# ACCESSRAMP™

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**PIPENET Conventions for EDI**

**861 Gauge Ticket**

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## 861 Receiving Advice/Acceptance Certificate

FUNCTIONAL GROUP ID = RC

This standard provides the format and establishes the data contents of a receiving advice or acceptance certificate transaction set. The receiving advice or acceptance certificate transaction set provides for customary and established business and industry practice relative to the notification of receipt or formal acceptance of goods and services.

**There is one header area per Gauge Ticket transaction set. The detail area of the Gauge Ticket transaction set consists of sequentially numbered Line Items. Each Line Item transmits one Gauge Ticket. Each transaction set may send 200,000 tickets.**

### Header

| Page No. | Pos. No. | Seg. ID | Name | Req. Des. | Max. Use | Loop Repeat |
|---|---|---|---|---|---|---|
| 3 | 010 | ST | Transaction Set Header | M | 1 | |
| 4 | 020 | BRA | Beginning Segment for Receiving Advice or Acceptance Certificate | M | 1 | |
| Not Used | 030 | NTE | Note/Special Instruction | F | 100 | |
| Not Used | 040 | CUR | Currency | O | 1 | |
| Not Used | 050 | REF | Reference Numbers | O | 12 | |
| Not Used | 060 | PER | Administrative Communications Contact | O | 3 | |
| 5 | 070 | DTM | Date/Time Reference | M | 10 | |
| Not Used | 080 | PRF | Purchase Order Reference | O | 25 | |
| Not Used | 090 | TD1 | Carrier Details (Quantity and Weight) | O | 2 | |
| Not Used | 100 | TD5 | Carrier Details (Routing Sequence/Transit Time) | O | 12 | |
| Not Used | 110 | TD3 | Carrier Details (Equipment) | O | 12 | |
| Not Used | 120 | TD4 | Carrier Details (Special Handling or Hazardous Materials or Both) | O | 5 | |
| Not Used | 125 | MEA | Measurements | O | 40 | |
| 6 | 130 | N1 | Name | O | 1 | 200 |
| 8 | 140 | N2 | Additional Name Information | O | 2 | |
| 9 | 150 | N3 | Address Information | O | 2 | |
| 10 | 160 | N4 | Geographic Location | O | 1 | |
| Not Used | 170 | REF | Reference Numbers | O | 100 | |
| Not Used | 180 | PER | Administrative Communications Contact | O | 3 | |
| Not Used | 190 | FOB | F.O.B. Related Instructions | O | 1 | |

### Detail

| Page No. | Pos. No. | Seg. ID | Name | Req. Des. | Max. Use | Loop Repeat |
|---|---|---|---|---|---|---|
| 11 | 010 | RCD | Receiving Conditions | O | 1 | 200000 |
| Not Used | 020 | SN1 | Item Detail (Shipment) | O | 1 | |
| Not Used | 030 | CUR | Currency | O | 1 | |

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| 14 | 040 LIN | Item Identification | O | 100 | |
|---|---|---|---|---|---|
| 18 | 050 PID | Product/Item Description | O | 1000 | |
| Not Used | 060 PO4 | Item Physical Details | O | 100 | |
| 20 | 070 REF | Reference Numbers | O | 12 | |
| Not Used | 080 PER | Administrative Communications Contact | O | 3 | |
| 21 | 090 DTM | Date/Time Reference | O | 10 | |
| Not Used | 100 PRF | Purchase Order Reference | O | 25 | |
| 22 | 110 MEA | Measurements | O | 40 | |
| Not Used | 120 FOB | F.O.B. Related Instructions | O | 1 | |
| Not Used | 130 TD1 | Carrier Details (Quantity and Weight) | O | 20 | |
| Not Used | 140 TD5 | Carrier Details (Routing Sequence/Transit Time) | O | 12 | |
| Not Used | 150 TD3 | Carrier Details (Equipment) | O | 12 | |
| Not Used | 160 TD4 | Carrier Details (Special Handling or Hazardous Materials or Both) | O | 5 | |
| Not Used | 170 ITA | Allowance, Charge or Service | O | 10 | |
| Not Used | 180 MAN | Marks and Numbers | O | 10 | |
| 26 | 190 SLN | Subline Item Detail | O | 1 | 100 |
| Not Used | 200 PID | Product/Item Description | O | 1000 | |
| 30 | 210 N1 | Name | O | 1 | 200 |
| Not Used | 220 N2 | Additional Name Information | O | 2 | |
| Not Used | 230 N3 | Address Information | O | 2 | |
| Not Used | 240 N4 | Geographic Location | O | 1 | |
| 32 | 250 REF | Reference Numbers | O | 100 | |
| 33 | 260 PER | Administrative Communications Contact | O | 3 | |
| Not Used | 270 FOB | F.O.B. Related Instructions | O | 1 | |

## Summary

| 34 | 010 CTT | Transaction Totals | O | 1 |
|---|---|---|---|---|
| 36 | 020 SE | Transaction Set Trailer | M | 1 |

**Segment:** **ST** Transaction Set Header

**Level:** Header

**Loop:** _____ **Usage:**

Mandatory

**Max Use:** 1

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

**Comments:** **A** The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

### Data Element Summary

| REF. DES. | DATA ELEMENT | NAME | ATTRIBUTES |
|---|---|---|---|
| ST01 | 143 | **Transaction Set Identifier Code** | M ID 3/3 |
| | | Code uniquely identifying a Transaction Set. | |
| | | **861 X12.12 Receiving Advice** | |
| ST02 | 329 | **Transaction Set Control Number** | M AN 4/9 |
| | | Identifying control number assigned by the originator for a transaction set. | |
| | | **Control number assigned by the sender. It is sequentially assigned within each functional group. Sequential numbering aids in error recovery and research. ST02 must be the same as SE02.** | |

**Segment:** **BRA** Beginning Segment for Receiving Advice or Acceptance Certificate

**Level:** Header

**Loop:** ____

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the beginning of a receiving advice or acceptance certificate transaction set and to transmit an identifying number, date and time

**Comments:** **A** BRA02 is the date that the receiving advice transaction set is created.

**B** BRA05 is the time that the receiving advice transaction set is created.

### Data Element Summary

| REF. DES. | DATA ELEMENT | NAME | | ATTRIBUTES | |
|---|---|---|---|---|---|
| BRA01 | 127 | Reference Number | M | AN | 1/30 |
| | | Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. | | | |
| | | **G Gauge Ticket** | | | |
| BRA02 | 373 | Date | M | DT | 6/6 |
| | | Date (YYMMDD). | | | |
| BRA03 | 353 | Transaction Set Purpose Code | M | ID | 2/2 |
| | | Code identifying purpose of transaction set. | | | |
| | | **00 Original** | | | |
| | | **04 Change** | | | |
| | | **07 Duplicate** | | | |
| | | **22 Information Copy** | | | |
| BRA04 | 962 | Receiving Advice or Acceptance Certificate Type Code | M | ID | 1/1 |
| | | Code specifying type of receiving advice | | | |
| | | **2 Post Receipt Advice** | | | |
| BRA05 | 337 | Time | O | TM | 4/6 |
| | | Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959) | | | |
| | | **Not Used by PIPENET** | | | |
| BRA06 | 412 | Receiving Condition Code | O | ID | 2/2 |
| | | Code designating physical condition or status of units received in a specific shipment. | | | |
| | | **Not Used by PIPENET** | | | |

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**Segment:** **DTM** Date/Time Reference

**Level:** Header

**Loop:** ____ **Usage:**

Mandatory

**Max Use:** 10

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

**Syntax:** 1 R0203
At least one of DTM02 or DTM03 is required.

**Notes:** **This date is identical to BRA02. This segment is mandatory in the ASC X12 861 transaction set and for PIPENET all three data elements of the segment must be sent.**

### Data Element Summary

| REF. DES. | DATA ELEMENT | NAME | | ATTRIBUTES | |
|---|---|---|---|---|---|
| DTM01 | 374 | Date/Time Qualifier | M | ID | 3/3 |
| | | Code specifying type of date or time, or both date and time. | | | |
| | | **009 Process** | | | |
| DTM02 | 373 | Date | C | DT | 6/6 |
| | | Date (YYMMDD). | | | |
| | | **Required by PIPENET** | | | |
| DTM03 | 337 | Time | C | TM | 4/6 |
| | | Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959) | | | |
| | | **Required by PIPENET** | | | |
| DTM04 | 623 | Time Code | O | ID | 2/2 |
| | | Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow. | | | |
| | | **Not Used by PIPENET** | | | |
| DTM05 | 624 | Century | O | N0 | 2/2 |
| | | The first two characters in the designation of the year (CCYY). | | | |
| | | **Not Used by PIPENET** | | | |

**Segment:** **N1**  Name

**Level:** Header

**Loop:** N1  **Repeat:** 200

**Usage:** Optional

**Max Use:** 1

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

**Syntax:** **1 R0203**
  At least one of N102 or N103 is required.

  **2 P0304**
  If either N103 or N104 is present, then the other is required.

**Comments:** **A** 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.

**Notes:** Required by PIPENET

PIPENET allows three iterations of the N1 loop. They are Carrier Name (mandatory for PIPENET), Ticket Transaction Set Destination (mandatory for PIPENET) and Account of (optional for PIPENET).

The preferred method for sending the name is to use the N103 and N104 data elements. If the name is sent in N103 and N104 then do not send N102. However, if the name is sent as alpha-numeric in N102 then do not send N103 and N104.

### Data Element Summary

| REF. DES. | DATA ELEMENT | NAME | | ATTRIBUTES | |
|---|---|---|---|---|---|
| N101 | 98 | **Entity Identifier Code** | M | ID | 2/2 |
| | | Code identifying an organizational entity or a physical location. | | | |
| | | AO  Account Of | | | |
| | | CA  Carrier | | | |
| | | CN  Consignee | | | |
| | | OP  Operator of property or unit | | | |
| | | SH  Shipper | | | |
| | | SU  Supplier/Manufacturer | | | |
| | | TF  Tank Farm | | | |
| | | UC  Ultimate Consignee | | | |
| | | WF  Tank Farm Owner | | | |
| N102 | 93 | **Name** | C | AN | 1/35 |
| | | Free-form name. | | | |
| N103 | 66 | **Identification Code Qualifier** | C | ID | 1/2 |
| | | Code designating the system/method of code structure used for Identification Code (67). | | | |
| | | 1  Dun and Bradstreet (Credit Reporting) (DUNS) | | | |
| | | 22  Council of Petroleum Accounting Societies code (COPAS). | | | |
| | | 9  DUNS with 4-character suffix | | | |
| N104 | 67 | **Identification Code** | C | AN | 2/17 |
| | | Code identifying a party. | | | |

**Segment:** **N2**   Additional Name Information
**Level:** Header
**Loop:** N1
**Usage:** Optional
**Max Use:** 2
**Purpose:** To specify additional names or those longer than 35 characters in length
**Notes:** **Do not send this segment if the name is sent in N103 and N104.**

### Data Element Summary

| REF. DES. | DATA ELEMENT | NAME | ATTRIBUTES |
|---|---|---|---|
| N201 | 93 | **Name** <br> Free-form name. | M  AN  1/35 |
| N202 | 93 | **Name** <br> Free-form name. | O  AN  1/35 |

**Segment:** **N3**   Address Information
**Level:** Header
**Loop:** N1
**Usage:** Optional
**Max Use:** 2
**Purpose:** To specify the location of the named party
**Notes:** **Do not send this segment if the name is sent in N103 and N104.**

### Data Element Summary

| REF. DES. | DATA ELEMENT | NAME | ATTRIBUTES |
|---|---|---|---|
| N301 | 166 | **Address  Information** <br> Address information | M  AN  1/35 |
| N302 | 166 | **Address  Information** <br> Address information | O  AN  1/35 |

**Segment:** **N4**  Geographic Location

**Level:** Header

**Loop:** N1

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify the geographic place of the named party

**Syntax:** **1 R0105**
At least one of N401 or N405 is required.

**2 P0506**
If either N405 or N406 is present, then the other is required.

**Comments:** **A** A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.

**B** N402 is required only if city name (N401) is in the USA or Canada.

**Notes:** **Do not send this segment if the name is sent in N103 and N104.**

### Data Element Summary

| REF. DES. | DATA ELEMENT | NAME | | ATTRIBUTES | |
|-----------|--------------|------|---|------------|---|
| N401 | 19 | City Name | C | AN | 2/19 |
| | | Free-form text for city name. | | | |
| N402 | 156 | State or Province Code | O | ID | 2/2 |
| | | Code (Standard State/Province) as defined by appropriate government agency. | | | |
| N403 | 116 | Postal Code | O | ID | 4/9 |
| | | Code defining international postal zone code excluding punctuation and blanks (zip code for United States). | | | |
| N404 | 26 | Country Code | O | ID | 2/2 |
| | | Code identifying the country. | | | |
| | | **Not Used by PIPENET** | | | |
| N405 | 309 | Location Qualifier | C | ID | 1/2 |
| | | Code identifying type of location. | | | |
| | | **Not Used by PIPENET** | | | |
| N406 | 310 | Location Identifier | C | AN | 1/25 |
| | | Code which identifies a specific location. | | | |
| | | **Not Used by PIPENET** | | | |

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**Segment:** **RCD**  Receiving Conditions

**Level:** Detail

**Loop:** RCD  **Repeat:** 200000

**Usage:** Optional

**Max Use:** 1

**Purpose:** To report receiving conditions and specify contested quantities

**Syntax:** **1 R020406**
At least one of RCD02, RCD04 or RCD06 is required.

**2 C0203**
If RCD02 is present, then RCD03 is required.

**3 C0405**
If RCD04 is present, then RCD05 is required.

**4 C060708**
If RCD06 is present, then RCD07 and RCD08 are required.

**5 C091011**
If RCD09 is present, then RCD10 and RCD11 are required.

**6 C121314**
If RCD12 is present, then RCD13 and RCD14 are required.

**7 C151617**
If RCD15 is present, then RCD16 and RCD17 are required.

**8 C181920**
If RCD18 is present, then RCD19 and RCD20 are required.

**Comments:** **A** See the Data Dictionary for a complete list of receiving condition ID's.

**B** RCD01 is the receiving advice line item identification.

**C** RCD06 through RCD20 provide for five (5) different quantities whose condition upon receipt is under question.

**D** RCD21 is the cumulative quantity of goods received for a specific time period.

**Notes:** **The RCD segment is used by PIPENET to define the start of a gauge ticket. For PIPENET if RCD02 is sent, then RCD03 must be sent.**

### Data Element Summary

| REF. DES. | DATA ELEMENT | NAME | | ATTRIBUTES | |
|-----------|--------------|------|---|------------|---|
| RCD01 | 350 | Assigned Identification | O | AN | 1/11 |
| | | Alphanumeric characters assigned for differentiation within a transaction set. | | | |
| | | **For PIPENET the tank number assigned by the carrier.** | | | |
| RCD02 | 663 | Quantity Units Received or Accepted | C | R | 1/9 |
| | | Number of Units Received or Accepted | | | |
| | | **For PIPENET this is the ticket Net Volume.** | | | |

| | | | | | |
|---|---|---|---|---|---|
| RCD03 | 355 | Unit of Measurement Code | C | ID | 2/2 |

Code identifying the basic unit of measurement.

**CO  Cubic Meters (Net)**

**ND  Net Barrels**

**NG  Net Gallons**

**PN  Pounds Net**

| | | | | | |
|---|---|---|---|---|---|
| RCD04 | 664 | Quantity Units Returned | C | R | 1/9 |

Number of units returned.

**Not Used by PIPENET**

| | | | | | |
|---|---|---|---|---|---|
| RCD05 | 355 | Unit of Measurement Code | C | ID | 2/2 |

Code identifying the basic unit of measurement.

**Not Used by PIPENET**

| | | | | | |
|---|---|---|---|---|---|
| RCD06 | 667 | Quantity in Question | C | R | 1/9 |

Number of units contested because of physical condition or status of units.

**Not Used by PIPENET**

| | | | | | |
|---|---|---|---|---|---|
| RCD07 | 355 | Unit of Measurement Code | C | ID | 2/2 |

Code identifying the basic unit of measurement.

**Not Used by PIPENET**

| | | | | | |
|---|---|---|---|---|---|
| RCD08 | 412 | Receiving Condition Code | C | ID | 2/2 |

Code designating physical condition or status of units received in a specific shipment.

**Not Used by PIPENET**

| | | | | | |
|---|---|---|---|---|---|
| RCD09 | 667 | Quantity in Question | O | R | 1/9 |

Number of units contested because of physical condition or status of units.

**Not Used by PIPENET**

| | | | | | |
|---|---|---|---|---|---|
| RCD10 | 355 | Unit of Measurement Code | C | ID | 2/2 |

Code identifying the basic unit of measurement.

**Not Used by PIPENET**

| | | | | | |
|---|---|---|---|---|---|
| RCD11 | 412 | Receiving Condition Code | C | ID | 2/2 |

Code designating physical condition or status of units received in a specific shipment.

**Not Used by PIPENET**

| | | | | | |
|---|---|---|---|---|---|
| RCD12 | 667 | Quantity in Question | O | R | 1/9 |

Number of units contested because of physical condition or status of units.

**Not Used by PIPENET**

| | | | | | |
|---|---|---|---|---|---|
| RCD13 | 355 | Unit of Measurement Code | C | ID | 2/2 |

Code identifying the basic unit of measurement.

**Not Used by PIPENET**

| | | | | | |
|---|---|---|---|---|---|
| RCD14 | 412 | Receiving Condition Code | C | ID | 2/2 |

Code designating physical condition or status of units received in a specific shipment.

**Not Used by PIPENET**

| | | | | | |
|---|---|---|---|---|---|
| RCD15 | 667 | Quantity in Question | O | R | 1/9 |

Number of units contested because of physical condition or status of units.

**Not Used by PIPENET**

| | | | | | |
|---|---|---|---|---|---|
| RCD16 | 355 | Unit of Measurement Code | C | ID | 2/2 |

Code identifying the basic unit of measurement.

**Not Used by PIPENET**

| | | | | | |
|---|---|---|---|---|---|
| RCD17 | 412 | Receiving Condition Code | C | ID | 2/2 |

Code designating physical condition or status of units received in a specific shipment.

**Not Used by PIPENET**

| | | | | | |
|---|---|---|---|---|---|
| RCD18 | 667 | Quantity in Question | O | R | 1/9 |

Number of units contested because of physical condition or status of units.

**Not Used by PIPENET**

| | | | | | |
|---|---|---|---|---|---|
| RCD19 | 355 | Unit of Measurement Code | C | ID | 2/2 |

Code identifying the basic unit of measurement.

**Not Used by PIPENET**

| | | | | | |
|---|---|---|---|---|---|
| RCD20 | 412 | Receiving Condition Code | C | ID | 2/2 |

Code designating physical condition or status of units received in a specific shipment.

**Not Used by PIPENET**

| | | | | | |
|---|---|---|---|---|---|
| RCD21 | 380 | Quantity | O | R | 1/15 |

Numeric value of quantity.

**Not Used by PIPENET**

**Segment:**   **LIN**   Item Identification

**Level:** Detail

**Loop:** RCD

**Usage:** Optional

**Max Use:** 100

**Purpose:** To specify basic item identification data.

**Syntax:**   **1 C0405**
If LIN04 is present, then LIN05 is required.

**2 C0607**
If LIN06 is present, then LIN07 is required.

**3 C0809**
If LIN08 is present, then LIN09 is required.

**4 C1011**
If LIN10 is present, then LIN11 is required.

**5 C1213**
If LIN12 is present, then LIN13 is required.

**6 C1415**
If LIN14 is present, then LIN15 is required.

**7 C1617**
If LIN16 is present, then LIN17 is required.

**8 C1819**
If LIN18 is present, then LIN19 is required.

**9 C2021**
If LIN20 is present, then LIN21 is required.

**10 C2223**
If LIN22 is present, then LIN23 is required.

**11 C2425**
If LIN24 is present, then LIN25 is required.

**12 C2627**
If LIN26 is present, then LIN27 is required.

**13 C2829**
If LIN28 is present, then LIN29 is required.

**14 C3031**
If LIN30 is present, then LIN31 is required.

**Comments:**   **A** See the Data Dictionary for a complete list of ID's.

**B** LIN01 is the line item identification

**C** LIN02 through LIN31 provide for fifteen (15) different product/service ID's for each item. For Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

**Notes:**   Required by PIPENET

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**For PIPENET the following rules supersede the ASC X12 Attributes for the data elements of the LIN segment:**

**LIN06 and LIN07 may only be used to send the Primary Movement Identifier.**

**LIN08 and LIN09 may only be used to send the Transaction Code.**

**LIN10 and LIN11 may only be used to send the Ticket Type.**

**Data Element Summary**

| REF. DES. | DATA ELEMENT | NAME | ATTRIBUTES |
|---|---|---|---|
| LIN01 | 350 | **Assigned Identification** | O AN 1/11 |
| | | Alphanumeric characters assigned for differentiation within a transaction set. | |
| LIN02 | 235 | **Product/Service ID Qualifier** | M ID 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234). | |
| | | **PQ  Product ID Attribute Code** | |
| | | **Required by PIPENET** | |
| LIN03 | 234 | **Product/Service ID** | M AN 1/30 |
| | | Identifying number for a product or service. | |
| | | **C  Crude Oil** | |
| | | **P  Product** | |
| | | **N  Natural Gas Liquids** | |
| LIN04 | 235 | **Product/Service ID Qualifier** | O ID 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234). | |
| | | **TP  Product Type Code** | |
| | | **Required by PIPENET** | |
| LIN05 | 234 | **Product/Service ID** | C AN 1/30 |
| | | Identifying number for a product or service. | |
| | | **See Appendix A for PIDX Product Code List.** | |
| LIN06 | 235 | **Product/Service ID Qualifier** | O ID 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234). | |
| | | **GC  Grade Code** | |
| LIN07 | 234 | **Product/Service ID** | C AN 1/30 |
| | | Identifying number for a product or service. | |
| LIN08 | 235 | **Product/Service ID Qualifier** | O ID 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234). | |
| | | **TA  Pipeline Transaction Code** | |
| LIN09 | 234 | **Product/Service ID** | C AN 1/30 |
| | | Identifying number for a product or service. | |

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**10  Receipt - Custody  (into tanks)**
**11  Receipt - Custody  (into line)**
**12  Receipt - Gathering  Location**
**17  Receipt Transfer  Record**
**21  Delivery - Custody  (from line)**
**22  Delivery - Custody  (from tanks)**
**24  Transmix  Delivery  (out of tanks)**
**31  Water Adjustment  Record**
**32  Inventory - Adjustment**
**33  Void Ticket**

**LIN10    235    Product/Service ID Qualifier                     O    ID    2/2**
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).

**MO  Movement  Type Code**

**For PIPENET, the MO Qualifier is used to declare the Ticket
Type Qualifier Code.**

**LIN11    234    Product/Service ID                               C    AN    1/30**
Identifying number for a product or service.

**BU  Bulk LE**
**Lease PL**
**Pipeline**
**TR  Terminal  Representative**
**PF  Pipeline  Facility**
**CR  Credit**
**SK  Skid Ticket**
**UT  Underground Tanks**
**TR  Truck Rack**

**LIN12    235    Product/Service ID Qualifier                     O    ID    2/2**
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).

**Not Used by PIPENET**

**LIN13    234    Product/Service ID                               C    AN    1/30**
Identifying number for a product or service.

**Not Used by PIPENET**

**LIN14    235    Product/Service ID Qualifier                     O    ID    2/2**
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).

**Not Used by PIPENET**

**LIN15    234    Product/Service ID                               C    AN    1/30**
Identifying number for a product or service.

**Not Used by PIPENET**

**LIN16    235    Product/Service ID Qualifier                     O    ID    2/2**
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).

**Not Used by PIPENET**

**LIN17    234    Product/Service ID                               C    AN    1/30**
Identifying number for a product or service.

**Not Used by PIPENET**

**LIN18    235    Product/Service ID Qualifier                     O    ID    2/2**
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).

**Not Used by PIPENET**

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**LIN19    234    Product/Service ID                               C    AN    1/30**
Identifying number for a product or service.

**Not Used by PIPENET**

**LIN20    235    Product/Service ID Qualifier                     O    ID    2/2**
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).

**Not Used by PIPENET**

**LIN21    234    Product/Service ID                               C    AN    1/30**
Identifying number for a product or service.

**Not Used by PIPENET**

**LIN22    235    Product/Service ID Qualifier                     O    ID    2/2**
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).

**Not Used by PIPENET**

**LIN23    234    Product/Service ID                               C    AN    1/30**
Identifying number for a product or service.

**Not Used by PIPENET**

**LIN24    235    Product/Service ID Qualifier                     O    ID    2/2**
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).

**Not Used by PIPENET**

**LIN25    234    Product/Service ID                               C    AN    1/30**
Identifying number for a product or service.

**Not Used by PIPENET**

**LIN26    235    Product/Service ID Qualifier                     O    ID    2/2**
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).

**Not Used by PIPENET**

**LIN27    234    Product/Service ID                               C    AN    1/30**
Identifying number for a product or service.

**Not Used by PIPENET**

**LIN28    235    Product/Service ID Qualifier                     O    ID    2/2**
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).

**Not Used by PIPENET**

**LIN29    234    Product/Service ID                               C    AN    1/30**
Identifying number for a product or service.

**Not Used by PIPENET**

**LIN30    235    Product/Service ID Qualifier                     O    ID    2/2**
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).

**Not Used by PIPENET**

**LIN31    234    Product/Service ID                               C    AN    1/30**
Identifying number for a product or service.

**Not Used by PIPENET**

**Segment:** **PID**   Product/Item Description

**Level:** Detail

**Loop:** RCD

**Usage:** Optional

**Max Use:** 1000

**Purpose:** To describe a product or process in coded or free-form format

**Syntax:**   **1 C0403**
If PID04 is present, then PID03 is required.

**2 R0405**
At least one of PID04 or PID05 is required.

**Comments:**   **A** If PID01 = ''F'', then PID05 is used. If PID01 = ''S'', then PID04 is used. If PID01 = ''X'', then both PID04 and PID05 are used.

**B** Use PID03 to indicate the organization that publishes the code list being referred to.

**C** PID04 should be used for industry-specific product description codes.

**D** Use PID06 when necessary to refer to the product surface or layer being described in the segment.

**Notes:** **PIPENET allows three iterations of the PID segment. They are Product/Item Description - Millipore, Product/Item Description - Color and Previous Movement Identifier.**

**The use of the PID segment allows quality control data items to be sent using alpha-numeric descriptions.**

### Data Element Summary

| REF. DES. | DATA ELEMENT | NAME | ATTRIBUTES |
|---|---|---|---|
| PID01 | 349 | **Item Description Type** | M ID 1/1 |
| | | Code indicating the format of a description. | |
| | | **F Free-form** | |
| PID02 | 750 | **Product/Process Characteristic Code** | O ID 2/3 |
| | | Code specifying the product or process characteristic being described. | |
| | | **35 Color** | |
| | | **40 Shade** | |
| | | **Used to declare the Millpore Qualifier Code.** | |
| | | **SYN Synonym** | |
| | | **Used to declare the Previous Movement Identifier defined by a connecting carrier or other associated party.** | |
| PID03 | 559 | **Agency Qualifier Code** | C ID 2/2 |
| | | Code identifying the agency assigning the code values. | |
| | | **Not Used by PIPENET** | |
| PID04 | 751 | **Product Description Code** | C AN 1/12 |
| | | A code from an industry code list which provides specific data about a product characteristic. | |
| | | **Not Used by PIPENET** | |
| PID05 | 352 | **Description** | C AN 1/80 |
| | | A free-form description to clarify the related data elements and their content. | |
| PID06 | 752 | **Surface/Layer/Position Code** | O ID 2/2 |
| | | Code indicating the product surface, layer or position that is being described. | |
| | | **Not Used by PIPENET** | |

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SEPTEMBER 1993                                                                 **20**

PIPENET Conventions for EDI 861 Gauge Ticket           Page 10 of 22          PIPENET Conventions for EDI 861 Gauge Ticket
Document ID: 01-286-25-50-1994                                                  Version 003, Release 020.1994 (and later)

**Segment:** **REF**   Reference Numbers

**Level:** Detail

**Loop:** RCD

**Usage:** Optional

**Max Use:** 12

**Purpose:** To specify identifying numbers.

**Syntax:**  **1  R0203**
At least one of REF02 or REF03 is required.

**Notes:** **PIPENET allows five iterations of the REF segment. They are Tarriff Number, Bill of Lading Number, Customer Reference Number, Seal Off Number and Seal On Number.**

### Data Element Summary

| REF. DES. | DATA ELEMENT | NAME | ATTRIBUTES |
|---|---|---|---|
| REF01 | 128 | **Reference Number Qualifier** | M  ID  2/2 |
| | | Code qualifying the Reference Number. | |
| | | **BM  Bill of Lading Number** | |
| | | **CR  Customer Reference Number** | |
| | | **S8  Seal Off Number** | |
| | | **S9  Seal On Number** | |
| | | **TS  Tariff Number** | |
| REF02 | 127 | **Reference Number** | C  AN  1/30 |
| | | Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. | |
| REF03 | 352 | **Description** | C  AN  1/80 |
| | | A free-form description to clarify the related data elements and their content. | |
| | | **If the Reference can be described by a numeric value then send this number is REF02. Otherwise, send the Reference as alpha-numeric text in REF03.** | |

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**Segment:** **DTM**   Date/Time Reference

**Level:** Detail

**Loop:** RCD

**Usage:** Optional

**Max Use:** 10

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

**Syntax:**  **1  R0203**
At least one of DTM02 or DTM03 is required.

**Notes:** **Required by PIPENET**

**PIPENET allows three iterations of the DTM segment. They are Ticket Date, Ticket Start Date/Time and Ticket Stop Date/Time.**

### Data Element Summary

| REF. DES. | DATA ELEMENT | NAME | ATTRIBUTES |
|---|---|---|---|
| DTM01 | 374 | **Date/Time Qualifier** | M  ID  3/3 |
| | | Code specifying type of date or time, or both date and time. | |
| | | **035  Delivered** | |
| | | **Used to declare the Ticket Date DTM segment.** | |
| | | **090  Report Start** | |
| | | **091  Report End** | |
| DTM02 | 373 | **Date** | C  DT  6/6 |
| | | Date (YYMMDD). | |
| | | **Required by PIPENET** | |
| DTM03 | 337 | **Time** | C  TM  4/6 |
| | | Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959) | |
| | | **Required for PIPENET for Ticket Start Date/Time DTM segment and Ticket Stop Date/Time DTM segment. Optional for Ticket Date DTM segment.** | |
| DTM04 | 623 | **Time Code** | O  ID  2/2 |
| | | Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow. | |
| | | **Not Used by PIPENET** | |
| DTM05 | 624 | **Century** | O  N0  2/2 |
| | | The first two characters in the designation of the year (CCYY). | |

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A PIPENET CONVENTION FOR
ELECTRONIC DATA INTERCHANGE

VERSION 003  RELEASE 020  861
RECEIVING ADVICE/ACCEPTANCE CERTIFICATE

A PIPENET CONVENTION FOR
ELECTRONIC DATA INTERCHANGE

VERSION 003  RELEASE 020  861
RECEIVING ADVICE/ACCEPTANCE CERTIFICATE

**Segment:** **MEA** Measurements

**Level:** Detail

**Loop:** RCD

**Usage:** Optional

**Max Use:** 40

**Purpose:** To specify physical measurements, including dimensions, tolerances, weights and counts.

**Syntax:** **1 R03050608**
At least one of MEA03, MEA05, MEA06 or MEA08 is required.

**2 C0304**
If MEA03 is present, then MEA04 is required.

**3 C0504**
If MEA05 is present, then MEA04 is required.

**4 C0604**
If MEA06 is present, then MEA04 is required.

**5 L07030506**
If MEA07 is present, then at least one of MEA03, MEA05 or MEA06 are required.

**6 E0803**
Only one of MEA08 or MEA03 may be present.

**Comments:** **A** When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Notes:** PIPENET allows twenty eight iterations of the MEA segment. They are Oil/Product Level: Feet measurement, Oil/Product Level: Inch measurement, Oil/Product Level: 32nds of an inch measurement, Oil/Product Level: Gross barrels, Water/Tank Bottom Level: Feet measurement, Water/Tank Bottom Level: Inch measurement, Water/Tank Bottom Level: 32nds of an inch measurement, Water/Tank Bottom Level: Gross barrels, Observed PIDX Gravity, Observed PIDX Gravity Corrected to 60 degrees, Specific Gravity, % B S & W, Water Volume, Observed Temperature - Oil/Product, Average Temperature - Oil/Product, Temperature Factor - Oil/Product, Observed Temperature - Tank Bottom, Incrustation, Incrustation Factor, Roof

Adjustment, Volume Split to Others, Reid Vapor Pressure, Quality Control, Observed PIDX Gravity - Sample Stream, Observed PIDX Gravity Corrected to 60 degrees - Sample Stream, Observed Temperature - Sample Stream, Average Temperature - Sample Stream and Ambient Temperature.

For PIPENET, one of the three types of gravity must be sent. PIPENET allows sending all three if necessary.

Gauge readings may consist of feet, inches, 32nds of an inch and hundredths of a foot. PIPENET accomodates the various measuring methods by providing segments for each component of the gauging. If the gauging method consists of feet and hundredths of a foot then send 1 MEA for each reading and use Unit of Measure "FT" - feet. Otherwise if the gauging measuremenets consist of feet, inches and fractions of an inch then send 3 MEA segments for each component of the gauge reading.

The use of the PRL - Product Level does not supersede the base data declared as Crude or Product in LIN02. The use of the term Product is general.

The Gross Barrels segment is intended to be used when the receiving party does not have the tank strapping.

If MEA02 is "OAP" and MEA04 is "ZZ" then the segment defines the Observed PIDX Gravity.
If MEA02 is "OAP" and MEA04 is "DD" then the segment defines the Observed PIDX Gravity Corrected to 60 Degrees.

% BSW value expressed in Percentage of RCD02.
Water Volume expressed in Units of Measure declared in RCD03.

For PIPENET at least one MEA segment for the oil/product temperature data must be sent.

If transmitting PIDX corrected gravity then do not send the observed temperature.

The use of MEA - Observed Temperature - Tank Bottom segments implies average temperature. The use of 2 Successive MEA - Observed Temperature - Tank Bottom implies first and second readings.
The use of MEA01 as "TE" and MEA02 as "WTB" uniquely identifies this segment as the tank bottom observed temperature.

Send this figure as a decimal (e.g., 0.250) or a whole number expressing the incrustation in 32nds of an inch (e.g., send 3/32 as 3).

Use MEA01 code "SD" for Sample Stream Readings.

**Data Element Summary**

| REF. DES. | DATA ELEMENT | NAME | | ATTRIBUTES | |
|---|---|---|---|---|---|
| MEA01 | 737 | Measurement Reference ID Code | O | ID | 2/2 |
| | | Code specifying the application of physical measurement cited. | | | |
| | | AV  Average Reading | | | |
| | | IN  Incrustation | | | |
| | | R1  Opening Reading | | | |

| | | | |
|---|---|---|---|
| | | SD Shipped Dimensions | |
| | | TE Temperature | |
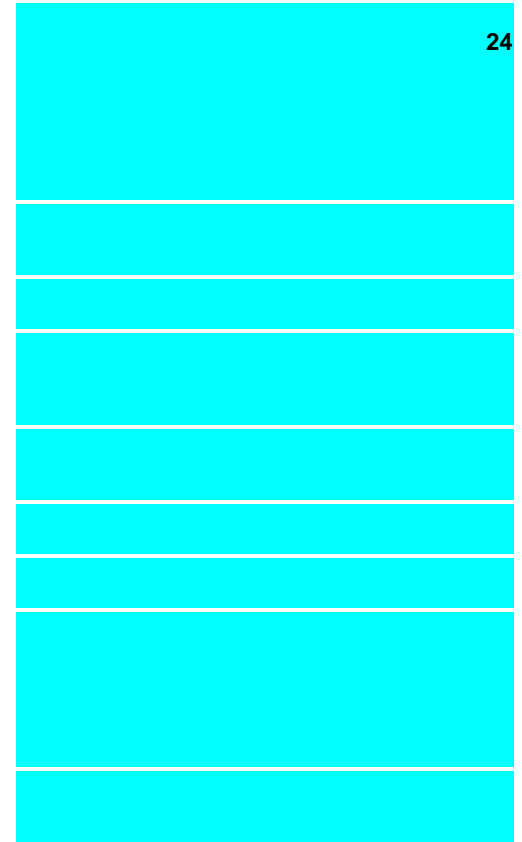
**MEA02   738   Measurement Qualifier            O   ID   1/3**
Code identifying the type of measurement.

| | |
|---|---|
| AD Ambient Temperature | |
| AVT Average Temperature | |
| BSW Percent Bottom Sediment and Water | |
| DP Depth | |
| FP Flashpoint | |
| H2O Water Volume | |
| HAZ Haze | |
| IW Incrustation Factor | |
| MK Microseperometer (MSEP) | |
| OAP Observed American Petroleum Institute Gravity | |
| OBT Observed Temperature | |
| ODR Odor | |
| PRL Product Level | |
| PY Percent of Water | |
| RAF Roof Adjustment Factor | |
| RVP Reid Vapor Pressure | |
| SPG Specific Gravity | |
| TC Temperature | |
| TPF Temperature Factor VSO | |
| Volume Split to Others WTB | |
| Water/Tank Bottom Level | |
| ZO Oxygen | |

**MEA03   739   Measurement Value                C   R   1/10**
The value of the measurement.

**MEA04   355   Unit of Measurement Code         C   ID   2/2**
Code identifying the basic unit of measurement.

| | |
|---|---|
| Not Used by PIPENET | |
| CE Centigrade, Celsius | |
| CO Cubic Meters (Net) | |
| CR Cubic Meter | |
| DD Degree | |
| E5 Inches, Fraction--Actual | |
| For PIPENET - Fractional inches are in 32nds. | |
| FA Fahrenheit | |
| FT Foot | |

| | |
|---|---|
| GD  Gross  Barrels | |
| GN  Gross  Gallons | |
| IN  Inch | |
| KG  Kilogram  ND | |
| Net Barrels NG | |
| Net Gallons | |
| PG  Pounds  Gross | |
| PN  Pounds  Net | |
| PS  Pounds  per  Sq.  Inch | |
| PU  Mass  Pounds | |
| ZZ  Mutually  Defined | |

**MEA05   740   Range Minimum                    C   R   1/10**
The value specifying the minimum of the measurement range.

| |
|---|
| Not Used by PIPENET |

**MEA06   741   Range Maximum                    C   R   1/10**
The value specifying the maximum of the measurement range.

| |
|---|
| Not Used by PIPENET |

**MEA07   935   Measurement Significance Code    O   ID   2/2**
Code used to benchmark, qualify or further define a measurement value.

| |
|---|
| Not Used by PIPENET |

**MEA08   936   Measurement Attribute Code       C   ID   2/2**
Code used to express an attribute response when a numeric measurement value cannot be determined.

| |
|---|
| Not Used by PIPENET |

**MEA09   752   Surface/Layer/Position Code      O   ID   2/2**
Code indicating the product surface, layer or position that is being described.

| |
|---|
| Not Used by PIPENET |

**Segment:** **SLN**   Subline Item Detail

**Level:** Detail

**Loop:** RCD/SLN   **Repeat:** 100

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify product subline detail item data

**Syntax:**
**1 C0706**
If SLN07 is present, then SLN06 is required.

**2 C0806**
If SLN08 is present, then SLN06 is required.

**3 C0910**
If SLN09 is present, then SLN10 is required.

**4 C1112**
If SLN11 is present, then SLN12 is required.

**5 C1314**
If SLN13 is present, then SLN14 is required.

**6 C1516**
If SLN15 is present, then SLN16 is required.

**7 C1718**
If SLN17 is present, then SLN18 is required.

**8 C1920**
If SLN19 is present, then SLN20 is required.

**9 C2122**
If SLN21 is present, then SLN22 is required.

**10 C2324**
If SLN23 is present, then SLN24 is required.

**11 C2526**
If SLN25 is present, then SLN26 is required.

**12 C2728**
If SLN27 is present, then SLN28 is required.

**Comments:**
**A** See the Data Dictionary for a complete list of ID's.

**B** SLN01 is the identifying number for the subline item. It is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.

**C** SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.

**D** SLN09 through SLN28 provide for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

**Notes:** **For PIPENET this segment is used to include a Load Out volume.**

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## Data Element Summary

| REF. DES. | DATA ELEMENT | NAME | ATTRIBUTES |
|---|---|---|---|
| SLN01 | 350 | Assigned Identification | M AN 1/11 |

Alphanumeric characters assigned for differentiation within a transaction set.

**For PIPENET a sequential subline number consisting of the number in LIN01 along with one of the following meter types.**
   **TC   Temperature Compensated Meter**
   **NT   NonTemperature Compensated Meter**
**EXAMPLE:**
**If LIN01 = 101 and the load out meter is temperature compensated then SLN02 = 101TC.**

| SLN02 | 350 | Assigned Identification | O AN 1/11 |

Alphanumeric characters assigned for differentiation within a transaction set.

**Not Used by PIPENET**

| SLN03 | 661 | Configuration Code | M ID 1/1 |

Code indicating the relationship of the subline item to the baseline item.

   **A   Added**
   **D   Deleted**
   **I   Included**

| SLN04 | 380 | Quantity | M R 1/15 |

Numeric value of quantity.

**For PIPENET this is the Load Out volume.**

| SLN05 | 355 | Unit of Measurement Code | M ID 2/2 |

Code identifying the basic unit of measurement.

   **CO   Cubic Meters (Net)**
   **CR   Cubic Meter**
   **GD   Gross Barrels**
   **GN   Gross Gallons**
   **ND   Net Barrels**
   **NG   Net Gallons**
   **PG   Pounds Gross**
   **PN   Pounds Net**
   **PU   Mass Pounds**

| SLN06 | 212 | Unit Price | C R 1/14 |

Price per unit of product, service, commodity, etc.

**Not Used by PIPENET**

| SLN07 | 639 | Basis of Unit Price Code | O ID 2/2 |

Code identifying the type of unit price for an item.

**Not Used by PIPENET**

| SLN08 | 662 | Subline Price Change Code ID | O ID 1/1 |

Code indicating the relationship of the subline item unit price to the baseline item unit price.

**Not Used by PIPENET**

**SLN09**    **235**    **Product/Service ID Qualifier**     O   ID   2/2
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
**Not Used by PIPENET**

**SLN10**    **234**    **Product/Service ID**     C   AN   1/30
Identifying number for a product or service.
**Not Used by PIPENET**

**SLN11**    **235**    **Product/Service ID Qualifier**     O   ID   2/2
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
**Not Used by PIPENET**

**SLN12**    **234**    **Product/Service ID**     C   AN   1/30
Identifying number for a product or service.
**Not Used by PIPENET**

**SLN13**    **235**    **Product/Service ID Qualifier**     O   ID   2/2
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
**Not Used by PIPENET**

**SLN14**    **234**    **Product/Service ID**     C   AN   1/30
Identifying number for a product or service.
**Not Used by PIPENET**

**SLN15**    **235**    **Product/Service ID Qualifier**     O   ID   2/2
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
**Not Used by PIPENET**

**SLN16**    **234**    **Product/Service ID**     C   AN   1/30
Identifying number for a product or service.
**Not Used by PIPENET**

**SLN17**    **235**    **Product/Service ID Qualifier**     O   ID   2/2
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
**Not Used by PIPENET**

**SLN18**    **234**    **Product/Service ID**     C   AN   1/30
Identifying number for a product or service.
**Not Used by PIPENET**

**SLN19**    **235**    **Product/Service ID Qualifier**     O   ID   2/2
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
**Not Used by PIPENET**

**SLN20**    **234**    **Product/Service ID**     C   AN   1/30
Identifying number for a product or service.
**Not Used by PIPENET**

**SLN21**    **235**    **Product/Service ID Qualifier**     O   ID   2/2
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
**Not Used by PIPENET**

**SLN22**    **234**    **Product/Service ID**     C   AN   1/30
Identifying number for a product or service.
**Not Used by PIPENET**

**SLN23**    **235**    **Product/Service ID Qualifier**     O   ID   2/2
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
**Not Used by PIPENET**

**SLN24**    **234**    **Product/Service ID**     C   AN   1/30
Identifying number for a product or service.
**Not Used by PIPENET**

**SLN25**    **235**    **Product/Service ID Qualifier**     O   ID   2/2
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
**Not Used by PIPENET**

**SLN26**    **234**    **Product/Service ID**     C   AN   1/30
Identifying number for a product or service.
**Not Used by PIPENET**

**SLN27**    **235**    **Product/Service ID Qualifier**     O   ID   2/2
Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
**Not Used by PIPENET**

**SLN28**    **234**    **Product/Service ID**     C   AN   1/30
Identifying number for a product or service.
**Not Used by PIPENET**

**Segment:** **N1** Name

**Level:** Detail

**Loop:** RCD/N1 **Repeat:** 200

**Usage:** Optional

**Max Use:** 1

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

**Syntax:** **1 R0203**
At least one of N102 or N103 is required.

**2 P0304**
If either N103 or N104 is present, then the other is required.

**Comments:** **A** 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.

**Notes:** **Required by PIPENET**

**PIPENET allows eight iterations of the N1 segment. They are Terminal Location, Lease Name, Lease Operator or Shipper, Consignee or Supplier Name, Ultimate Consignee, Tankage Name, Connecting Carrier or Refinery Name and Vessel Name.**

**The Gauge Ticket transaction set requires that the segment be sent with either the Point of Origin (N101 = "SF")  or Point of Delivery (N101 = "ST").**
**The preferred method for sending the name is to use the N103 and N104 data elements. If the name is sent in N103 and N104 then do not send N102. However, if the name is sent as alpha-numeric in N102 then do not send N103 and N104.**

**If N101 in the N1 segment for the Transaction Set Destination in the Header is "SH" then "SH" is not allowed in this N1 segment of the Detail Area.**
**If N101 in the N1 segment for the Transaction Set Destination in the Header is "OP" then "OP" is not allowed in this N1 segment of the Detail Area.**
**Use N101 code "OV" to send a Vessel Name.**

### Data Element Summary

| REF. DES. | DATA ELEMENT | NAME | ATTRIBUTES | | |
|---|---|---|---|---|---|
| N101 | 98 | **Entity Identifier Code** | **M** | **ID** | **2/2** |
| | | Code identifying an organizational entity or a physical location. | | | |
| | | **CN Consignee** | | | |
| | | **IK Intermediate Carrier** | | | |
| | | **OP Operator of property or unit** | | | |
| | | Operator of Property or Unit | | | |

| | | **OV Owner of Vessel** | | | |
|---|---|---|---|---|---|
| | | **PP Property** | | | |
| | | **RF Refinery SF** | | | |
| | | **Ship From SH** | | | |
| | | **Shipper** | | | |
| | | **ST Ship To** | | | |
| | | **SU Supplier/Manufacturer** | | | |
| | | **TF Tank Farm** | | | |
| | | **UC Ultimate Consignee** | | | |
| | | **WF Tank Farm Owner** | | | |
| N102 | 93 | **Name** | **C** | **AN** | **1/35** |
| | | Free-form name. | | | |
| N103 | 66 | **Identification Code Qualifier** | **C** | **ID** | **1/2** |
| | | Code designating the system/method of code structure used for Identification Code (67). | | | |
| | | **1 Dun and Bradstreet (Credit Reporting) (DUNS)** | | | |
| | | **20 Standard Point Location Code (SPLC)** | | | |
| | | **22 Council of Petroleum Accounting Societies code (COPAS).** | | | |
| | | **9 DUNS with 4-character suffix** | | | |
| N104 | 67 | **Identification Code** | **C** | **AN** | **2/17** |
| | | Code identifying a party. | | | |

| | |
|---|---|
| **Segment:** | **REF**   Reference Numbers |
| **Level:** | Detail |
| **Loop:** | RCD/N1 |
| **Usage:** | Optional |
| **Max Use:** | 100 |
| **Purpose:** | To specify identifying numbers. |
| **Syntax:** | **1 R0203**<br>At least one of REF02 or REF03 is required. |
| **Notes:** | **PIPENET requires that Gauge Ticket Number be sent in the REF segment of the N1 loop sending the Point of Origin (N101 = "SF") or Point of Delivery (N101 = "ST").**<br>**PIPENET allows the Lease Number in the N1 loop sending the Lease Name.** |

### Data Element Summary

| REF. DES. | DATA ELEMENT | NAME | ATTRIBUTES |
|---|---|---|---|
| REF01 | 128 | **Reference Number Qualifier**<br>Code qualifying the Reference Number. | M   ID   2/2 |
| | | **GG Gauge Ticket Number** | |
| | | **LC Lease Number** | |
| REF02 | 127 | **Reference Number**<br>Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. | C   AN   1/30 |
| REF03 | 352 | **Description**<br>A free-form description to clarify the related data elements and their content.<br>**Not Used by PIPENET** | C   AN   1/80 |

---

| | |
|---|---|
| **Segment:** | **PER**   Administrative Communications Contact |
| **Level:** | Detail |
| **Loop:** | RCD/N1 |
| **Usage:** | Optional |
| **Max Use:** | 3 |
| **Purpose:** | To identify a person or office to whom administrative communications should be directed |
| **Syntax:** | **1 P0304**<br>If either PER03 or PER04 is present, then the other is required. |
| **Notes:** | **PIPENET allows that the Information Contact in the PER segment of the N1 loop sending the Point of Origin (N101 = "SF") or Point of Delivery (N101 = "ST").** |

### Data Element Summary

| REF. DES. | DATA ELEMENT | NAME | ATTRIBUTES |
|---|---|---|---|
| PER01 | 366 | **Contact Function Code**<br>Code identifying the major duty or responsibility of the person or group named. | M   ID   2/2 |
| | | **IC Information Contact** | |
| PER02 | 93 | **Name**<br>Free-form name.<br>**For PIPENET the name or initials of the field employee responsible for the creation of the ticket.** | O   AN   1/35 |
| PER03 | 365 | **Communication Number Qualifier**<br>Code identifying the type of communication number.<br>**Not Used by PIPENET** | C   ID   2/2 |
| PER04 | 364 | **Communication Number**<br>Complete communications number including country or area code when applicable.<br>**Not Used by PIPENET** | C   AN   7/25 |

**Segment:** **CTT** Transaction Totals

**Level:** Summary

**Loop:** ____

**Usage:** Optional

**Max Use:** 1

**Purpose:** To transmit a hash total for a specific element in the transaction set

**Syntax:** **1 C0304**
If CTT03 is present, then CTT04 is required.

**2 C0506**
If CTT05 is present, then CTT06 is required.

**Comments:** **A** This segment is intended to provide hash totals to validate transaction completeness and correctness.

**Notes:** **Required by PIPENET**

### Data Element Summary

| REF. DES. | DATA ELEMENT | NAME | ATTRIBUTES | | |
|---|---|---|---|---|---|
| **CTT01** | 354 | **Number of Line Items** | M | N0 | 1/6 |

Total number of line items in the transaction set.

**For PIPENET a count of the number of RCD segments.**

| **CTT02** | 347 | **Hash Total** | O | R | 1/10 |
|---|---|---|---|---|---|

Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the leftmost digits if the sum is greater than the maximum size of the hash total of the data element.

Example:

| | |
|---|---|
| -.0018 | First occurrence of value being hashed. |
| .18 | Second occurrence of value being hashed. |
| 1.8 | Third occurrence of value being hashed. |
| 18.01 | Fourth occurrence of value being hashed. |
| 1855 | Hash total prior to truncation. |
| 855 | Hash total after truncation to three-digit field. |

**Not Used by PIPENET**

| **CTT03** | 81 | **Weight** | O | R | 1/8 |
|---|---|---|---|---|---|

Numeric value of weight.

**Not Used by PIPENET**

| **CTT04** | 355 | **Unit of Measurement Code** | C | ID | 2/2 |
|---|---|---|---|---|---|

Code identifying the basic unit of measurement.

**Not Used by PIPENET**

| **CTT05** | 183 | **Volume** | O | R | 1/8 |
|---|---|---|---|---|---|

Value of volumetric measure.

**Not Used by PIPENET**

| **CTT06** | 355 | **Unit of Measurement Code** | C | ID | 2/2 |
|---|---|---|---|---|---|

Code identifying the basic unit of measurement.

**Not Used by PIPENET**

| **CTT07** | 352 | **Description** | O | AN | 1/80 |
|---|---|---|---|---|---|

A free-form description to clarify the related data elements and their content.

**Not Used by PIPENET**

**Segment:** **SE**   Transaction Set Trailer

**Level:** Summary

**Loop:**  ___

**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).

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

### Data Element Summary

| REF. DES. | DATA ELEMENT | NAME | ATTRIBUTES |
|---|---|---|---|
| | | Total number of segments included in a transaction set including ST and SE | |
| SE01 | 96 | **Number of Included Segments** | M   N0   1/6 |
| | | segments. | |
| SE02 | 329 | **Transaction Set Control Number** | M   AN   4/9 |
| | | Identifying control number assigned by the originator for a transaction set. | |
| | | **SE02 must be the same as ST02.** | |

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# Acrobat™
# Tips
These buttons help you find, view and use
ACCESSRAMP text ™

## Bookmarks/Thumbnails

▽ ▷   When bookmarks are onscreen, click on triangles to show or hide subtopics.

When bookmarks are onscreen, a double-click on one of these brings its topic to the page window.

Closes thumbnails or bookmarks and displays the page window only.

Displays bookmarks and a page.

Displays thumbnails and a page.

## Page Viewing

Magnifies, reduces the page: click the button, then click within the document. Or click and drag to enlarge an area.

When part of the page fills the window, the hand icon drags the page so that the rest can be shown.

## Text Copying

Selects text to copy to the clipboard.

Page 1 of 5, click this button for page 2

# Acrobat ™
## Tips

page to page and to set the page size

Use these buttons to quickly move from

### Page Turning

### Stored Views

Displays the first page.

Displays the previous page.

Displays the previous page viewed.

Displays the last page.

Displays the next page.

Returns from previous pages.

### Page Size Setting

Sets the page view to 100%.

Displays the full width of the page within the window.

Displays the entire page within the window.

# Acrobat ™
## Tips of contents ™

ACCESSRAMP bookmarks work like a table

### Collapsing and expanding topics

### Finding EDI segments in ACCESSRAMP

Triangle icons in the bookmark area let you expand or collapse subtopics by clicking. A triangle that faces down indicates a topic is expanded. A triangle that faces to the right indicates a topic is collapsed.

To make scrolling the bookmark area easier, collapse all topics.

As you move the cursor past the border between the bookmark area and the page window a double arrow appears. Drag the double arrow to resize the bookmark area.

Most ACCESSRAMP titles are based upon ASC X12 transaction sets or UN/EDIFACT messages. The hierarchy of these EDI standards creates a natural way to locate a message's interrelated parts.

In each message listing, there is a column of page numbers to the left of the segment identifier. Click on a page number and the page window changes to the selected segment.

You can also use the bookmarks for the same purpose.

# Acrobat™ Tips
## Tips for opening multiple documents and jumping to specific pages

### Opening multiple documents

You might want to have more than one ACCESSRAMP document open at one time. For example, a data element dictionary and one or more transaction sets can be open for instant cross access.

From within ACCESSRAMP, choose File|Open to open another document. Files that can be read by ACCESSRAMP have the file extension *.PDF.

Use the Window menu to switch between the documents that are open.

### Going to a specific page

In addition to using bookmarks and the message listing, there are two additional ways to get to a specific page.

Click the page number box at the bottom of the window. Type the number of the page in the dialog box, then click OK.

Click and hold the vertical scroll box; as you move the scroll box, a page number appears to the left of the scroll bar. Stop dragging the scroll box when it reaches the page you want.

← Click this button for page 3          Page 4 of 5          Click this button for page 5 →

# Acrobat™ Tips
## Magnification and manipulating the size of the onscreen image

### Changing page magnification

The magnification box is at the bottom of the page window next to the page number box. Click and hold to select a preset percentage of magnification.

Selecting "Other..." displays a dialog box. By typing in a number (between 12 and 800) you can set any magnification from 12% to 800%.

You can preset ACCESSRAMP to open at any desired magnification by using the "Preferences..." dialog box under the "Edit" menu.

### Fitting the page to your screen

When the displayed image is too small or too large, click this button. The page will fill the window at the maximum magnification possible.

← Click this button for page 4          Page 5 of 5