RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Requester: Columbia Gas Transmission   Request No.: R97126

1. Recommended Action:

   ___Accept as requested
   _X_Accept as modified below
   ___Decline

Effect of EC Vote to Accept Recommended Action:

   _X_Change to Existing Practice
   ___Status Quo

2. TYPE OF MAINTENANCE

Per Request:

   ___Initiation
   _X_Modification
   ___Interpretation
   ___Withdrawal

   ___Principle (x.1.z)
   ___Definition (x.2.z)
   ___Business Practice Standard (x.3.z)
   ___Document (x.4.z)
   ___Data Element (x.4.z)
   ___Code Value (x.4.z)
   ___X12 Implementation Guide
   ___Business Process Documentation
   _X_Technical Implementation

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   ___Business Process Documentation
   _X_Technical Implementation

3. RECOMMENDATION

Standards book: Electronic Delivery Mechanism Related Standards

TABLE A - Internet EDM Standard Error Codes and Messages (for addition, modification, or deletion to the table of errors/warnings)

Validation Code	Description	Data Element	Required vs. Mutually Agreed
EEDM701	**EDM party not associated with EDI party**		**Required**
EEDM702	**Data Structure Error**		**Required if the translator does not handle this exception**
EEDM703	**Data set exchange not established for Trading Partner**		**Required if the translator does not handle this exception**

4. SUPPORTING DOCUMENTATION

a. Description of Request:

Add an error code and message to "Table A - Internet EDM Standard Error Codes and Messages". An EDM error is needed for EDI translation errors.

b. Description of Recommendation:

We received further explanation from Columbia Gas Transmission. What was intended by the request was to provide the standard error messages for those exceptions that may occur after decryption errors and before a 997 Functional Acknowledgement may be generated and returned to the sender. There are certain error conditions that will cause failure of the processing precluding generation of a 997 to the sender. This request was a provision for standard responses to the sender in the event of such errors.

Objective of R97126: Develop standard EDM error messages for problems occurring beyond decryption but before the generation of a 997. Significant discussion identified a number of categories of messages and resulted in the following:

Format convention for errors/warnings in EDM is:
EEDMxxx:Standard Text;Variable Text

Items approved for **addition to TABLE A in the Electronic Delivery Mechanism Related Standards** are as follows:

Function: Checks for association between EDM tags and ISA sender and receiver
EEDM code   : EEDM701
Standard text   : EDM party not associated with EDI party
Variable text   : optional and open

Sense of the Room: April 24, 1998   __13__ In Favor   __0__ Opposed   __0__ Abstained
Segment Check (if applicable):

In Favor :	End-Users	LDCs	Pipelines	Producers	Services
Opposed:	End-Users	LDCs	Pipelines	Producers	Services

Function: X12 Compliance (i.e.missing major X12 segments)
EEDM code   : EEDM702
Standard text   : Data Structure Error
Variable text   : optional and open

Sense of the Room: April 24, 1998   __12__ In Favor   __1__ Opposed   __0__ Abstained
Segment Check (if applicable):

In Favor :	End-Users	LDCs	Pipelines	Producers	Services
Opposed:	End-Users	LDCs	Pipelines	Producers	Services

Function: Trading Partner errors for X12 (i.e. X12 document not set up for the trading partner)
EEDM code   : EEDM703
Standard text   : Data set exchange not established for Trading Partner
Variable text   : optional and open

Sense of the Room: April 24, 1998   _12_ In Favor   _0_ Opposed   _1_ Abstained
Segment Check (if applicable):
    In Favor :   __End-Users   __LDCs   __Pipelines   __Producers   __Services
    Opposed: __End-Users   __LDCs   __Pipelines   __Producers   __Services

c. Business Purpose:
    Taken from the original request:

    Whenever an EDI translation error occurs, an HTTP response would be sent with the appropriate error
    code.

    There are a variety of translation errors. Most translation errors will be identified in a 997 that is returned
    to the sender. However, some translation errors do not generate a 997 which leaves the sender wondering
    if the data set was processed. Adding an EDM error code for translation errors will allow a response with
    a meaningful error to be returned to the sender. This response will positively identify the problem so that
    the appropriate action may be taken to fix the problem.

d. Commentary/Rationale of Subcommittee(s)/Task Force(s):

    We approached the request with the understanding that each implementation may differ in whether these
    error conditions may already be handled by the EDI translator or if covered by the EDM processes (HTTP
    Response or EDM error notification) leading up to generation of a 997 EDI Functional Acknowledgement
    from the EDI translator. EEDM703 is an example of an error condition that will be handled by many
    translator products, however, in some implementations, this would instead have to be handled in the EDM
    processes because the EDI package does not provide this error handling. EEDM701 is an example of an
    error condition that can only be handled by the EDM processes because it involves the checking of a valid
    association between the EDM from/to values and the X12 ISA Sender/Receiver ID values.