUTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>309</td>
<td>Customs Entry Type Code</td>
<td>M</td>
<td>ID 2/2</td>
</tr>
<tr>
<td>02</td>
<td>555</td>
<td>Customs Entry Number</td>
<td>X</td>
<td>AN 1/15</td>
</tr>
<tr>
<td>03</td>
<td>601</td>
<td>Location Identifier</td>
<td>O/Z</td>
<td>AN 1/30</td>
</tr>
<tr>
<td>04</td>
<td>603</td>
<td>Location Identifier</td>
<td>O/Z</td>
<td>AN 1/30</td>
</tr>
<tr>
<td>05</td>
<td>602</td>
<td>Customs Shipment Value</td>
<td>O</td>
<td>AN 2/8</td>
</tr>
<tr>
<td>06</td>
<td>603</td>
<td>In-bond Control Number</td>
<td>X</td>
<td>AN 1/25</td>
</tr>
<tr>
<td>07</td>
<td>128</td>
<td>Reference Identification</td>
<td>O</td>
<td>AN 1/50</td>
</tr>
</tbody>
</table>

**SYNTAX NOTES**

02 E0206 - Only one of M1202 or M1206 may be present.

06 C0608 - If M1206 is present, then M1208 is required.

08 P0809 - If either M1208 or M1209 is present, then the other is required.

10 P1011 - If either M1210 or M1211 is present, then the other is required.

**SEMICANTIC NOTES**

03 M1203 is a four-digit numeric census schedule D when identifying a U.S. port, and a three-digit numeric memorandum D when identifying a Canadian port. It is the port of destination if M1201 is "61". It is the port of export if M1201 is "62" or "63".

04 M1204 is five-digit numeric census schedule K. It is the foreign port of destination if M1201 is "62" or "63".

07 M1207 identifies the carrier to whom liability is transferred.

12 M1212 is the estimated date of departure of the in-bond shipment from the U.S.

13 M1213 is the FIRMS (Facilities Information Resources Management System) code of the location of the in-bond shipment.

**COMMENTS**

02 If M1202 does not contain the paperless entry number, then M1206 is required.

05 M1205 is the value in whole dollars of the in-bond movement. Use twenty dollars per kilo if value is unknown.
**MBL**  Bill of Lading

To specify a bill of lading number and associated information

**TRANSACTION SETS USED IN:**

325 326 355 358

**SEMANTIC NOTES**

04  If MBL04 is "Y", then issuer is an automated manifest system (AMS) participant. If "N", then issuer is not an AMS participant.

---

**PR**  Product (Commodity)

To identify the commodity to which the application of a rate docket is restricted

**TRANSACTION SETS USED IN:**

106 107 453 460 490 494 602

**SYNTAX NOTES**

02  P0203 - If either REN02 or REN03 is present, then the other is required.

**SEMANTIC NOTES**

02  REN02 is the entity assigning the number in REN03.

03  REN03 is the unique number identifying a price request or distribution.

04  REN04 is the Standard Carrier Alpha Code (SCAC) of the entity to which the price request is directed.

06  REN06 is the responding entity.

07  REN07 indicates if this is a test transmission. A "Y" indicates that it is a test transmission; an "N" indicates that it is a production transmission.

---

**VEN**  Vehicle Information

To provide descriptions that identify a specific vehicle

**TRANSACTION SETS USED IN:**

124 148 187 266 267 270 271 280 286 309 358 601 811 820

**SEMANTIC NOTES**

03  If PR03 is present and PR04 is omitted, PR03 indicates actual commodity code. If PR03 and PR04 are present, PR03 indicates the low value of commodity range and PR04 indicates the high value of commodity range.

06  PR06 is the Standard Carrier Alpha Code (SCAC) of the group docket owner.
**DATA SEGMENTS • VEH**

<table>
<thead>
<tr>
<th>REF</th>
<th>ELE ID</th>
<th>NAME</th>
<th>RPT</th>
<th>ATTRIBUTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>40</td>
<td>Equipment Description Code</td>
<td>M</td>
<td>ID 2/2</td>
</tr>
<tr>
<td>02</td>
<td>206</td>
<td>Equipment Initial</td>
<td>O</td>
<td>AN 1/4</td>
</tr>
<tr>
<td>03</td>
<td>207</td>
<td>Equipment Number</td>
<td>M</td>
<td>AN 1/15</td>
</tr>
<tr>
<td>04</td>
<td>225</td>
<td>Seal Number</td>
<td>O</td>
<td>AN 2/15</td>
</tr>
<tr>
<td>05</td>
<td>225</td>
<td>Seal Number</td>
<td>O</td>
<td>AN 2/15</td>
</tr>
<tr>
<td>06</td>
<td>567</td>
<td>Equipment Length</td>
<td>O</td>
<td>N0 4/5</td>
</tr>
<tr>
<td>07</td>
<td>65</td>
<td>Height</td>
<td>O</td>
<td>R 1/8</td>
</tr>
<tr>
<td>08</td>
<td>189</td>
<td>Width</td>
<td>O</td>
<td>R 1/8</td>
</tr>
<tr>
<td>09</td>
<td>24</td>
<td>Equipment Type</td>
<td>O</td>
<td>ID 4/4</td>
</tr>
<tr>
<td>10</td>
<td>322</td>
<td>Load/Empty Status Code</td>
<td>O</td>
<td>ID 1/1</td>
</tr>
<tr>
<td>11</td>
<td>56</td>
<td>Type of Service Code</td>
<td>O</td>
<td>ID 2/2</td>
</tr>
<tr>
<td>12</td>
<td>310</td>
<td>Location Identifier</td>
<td>O/Z</td>
<td>AN 1/30</td>
</tr>
<tr>
<td>13</td>
<td>140</td>
<td>Standard Carrier Alpha Code</td>
<td>O/Z</td>
<td>ID 2/4</td>
</tr>
<tr>
<td>14</td>
<td>127</td>
<td>Reference Identification</td>
<td>O/Z</td>
<td>AN 1/50</td>
</tr>
<tr>
<td>15</td>
<td>156</td>
<td>State or Province Code</td>
<td>O/Z</td>
<td>ID 2/2</td>
</tr>
<tr>
<td>16</td>
<td>26</td>
<td>Country Code</td>
<td>O/Z</td>
<td>ID 2/3</td>
</tr>
<tr>
<td>17</td>
<td>127</td>
<td>Reference Identification</td>
<td>O/Z</td>
<td>AN 1/50</td>
</tr>
</tbody>
</table>

**SYNTAX NOTES**

04 L040507 - If VEH04 is present, then at least one of VEH05 or VEH07 is required.

05 C0504 - If VEH05 is present, then VEH04 is required.

06 C060405 - If VEH06 is present, then VEH04 and VEH05 are required.

07 C0704 - If VEH07 is present, then VEH04 is required.

18 P1819 - If either VEH18 or VEH19 is present, then the other is required.

**SEMANTIC NOTES**

04 VEH04 applies to VEH05, VEH06, and VEH07.

05 VEH05 is the vehicle make.

06 VEH06 is the vehicle model.

07 VEH07 is the vehicle style.

08 VEH08 is the length of a vehicle measured in feet.

09 VEH09 is the vehicle reference number.

10 VEH10 is the vehicle registration state or province.

11 VEH11 is used to identify a territory as defined by trading partners.

12 VEH12 is the used car indicator. A "Y" indicates the vehicle is a used vehicle; an "N" indicates the vehicle is a new vehicle. A value of "U" indicating 'unknown' cannot be used.

13 VEH13 is the original cost of the vehicle when it was new (i.e., OCN - original cost new).

14 VEH14 is the vehicle altered indicator. A "Y" indicates the vehicle was altered; an "N" indicates the vehicle was not altered. A value of "U" indicating 'unknown' cannot be used.

15 VEH15 is the value of alterations for a vehicle.

17 VEH17 is the Country of the State in VEH10.

18 VEH18 is the Name of the Vehicle Owner.

19 VEH19 is the Residence Country of the Vehicle Owner in VEH18.

21 VEH21 is the ACE (Automated Commercial Environment) ID assigned by US Customs and Border Protection.

**VID Conveyance Identification**

To identify a conveyance and its attributes

**TRANSACTION SETS USED IN:**

309 350 355 358 601
56 Type of Service Code
   TYPE= ID  MIN= 2  MAX= 2
   Code specifying extent of transportation service requested

SEGMENTS USED IN (AS SIMPLE):
   CD1  L0  MBL  N7  R2  R2A  VID  Y2  Y4

TRANSACTION SETS USED IN:
   100  101  103  104  105  106  107  108  110  111
   112  113  120  124  128  130  131  132  133  135
   138  139  140  141  142  143  144  146  147  148
   149  150  152  153  154  155  157  158  159  161
   163  170  175  176  179  180  185  186  187  188
   189  190  191  194  195  196  197  198  199  200
   201  202  203  204  205  206  210  211  212  213
   214  215  216  217  219  220  222  223  224  227
   240  242  244  245  248  249  250  251  252  255
   256  259  260  261  262  263  264  265  266  267
   268  269  270  271  272  273  274  275  276  277
   278  280  283  284  285  286  288  290  300  301
   304  309  310  311  312  313  317  322  324  325
   326  328  343  346  349  355  358  361  362  368
   404  410  412  414  417  421  422  423  424  426
   431  433  434  452  453  455  456  460  470  490
   494  499  500  501  503  504  511  517  527  536
   540  561  567  582  593  601  602  611  620  625
   650  753  754  805  806  808  810  811  813  814
   816  818  819  820  821  822  823  824  826  827
   828  830  832  833  834  835  836  837  838  839
   840  841  842  843  844  845  846  847  848  849
   850  851  852  853  854  855  856  857  858  859
   860  861  862  863  864  865  866  867  869  870
   871  872  873  874  875  876  877  878  880  881
   882  883  884  885  886  887  888  889  891  893
   894  900  901  902  905  906  910  911  912  913
   914  915  916  917  918  919  920  921  922  923
   924  925  926  927  928  929  930  931  932  933
   934  935  936  937  938  939  940  941  942  943
   944  945  946  947

CODE DEFINITION AND EXPLANATION
   DA  Door-to-Airport of Debarkation
   Adds code DA.

98 Entity Identifier Code
   TYPE= ID  MIN= 2  MAX= 3
   Code identifying an organizational entity, a physical location, property or an individual

COMPOSITES USED IN:
   C043

SEGMENTS USED IN (AS COMPONENT):
   STC

SEGMENTS USED IN (AS SIMPLE):
   CHB  CLI  CUR  DOS  ENT  G18  IN1  LCD  LIE  M1
   M7  M7A  MRC  N1  NM1  NX1  PEX  PLA  PSC  PT
   PTF  PWK  R2A  RDI  SCH  Y1

CODE DEFINITION AND EXPLANATION
   SNP  US Customs & Border Protection 2nd Notify Party
   Adds code SNP.

128 Reference Identification Qualifier
   TYPE= ID  MIN= 2  MAX= 3
   Code qualifying the Reference Identification

COMPOSITES USED IN:
   C040

SEGMENTS USED IN (AS COMPONENT):
   CSC  EXI  LN2  N9  PDS  RDM  REF

SEGMENTS USED IN (AS SIMPLE):
   ADJ  ADX  ASO  B10  BAA  BCD  BCO  BCP  BGF  BGP
   BPA  BR  BRC  BSD  BT1  CAD  CAL  CCI  CD1  CDS
   CI  CIV  CMA  CON  CS  CSD  DD  EMP  EMS  ENT
   ETD  F02  F09  F10  F11  FAA  FGS  FST  G5  G11
   G48  GA  GF  HPL  IN1  JIL  L11  LEO  LH  LHE
   LHR  LOC  M12  M15  M20  M21  M11  N9  NA  OTI
   PI  PRI  PRJ  PRV  PTD  Q2  Q5  REF  RLT  RMR
   RMT  RO  SER  SHD  SPI  T1  TFS  X4  ZA
ALs Alternative List ID  
Allows the source to identify the list id of a list of drugs and it's alternative drugs with the associated formulary status for the patient

BCN Birth Certificate Number

Ben Broker Entry Number

CLI Coverage List Id  
Allows the source to identify the list id of a list of drugs that have coverage limitations for the associated patient

ECJ Carrier's Bond Number Covering IIT's (Instruments of International Trade)

EII Importer's Bond Number Covering IIT's (Instruments of International Trade)

MCC Carrier's Bond Number Covering Merchandise Shipment and IITs (Instruments of International Trade)

MII Importer's Bond Number Covering Merchandise Shipment and IITs (Instruments of International Trade)

SNP US Customs & Border Protection 2nd Notify Party

UID Unique Identifier  
SEE CODE SOURCE 350

UID GTIN 14-digit Data Structure  
Data structure for the 14 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Identification Number (GTIN)  
SEE CODE SOURCE 41

Changes code UK. E C12003
256 Manifest Type Code

**Type: ID**  **MIN**: 1  **MAX**: 1

Code identifying the type of manifest transmitted

**CODE SOURCES:**
931

**SEGMENTS USED IN (AS SIMPLE):**
M10

**TRANSACTION SETS USED IN:**
309 350 352 353 354 355 356 357 358

<table>
<thead>
<tr>
<th>CODE</th>
<th>DEFINITION AND EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Import</td>
</tr>
<tr>
<td>2</td>
<td>Export</td>
</tr>
<tr>
<td>A</td>
<td>Original Manifest From Carrier To Port of Discharge</td>
</tr>
<tr>
<td>B</td>
<td>Updating Manifest Prior To Vessel Arrival From Carrier To Port of Discharge</td>
</tr>
<tr>
<td>C</td>
<td>Amendment To Manifest From Carrier To Port of Discharge</td>
</tr>
<tr>
<td>D</td>
<td>Updating Export Manifest Prior to Vessel Departure From Carrier To U.S. Customs</td>
</tr>
<tr>
<td>E</td>
<td>Original Export Manifest from Carrier to US Customs</td>
</tr>
<tr>
<td>F</td>
<td>Amendment to Export Manifest From Carrier to U.S. Customs</td>
</tr>
<tr>
<td>G</td>
<td>General Order Items from Carriers to US Customs</td>
</tr>
<tr>
<td>H</td>
<td>Arrival Notification from Carrier to U.S. Customs</td>
</tr>
<tr>
<td>I</td>
<td>Supplementary In-bond Information from Carrier to U.S. Customs</td>
</tr>
<tr>
<td>J</td>
<td>Sent from U.S. Customs (Export) to Carriers</td>
</tr>
<tr>
<td>K</td>
<td>Departure Notification from Carrier to U.S. Customs</td>
</tr>
<tr>
<td>L</td>
<td>Transfer of Liability</td>
</tr>
<tr>
<td>M</td>
<td>Driver Information Update</td>
</tr>
<tr>
<td>P</td>
<td>Preliminary Manifest from Carrier to U.S. Customs</td>
</tr>
<tr>
<td>S</td>
<td>Consist Manifest from Carrier to U.S. Customs</td>
</tr>
<tr>
<td>T</td>
<td>Transit</td>
</tr>
<tr>
<td>V</td>
<td>Amendment to Manifest Required by US Customs</td>
</tr>
<tr>
<td>W</td>
<td>Original Manifest from Carriers to US Customs</td>
</tr>
</tbody>
</table>

X Updating Manifest Prior to Vessel Arrival from Carriers to US Customs

**THIS CODE WILL BE DELETED FROM THE NEXT ASC X12 RELEASE**

Y Amendment to Manifest from Carrier to US Customs

**THIS CODE WILL BE DELETED FROM THE NEXT ASC X12 RELEASE**

Z Sent from US Customs to Carriers

**THIS CODE WILL BE DELETED FROM THE NEXT ASC X12 RELEASE**

| Adds code 1. | D  | C07503 |
| Adds code 2. | D  | C07603 |

284 Service Level Code

**Type: ID**  **MIN**: 2  **MAX**: 2

Code indicating the level of transportation service or the billing service offered by the transportation carrier

**SEGMENTS USED IN (AS SIMPLE):**
B11  BAX  BTS  CAD  CD3  PI  Q6  R3  SL1  SMD  TD5

**TRANSACTION SETS USED IN:**
104 110 160 161 180 210 213 215 240 286 317 404 410 414 417 418 422 426 433 453 456 460 466 486 490 494 754 810 811 830 832 838 840 843 850 852 853 855 856 857 858 859 860 861 862 865 870 880

<table>
<thead>
<tr>
<th>CODE</th>
<th>DEFINITION AND EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>I2</td>
<td>International Second Day</td>
</tr>
<tr>
<td>IS</td>
<td>International Service</td>
</tr>
<tr>
<td>P1</td>
<td>Priority Service</td>
</tr>
<tr>
<td>P2</td>
<td>Primary Service Area</td>
</tr>
<tr>
<td>PX</td>
<td>Premium Service</td>
</tr>
</tbody>
</table>

| Adds codes IS and P1. | E  | C12503 |
| Adds code I2. | E  | C12603 |
| Adds code PX. | E  | C12703 |
| Adds code P2. | E  | C13103 |

355 Unit or Basis for Measurement Code

**Type: ID**  **MIN**: 2  **MAX**: 2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**COMPOSITES USED IN:**
C001
SEGMENTS USED IN (AS COMPONENT):
ATR ATV BCS CBS CFT CRT CSF CSS CST CSU
CTB CTP EA FAA GDP III INC JID K3 LOC
LTR MEA MIC MII MIR N12 NCA OPS PAM PAY
PD PDE PEX PL POC PRC PSC PSD PTF QTY
RAT RCD REA REC RLT RPA SII SIN SLN SPS
STA TBA TIA TRF UCS UIT USD

SEGMENTS USED IN (AS SIMPLE):
ACK AIN AT5 ATN B11 BCT BLI CDD CLD CR1
CR2 CR3 CR4 CS CTT F09 G05 G12 G13 G17
G18 G19 G20 G26 G29 G31 G39 G40 G45 G46
G51 G54 G55 G68 G70 G72 G83 G89 G93
G95 GR5 H1 HCP HSD ID1 ID3 ISS IT1 IT3
ITA L13 LC1 LFH LH1 LH4 MS6 PAI PAL
PAT PKL PO1 PO3 PO4 PS R13 S5 SAC SCH
SDQ SHD SN1 SRA SV1 SV2 SV5 TD1 TD3 UDA
V2 VAT W01 W03 W04 W07 W09 W10 W12 W13
W18 W19 W20 W76 X1 ZA

TRANSACTION SETS USED IN:
100 112 124 140 142 143 148 154 180 185
187 196 197 205 215 244 251 266 267 268
271 272 275 283 500 503 561 625 806 810
301 304 309 310 311 312 355 358 362 404
410 412 417 418 500 503 561 567 625 626
650 715 754 805 806 809 811 821 822 823
824 826 828 829 830 831 832 834 840 841
842 843 844 850 851 852 853 855 856 857
858 859 860 861 862 863 865 866 867 868
870 871 872 873 874 875 876 877 878 884
885 886 887 888 890 893 894 895 896 900
940 943 944 945 947 996

CODE DEFINITION AND EXPLANATION
ZS 15-Pack
Adds code ZS. E C11403

750 Product/Process Characteristic Code
TYPE= ID MIN= 2 MAX= 3
Code identifying the general class of a product or process characteristic

SEGMENTS USED IN (AS SIMPLE):
CID CRV MNC NCD PID SV7 TMD VAT

CODE DEFINITION AND EXPLANATION
EV Environmental Notice
Adds code EV. E C11303

892 Line Item Change Reason Code
TYPE= ID MIN= 2 MAX= 2
Code defining reason for any difference between quantity ordered and quantity shipped for a line item

SEGMENTS USED IN (AS SIMPLE):
W12

CODE DEFINITION AND EXPLANATION
27 Customer Age Guidelines Not Met
Adds code 27. 6 C11603

1203 Maintenance Reason Code
TYPE= ID MIN= 2 MAX= 3
Code identifying the reason for the maintenance change

SEGMENTS USED IN (AS SIMPLE):
CRI FSA HD INS LC PLA RP

CODE DEFINITION AND EXPLANATION
AL Algorithm Assigned
EC Enrollment Choice
Adds codes AL and EC. D 121302

1270 Code List Qualifier Code
TYPE= ID MIN= 1 MAX= 3
Code identifying a specific industry code list

COMPOSITES USED IN:
C007 C022 C043 C056

44 AUGUST 2003
### SEGMENTS USED IN (AS SIMPLE):

<table>
<thead>
<tr>
<th>ATV</th>
<th>BLN</th>
<th>BSF</th>
<th>CAT</th>
<th>DD</th>
<th>DEX</th>
<th>DMG</th>
<th>DN2</th>
<th>EDF</th>
<th>EMT</th>
</tr>
</thead>
<tbody>
<tr>
<td>F1R</td>
<td>HAD</td>
<td>HS</td>
<td>IGI</td>
<td>IMM</td>
<td>ISI</td>
<td>LQ</td>
<td>LTE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LTR</td>
<td>MEA</td>
<td>PDR</td>
<td>RED</td>
<td>RIC</td>
<td>RQS</td>
<td>RSD</td>
<td>SAD</td>
<td>SCA</td>
<td>SCT</td>
</tr>
</tbody>
</table>

### TRANSACTION SETS USED IN:

<table>
<thead>
<tr>
<th>100</th>
<th>103</th>
<th>105</th>
<th>111</th>
<th>112</th>
<th>113</th>
<th>124</th>
<th>130</th>
<th>132</th>
<th>133</th>
</tr>
</thead>
<tbody>
<tr>
<td>135</td>
<td>138</td>
<td>139</td>
<td>140</td>
<td>142</td>
<td>144</td>
<td>146</td>
<td>148</td>
<td>155</td>
<td>159</td>
</tr>
<tr>
<td>160</td>
<td>175</td>
<td>176</td>
<td>179</td>
<td>180</td>
<td>185</td>
<td>186</td>
<td>187</td>
<td>189</td>
<td>190</td>
</tr>
<tr>
<td>191</td>
<td>194</td>
<td>195</td>
<td>196</td>
<td>197</td>
<td>198</td>
<td>199</td>
<td>200</td>
<td>201</td>
<td>202</td>
</tr>
<tr>
<td>203</td>
<td>204</td>
<td>205</td>
<td>206</td>
<td>219</td>
<td>220</td>
<td>228</td>
<td>244</td>
<td>248</td>
<td>252</td>
</tr>
<tr>
<td>255</td>
<td>256</td>
<td>259</td>
<td>261</td>
<td>262</td>
<td>264</td>
<td>265</td>
<td>267</td>
<td>268</td>
<td>270</td>
</tr>
<tr>
<td>271</td>
<td>272</td>
<td>273</td>
<td>274</td>
<td>275</td>
<td>276</td>
<td>277</td>
<td>278</td>
<td>280</td>
<td>283</td>
</tr>
<tr>
<td>284</td>
<td>285</td>
<td>286</td>
<td>288</td>
<td>304</td>
<td>309</td>
<td>358</td>
<td>362</td>
<td>404</td>
<td>410</td>
</tr>
<tr>
<td>417</td>
<td>422</td>
<td>423</td>
<td>426</td>
<td>432</td>
<td>435</td>
<td>463</td>
<td>470</td>
<td>500</td>
<td>500</td>
</tr>
<tr>
<td>501</td>
<td>503</td>
<td>504</td>
<td>511</td>
<td>517</td>
<td>527</td>
<td>536</td>
<td>540</td>
<td>561</td>
<td>567</td>
</tr>
<tr>
<td>568</td>
<td>601</td>
<td>620</td>
<td>625</td>
<td>650</td>
<td>810</td>
<td>811</td>
<td>812</td>
<td>814</td>
<td>816</td>
</tr>
<tr>
<td>819</td>
<td>821</td>
<td>822</td>
<td>824</td>
<td>826</td>
<td>827</td>
<td>830</td>
<td>832</td>
<td>833</td>
<td>834</td>
</tr>
<tr>
<td>835</td>
<td>836</td>
<td>837</td>
<td>838</td>
<td>840</td>
<td>841</td>
<td>842</td>
<td>843</td>
<td>844</td>
<td>845</td>
</tr>
<tr>
<td>846</td>
<td>847</td>
<td>848</td>
<td>849</td>
<td>850</td>
<td>853</td>
<td>855</td>
<td>856</td>
<td>857</td>
<td>858</td>
</tr>
<tr>
<td>859</td>
<td>860</td>
<td>861</td>
<td>863</td>
<td>865</td>
<td>866</td>
<td>867</td>
<td>869</td>
<td>870</td>
<td>871</td>
</tr>
<tr>
<td>872</td>
<td>873</td>
<td>874</td>
<td>881</td>
<td>885</td>
<td>888</td>
<td>940</td>
<td>945</td>
<td>947</td>
<td>947</td>
</tr>
</tbody>
</table>

### CODE DEFINITION AND EXPLANATION

**CCC**
- Correction To Cause Code
- **SEE CODE SOURCE 928**

**TOC**
- Weapon System Transaction Origination Code
- **SEE CODE SOURCE 933**

**WAC**
- Weapon System Advice Code
- **SEE CODE SOURCE 933**

**WEC**
- Weapon System Essentiality Code
- **SEE CODE SOURCE 933**

**WSC**
- Weapon System Status Code
- **SEE CODE SOURCE 933**

**WSM**
- Weapon System Maintenance Code
- **SEE CODE SOURCE 933**

### CODE SOURCES:

- 929

### SEGMENTS USED IN (AS SIMPLE):

| L13 | M11 |

### TRANSACTION SETS USED IN:

- 309
- 355
- 601

---

**X12J MINUTES**

**DATA ELEMENTS • 1270**

### CODE DEFINITION AND EXPLANATION

<table>
<thead>
<tr>
<th>CODE</th>
<th>DEFINITION AND EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>AE</td>
<td>Shipment Information Filed Through the Automated Export System (AES)</td>
</tr>
<tr>
<td>CN</td>
<td>Ultimate Destination Canada</td>
</tr>
<tr>
<td>DP</td>
<td>Diplomatic Pouches</td>
</tr>
<tr>
<td>GS</td>
<td>Shipment to U.S. Agencies</td>
</tr>
<tr>
<td>HH</td>
<td>Household Shipments</td>
</tr>
<tr>
<td>HR</td>
<td>Human Remains</td>
</tr>
<tr>
<td>MS</td>
<td>U.S. Military Supplies</td>
</tr>
<tr>
<td>PP</td>
<td>Personal Property</td>
</tr>
<tr>
<td>UP</td>
<td>Shipments between U.S. Possessions except the Virgin Islands</td>
</tr>
<tr>
<td>UR</td>
<td>Unreported Low-value Shipments</td>
</tr>
<tr>
<td>ZD</td>
<td>Foreign Trade Zone, Duty Deferral Shipment</td>
</tr>
</tbody>
</table>

**ADD CODES TOC, WAC, WEC, WSC and WSM.**

**ADD CODE CCC.**

---

**I01 Authorization Information Qualifier**

**TYPE= ID**

**MIN= 2**

**MAX= 2**

Code identifying the type of information in the Authorization Information

**RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY**

### SEGMENTS USED IN (AS SIMPLE):

| ISA |

### TRANSACTION SETS USED IN:

| None |

### CODE DEFINITION AND EXPLANATION

<table>
<thead>
<tr>
<th>CODE</th>
<th>DEFINITION AND EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>07</td>
<td>Truck Communications ID</td>
</tr>
<tr>
<td>08</td>
<td>Sea Communications ID</td>
</tr>
</tbody>
</table>

**ADD CODES 07 and 08.**
### ZIP Code

**SIMPLE CODE REFERENCE:**

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Code Number</th>
<th>Code Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>66/16</td>
<td>309/PQ</td>
<td>309/PR</td>
</tr>
<tr>
<td></td>
<td>309/PS</td>
<td>771/010</td>
</tr>
</tbody>
</table>

Deletes reference to simple data element/code 116.

**SOURCE:**
National ZIP Code and Post Office Directory, Publication 65

The USPS Domestic Mail Manual

**AVAILABLE FROM:**
U.S Postal Service
Washington, DC 20260

New Orders
Superintendent of Documents
P.O. Box 371954
Pittsburgh, PA 15250-7954

**ABSTRACT:**
The ZIP Code is a geographic identifier of areas within the United States and its territories for purposes of expediting mail distribution by the U.S. Postal Service. It is five or nine numeric digits. The ZIP Code structure divides the U.S. into ten large groups of states. The leftmost digit identifies one of these groups. The next two digits identify a smaller geographic area within the large group. The two rightmost digits identify a local delivery area. In the nine-digit ZIP Code, the four digits that follow the hyphen further subdivide the delivery area. The two leftmost digits identify a sector which may consist of several large buildings, blocks or groups of streets. The rightmost digits divide the sector into segments such as a street, a block, a floor of a building, or a cluster of mailboxes.

The USPS Domestics Mail Manual includes information on the use of the new 11-digit zip code.

### Defense Logistics Management System Manual

**SIMPLE DATA ELEMENT REFERENCE:**

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Code Number</th>
<th>Code Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>464</td>
<td>465</td>
<td></td>
</tr>
</tbody>
</table>

**SIMPLE CODE REFERENCE:**

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Code Number</th>
<th>Code Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>23/1</td>
<td>66/10</td>
<td>66/A2</td>
</tr>
<tr>
<td>128/UID</td>
<td>235/OU</td>
<td>1270/0</td>
</tr>
<tr>
<td>1270/4</td>
<td>1270/5</td>
<td>1270/7</td>
</tr>
<tr>
<td>1270/11</td>
<td>1270/12</td>
<td>1270/13</td>
</tr>
<tr>
<td>1270/17</td>
<td>1270/19</td>
<td>1270/20</td>
</tr>
<tr>
<td>1270/23</td>
<td>1270/24</td>
<td>1270/25</td>
</tr>
<tr>
<td>1270/28</td>
<td>1270/29</td>
<td>1270/30</td>
</tr>
<tr>
<td>1270/34</td>
<td>1270/35</td>
<td>1270/36</td>
</tr>
<tr>
<td>1270/39</td>
<td>1270/40</td>
<td>1270/41</td>
</tr>
<tr>
<td>1270/44</td>
<td>1270/45</td>
<td>1270/46</td>
</tr>
<tr>
<td>1270/49</td>
<td>1270/52</td>
<td>1270/53</td>
</tr>
<tr>
<td>1270/56</td>
<td>1270/60</td>
<td>1270/61</td>
</tr>
<tr>
<td>1270/75</td>
<td>1270/78</td>
<td>1270/79</td>
</tr>
<tr>
<td>1270/82</td>
<td>1270/83</td>
<td>1270/84</td>
</tr>
<tr>
<td>1270/88</td>
<td>1270/89</td>
<td>1270/90</td>
</tr>
<tr>
<td>1270/94</td>
<td>1270/96</td>
<td>1270/97</td>
</tr>
<tr>
<td>1270/A1</td>
<td>1270/A2</td>
<td>1270/A9</td>
</tr>
<tr>
<td>1270/AL</td>
<td>1270/BA</td>
<td>1270/BC</td>
</tr>
<tr>
<td>1270/CB</td>
<td>1270/CF</td>
<td>1270/CG</td>
</tr>
<tr>
<td>1270/DF</td>
<td>1270/DG</td>
<td>1270/EA</td>
</tr>
<tr>
<td>1270/ED</td>
<td>1270/EE</td>
<td>1270/EF</td>
</tr>
<tr>
<td>1270/EJ</td>
<td>1270/EL</td>
<td>1270/EM</td>
</tr>
<tr>
<td>1270/EU</td>
<td>1270/EV</td>
<td>1270/EW</td>
</tr>
<tr>
<td>1270/EZ</td>
<td>1270/FA</td>
<td>1270/FB</td>
</tr>
<tr>
<td>1270/FP</td>
<td>1270/GA</td>
<td>1270/GB</td>
</tr>
<tr>
<td>1270/GE</td>
<td>1270/GF</td>
<td>1270/GG</td>
</tr>
<tr>
<td>1270/GK</td>
<td>1270/HA</td>
<td>1270/HB</td>
</tr>
<tr>
<td>1270/LZ</td>
<td>1270/NT</td>
<td>1270/SO</td>
</tr>
<tr>
<td>1270/QUI</td>
<td>1270/UTC</td>
<td>105/10</td>
</tr>
</tbody>
</table>

Changes reference to simple data element 128/UID.

**SOURCE:**
Defense Logistics Management System Manual
Volume 1, Concepts and Standards
DoD 4000.25-M, Vol. 1

**AVAILABLE FROM:**
DLMSO, J-673, Suite 1834
Defense Logistics Management Standards Office
Defense Logistics Agency, J-6
8725 John J. Kingman Road, STOP 6236
Fort Belvoir, VA 22060-6214

**INTERNET:**
http://www.dla.mil/j-6/dlms

**ABSTRACT:**
This publication provides a comprehensive set of concepts, general guidance and codes related to EDI processing in the Department of Defense logistics system, in ASC X12 syntax.

Changes "available from" of code source.
Changes "Internet address" of code source.
**928 Customer Depot Complaint System**

SIMPLE CODE REFERENCE: 1270/CCC

SOURCE: DLAH 4140.4 Volume I, Customer Depot Complaint System (CDCS) Handbook Parts 1 and 2

AVAILABLE FROM: DSIO-MS Defense Logistics Agency Systems Integration Office P.O. Box 182242 Columbus, OH 43218-2242

ABSTRACT: This Handbook provides standard procedures, processes, and document formats for the Customer Depot Complaint System (CDCS). It is designed for use by the Defense Supply Centers and depot facilities that utilize the DLA supply system. This Handbook is comprised of two parts: Part 1 - Policy and Complaint Processes (Inquiry and Interactive); Part 2 - Supporting Complaint Procedures and Data.

**930 Society for the Plastics Industry (SPI)**

SIMPLE CODE REFERENCE: 559/PI

SOURCE: The Society of the Plastics Industry, Inc. (SPI)

AVAILABLE FROM: The Society of the Plastics Industry, Inc. (SPI) 1801 K Street, Suite 600 Washington, DC 20006

INTERNET: http://www.plasticsindustry.org/outreach/recycling/resincodes.htm

ABSTRACT: Founded in 1937, the Society of the Plastics Industry, Inc. is the trade association representing the fourth-largest manufacturing industry in the United States. SPI represents and serves as the voice of the broad-based plastics industry locally, nationally and internationally, with emphasis on influencing public policy on issues of concern to the industry.

**929 Export Information Codes**

SIMPLE DATA ELEMENT REFERENCE: 1578

SOURCE: AES Trade Interface Requirements (AESTIR), Appendix E - Export Information Codes

AVAILABLE FROM: Bureau of Customs and Border Protection 7501 Boston Blvd. Mail Stop 208/D71 Springfield, VA 22153

INTERNET: http://www.customs.gov/xp/cgov/export/aes/tech_docs/aestir/

ABSTRACT: The Bureau of Customs and Border Protection’s (CBP), *Automated Export System Trade Interface Requirements (AESTIR)*, is the index to all documents and record formats used by CBP’s Automated Export System (AES). It provides the Customs Proprietary and ANSI X.12 record formats used to transmit commodity and transportation export data to Customs via AES. The appendices to the AESTIR provide reference information and codes used by AES to validate certain required data. The AESTIR is available via Customs’ website in a downloadable, .pdf format.

**931 Manifest Type Codes**

SIMPLE DATA ELEMENT REFERENCE: 256

SOURCE: Customs Automated Manifest Interface Requirements Document

AVAILABLE FROM: U.S. Customs and Border Protection Office of Commercial Compliance 1301 Constitution Avenue, NW Washington, DC 20229

ABSTRACT: U.S. Customs and Border Protection Manifest Type codes as defined by the Customs Automated Manifest Interface Requirements Document.

**932 Universal Postal Codes**

SIMPLE DATA ELEMENT REFERENCE: Universal Postal Union website

AVAILABLE FROM: International Bureau of the Universal Postal Union POST*CODE Case postale 13 3000 BERNE 15 Switzerland

ABSTRACT: The postcode is the fundamental, essential element of an address.

A unique, universal identifier, it unambiguously identifies the addressee's locality and assists in the transmission and sorting of mail items.

At present, 105 UPU member countries use postcodes as part of their addressing systems.

933 Weapon System Codes

Creates code source. B 063303

SIMPLE CODE REFERENCE:
1270/TOC  1270/WAC  1270/WEC  1270/WSC  1270/WSM


AVAILABLE FROM: Defense Logistics Agency (DLA) Systems Integration Office
ATTN: DISO-MS
P.O. Box 182242
Columbus, OH  43218-2242

ABSTRACT: DLAM 4140.2, Volume II, Part 3 provides operating procedures for determination of requirements, asset management, and inventory accounting of materiel on a centralized basis. Appendix A describes and lists the codes used on input/output documents or in system files and records. Appendix A-22 defines code TOC. Appendix A-57 defines codes WAC and WSC.