**1. RECOMMENDED ACTION EFFECT OF EC VOTE TO ACCEPT**

**RECOMMENDED ACTION**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Accept as requested | X | Change to Existing Practice |
| X | Accept as modified below |  | Status Quo |
|  | Decline |  | Correction |

**2. TYPE OF DEVELOPMENT / MAINTENANCE**

|  |  |  |  |
| --- | --- | --- | --- |
| **Per Request:** | | **Per Recommendation:** | |
|  | Initiation |  | Initiation |
| X | Modification | X | Modification |
|  | Interpretation |  | Interpretation |
|  | Withdrawal |  | Withdrawal |
|  |  |  |  |
|  | Principle *[x.1.z]* |  | Principle *[x.1.z]* |
|  | Definition *[x.2.z]* |  | Definition *[x.2.z]* |
|  | Business Practice Standard *[x.3.z]* |  | Business Practice Standard *[x.3.z]* |
|  | Document *[x.4.z]* |  | Document *[x.4.z]* |
|  | Data Element *[x.4.z]* |  | Data Element *[x.4.z]* |
|  | Code Value *[x.4.z]* |  | Code Value *[x.4.z]* |
| X | X12 Implementation Guide *[x.4.z]* | X | X12 Implementation Guide *[x.4.z]* |
|  | Model XML *[x.5.z]* |  | Model XML *[x.5.z]* |
|  | Business Process Documentation |  | Business Process Documentation |

**3. RECOMMENDATION**

**SUMMARY:** To be included in NAESB WGQ Standards Version 3.2

* Create a new EDI X12 Mapping Guidelines document to replace the existing document in the NAESB WGQ Standard No. 3.4.1 – Transportation / Sales Invoice to correct the hierarchical structure of the X12 811 Transaction Set
* Modify the EDI X12 Mapping Guidelines document in the following datasets to correct the hierarchical structure of the X12 811 Transaction Set:

NAESB WGQ Standard No. 3.4.4 Service Requester Level Charge /

Allowance Invoice

NAESB WGQ Standard No. 2.4.4 Shipper Imbalance

*Note to NAESB Office: Modifications in this request should be applied after other requests.*

**TECHNICAL CHANGE LOG:** (all instructions to accomplish the recommendation)

**Document Name and No.:**

NAESB WGQ Standard No. 3.4.1 Transportation/Sales Invoice

A New EDI X12 Mapping Guidelines document was created, and can be found as Attachment 1 to the December 10, 2019 Meeting Minutes.

**Document Name and No.:**

NAESB WGQ Standard No. 2.4.4 Shipper Imbalance

| **Description of Change: EDI X12 Mapping Guidelines** |
| --- |
| **Heading:**  **Segment REF (Position 0500)**  Modify the Max Use from ‘>1’ to ‘3’  **Segment PER (Position 0600)**  Modify the Max Use from ‘3’ to ‘1’  **Segment DTM (Position 0800)**  Modify the Max Use from ‘10’ to ‘2’  **LOOP ID – N1 (above Position 1000)**  Modify the Loop Repeat from ‘>1’ to ‘4’  **Segment N3 (Position 1200)**  Modify the Max Use from ‘2’ to 1’  **Segment REF (Position 1400)**  Modify the Max Use from ‘12’ to ‘4’ |
| **Detail:**  **LOOP ID – LX (above Position 0200)**  Modify the Loop Repeat from ‘>1’ to ‘1’  **Segment REF (Position 0500)**  Modify the Max Use from ‘>1’ to ‘1’  **Segment DTM (Position 2700)**  Modify the Max Use from ‘10’ to ‘1’  **Segment LQ (Position 2830)**  Modify the Max Use from ‘>1’ to ‘1’  **LOOP ID – AMT (above Position 2850)**  Modify the Loop Repeat from ‘>1’ to ‘1’ |

**Document Name and No.:**

NAESB WGQ Standard No. 2.4.4 Shipper Imbalance

| **Description of Change: EDI X12 Mapping Guidelines** |
| --- |
| **Heading:**  **Segment DTM (Position 0800)**  Modify the Max Use from ‘10’ to ‘2’  **LOOP ID – N1 (above Position 1000)**  Modify the Loop Repeat from ‘>1’ to ‘2’  **Segment PER (Position 1500)**  Modify the Max Use from ‘3’ to ‘1’ |
| **Detail:**  **LOOP ID – IT1 (above Position 2100)**  Modify the Loop Repeat from ‘999999’ to ‘1’  **Segment LQ (Position 2830)**  Modify the Max Use from ‘>1’ to ‘2’  **LOOP ID – AMT (above Position 2850)**  Modify the Loop Repeat from ‘>1’ to ‘1’  **LOOP ID – QTY (above Position 2900)**  Modify the Loop Repeat from ‘>1’ to ‘1’  **Loop ID – NM1 (above Position 3400)**  Modify the Loop Repeat from ‘>1’ to ‘1’ |
| **Sub-detail:**  **LOOP ID – HL (above Position 7600)**  Modify the Loop Repeat from ‘1’ to ‘>1’  **Segment HL (Position 7600)**  Mark Segment as ‘Must Use’.  **LOOP ID – IT1 (above Position 7700)** Modify the Loop Repeat from ‘999999’ to ‘1’ |
| **Sub-detail (con’t)**  **Segment REF (Position 7800)**  Modify the Max Use from ‘>1’ to ‘5’  **Segment DTM (Position 7850)**  **DTM05 (Data Element 1250)**  Mark Data Element as ‘Must Use’.  **DTM06 (Data Element 1251)**  Mark Data Element as ‘Must Use’.  **Segment LQ (Position 7900)**  Modify the Max Use from ‘>1’ to ‘2’  **LOOP ID – NM1 (above Position 8000)**  Modify the Loop Repeat from ‘1’ to ‘2’  **Segment REF (Position 8100)**  Modify the Max Use from ‘>1’ to ‘1’  **Segment LCD (Position 8200)**  Modify the Max Use from ‘>1’ to ‘2’ |
| **Sub-sub-detail:**  **LOOP ID – HL (above Position 8300)**  Modify the Loop Repeat from ‘1’ to ‘>1’  **Segment HL (Position 8300)**  Mark Segment as ‘Must Use’.  **Segment DTM (Position 8500)**  Modify the Max Use from ‘10’ to ‘1’  **Segment LQ (Position 8600)**  Modify the Max Use from ‘>1’ to ‘3’  **LOOP ID – AMT (above Position 8700)**  Modify the Loop Repeat from ‘1’ to ‘2’  **LOOP ID – QTY above Position 8800)**  Modify the Loop Repeat from ‘1’ to ‘11’ |

**4. SUPPORTING DOCUMENTATION**

1. **Description of Request:**

Errors were discovered in the EDI implementation (looping structure, loop counts, segment counts, etc.) of the NAESB Transportation/Sales Invoice (NAESB WGQ Standard No. 3.4.1). While the errors were discovered in Version 3.1, the data set has not been entirely correct since Version 1.5, published in 2001. These errors mean that the EDI data set cannot be used in its current form because it does not match the ASC x12 hierarchical mapping structure of the 811 data set. As several pipelines have received requests from trading partners to implement the Transportation Invoice in EDI, it is requested that the Technical Subcommittee review the Transportation/Sales Invoice, the Service Requester Level Charge/Allowance Invoice, and the

Shipper Imbalance, each of which uses the hierarchical structure of the 811 data set, and make updates, as necessary, to restore the data set to the x12 compliant structure.

1. **Description of Recommendation:**

**Information Requirements / Technical Subcommittee**

See the following meeting minutes for the Joint Information Requirements / Technical Subcommittees:

* September 3-4, 2019
* October 15-16, 2019
* December 10, 2019

**Motion:**

Adopt the proposed implementation for R19011 to be applied in NAESB WGQ Version 3.2, as set forth in Attachment 1 to the [date] meeting minutes of the NAESB WGQ Joint Information Requirements / Technical Subcommittees.

*[Vote]*