**Texas**

**Standard**

**Electronic**

**Transaction**

**650\_04:**

##### Planned or Unplanned Outage Notification

Electronic Data Interchange

ANSI ASC X12 Ver/Rel 004010

Transaction Set 650

**Texas 650\_04:**

Planned or Unplanned Outage Notification

This transaction set...

…from TDSP to CR, used to notify the CR of a suspension of delivery service or to cancel the notification of suspension of delivery service.

…from MOU/EC TDSP to CR, used to notify CR of disconnect/reconnect of delivery service for non-payment of wires charges, unless otherwise indicated in Retail Market Guide 8.1

Document Flows:

* TDSP to CR
* MOU/EC TDSP to CR, unless otherwise indicated in Retail Market Guide 8.1

The Functional Acknowledgement (997) transaction set from the receiver of the originating transaction to the sender of the originating transaction, is used to acknowledge the receipt of the originating transaction and indicate whether the transaction passed ANSI X12 validation. This acknowledgement does not imply that the originating transaction passed Texas SET validation. “CR, TDSP, or ERCOT shall respond with a 997 within 24 hours of receipt of an inbound transaction.”

|  |  |  |
| --- | --- | --- |
|  |  | Summary of Changes |
| August 3, 2001  Version 1.4 |  | Initial Release |
|  |  |  |
| June 17th, 2002  Version 1.5 |  | The following changes were made: |
|  |  | * Change Control 2001-174 – BGN06 correct typo. Added space between original and suspension. |
|  |  | * Change Control 2002-259 – Changed Life Support Indicator to Special Needs and eliminated the “I” value. |
|  |  | * Change Control 2002-282 – Added new Suspension Code DP001 |
|  |  | * Reformatted guideline so it is consistent with other guidelines, including fonts, How To Use this Implementation Guide. |
| 8/5/02 |  | * Change Control 2002-346 – Corrected SE count in Example 2 |
| 8/5/02 |  | * Change Control 2002-353 – Corrected Implementation guide “Summary of Changes” by cleaning up previously missed or inaccurate additions to Summary of Changes: |
|  |  | * Change Control 2002-308 – Changed Description of DP001 from “Customer Requested”, which is already used with CR001, to “Disconnect Non-Payment”. |
|  |  | * Change Control 2002-353 – Updated Change Control Log to add approved Version 1.5 Change Control 2002-308. This was previously missed at time of update of implementation guide and is needed to reflect the approved change control. |
| May 29th, 2003  Version 1.6 |  | The following changes were made: |
|  |  | * Change Control 2002-462 The cancellation of a suspension of services should apply to the entire original suspension of delivery services. |
|  |  | * Change Control 2003-488 Update gray box on the 650\_04 for the REF\*MG segment |
|  |  | * Change Control 2003-495 Correct Examples in the back of the implementation guide. |
| 6/12/03 |  | * Change Control 2003-528 Add Business Process Overviews to the appropriate implementation guides |
| September 29th, 2003  Version 2.0 |  | No Changes |
| October 8, 2004  Version 2.0A |  | Change Control 2004-634:   * As per discussions at the June 04 TX SET meeting, additional language should be added to each Transaction Set to identify the requirements and required response to the 997 Functional acknowledgement – The Functional Acknowledgement (997) transaction set from the receiver of the originating transaction to the sender of the originating transaction, is used to acknowledge the receipt of the originating transaction and indicate whether the transaction passed ANSI X12 validation. This acknowledgement does not imply that the originating transaction passed Texas SET validation. “CR, TDSP, or ERCOT shall respond with a 997 within 24 hours of receipt of an inbound transaction.” |
| March 1, 2005  Version 2.1 |  | Change Control 2002-466:   * Add code to the 650\_04 to provide a means for the TDSP to inform a CR that the service is being permanently suspended for an ESI ID. Also add suspension code to indicate that facilities have been removed from the ESI ID.   Change Control 2003-471:   * Remove the “Must Use” from the YNQ04 of the YNQ~5U segment   Change Control 2004-652:   * Add a new suspension code for use in the MOU/EC market to provide the MCTDSP a way to notify the CR that the retail customer has requested a permanent disconnect and final bill. The new code in the 650\_04 should prompt the CR to send an 814\_24 for the ESI ID. This code will only be used for ESI IDs within a MOU/EC service territory.   Change Control 2004-653:   * Add new Action codes (BGN08) for use in the MOU/EC market to provide the MCTDSP a way to notify the CR that a customer disconnected by MCTDSP for non-payment has been reconnected. This code will only be used for ESI IDs within a MOU/EC service territory.   Change Control 2005-683:   * Add clarity to the transaction notes section regarding the Texas Market use of characters in alphanumeric fields   Change Control 2005-688   * Update gray box of 650\_04 DTM~215 segment to have the TDSP send an optional date when on the BGN08 = R8. |
| September 1, 2006  Version 3.0 |  | Change Control 2006-691:   * To support the changes in the revised Pro-Forma Retail Delivery Tariff, PUCT Project 29637. * Add new code to communicate the reconnection for the denial of access.   Change Control 2006-702:   * TDSPs presently do not have a BGN~08 Action code to send to inform the CR that their customer has been reconnected after the TDSP has resolved the access issue with the customer. Modify the language in the grey box for BGN~08~79. |
| November 30, 2010  Version 3.0A |  | Change Control 2009-729:   * Remove examples from Implementation Guides and create separate documents to allow for quicker correction and addition of new examples without a TX SET release |
| June 11, 2012  Version 4.0 |  | Change Control 2009-722:   * IG currently requires Originating Tran ID and Estimated Restoration Date whenever purpose code = "79". It is actually only required when purpose code = 79 AND Suspension/Reactivation code = RC001. Causing false rejection of a 650\_04 Reactivate after disconnect for denial of access when Originating Transaction ID and Estimated Restoration Date is not also included.   Change Control 2009-748:   * The purpose of this Change Control is to sync the names of the Texas SET Guide transactions, with the names of the transactions in Protocol and the Retail Market Guide. |
| November 2, 2020  Version 4.0A |  | Change Control 2020-806:   * Sync the Texas SET Implementation Guides with ERCOT Protocols in the way the Muni-Coop is abbreviated.   Change Control 2020-810:   * Clarifies how the TDSP utilizes the BGN08 and REF~5H segments within the 650\_04 when terminating or suspending service at a premise.   Change Control 2020-820   * Recipients of the Select Language Characters (Special Characters) found in the Extended Character Set of the Application Control Structure can be rejected with a 997 Reject. |
| August 1, 2023  Version 4.0A |  | Change Control 2023-841   * Update the transaction summary to support options available to MOU/EC for retail transaction processing upon entry into retail competition. |

**Business Process Overview**

|  |  |  |
| --- | --- | --- |
| Overview |  | **The 650\_04 (TDSP to CR) business process overview addresses the following areas:**     1. Suspension/Cancellation of Delivery Service Notification Overview 2. Multi-Metered/Un-Metered ESI Id’s |
| Suspension/Cancellation of Delivery Service Notification Overview |  | * Transaction used by the TDSP to notify the CR when Service has been or will be suspended or Notification that a planned outage has been cancelled. * The TDSP will send this transaction to the CR via point to point Protocol. |
| ***Multi-Metered/Un –Metered ESI Id’s*** |  | When suspending service on an ESI ID with multiple meters the TDSP will designate the affected meter(s) in the REF~MG. |

**How to Use this Implementation Guide**

This section is used to show the **X12 Rules** for this segment. You must look further into the grayboxes below for Texas Rules.

**Segment: REF Reference Identification (ESI ID)**

**Position:** 030

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

**Syntax Notes:** **1** At least one of REF02 or REF03 is required.

**2** If either C04003 or C04004 is present, then the other is required.

**3** If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

**Comments:**

This section is used to show the Texas Rules for implementation of this segment.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | REF~Q5~~10111111234567890ABCDEFGHIJKLMNOPQRS |

**Data Element Summary**

One or more examples.

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Must Use | **REF01** | **128** | **Reference Identification Qualifier** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code qualifying the Reference Identification | | | | | | | |
|  | | | | Q5 |  | Property Control Number | | | | |
|  | | | | | | Electric Service Identifier (ESI ID) | | | |
| Must Use | **REF03** | **352** | **Description** | | | | **X** |  | **AN 1/80** | | |
|  | | | A free-form description to clarify the related data elements and their content | | | | | | | |
|  | | | ESI ID | | | | | | | |

This column shows the Texas use of each data element.

This column shows the X12 attributes for each data element.

M = Mandatory

O = Optional

# X = Relational

# C = Conditional

AN = Alphanumeric

N# = Implied Decimal at position #

ID = Identification

R = Real

1/30 = Minimum 1, Maximum 30

These are X12 code descriptions, which often do not relate to the Texas descriptions.

X12 cannot keep up with Texas needs, thus, Texas often changes the meaning of existing codes. See the corresponding graybox for the Texas definitions.

650 Maintenance Service Order

ANSI ASC X12 Structure

**Functional Group ID=MO**

**Introduction:**

This Draft Standard for Trial Use contains the format and establishes then data contents of the Maintenance Service Order Transaction Set (650) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides a uniform, singular medium for the exchange of maintenance related information among organizations involved in the reporting, requesting, scheduling, planning, estimating, coordinating and performing of maintenance actions. It provides the structure to convey maintenance-related information, including maintenance action directives, maintenance actions, cost estimates, maintenance action assignments, maintenance action status, and completion reports. This transaction set can be used in a bi-directional environment alone or in conjunction with the Project Schedule Reporting Transaction Set (806) to link schedule and maintenance action information as well as with the Specifications/Technical Information Transaction Set (841) to link maintenance-related, media independent, technical data.

**Heading:**

**Pos. Seg. Req. Loop Notes and**

**No. ID Name Des. Max.Use Repeat Comments**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| M | 010 | ST | Transaction Set Header | M | 1 |  |  |  |  |  |  |  |  |
| M | 020 | BGN | Beginning Segment | M | 1 |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID - N1 |  |  | >1 |  |  |  |  |  |  |  |
|  | 050 | N1 | Name | O | 1 |  | n1 | | |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Detail:**

**Pos. Seg. Req. Loop Notes and**

**No. ID Name Des. Max.Use Repeat Comments**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | LOOP ID - HL |  |  | >1 |  |  |  |  |  |  |  |
| M | 010 | HL | Hierarchical Level (Service Order Level Information) | M | 1 |  | n3 | | |  |  |  |  |  |  |
|  | 030 | REF | Reference Identification | O | >1 |  |  | | |  |  |  |  |  |  |
|  | 050 | DTM | Date/Time Reference | O | >1 |  |  | | |  |  |  |  |  |  |
|  | 070 | YNQ | Yes/No Question | O | >1 |  | n4 | | |  |  |  |  |  |  |
|  |  |  | LOOP ID - MTX |  |  | >1 |  | | |  |  |  |  |  |  |
|  | 250 | MTX | Text (Comments) | O | 1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| M | 290 | SE | Transaction Set Trailer | M | 1 |  |  |  |  |  |  |  |  |

**Transaction Set Notes**

**1.** The N1 segment identifies the organization originating and receiving the transaction set.

**2.** The HL levels are group work candidate and work candidate. Valid HL parent-child relationships are 1) group work candidate-group work candidate and 2) group work candidate-work candidate.

1. The YNQ segment identifies conditions related to a maintenance or repair requirement.

For use on an alphanumeric field, Texas SET recognizes all characters within the Basic Character Set. Within the Extended Character Set, Texas SET recognizes all character sets except all Select Language Characters found in Section 3.3.2 item (4) of X12 Application Control Structure. Exceptions to ANSI Standards for alphanumeric fields are noted in gray boxes of this Implementation Guide.

Receipt of the Select Language Characters found in Section 3.3.2 item (4) of the Application Control Structure may be rejected with a 997 Reject transaction by recipient.

For reference, the Select Language Characters found in Section 3.3.2 item (4) of the ANSI Standards are:

À|Á|Â|Ä|à|á|â|ä|È|É|Ê|è|é|ê|ë|Ì|Í|Î|ì|í|î|ï|Ò|Ó|Ô|Ö|ò|ó|ô|ö|Ù|Ú|Û|Ü|ù|ú|û|ü|Ç|ç|Ñ|ñ|¿|¡

**Segment: ST Transaction Set Header**

**Position:** 010

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the start of a transaction set and to assign a control number

**Syntax Notes:**

**Semantic Notes:** **1** The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | ST~650~000000001 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **ST01** | **143** | **Transaction Set Identifier Code** | | | | **M** |  | **ID 3/3** | |
|  | | | Code uniquely identifying a Transaction Set | | | | | | |
|  | | | | 650 |  | Maintenance Service Order | | | |
| **Must Use** | **ST02** | **329** | **Transaction Set Control Number** | | | | **M** |  | **AN 4/9** | |
|  | | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | | | | |

**Segment: BGN Beginning Segment**

**Position:** 020

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the beginning of a transaction set

**Syntax Notes:** **1** If BGN05 is present, then BGN04 is required.

**Semantic Notes:** **1** BGN02 is the transaction set reference number.

**2** BGN03 is the transaction set date.

**3** BGN04 is the transaction set time.

**4** BGN05 is the transaction set time qualifier.

**5** BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | BGN~13~200106021954582~20010602~~~~~S2  BGN~13~200106021954582~20010602~~~200105071742763~~C  BGN~13~200106021954582~20010602~~~200105071742763~~79 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **BGN01** | **353** | **Transaction Set Purpose Code** | | | | **M** |  | **ID 2/2** | | |
|  | | | Code identifying purpose of transaction set | | | | | | | |
|  | | | | 13 |  | Request | | | | |
| **Must Use** | **BGN02** | **127** | **Reference Identification** | | | | **M** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | A unique transaction identification number assigned by the originator of this transaction. This number must be unique over time.  Transaction Reference numbers will only contain uppercase letters (A to Z) and digits (0 to 9). Note that punctuation (spaces, dashes, etc.) must be excluded. | | | | | | | |
| **Must Use** | **BGN03** | **373** | **Date** | | | | **M** |  | **DT 8/8** | | |
|  | | | Date expressed as CCYYMMDD | | | | | | | |
|  | | | The transaction creation date - the date that the data was processed by the sender's application system. | | | | | | | |
|  | **BGN06** | **127** | **Reference Identification** | | | | **O** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | Refers to the BGN02 of the original Suspension of Delivery Service Notification.  Required for MOU/EC TDSP ESI ID when BGN08 = 79 (Reactivate) and REF~5H = "RC001" (Reconnect after Disconnect for Non Pay). The BGN06 will refer back to the BGN02 of the original 650\_04 where BGN08 = S2 (Suspended) and the REF~5H = "DP001" (Disconnect for Non-Payment), otherwise not used.  Required when BGN08 = C (Cancelled)  Not Used when BGN08 = S2 (Suspended)  This number will be tracked in the BGN06 through the lifecycle of the Suspension of Delivery Service Notification | | | | | | | |
| **Must Use** | **BGN08** | **306** | **Action Code** | | | | **O** |  | **ID 1/2** | | |
|  | | | Code indicating type of action | | | | | | | |
|  | | | | 79 |  | Reactivate | | | | |
|  | | | | | | Reconnect; TDSP is notifying the current CR that customer has been reconnected.  Required for MOU/EC TDSP: ESI ID reconnected after disconnect for non-payment (REF~5H = RC001)    Required for TDSP and/or MOU/EC TDSP: ESI ID reconnected after denial of access has been resolved (REF~5H =RC004) where the TDSP or MOU/EC TDSP disconnected services due to denial of access via 650\_04 (REF~5H = GA001) | | | |
|  | | | | C |  | Cancelled | | | | |
|  | | | | | | Cancellation of a Suspension of Delivery Services will cancel the suspension in its entirety. A Suspension of Delivery Services cannot be partially cancelled. | | | |
|  | | | | R8 |  | Terminate | | | | |
|  | | | | | | Used to indicate that the ESI ID is permanently suspended and that the CR needs to submit an 814\_24 (Move Out) transaction so this ESI ID may be Retired. | | | |
|  | | | | S2 |  | Suspended | | | | |
|  | | | | | | All TDSPs:  Used for a temporary suspension of service by the TDSP. CR does not need to submit an 814\_24 Move-Out transaction, unless Suspension Code in REF~5H = 'DP001' (Disconnect for Non-Payment) received from MOU/EC TDSP meets the timeline as specified below.  Required for MOU/EC TDSP:  In order to avoid ongoing liability following a Disconnect for Non-Payment, a CR must submit an 814\_24 Move-Out transaction to terminate service no earlier than five (5) days after receipt of a 650\_04 transaction indicating successful completion of the Disconnect for Non-Payment (DP001) request. | | | |

**Segment: N1 Name (Transmission Distribution Service Provider)**

**Position:** 050

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Purpose:** To identify a party by type of organization, name, and code

**Syntax Notes:** **1** At least one of N102 or N103 is required.

**2** If either N103 or N104 is present, then the other is required.

**Semantic Notes:**

**Comments:** **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

**2** N105 and N106 further define the type of entity in N101.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | N1~8S~TDSP NAME~1~007909411~~41 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | 8S |  | Consumer Service Provider (CSP) | | | | |
|  | | | | | | Transmission Distribution Service Provider (TDSP) | | | |
| **Must Use** | **N102** | **93** | **Name** | | | | **X** |  | **AN 1/60** | | |
|  | | | Free-form name | | | | | | | |
|  | | | TDSP Name | | | | | | | |
| **Must Use** | **N103** | **66** | **Identification Code Qualifier** | | | | **X** |  | **ID 1/2** | | |
|  | | | Code designating the system/method of code structure used for Identification Code (67) | | | | | | | |
|  | | | | 1 |  | D-U-N-S Number, Dun & Bradstreet | | | | |
|  | | | | 9 |  | D-U-N-S+4, D-U-N-S Number with Four Character Suffix | | | | |
|  | **N104** | **67** | **Identification Code** | | | | **X** |  | **AN 2/80** | | |
|  | | | Code identifying a party or other code | | | | | | | |
|  | | | TDSP D-U-N-S Number or D-U-N-S + 4 Number | | | | | | | |
| **Must Use** | **N106** | **98** | **Entity Identifier Code** | | | | **O** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | 41 |  | Submitter | | | | |

**Segment: N1 Name (Competitive Retailer)**

**Position:** 050

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Purpose:** To identify a party by type of organization, name, and code

**Syntax Notes:** **1** At least one of N102 or N103 is required.

**2** If either N103 or N104 is present, then the other is required.

**Semantic Notes:**

**Comments:** **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

**2** N105 and N106 further define the type of entity in N101.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | N1~SJ~CR NAME~9~007909411ESP1~~40 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | SJ |  | Service Provider | | | | |
|  | | | | | | Competitive Retailer (CR) | | | |
| **Must Use** | **N102** | **93** | **Name** | | | | **X** |  | **AN 1/60** | | |
|  | | | Free-form name | | | | | | | |
|  | | | CR Name | | | | | | | |
| **Must Use** | **N103** | **66** | **Identification Code Qualifier** | | | | **X** |  | **ID 1/2** | | |
|  | | | Code designating the system/method of code structure used for Identification Code (67) | | | | | | | |
|  | | | | 1 |  | D-U-N-S Number, Dun & Bradstreet | | | | |
|  | | | | 9 |  | D-U-N-S+4, D-U-N-S Number with Four Character Suffix | | | | |
| **Must Use** | **N104** | **67** | **Identification Code** | | | | **X** |  | **AN 2/80** | | |
|  | | | Code identifying a party or other code | | | | | | | |
|  | | | CR D-U-N-S Number or D-U-N-S + 4 Number | | | | | | | |
| **Must Use** | **N106** | **98** | **Entity Identifier Code** | | | | **O** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | 40 |  | Receiver | | | | |

**Segment: HL Hierarchical Level (Suspension of Delivery Services)**

**Position:** 010

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To identify dependencies among and the content of hierarchically related groups of data segments

**Syntax Notes:**

**Semantic Notes:**

**Comments:** **1** The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.

The HL segment defines a top-down/left-right ordered structure.

**2** HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.

**3** HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.

**4** HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.

**5** HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Suspension of Delivery Services)  Required |
|  |  | HL~1~~EV~0 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **HL01** | **628** | **Hierarchical ID Number** | | | | **M** |  | **AN 1/12** | | |
|  | | | A unique number assigned by the sender to identify a particular data segment in a hierarchical structure | | | | | | | |
|  | | | This unique number will be used to identify each of the HL Loops, one for the parent loop (Suspension Of Delivery Services) for each transaction. | | | | | | | |
|  | | | | 1 |  | Parent HL Loop - Service Order Level Information | | | | |
| **Must Use** | **HL03** | **735** | **Hierarchical Level Code** | | | | **M** |  | **ID 1/2** | | |
|  | | | Code defining the characteristic of a level in a hierarchical structure | | | | | | | |
|  | | | | EV |  | Event | | | | |
|  | | | | | | Other type of action or report | | | |
| **Must Use** | **HL04** | **736** | **Hierarchical Child Code** | | | | **O** |  | **ID 1/1** | | |
|  | | | Code indicating if there are hierarchical child data segments subordinate to the level being described | | | | | | | |
|  | | | | 0 |  | No Subordinate HL Segment in This Hierarchical Structure. | | | | |

**Segment: REF Reference Identification (Suspension/Reactivation Code)**

**Position:** 030

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

**Syntax Notes:** **1** At least one of REF02 or REF03 is required.

**2** If either C04003 or C04004 is present, then the other is required.

**3** If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Suspension/Reactivation of Delivery Services)  All Suspensions/Reactivations of Delivery Service must be for known ESI IDs.  Note: REF~5H is used for informational purposes only. CR should only reference the BGN08 to determine if an 814\_24 Move Out transaction should be sent. |
|  |  | Required |
|  |  | REF~5H~DC001 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code qualifying the Reference Identification | | | | | | | |
|  | | | | 5H |  | Incident | | | | |
| **Must Use** | **REF02** | **127** | **Reference Identification** | | | | **X** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | | CR001 |  | Customer Requested | | | | |
|  | | | | | | Used to indicate work that is necessary to perform at the customer's request. | | | |
|  | | | | | | Example: Retail customer request temporary clearance directly to the TDSP. | | | |
|  | | | | CR002 |  | Customer Requested Permanent Disconnect | | | | |
|  | | | | | | For MOU/EC TDSP use only: Used to indicate that customer has requested a disconnect/final bill from the MOU/EC TDSP. MOU/EC TDSP has permanently disconnected this ESI ID for specified customer and CR must submit an 814\_24 move-out request for the ESI ID. | | | |
|  | | | | | | Example: Retail customer requests final bill directly from the MOU/EC TDSP. | | | |
|  | | | | DC001 |  | Dangerous Conditions Exist on Customer's Electrical Installation | | | | |
|  | | | | | | Service has been suspended to mitigate a dangerous condition that exists on a customer's electrical installation. | | | |
|  | | | | | | Example: Meter loop is pulled away from retail customer's structure and/or retail customer's inability to provide point of attachment for adequate overhead line clearance. | | | |
|  | | | | DP001 |  | Disconnect Non-Payment | | | | |
|  | | | | | | For MOU/EC TDSP use only: Used to indicate that disconnection for non-payment is necessary. | | | |
|  | | | | | | Example: MOU/EC TDSP is notifying current CR that customer is being disconnected for non-payment.  NOTE: In order to avoid ongoing liability following a Disconnect for Non-Payment, a CR must submit an 814\_24 Move-Out transaction to terminate service no earlier than five (5) days after receipt of a 650\_04 transaction indicating successful completion of the Disconnect for Non-Payment (DP001) request. | | | |
|  | | | | EM001 |  | Emergency Threatens System | | | | |
|  | | | | | | Service has been suspended to protect the integrity of the electrical network. | | | |
|  | | | | | | Examples: This may include; switching, load shedding, or other emergency construction necessary to maintain long-term network stability, network reliability, or delivery service. The Independent System Operator can issue orders to perform work of this nature. Replacing equipment due to damage or potential failure. | | | |
|  | | | | FA001 |  | Facilities have been removed | | | | |
|  | | | | | | Facilities have been removed from ESI ID | | | |
|  | | | | | | Examples: Customer instructed the TDSP remove the temporary meter from a location once construction has been completed. TDSP found facilities had been physically removed when performing scheduled meter reading. | | | |
|  | | | | GA001 |  | Customer's Failure to Grant Access to Premises | | | | |
|  | | | | | | Service has been suspended due to lack of access to the customer's premise. | | | |
|  | | | | | | Examples: TDSP equipment located on retail customer facilities needs maintenance or repair to improve delivery service reliability of multiple retail customers. TDSP needs to perform delivery system maintenance, such as tree trimming, to improve the delivery service reliability to all retail customers served. | | | |
|  | | | | IN001 |  | Inspection, Test, Repair or Change | | | | |
|  | | | | | | Used to indicate all ordinary Distribution work. Construction work including modifications, maintenance, or additions to the electrical network fall into this category. | | | |
|  | | | | | | Examples: Tree trimming. Changing out equipment such as transformers, poles, underground conductors etc... | | | |
|  | | | | LA001 |  | Authorized by Legal Authorities | | | | |
|  | | | | | | Service has been suspended at the direction provided by an applicable legal authority (County, City, Fire Department, Police, FBI etc...). | | | |
|  | | | | | | Examples: Fire Call, non-compliance with city inspections, or non-compliance with certification requirements of county or city. | | | |
|  | | | | RC001 |  | Reconnect after Disconnect for Non-Pay | | | | |
|  | | | | | | For MOU/EC TDSP use only: Used to indicate that reconnect has been made after disconnect for non-payment was issued. | | | |
|  | | | | | | Example: MOU/EC TDSP is notifying current CR that customer is being reconnected after disconnect for non-payment. | | | |
|  | | | | RC004 |  | Reconnect after Disconnect for Denial of Access | | | | |
|  | | | | | | The TDSP resolved the Denial of Access issue with the customer and has re-energized the premise | | | |
|  | | | | RS001 |  | Restoration of Service to Others | | | | |
|  | | | | | | Service has been suspended while restoring delivery service to other retail customers. | | | |
|  | | | | | | Examples: Interruption of delivery service to other retail customers is necessary to restore service to a specific retail customer. Repair of secondary that is shared by multiple retail customers. | | | |
|  | | | | TM001 |  | Bypassing or Tampering with Company Equipment | | | | |
|  | | | | | | Service has been suspended due to the detection of tampering or bypassing company equipment or metering. | | | |
|  | | | | | | Example: The retail customer bypasses TDSP metering. | | | |
|  | | | | UU001 |  | Unauthorized Use | | | | |
|  | | | | | | Service has been suspended due to unauthorized reconnection of a retail customer. | | | |
|  | | | | | | Example: Retail customer removes the sleeves from their meter after a TDSP initiated disconnect has been performed (Note: The retail customer is still associated with a CR). | | | |
|  | | | | VT001 |  | Violation of Tariff or Other Written Agreement | | | | |
|  | | | | | | Service has been suspended due to the violation of a written agreement. | | | |
|  | | | | | | Examples: Interfering with delivery service of others. Non-standard equipment that is out of compliance with TDSP tariff or other written agreement. | | | |

**Segment: REF Reference Identification (Meter Number)**

**Position:** 030

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

**Syntax Notes:** **1** At least one of REF02 or REF03 is required.

**2** If either C04003 or C04004 is present, then the other is required.

**3** If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Suspension of Delivery Services)  Meter numbers will only contain uppercase letters (A to Z) and digits (0 to 9). Note that punctuation (spaces, dashes, etc.) must be excluded, and leading and trailing zeros that are part of the meter number must be present. |
|  |  | Required only when BGN08 = S2 (Suspended) and a subset of meters are affected for an ESI ID with multiple meters.  Repeat segment for multiple meters.  Required only when BGN08 = 79 (Reactivate) and a subset of meters are affected for an ESI ID with multiple meters.  Not used when BGN08 = C (Cancelled)  Not used when BGN08 = R8 (Terminate) |
|  |  | REF~MG~394820R |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | | | | **M** |  | **ID 2/3** | |
|  | | | Code qualifying the Reference Identification | | | | | | |
|  | | | | MG |  | Meter Number | | | |
| **Must Use** | **REF02** | **127** | **Reference Identification** | | | | **X** |  | **AN 1/30** | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | |
|  | | | Meter Number | | | | | | |

**Segment: REF Reference Identification (ESI ID)**

**Position:** 030

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

**Syntax Notes:** **1** At least one of REF02 or REF03 is required.

**2** If either C04003 or C04004 is present, then the other is required.

**3** If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Suspension of Delivery Services) |
|  |  | Required |
|  |  | REF~Q5~~10111111234567890ABCDEFGHIJKLMNOPQRS |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code qualifying the Reference Identification | | | | | | | |
|  | | | | Q5 |  | Property Control Number | | | | |
|  | | | | | | Electric Service Identifier (ESI ID) | | | |
| **Must Use** | **REF03** | **352** | **Description** | | | | **X** |  | **AN 1/80** | | |
|  | | | A free-form description to clarify the related data elements and their content | | | | | | | |
|  | | | ESI ID | | | | | | | |

**Segment: REF Reference Identification (Special Needs Indicator)**

**Position:** 030

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

**Syntax Notes:** **1** At least one of REF02 or REF03 is required.

**2** If either C04003 or C04004 is present, then the other is required.

**3** If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Suspension of Delivery Services) |
|  |  | Required  A "Y" in this field means that the customer is either:  · A residential customer who qualifies through the Residential Critical Care eligibility Determination Form, as issued by the PUCT.  Or  · A customer for which electric service is considered crucial for the protection and maintenance of public safety pursuant to Subst. Rules §§25.52 and 25.53.  Or  · An industrial customer for whom an interruption or suspension of service will create a dangerous or life threatening condition at the customer's premise. |
|  |  | REF~SU~Y |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code qualifying the Reference Identification | | | | | | | |
|  | | | | SU |  | Special Processing Code | | | | |
|  | | | | | | Special Needs Indicator | | | |
| **Must Use** | **REF02** | **127** | **Reference Identification** | | | | **X** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | Life Support Indicator | | | | | | | |
|  | | | | N |  | Special Needs Not Required | | | | |
|  | | | | Y |  | Special Needs Required | | | | |

**Segment: DTM Date/Time Reference (Estimated Restoration Date/time)**

**Position:** 050

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify pertinent dates and times

**Syntax Notes:** **1** At least one of DTM02 DTM03 or DTM05 is required.

**2** If DTM04 is present, then DTM03 is required.

**3** If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Suspension of Delivery Services) |
|  |  | Required when BGN08 = S2 (Suspended) if TDSP can estimate the restoration time.  Required for MOU/EC ESI ID when reconnected after disconnect for non-payment where BGN08 = 79 (Reactivate) and REF~5H = RC001(Reconnect after Disconnect for Non-Pay)  Not used when BGN08 = C (Cancelled)  Not used when BGN08 = R8 (Terminate) |
|  |  | DTM~139~20010601~1645 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **DTM01** | **374** | **Date/Time Qualifier** | | | | **M** |  | **ID 3/3** | |
|  | | | Code specifying type of date or time, or both date and time | | | | | | |
|  | | | | 139 |  | Estimated | | | |
| **Must Use** | **DTM02** | **373** | **Date** | | | | **X** |  | **DT 8/8** | |
|  | | | Date expressed as CCYYMMDD | | | | | | |
| **Must Use** | **DTM03** | **337** | **Time** | | | | **X** |  | **TM 4/8** | |
|  | | | Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | | | | | | |
|  | | | Time expressed in 24-hour clock time as follows: HHMM  Central Prevailing Time | | | | | | |

**Segment: DTM Date/Time Reference (Service Suspension Date/time)**

**Position:** 050

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify pertinent dates and times

**Syntax Notes:** **1** At least one of DTM02 DTM03 or DTM05 is required.

**2** If DTM04 is present, then DTM03 is required.

**3** If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Suspension of Delivery Services) |
|  |  | Required when BGN08 = S2 (Suspended) if TDSP can estimate the time.  Not Used when BGN08 = 79 (Reactivate)  Not used when BGN08 = C (Cancelled)  Optional when BGN08 = R8 (Terminate). Used by TDSPs to send the date, which may occur in the past, facilities were removed or suspended. If date is entered, date must be less than or equal to the current date. |
|  |  | DTM~215~20010601~1645 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **DTM01** | **374** | **Date/Time Qualifier** | | | | **M** |  | **ID 3/3** | |
|  | | | Code specifying type of date or time, or both date and time | | | | | | |
|  | | | | 215 |  | Interruption Start | | | |
| **Must Use** | **DTM02** | **373** | **Date** | | | | **X** |  | **DT 8/8** | |
|  | | | Date expressed as CCYYMMDD | | | | | | |
| **Must Use** | **DTM03** | **337** | **Time** | | | | **X** |  | **TM 4/8** | |
|  | | | Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | | | | | | |
|  | | | Time expressed in 24-hour clock time as follows: HHMM  Central Prevailing Time | | | | | | |

**Segment: YNQ Yes/No Question (Customer Repair)**

**Position:** 070

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition

**Syntax Notes:** **1** Only one of YNQ01 YNQ09 or YNQ10 may be present.

**2** If either YNQ03 or YNQ04 is present, then the other is required.

**3** If YNQ09 is present, then YNQ08 is required.

**Semantic Notes:** **1** YNQ02 confirms or denies the statement made in YNQ01, YNQ09 or YNQ10. A "Y" indicates the statement is confirmed; an "N" indicates the statement is denied.

**2** YNQ10 contains a free-form question when codified questions are not available.

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Suspension of Delivery Services) |
|  |  | Required when BGN08 = S2 (Suspended)  Not Used when BGN08 = C (Cancelled)  Not used when BGN08 = R8 (Terminate)  Not Used when BGN08 = 79 (Reactivate) |
|  |  | YNQ~7K~Y |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **YNQ01** | **1321** | **Condition Indicator** | | | | **X** |  | **ID 2/2** | | |
|  | | | Code indicating a condition | | | | | | | |
|  | | | Customer Repair | | | | | | | |
|  | | | | 7K |  | Repairs are Recommended | | | | |
| **Must Use** | **YNQ02** | **1073** | **Yes/No Customer Repair** | | | | **M** |  | **ID 1/1** | | |
|  | | | Code indicating a Yes or No condition or response | | | | | | | |
|  | | | Required | | | | | | | |
|  | | | | N |  | No | | | | |
|  | | | | Y |  | Yes | | | | |
|  | | | | | | If "Yes" remarks are required in the MTX segment. | | | |

**Segment: YNQ Yes/No Question (Rescheduled Code)**

**Position:** 070

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition

**Syntax Notes:** **1** Only one of YNQ01 YNQ09 or YNQ10 may be present.

**2** If either YNQ03 or YNQ04 is present, then the other is required.

**3** If YNQ09 is present, then YNQ08 is required.

**Semantic Notes:** **1** YNQ02 confirms or denies the statement made in YNQ01, YNQ09 or YNQ10. A "Y" indicates the statement is confirmed; an "N" indicates the statement is denied.

**2** YNQ10 contains a free-form question when codified questions are not available.

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Suspension of Delivery Services) |
|  |  | Required when BGN08 = C (Cancelled)  Not used when BGN08 = S2 (Suspended)  Not used when BGN08 = R8 (Terminate)  Not Used when BGN08 = 79 (Reactivate) |
|  |  | YNQ~2Z~Y |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **YNQ01** | **1321** | **Condition Indicator** | | | | **X** |  | **ID 2/2** | | |
|  | | | Code indicating a condition | | | | | | | |
|  | | | | 2Z |  | Termination | | | | |
|  | | | | | | Rescheduled | | | |
| **Must Use** | **YNQ02** | **1073** | **Yes/No Condition or Response Code** | | | | **M** |  | **ID 1/1** | | |
|  | | | Code indicating a Yes or No condition or response | | | | | | | |
|  | | | | N |  | No | | | | |
|  | | | | Y |  | Yes | | | | |
|  | | | | | | If "Yes" remarks are required in the MTX segment. | | | |

**Segment: YNQ Yes/No Question (Intermittent Interruption of Service)**

**Position:** 070

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition

**Syntax Notes:** **1** Only one of YNQ01 YNQ09 or YNQ10 may be present.

**2** If either YNQ03 or YNQ04 is present, then the other is required.

**3** If YNQ09 is present, then YNQ08 is required.

**Semantic Notes:** **1** YNQ02 confirms or denies the statement made in YNQ01, YNQ09 or YNQ10. A "Y" indicates the statement is confirmed; an "N" indicates the statement is denied.

**2** YNQ10 contains a free-form question when codified questions are not available.

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Suspension of Delivery Services) |
|  |  | Required when BGN08 = S2 (Suspended)  Not used when BGN08 = C (Cancelled)  Not used when BGN08 = R8 (Terminate)  Not Used when BGN08 = 79 (Reactivate) |
|  |  | YNQ~5U~Y~UN~120  YNQ~5U~N |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **YNQ01** | **1321** | **Condition Indicator** | | | | **X** |  | **ID 2/2** | | |
|  | | | Code indicating a condition | | | | | | | |
|  | | | | 5U |  | Special Dating | | | | |
|  | | | | | | Intermittent Duration Period ( minutes 1 to 3 digits) | | | |
| **Must Use** | **YNQ02** | **1073** | **Yes/No Condition or Response Code** | | | | **M** |  | **ID 1/1** | | |
|  | | | Code indicating a Yes or No condition or response | | | | | | | |
|  | | | If "Yes" YNQ03 & YNQ04 are required. | | | | | | | |
|  | | | | N |  | No | | | | |
|  | | | | Y |  | Yes | | | | |
|  | **YNQ03** | **1250** | **Date Time Period Format Qualifier** | | | | **X** |  | **ID 2/3** | | |
|  | | | Code indicating the date format, time format, or date and time format | | | | | | | |
|  | | | Required when YNQ02 = YES | | | | | | | |
|  | | | | UN |  | Unstructured | | | | |
|  | **YNQ04** | **1251** | **Date Time Period** | | | | **X** |  | **AN 1/35** | | |
|  | | | Expression of a date, a time, or range of dates, times or dates and times | | | | | | | |
|  | | | Time is required to be in Minutes format from 1 to 3 digits (MMM)  Required when YNQ02 = YES | | | | | | | |

**Segment: YNQ Yes/No Question (Outage Area)**

**Position:** 070

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition

**Syntax Notes:** **1** Only one of YNQ01 YNQ09 or YNQ10 may be present.

**2** If either YNQ03 or YNQ04 is present, then the other is required.

**3** If YNQ09 is present, then YNQ08 is required.

**Semantic Notes:** **1** YNQ02 confirms or denies the statement made in YNQ01, YNQ09 or YNQ10. A "Y" indicates the statement is confirmed; an "N" indicates the statement is denied.

**2** YNQ10 contains a free-form question when codified questions are not available.

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Suspension of Delivery Services) |
|  |  | Required when BGN08 = S2 (Suspended)  Not Used when BGN08 = C (Cancelled)  Not used when BGN08 = R8 (Terminate)  Not Used when BGN08 = 79 (Reactivate) |
|  |  | YNQ~OT~Y |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **YNQ01** | **1321** | **Condition Indicator** | | | | **X** |  | **ID 2/2** | | |
|  | | | Code indicating a condition | | | | | | | |
|  | | | | OT |  | Oriented | | | | |
|  | | | | | | Area Outage | | | |
| **Must Use** | **YNQ02** | **1073** | **Yes/No Condition or Response Code** | | | | **M** |  | **ID 1/1** | | |
|  | | | Code indicating a Yes or No condition or response | | | | | | | |
|  | | | | N |  | No | | | | |
|  | | | | Y |  | Yes | | | | |

**Segment: MTX Text (Comments)**

**Position:** 250

**Loop:** MTX Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify textual data

**Syntax Notes:** **1** If MTX01 is present, then MTX02 is required.

**2** If MTX03 is present, then MTX02 is required.

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Suspension of Delivery Service) |
|  |  | Required when BGN08 = S2 (Suspended) and YNQ~7K (Customer Repair) YNQ02 = Y  Required when BGN08 = C (Cancelled) and YNQ~2Z (Reschedule Code) YNQ02 = Y |
|  |  | MTX~DEP~METER BASE SHORTED  MTX~RPT~CANCELLED AT CUSTOMER REQUEST  MTX~TRE~CUSTOMER REMOVED METER-RETURNED TO TDSP METER SHOP |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **MTX01** | **363** | **Note Reference Code** | | | | **O** |  | **ID 3/3** | | |
|  | | | Code identifying the functional area or purpose for which the note applies | | | | | | | |
|  | | | | DEP |  | Problem Description | | | | |
|  | | | | | | Remarks for Customer Repair | | | |
|  | | | | RPT |  | Report Remarks | | | | |
|  | | | | | | Remarks for Cancellation | | | |
|  | | | | TRE |  | Reportable Event Description | | | | |
|  | | | | | | Used when providing additional information as to why the TDSP is permanently suspending service at ESI ID | | | |
| **Must Use** | **MTX02** | **1551** | **Message Text** | | | | **X** |  | **AN 1/4096** | | |
|  | | | To transmit large volumes of message text | | | | | | | |
|  | | | Message Text not to exceed 80 characters total. | | | | | | | |

**Segment: SE Transaction Set Trailer**

**Position:** 290

**Loop:**

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Syntax Notes:**

**Semantic Notes:**

**Comments:** **1** SE is the last segment of each transaction set.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | SE~13~000000001 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **SE01** | **96** | **Number of Included Segments** | **M** |  | **N0 1/10** | |
|  | | | Total number of segments included in a transaction set including ST and SE segments | | | |
| **Must Use** | **SE02** | **329** | **Transaction Set Control Number** | **M** |  | **AN 4/9** | |
|  | | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | |