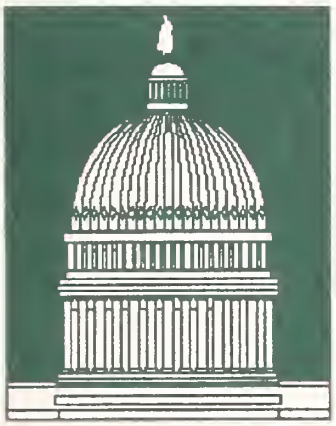
NAT'L INST. OF STAND & TECH R.I.C.
A11104 920969

NIST Special Publication 881-5

NIST
PUBLICATIONS



# Federal Implementation Guideline for Electronic Data Interchange

## ASC X12 003050 Transaction Set 865 Purchase Order Change Acknowledgment/Request - Seller Initiated

## Implementation Convention

U.S. DEPARTMENT OF COMMERCE
**Technology Administration**
National Institute of
Standards and Technology

QC
100
.U57
NO.881-5
1996
AUTHENTICATED U.S. GOVERNMENT INFORMATION GPO

The National Institute of Standards and Technology was established in 1988 by Congress to "assist industry in the development of technology . . . needed to improve product quality, to modernize manufacturing processes, to ensure product reliability . . . and to facilitate rapid commercialization . . . of products based on new scientific discoveries."

NIST, originally founded as the National Bureau of Standards in 1901, works to strengthen U.S. industry's competitiveness; advance science and engineering; and improve public health, safety, and the environment. One of the agency's basic functions is to develop, maintain, and retain custody of the national standards of measurement, and provide the means and methods for comparing standards used in science, engineering, manufacturing, commerce, industry, and education with the standards adopted or recognized by the Federal Government.

As an agency of the U.S. Commerce Department's Technology Administration, NIST conducts basic and applied research in the physical sciences and engineering, and develops measurement techniques, test methods, standards, and related services. The Institute does generic and precompetitive work on new and advanced technologies. NIST's research facilities are located at Gaithersburg, MD 20899, and at Boulder, CO 80303. Major technical operating units and their principal activities are listed below. For more information contact the Public Inquiries Desk, 301-975-3058.

## Office of the Director
- Advanced Technology Program
- Quality Programs
- International and Academic Affairs

## Technology Services
- Manufacturing Extension Partnership
- Standards Services
- Technology Commercialization
- Measurement Services
- Technology Evaluation and Assessment
- Information Services

## Materials Science and Engineering Laboratory
- Intelligent Processing of Materials
- Ceramics
- Materials Reliability[1]
- Polymers
- Metallurgy
- Reactor Radiation

## Chemical Science and Technology Laboratory
- Biotechnology
- Chemical Kinetics and Thermodynamics
- Analytical Chemical Research
- Process Measurements
- Surface and Microanalysis Science
- Thermophysics[2]

## Physics Laboratory
- Electron and Optical Physics
- Atomic Physics
- Molecular Physics
- Radiometric Physics
- Quantum Metrology
- Ionizing Radiation
- Time and Frequency[1]
- Quantum Physics[1]

## Manufacturing Engineering Laboratory
- Precision Engineering
- Automated Production Technology
- Intelligent Systems
- Manufacturing Systems Integration
- Fabrication Technology

## Electronics and Electrical Engineering Laboratory
- Microelectronics
- Law Enforcement Standards
- Electricity
- Semiconductor Electronics
- Electromagnetic Fields[1]
- Electromagnetic Technology[1]
- Optoelectronics[1]

## Building and Fire Research Laboratory
- Structures
- Building Materials
- Building Environment
- Fire Safety
- Fire Science

## Computer Systems Laboratory
- Office of Enterprise Integration
- Information Systems Engineering
- Systems and Software Technology
- Computer Security
- Systems and Network Architecture
- Advanced Systems

## Computing and Applied Mathematics Laboratory
- Applied and Computational Mathematics[2]
- Statistical Engineering[2]
- Scientific Computing Environments[2]
- Computer Services
- Computer Systems and Communications[2]
- Information Systems

[1] At Boulder, CO 80303.
[2] Some elements at Boulder, CO 80303.

NIST Special Publication 881-5

# Federal Implementation Guideline for Electronic Data Interchange

## ASC X12 003050 Transaction Set 865 Purchase Order Change Acknowledgment/Request - Seller Initiated

## Implementation Convention

Electronic Commerce Acquisition Program Management Office
Standard Management Committee - Secretariat
National Institute of Standards and Technology
Gaithersburg, MD 20899-0001

Editor: Dr. Jean-Philippe Favreau

February 1996




**U.S. DEPARTMENT OF COMMERCE**
**Ronald H. Brown**, Secretary

**Technology Administration**
**Mary L. Good**, Under Secretary for Technology

**National Institute of Standards and Technology**
**Arati Prabhakar**, Director

## Reports on Computer Systems Technology

The National Institute of Standards and Technology (NIST)'s Computer Systems Laboratory (CSL) develops standard and guidelines, provides technical assistance, and conducts research for computers and related telecommunications systems to advance the effective utilization of information technology resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, CSL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

**National Institute of Standards and Technology Special Publication 881-5**
**Natl. Inst. Stand. Technol. Spec. Publ. 881-5, 158 pages (Feb. 1996)**
**CODEN: NSPUE2**

**U.S. GOVERNMENT PRINTING OFFICE**
**WASHINGTON: 1996**

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402

## FOREWORD

In a memorandum of October 26, 1993, the President sought to stimulate the Federal Government's deployment of Electronic Commerce in order to simplify and streamline the acquisition process. In this regard, the President set forth the following objectives:

- Exchange acquisition information electronically between the private sector and the Federal Government to the maximum extent practicable.
- Provide businesses, including small, small disadvantaged, and woman-owned businesses, with greater access to Federal acquisition opportunities.
- Ensure that potential suppliers are provided simplified access to the Federal Government's EC system.
- Employ nationally and internationally recognized data formats that serve to broaden and ease the interchange of data.
- Use agency and industry systems and networks to enable the government and potential suppliers to exchange information and access Federal acquisition data.

As part of the Federal Government wide effort to implement EC, NIST has been given the responsibility of coordinating the development and promulgation of Implementation Conventions for the functional areas of EC which will be deployed across the Agencies.

Various Agencies have been actively pursuing Electronic Data Interchange (EDI) for several years - the DoD, GSA, Customs and HHS, for instance, have been particularly active in adopting ANSI X12 standards, and looking ahead to EDIFACT. There became a danger that with fragmentation of usage across the Federal Government a significant burden would be placed on many small businesses to support an unnecessary profusion of formats and conventions.

In the Presidential Memorandum, President Clinton required Federal agencies to implement the use of electronic commerce in Federal purchases as quickly as possible. As the initial step, the President's Management Council (PMC) Electronic Commerce Task Force (ECTF), chaired by the Administrator, Office of Federal Procurement Policy (OFPP), chartered the Federal Electronic Commerce Acquisition Team (ECAT) to complete the first milestone of the President's memorandum. The PMC assigned the Electronic Commerce Acquisition Team, composed of representatives from various Federal departments and agencies, the task of defining the architecture for the government electronic commerce acquisition system and identifying the executive departments or agencies responsible for developing, implementing, operating, and maintaining the Federal electronic system.

Another key step in the implementation of EDI in the Federal Government relies on the definition of Implementation Conventions (ICs). EDI syntax standards, both ASC X12 and UN/EDIFACT, accommodate a full range of business activities for all industries. A standard is the result of a consensus among a large number of users, each with its own set of needs. It is a superset intended to meet the diverse requirements of all users. Standards commonly contain more data elements and structure options than any one user or industry needs. Far too many opportunities exist for inefficient, or ambiguous transactions. Therefore, actual EDI business processes require implementation conventions (ICs) to fully define transactions. ICs do that by tailoring the use of the standards' segments, data elements, and code values and providing a subset menu of those distinct parts. This Special Publication defines a Federal IC based on ASC X12 Version 3050 and is the result of coordinated development and adoption within the Federal Government.

# 865 Purchase Order Change Acknowledgment/Request - Seller Initiated

**Functional Group ID=CA**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Change Acknowledgment/Request - Seller Initiated Transaction Set (865) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to convey acceptance or rejection of changes to a previously submitted purchase order by the seller or to notify the buyer of changes initiated by the seller to a previously submitted purchase order by the seller.

## Notes:

1. This transaction set can be used by a contractor to:
A. Acknowledge, with exception detail, receipt of a draft modification.
B. Accept a draft modification.
C. Reject a draft modification, with or without detail.
D. Initiate a change request.
E. Cancel a change request.

2. When BCA01 is code 01 or BCA02 is code AT or RJ; only the mandatory segments/data elements, data elements indicated as required under these conditions and the 1/N1/300 segment need be transmitted.

3. When BCA02 is code RF, only the mandatory segments/data elements, data elements indicated as required under this condition, the 1/N9/280 loop and the 1/N1/300 segment need be transmitted.

4. When BCA02 is code AE, transmit all mandatory segments/data elements, data elements identified as required under this condition and any other segment, data element or code necessary to identify the exceptions being taken.

5. When BCA15 is code RQ, use only those segments and data elements that are mandatory or necessary to change data in the current procurement instrument.

6. When BCA01 is code 22, the transaction set is transmitted in its entirety.

## Heading:

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| | 010 | ST | Transaction Set Header | M | 1 | | |
| | 020 | BCA | Beginning Segment for Purchase Order Change Acknowledgment | M | 1 | | |
| Not Used | 030 | NTE | Note/Special Instruction | F | 100 | | |
| | 040 | CUR | Currency | O | 1 | | |
| | 050 | REF | Reference Numbers | O | >1 | | |
| Not Used | 060 | PER | Administrative Communications Contact | O | 3 | | |
| Not Used | 070 | TAX | Tax Reference | O | >1 | | |
| | 080 | FOB | F.O.B. Related Instructions | O | >1 | | |
| Not Used | 090 | CTP | Pricing Information | O | >1 | | |
| Not Used | 095 | PAM | Period Amount | O | 10 | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Not Used | 110 | CSH | Header Sale Condition | O | 1 | | |
| | | | LOOP ID - SAC | | | 25 | |
| | 120 | SAC | Service, Promotion, Allowance, or Charge Information | O | 1 | | |
| Not Used | 125 | CUR | Currency | O | 1 | | |
| | 130 | ITD | Terms of Sale/Deferred Terms of Sale | O | 5 | | |
| | 140 | DIS | Discount Detail | O | 20 | | |
| Not Used | 145 | INC | Installment Information | O | 1 | | |
| | 150 | DTM | Date/Time Reference | O | 10 | | |
| | 160 | LDT | Lead Time | O | 12 | | |
| Not Used | 180 | LIN | Item Identification | O | 5 | | n1 |
| Not Used | 185 | SI | Service Characteristic Identification | O | 2 | | |
| | 190 | PID | Product/Item Description | O | 200 | | |
| | 200 | MEA | Measurements | O | 40 | | |
| | 210 | PWK | Paperwork | O | 25 | | |
| | 220 | PKG | Marking, Packaging, Loading | O | 25 | | |
| Not Used | 230 | TD1 | Carrier Details (Quantity and Weight) | O | 2 | | |
| | 240 | TD5 | Carrier Details (Routing Sequence/Transit Time) | O | 12 | | |
| Not Used | 250 | TD3 | Carrier Details (Equipment) | O | 12 | | |
| | 260 | TD4 | Carrier Details (Special Handling or Hazardous Materials or Both) | O | 5 | | |
| | 270 | MAN | Marks and Numbers | O | 10 | | |
| | 275 | TXI | Tax Information | O | >1 | | |
| | 277 | G53 | Maintenance Type | O | >1 | | |
| | | | LOOP ID - N9 | | | 1 | |
| | 280 | N9 | Reference Number | O | 1 | | |
| | 290 | MSG | Message Text | O | 1000 | | |
| | | | LOOP ID - N1 | | | 200 | |
| | 300 | N1 | Name | O | 1 | | |
| | 310 | N2 | Additional Name Information | O | 2 | | |
| | 320 | N3 | Address Information | O | 2 | | |
| | 330 | N4 | Geographic Location | O | 1 | | |
| Not Used | 335 | NX2 | Real Estate Property ID Component | O | 3 | | |
| | 340 | REF | Reference Numbers | O | 12 | | |
| | 350 | PER | Administrative Communications Contact | O | >1 | | |
| Not Used | 360 | FOB | F.O.B. Related Instructions | O | 1 | | |
| Not Used | 370 | TD1 | Carrier Details (Quantity and Weight) | O | 2 | | |
| | 380 | TD5 | Carrier Details (Routing Sequence/Transit Time) | O | 12 | | |
| Not Used | 390 | TD3 | Carrier Details (Equipment) | O | 12 | | |
| | 400 | TD4 | Carrier Details (Special Handling or Hazardous Materials or Both) | O | 5 | | |
| | 410 | PKG | Marking, Packaging, Loading | O | 25 | | |
| Not Used | 420 | MSG | Message Text | O | >1 | | |

## Detail:

| Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---|---|---|---|---|---|---|
| | | LOOP ID - POC | | | >1 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 010 | POC | Line Item Change | O | 1 | | |
| Not Used | 018 | SI | Service Characteristic Identification | O | 5 | | |
| Not Used | 020 | CUR | Currency | O | 1 | | |
| | 030 | PO3 | Additional Item Detail | O | 25 | | |
| | 040 | CTP | Pricing Information | O | >1 | | |
| Not Used | 045 | PAM | Period Amount | O | 10 | | |
| | 049 | MEA | Measurements | O | 40 | | |
| | | | LOOP ID - PID | | | 1000 | |
| | 050 | PID | Product/Item Description | O | 1 | | |
| Not Used | 060 | MEA | Measurements | O | 10 | | |
| | 070 | PWK | Paperwork | O | 25 | | |
| | 080 | PKG | Marking, Packaging, Loading | O | 25 | | |
| | 090 | PO4 | Item Physical Details | O | >1 | | |
| | 100 | REF | Reference Numbers | O | >1 | | |
| Not Used | 110 | PER | Administrative Communications Contact | O | 3 | | |
| | | | LOOP ID - SAC | | | 25 | |
| | 130 | SAC | Service, Promotion, Allowance, or Charge Information | O | 1 | | |
| Not Used | 135 | CUR | Currency | O | 1 | | |
| Not Used | 140 | IT8 | Conditions of Sale | O | 1 | | |
| | 150 | ITD | Terms of Sale/Deferred Terms of Sale | O | 2 | | |
| | 160 | DIS | Discount Detail | O | 20 | | |
| Not Used | 165 | INC | Installment Information | O | 1 | | |
| Not Used | 170 | TAX | Tax Reference | O | >1 | | |
| | 180 | FOB | F.O.B. Related Instructions | O | >1 | | |
| Not Used | 190 | SDQ | Destination Quantity | O | 500 | | |
| | 200 | DTM | Date/Time Reference | O | 10 | | |
| Not Used | 230 | TD1 | Carrier Details (Quantity and Weight) | O | 1 | | |
| | 240 | TD5 | Carrier Details (Routing Sequence/Transit Time) | O | 12 | | |
| Not Used | 250 | TD3 | Carrier Details (Equipment) | O | 12 | | |
| | 260 | TD4 | Carrier Details (Special Handling or Hazardous Materials or Both) | O | 5 | | |
| | 265 | TXI | Tax Information | O | >1 | | |
| | | | LOOP ID - ACK | | | 104 | |
| Not Used | 270 | ACK | Line Item Acknowledgment | O | 1 | | |
| Not Used | 280 | DTM | Date/Time Reference | O | 1 | | |
| | 290 | MAN | Marks and Numbers | O | 10 | | |
| | 291 | SPI | Specification Identifier | O | >1 | | |
| | 292 | MSG | Message Text | O | >1 | | |
| | 300 | AMT | Monetary Amount | O | 1 | | n2 |
| | | | LOOP ID - SCH | | | 200 | |
| | 305 | SCH | Line Item Schedule | O | 1 | | |
| Not Used | 310 | TD1 | Carrier Details (Quantity and Weight) | O | 2 | | |
| Not Used | 315 | TD5 | Carrier Details (Routing Sequence/Transit Time) | O | 12 | | |
| Not Used | 320 | TD3 | Carrier Details (Equipment) | O | 12 | | |
| Not Used | 330 | TD4 | Carrier Details (Special Handling or Hazardous Materials or Both) | O | 5 | | |
| | | | LOOP ID - LDT | | | >1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 335 | LDT | Lead Time | O | 1 | |
| | 340 | QTY | Quantity | O | >1 | |
| | 342 | MSG | Message Text | O | 1 | |
| | | | LOOP ID - LM | | | >1 |
| | 344 | LM | Code Source Information | O | 1 | |
| | 346 | LQ | Industry Code | M | >1 | |
| | | | LOOP ID - N9 | | | 1000 |
| | 350 | N9 | Reference Number | O | 1 | |
| | 360 | MSG | Message Text | O | 1000 | |
| | | | LOOP ID - N1 | | | 200 |
| | 370 | N1 | Name | O | 1 | |
| | 380 | N2 | Additional Name Information | O | 2 | |
| | 390 | N3 | Address Information | O | 2 | |
| | 400 | N4 | Geographic Location | O | 1 | |
| Not Used | 405 | NX2 | Real Estate Property ID Component | O | 3 | |
| Not Used | 410 | REF | Reference Numbers | O | 12 | |
| Not Used | 420 | PER | Administrative Communications Contact | O | 3 | |
| Not Used | 430 | FOB | F.O.B. Related Instructions | O | 1 | |
| | 435 | SCH | Line Item Schedule | O | 200 | |
| Not Used | 440 | TD1 | Carrier Details (Quantity and Weight) | O | 2 | |
| | 450 | TD5 | Carrier Details (Routing Sequence/Transit Time) | O | 12 | |
| Not Used | 460 | TD3 | Carrier Details (Equipment) | O | 12 | |
| | 470 | TD4 | Carrier Details (Special Handling or Hazardous Materials or Both) | O | 5 | |
| | 480 | PKG | Marking, Packaging, Loading | O | 25 | |
| | | | LOOP ID - LDT | | | >1 |
| | 485 | LDT | Lead Time | O | 1 | |
| | 486 | MAN | Marks and Numbers | O | 10 | |
| | 487 | QTY | Quantity | O | 5 | |
| | 488 | MSG | Message Text | O | 1 | |
| | | | LOOP ID - SLN | | | 1000 |
| Not Used | 490 | SLN | Subline Item Detail | O | 1 | |
| Not Used | 500 | SI | Service Characteristic Identification | O | 5 | |
| Not Used | 510 | PID | Product/Item Description | O | 1000 | |
| Not Used | 520 | PO3 | Additional Item Detail | O | 25 | |
| Not Used | 522 | CTP | Pricing Information | O | 25 | |
| Not Used | 523 | PAM | Period Amount | O | 10 | |
| Not Used | 530 | ACK | Line Item Acknowledgment | O | 104 | |
| | | | LOOP ID - SAC | | | 10 |
| Not Used | 540 | SAC | Service, Promotion, Allowance, or Charge Information | O | 1 | |
| Not Used | 545 | CUR | Currency | O | 1 | |
| Not Used | 550 | DTM | Date/Time Reference | O | 10 | |
| Not Used | 554 | PO4 | Item Physical Details | O | 1 | |
| Not Used | 557 | TAX | Tax Reference | O | 3 | |
| | | | LOOP ID - N1 | | | 10 |
| Not Used | 560 | N1 | Name | O | 1 | |

| | | | | | |
|---|---|---|---|---|---|
| Not Used | 570 | N2 | Additional Name Information | O | 2 |
| Not Used | 580 | N3 | Address Information | O | 2 |
| Not Used | 590 | N4 | Geographic Location | O | 1 |
| Not Used | 600 | NX2 | Real Estate Property ID Component | O | 3 |
| Not Used | 610 | REF | Reference Numbers | O | 12 |
| Not Used | 620 | PER | Administrative Communications Contact | O | 3 |

## Summary:

| Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---|---|---|---|---|---|---|
| 010 | CTT | Transaction Totals | M | 1 | | n3 |
| 020 | AMT | Monetary Amount | O | 5 | | n4 |
| 030 | SE | Transaction Set Trailer | M | 1 | | |

## Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. If AMT is used in the detail area, then AMT01 will = 1 and AMT02 will indicate total line amount as calculated by the sender.
3. Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.
4. When AMT is used, then one occurrence of AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

**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.
**Notes:**
**Syntax Notes:**
**Semantic Notes:** 1 The transaction set identifier (ST01) 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:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | ST01 | 143 | **Transaction Set Identifier Code**<br>Code uniquely identifying a Transaction Set.<br>865 X12.16 Purchase Order Change Acknowledgment/Request - Seller Initiated | M ID 3/3 |
| >> | ST02 | 329 | **Transaction Set Control Number**<br>Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set<br>*This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.* | M AN 4/9 |

**Segment:** **BCA** **Beginning Segment for Purchase Order Change Acknowledgment**
**Position:** 020
**Loop:**
**Level:** Heading
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To indicate the beginning of the purchase order change acknowledgment transaction set and transmit identifying numbers and dates.
**Notes:**
**Syntax Notes:**
**Semantic Notes:**
1 BCA06 is the date assigned by the purchaser to purchase order.
2 BCA09 is the seller's order number.
3 BCA10 is the date assigned by the sender to the acknowledgment.
4 BCA11 is the date of the purchase order change request.
5 BCA12 is the order change acknowledgment date.
**Comments:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | BCA01 | 353 | **Transaction Set Purpose Code**<br>Code identifying purpose of transaction set.<br>*Use to identify the purpose of the transaction set.*<br>00 Original<br>01 Cancellation<br>*Use to indicate a cancellation of a previously transmitted change request.*<br>07 Duplicate<br>*Use to indicate a duplicate acknowledgment or change request.*<br>22 Information Copy<br>*Use to indicate an information copy of a contractor initiated change request being sent to either the buying activity or to the Contract Administration Activity.* | **M ID 2/2** |
| | BCA02 | 587 | **Acknowledgment Type**<br>Code specifying the type of acknowledgment.<br>*1. Use only in response to a draft modification.*<br>*2. When contractor initiated changes are being transmitted, BCA02 is not used.*<br>AC Acknowledge - With Detail and Change<br>*Use to indicate a draft modification is being acknowledged with detail and changes. Use this code only if BCH14 in the applicable 860 transaction set was code AC.*<br>AD Acknowledge - With Detail, No Change<br>*Use to indicate a draft modification being acknowledged with detail and no change. Use this code only when BCH14 in the applicable 860 transaction set was code AC or AD.*<br>AE Acknowledge - With Exception Detail Only<br>*Use to indicate a draft modification is being acknowledged without detail or change. Use this code* | **O ID 2/2** |

*only when BCH14 in the applicable 860 transaction set was code AC, AD, or AK.*

AK Acknowledge - No Detail or Change

*Use to indicate a draft modification is being acknowledged with no detail or change. Use this code only when BCH14 in the 860 transaction set was code AK.*

AT Accepted

*Use to indicate acceptance of a draft modification. Use this code only if BCH14 in the applicable 860 transaction set was code AC, AD, AK, or AT.*

RF Reject with Exception Detail Only

*Use to indicate a rejection of a draft modification with an explanation for the rejection. Provide the explanation for the rejection in the 1/N9/280 loop.*

RJ Rejected - No Detail

*Use to indicate a draft modification is being rejected. No detail or explanation is being provided.*

>> **BCA03** **324** **Purchase Order Number** **M AN 1/22**

Identifying number for Purchase Order assigned by the orderer/purchaser.

*Enter the purchase order number, contract number (including Federal Supply Schedules, GSA Schedules and all other basic contracts), BPA number, Grant, Lease, or Agreement number. This number is carried in BEG03 and is always the Procurement Instrument Identification Number (PIIN) for DoD or the equivalent expression for Civilian Agencies. This is never the number of a delivery order, call or release against a basic award instrument. That number is carried in BCA04. This number shall be transmitted without dashes.*

**BCA04** **328** **Release Number** **O AN 1/30**

Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction.

*Enter the number of a release, call or delivery order against a basic award instrument. This number is carried in BEG04 and is always the Supplemental Procurement Instrument Identification Number (SPIIN) for DoD or the equivalent expression for Civilian Agencies. This number shall be transmitted without dashes.*

**BCA05** **327** **Change Order Sequence Number** **O AN 1/8**

Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set.

*Use to identify the official modification number that is cited in BCH05 of the 860 transaction set. This IS NOT the draft working number.*

>> **BCA06** **373** **Date** **M DT 6/6**

Date (YYMMDD).

*When BCA15 is code RQ, enter the date of the award instrument to which a change is being requested (either the document specified in BEG03 or BEG04). If both BEG03 and BEG04 contain a number, enter the date of the award instrument identified in BEG04. If BEG04 does not contain a number, enter the date of the award instrument identified in BCH03.*

**BCA07** **326** **Request Reference Number** **O AN 1/45**

Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number).

*This data element is REQUIRED when BCA15 is code DG. Cite the number from BCH07 of the draft modification.*

| | | | | | | |
|---|---|---|---|---|---|---|
| | **BCA08** | **367** | **Contract Number**<br>Contract number.<br>*Use to identify the Small Business Administration (SBA) contract number for an 8a Set-Aside.* | **O** | **AN** | **1/30** |
| | **BCA09** | **127** | **Reference Number**<br>Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.<br>*Use to identify a number assigned by the contractor to each transmission of the 865. Each successive transmission of a response to the same draft modification shall carry a sequential suffix number, e.g., -1, -2, -3, etc.* | **O** | **AN** | **1/30** |
| X | **BCA10** | **373** | **Date**<br>Date (YYMMDD). | **O** | **DT** | **6/6** |
| X | **BCA11** | **373** | **Date**<br>Date (YYMMDD). | **O** | **DT** | **6/6** |
| >> | **BCA12** | **373** | **Date**<br>Date (YYMMDD).<br>*Use to identify the date of the transmission. When BCA01 is code 22 this is the date of the original transmission.* | **O** | **DT** | **6/6** |
| X | **BCA13** | **92** | **Purchase Order Type Code**<br>Code specifying the type of Purchase Order.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/2** |
| | **BCA14** | **786** | **Security Level Code**<br>Code indicating the level of confidentiality assigned by the sender to the information following.<br>*Use to identify the highest level of government security classification or commercial protection level applicable to the data contained the requested change (BCA15 is code RQ). If the requested change has both a government security classification and a commercial protection level, the government security classification takes precedence and shall be cited in this data element. If the requested change contains data that has a commercial protection level assigned by the contractor, that data can also be identified in the 2/SPI/291 segment.*<br>06 Supplier Proprietary<br>11 Competition Sensitive<br>92 Government Confidential<br>93 Government Secret<br>94 Government Top Secret | **O** | **ID** | **2/2** |
| | **BCA15** | **640** | **Transaction Type Code**<br>Code specifying the type of transaction.<br>*Use to identify the intent of the 865 that is being transmitted.*<br>07 Budget<br>*Use to indicate a request for additional funds is being submitted. A request has been submitted to ASC X12 to add a code for "Request for Additional Funds." If approved, this code will be available for use in the ASC X12 Version/Release that is issued in January 1996. In the meantime, use this code.*<br>DG Response<br>A reply to an inquiry<br>*Use to indicate a response to a draft modification is being transmitted.* | **O** | **ID** | **2/2** |

RQ Request

*Use to indicate a contractor initiated change request.*

**Segment:** **CUR** Currency
**Position:** 040
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** 1
**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction.
**Notes:** 1. Use this segment to identify the foreign currency in which the award instrument or modification is issued and the currency in which payment is to be made.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 If CUR08 is present, then CUR07 is required.
2 If CUR09 is present, then CUR07 is required.
3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4 If CUR11 is present, then CUR10 is required.
5 If CUR12 is present, then CUR10 is required.
6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7 If CUR14 is present, then CUR13 is required.
8 If CUR15 is present, then CUR13 is required.
9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10 If CUR17 is present, then CUR16 is required.
11 If CUR18 is present, then CUR16 is required.
12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13 If CUR20 is present, then CUR19 is required.
14 If CUR21 is present, then CUR19 is required.

Semantic Notes:
**Comments:** 1 See Figures Appendix for examples detailing the use of the CUR segment.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | CUR01 | 98 | **Entity Identifier Code**<br>Code identifying an organizational entity, a physical location, or an individual<br>BY Buying Party (Purchaser) | M ID 2/2 |
| >> | CUR02 | 100 | **Currency Code**<br>Code (Standard ISO) for country in whose currency the charges are specified.<br>*Use to identify the currency in which the award instrument or modification is issued if other than U.S. dollars.* | M ID 3/3 |
| X | CUR03 | 280 | **Exchange Rate**<br>Value to be used as a multiplier conversion factor to convert monetary value from one currency to another. | O R 4/6 |
| | CUR04 | 98 | **Entity Identifier Code**<br>Code identifying an organizational entity, a physical location, or an individual<br>PR Payer | O ID 2/2 |
| | CUR05 | 100 | **Currency Code**<br>Code (Standard ISO) for country in whose currency the charges are specified. | O ID 3/3 |

*Use to identify the currency in which payment will be made if other than U.S. dollars.*

| | | | | | | |
|---|---|---|---|---|---|---|
| X | CUR06 | 669 | **Currency Market/Exchange Code**<br>Code identifying the market upon which the currency exchange rate is based.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 3/3 |
| X | CUR07 | 374 | **Date/Time Qualifier**<br>Code specifying type of date or time, or both date and time. | X | ID | 3/3 |
| X | CUR08 | 373 | **Date**<br>Date (YYMMDD). | O | DT | 6/6 |
| X | CUR09 | 337 | **Time**<br>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) | O | TM | 4/8 |
| X | CUR10 | 374 | **Date/Time Qualifier**<br>Code specifying type of date or time, or both date and time.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 3/3 |
| X | CUR11 | 373 | **Date**<br>Date (YYMMDD). | X | DT | 6/6 |
| X | CUR12 | 337 | **Time**<br>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) | X | TM | 4/8 |
| X | CUR13 | 374 | **Date/Time Qualifier**<br>Code specifying type of date or time, or both date and time.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 3/3 |
| X | CUR14 | 373 | **Date**<br>Date (YYMMDD). | X | DT | 6/6 |
| X | CUR15 | 337 | **Time**<br>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) | X | TM | 4/8 |
| X | CUR16 | 374 | **Date/Time Qualifier**<br>Code specifying type of date or time, or both date and time.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 3/3 |
| X | CUR17 | 373 | **Date**<br>Date (YYMMDD). | X | DT | 6/6 |
| X | CUR18 | 337 | **Time**<br>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) | X | TM | 4/8 |
| X | CUR19 | 374 | **Date/Time Qualifier**<br>Code specifying type of date or time, or both date and time.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 3/3 |
| X | CUR20 | 373 | **Date**<br>Date (YYMMDD). | X | DT | 6/6 |
| X | CUR21 | 337 | **Time**<br>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), | X | TM | 4/8 |

S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

**Segment:** **REF** **Reference Numbers**
**Position:** 050
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** >1
**Purpose:** To specify identifying numbers.
**Notes:** 1. Use this 1/REF/050 segment to identify reference numbers that apply to all the line items. If reference numbers vary by line item, use the 2/REF/100 segment.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

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

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | REF01 | 128 | **Reference Number Qualifier**<br>Code qualifying the Reference Number. | M ID 2/2 |
| | | | 2Y Wage Determination<br>*Use to indicate a Department of Labor Wage Determination number.* | |
| | | | 73 Statement of Work (SOW)<br>Description of a product or service to be procured under a contract; statement of requirements<br>*If a SOW is part of the modification or procurement instrument, the PWK segment can be used to indicate how the SOW is being provided.* | |
| | | | 97 Package Number<br>A serial number indicating unit shipped | |
| | | | AH Agreement Number<br>*Use to indicate a Union Agreement.* | |
| | | | CR Customer Reference Number<br>*Use to indicate the internal number the contractor assigned to the buying party.* | |
| | | | DG Drawing Number | |
| | | | DS Defense Priorities Allocation System (DPAS) Priority Rating | |
| | | | IJ Standard Industry Classification (SIC) Code<br>*Use to indicate the Standard Industrial Classification (SIC) Code applicable to the modification.* | |
| | | | IQ End Item<br>*When BCA15 is code RQ, use to indicate the end item to which a requested change applies.* | |
| | | | K4 Criticality Designator<br>A number assigned to a contract or order that expresses the relative importance of that contract or order and | |

thereby assists the contractor in making performance decisions and assists in making production surveillance decisions
*Use to indicate the surveillance criticality designator applicable to the modification or award instrument.*

| | |
|---|---|
| K6 | Purchase Description |
| LT | Lot Number |
| NI | Military Standard (MIL-STD) Number |
| NJ | Technical Document Number |
| NL | Technical Order Number |
| P4 | Project Code<br>*Use to indicate the project number applicable to the modification or award instrument.* |
| PR | Price Quote Number<br>*Use to indicate the contractor's bid, quote or proposal number.* |
| QC | Product Specification Document Number<br>Model designation of replacement component |
| S2 | Military Specification Number (MILSPEC) |
| S3 | Specification Number<br>*Use to specify a specification number other than an MIL-SPEC. When used, identify the specification in REF03.* |
| TN | Transaction Reference Number<br>*Use to indicate the unique reference number of a related transaction set.* |
| TP | Test Specification Number |
| VW | Standard<br>*Use to indicate a standard other than a MIL-STD. When used, identify the standard in REF03.* |
| ZZ | Mutually Defined<br>*Use to indicate another type of reference number. When used, identify the nature of the number in REF03.* |

**REF02** **127** **Reference Number** **X** **AN** **1/30**
Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.
*If a document has a revision or extension, the document number and the revision or extension number should be concatenated and cited in this data element.*

**REF03** **352** **Description** **X** **AN** **1/80**
A free-form description to clarify the related data elements and their content.
*1. Use, if necessary, to carry additional information applicable to a reference number cited in REF02.*

*2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*

**Segment:** **FOB** **F.O.B. Related Instructions**
**Position:** 080
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** >1
**Purpose:** To specify transportation instructions relating to shipment
**Notes:** 1. Use this 1/FOB/080 segment if the FOB point and the acceptance location apply to all of the line items. When the FOB point and/or acceptance location varies by line item, use the 2/FOB/180 segment.

2. This segment is not used when the procurement instrument or modification is for a service without deliverables or construction.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 If FOB03 is present, then FOB02 is required.
2 If FOB04 is present, then FOB05 is required.
3 If FOB07 is present, then FOB06 is required.
4 If FOB08 is present, then FOB09 is required.

**Semantic Notes:**
1 FOB01 indicates which party will pay the carrier.
2 FOB02 is the code specifying transportation responsibility location.
3 FOB06 is the code specifying the title passage location.
4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

**Comments:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | **FOB01** | **146** | **Shipment Method of Payment**<br>Code identifying payment terms for transportation charges.<br>BP Paid by Buyer<br>The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)<br>*Use to indicate a Government Bill of Lading (GBL) will be issued.*<br>PE Prepaid and Summary Bill<br>*Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.*<br>PP Prepaid (by Seller)<br>*Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on this instrument's invoice.*<br>PS Paid by Seller<br>The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location) | **M ID 2/2** |

*Use to indicate transportation charges are included in the unit price.*

| | | | | | | |
|---|---|---|---|---|---|---|
| | **FOB02** | 309 | **Location Qualifier** | **X** | **ID** | **1/2** |

Code identifying type of location.

*Use to identify the FOB point.*

| | |
|---|---|
| DE | Destination (Shipping) |
| FV | Free Alongside Vessel (Free On Board [F.O.B.] Point) |
| IT | Intermediate FOB Point<br>A location indicating the point of destination is not the origin or final destination but rather at some other point<br>*Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC in N101.* |
| KE | Port of Embarkation<br>*Use to indicate that the FOB Point is an overseas port of embarkation, either aerial or water, for delivery of government furnished completed end items. Provide the address in the N1 loop, citing code KX in N101.* |
| KL | Port of Loading<br>*Use to indicate that the FOB Point is a port of loading. Provide the address in the N1 loop, citing code KX in N101.* |
| KP | Government Furnished Property FOB Point<br>*Use to indicate that the FOB point is for delivery of Government Furnished Property. Provide the address in the N1 loop, citing code KX in N101.* |
| OR | Origin (Shipping Point) |
| ZZ | Mutually Defined<br>*Use to indicate another FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.* |

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **FOB03** | 352 | **Description** | **O** | **AN** | **1/80** |

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

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **FOB04** | 334 | **Transportation Terms Qualifier Code** | **O** | **ID** | **2/2** |

Code identifying the source of the transportation terms.

Refer to 003050 Data Element Dictionary for acceptable code values.

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **FOB05** | 335 | **Transportation Terms Code** | **X** | **ID** | **3/3** |

Code identifying the trade terms which apply to the shipment transportation responsibility.

Refer to 003050 Data Element Dictionary for acceptable code values.

| | | | | | | |
|---|---|---|---|---|---|---|
| | **FOB06** | 309 | **Location Qualifier** | **X** | **ID** | **1/2** |

Code identifying type of location.

*Use to identify the acceptance point. This code also identifies the inspection location unless N101 in the 1/N1/300 loop is code L1.*

| | |
|---|---|
| DE | Destination (Shipping) |
| OR | Origin (Shipping Point) |
| ZZ | Mutually Defined<br>*Use to indicate the acceptance point is neither at origin nor at destination. Provide the acceptance point address in the N1 loop, citing code KZ in N101; provide the inspection point in another iteration of the* |

*N1 loop, citing code L1 in N101.*

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **FOB07** | **352** | **Description**<br>A free-form description to clarify the related data elements and their content. | **O** | **AN** | **1/80** |
| X | **FOB08** | **54** | **Risk of Loss Qualifier**<br>Code specifying where responsibility for risk of loss passes.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/2** |
| X | **FOB09** | **352** | **Description**<br>A free-form description to clarify the related data elements and their content. | **X** | **AN** | **1/80** |

**Segment:** **SAC** **Service, Promotion, Allowance, or Charge Information**
**Position:** 120
**Loop:** SAC
**Level:** Heading
**Usage:** Optional
**Max Use:** 1
**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
**Notes:** 1. Use this 1/SAC/120 segment to identify services, or non-CLIN charges and, if applicable, quantities, applicable to all of the line items. If the services, or non-CLIN charges vary by line item, use the 2/SAC/130 segment.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 At least one of SAC02 or SAC03 is required.
2 If either SAC03 or SAC04 is present, then the other is required.
3 If either SAC06 or SAC07 is present, then the other is required.
4 If either SAC09 or SAC10 is present, then the other is required.
5 If SAC11 is present, then SAC10 is required.
6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7 If SAC14 is present, then SAC13 is required.

**Semantic Notes:**
1 If SAC01 is A or C, then at least one of SAC05, SAC07, or SAC08 is required.
2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3 SAC08 is the allowance or charge rate per unit.
4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

**Comments:**
1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a ``Dollar Basis Amount.'' It is represented in the SAC segment in SAC10 using the qualifier DO - Dollars in SAC09.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | SAC01 | 248 | **Allowance or Charge Indicator**<br>Code which indicates an allowance or charge for the service specified.<br>A Allowance<br>C Charge<br>N No Allowance or Charge<br>*Use to indicate there is no charge for the service* | **M ID 1/1** |

*specified.*

| | | | | | | |
|---|---|---|---|---|---|---|
| | **SAC02** | **1300** | **Service, Promotion, Allowance, or Charge Code** | **X** | **ID** | **4/4** |

Code identifying the service, promotion, allowance, or charge

*Any code may be used but the listed codes are preferred.*

*A880 Cancellation Charge*
*Use to indicate the cancellation ceiling amount for a multi-year award.*
*B180 Cleaning Charge*
*B610 Container Service Charge USA/Canada*
*Use to indicate a reusable container.*
*B870 Customs Charge*
*C240 Disconnect Charge*
*C330 Distribution Fee*
*C370 Diversion Charge*
*C880 Expediting Premium*
*D500 Handling*
*D530 Hazardous Cargo Charge*
*D660 Hook-up charge*
*D820 Inside Delivery*
*D870 Inspection*
*D890 Installation and Training*
*D900 Installation*
*E340 Less Than Truckload (LTL) Charge*
*Use to indicate a charge for a less than carload or truckload.*
*E400 Loading (Labor Charges)*
*F150 Packaging Service*
*F460 Postage*
*F560 Premium Transportation*
*F830 Proof of Delivery*
*Use to indicate a charge for preparation of a DD Form 250.*
*G030 Reconnect charge*
*G350 Rents and Leases*
*G470 Restocking Charge*
*G530 Rework*
*G580 Royalties*
*G660 Scrap Allowance*
*G740 Service Charge*
*G760 Set-up*
*H170 Special Tooling Charge*
*H430 Storage*
*H540 Supplemental Items*
*Use to indicate Contractor Acquired Parts (CAP).*
*H550 Surcharge*
*H990 Testing Services Charge*
*I260 Transportation Direct Billing*
*I380 Unloading (Labor Charges)*
*I590 Warranties*

Refer to 003050 Data Element Dictionary for acceptable code values.

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **SAC03** | **559** | **Agency Qualifier Code** | **X** | **ID** | **2/2** |

Code identifying the agency assigning the code values.

Refer to 003050 Data Element Dictionary for acceptable code values.

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **SAC04** | **1301** | **Agency Service, Promotion, Allowance, or Charge Code** | **X** | **AN** | **1/10** |

Agency maintained code identifying the service, promotion, allowance, or charge

| | | | | | | |
|---|---|---|---|---|---|---|
| | SAC05 | 610 | **Amount**<br>Monetary amount. | O | N2 | 1/15 |
| | SAC06 | 378 | **Allowance/ Charge Percent Qualifier**<br>Code indicating on what basis allowance or charge percent is calculated.<br>*Use any code.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 1/1 |
| | SAC07 | 332 | **Percent**<br>Percent expressed as a percent<br>*Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).* | X | R | 1/6 |
| | SAC08 | 118 | **Rate**<br>Rate expressed in the standard monetary denomination for the currency specified | O | R | 1/9 |
| | SAC09 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken<br>*An application program conversion table may be required to convert agency codes to X12 codes.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 2/2 |
| | SAC10 | 380 | **Quantity**<br>Numeric value of quantity.<br>*If applicable, use to identify the quantity to which the amount in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.* | X | R | 1/15 |
| | SAC11 | 380 | **Quantity**<br>Numeric value of quantity. | O | R | 1/15 |
| X | SAC12 | 331 | **Allowance or Charge Method of Handling Code**<br>Code indicating method of handling for an allowance or charge.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | SAC13 | 127 | **Reference Number**<br>Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. | X | AN | 1/30 |
| X | SAC14 | 770 | **Option Number**<br>A unique number identifying available promotion or allowance options when more than one is offered. | O | AN | 1/20 |
| X | SAC15 | 352 | **Description**<br>A free-form description to clarify the related data elements and their content. | O | AN | 1/80 |

**Segment:** **ITD** **Terms of Sale/Deferred Terms of Sale**
**Position:** 130
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** 5
**Purpose:** To specify terms of sale.
**Notes:** 1. Use this segment to identify discounts applicable to the entire procurement instrument.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.

**Semantic Notes:**
1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.

**Comments:**
1 If the code in ITD01 is 04, then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is 05, then ITD06 or ITD07 is required.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| X | ITD01 | 336 | **Terms Type Code**<br>Code identifying type of payment terms.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | ITD02 | 333 | **Terms Basis Date Code**<br>Code identifying the beginning of the terms period.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 1/2 |
| | ITD03 | 338 | **Terms Discount Percent**<br>Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date.<br>*Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).* | O | R | 1/6 |
| X | ITD04 | 370 | **Terms Discount Due Date**<br>Date payment is due if discount is to be earned. | X | DT | 6/6 |
| | ITD05 | 351 | **Terms Discount Days Due**<br>Number of days in the terms discount period by which payment is due if terms discount is earned. | X | N0 | 1/3 |
| X | ITD06 | 446 | **Terms Net Due Date**<br>Date when total invoice amount becomes due. | O | DT | 6/6 |
| X | ITD07 | 386 | **Terms Net Days**<br>Number of days until total invoice amount is due (discount not applicable). | O | N0 | 1/3 |
| X | ITD08 | 362 | **Terms Discount Amount**<br>Total amount of terms discount. | O | N2 | 1/10 |
| X | ITD09 | 388 | **Terms Deferred Due Date**<br>Date deferred payment or percent of invoice payable is due. | O | DT | 6/6 |
| X | ITD10 | 389 | **Deferred Amount Due**<br>Deferred amount due for payment. | X | N2 | 1/10 |

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **ITD11** | **342** | **Percent of Invoice Payable**<br>Amount of invoice payable expressed in percent. | **X** | **R** | **1/5** |
| X | **ITD12** | **352** | **Description**<br>A free-form description to clarify the related data elements and their content. | **O** | **AN** | **1/80** |
| X | **ITD13** | **765** | **Day of Month**<br>The numeric value of the day of the month between 1 and the maximum day of the month being referenced. | **X** | **N0** | **1/2** |
| X | **ITD14** | **107** | **Payment Method Code**<br>Code identifying type of payment procedures.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **1/1** |
| X | **ITD15** | **954** | **Percent**<br>Percentage expressed as a decimal. | **O** | **R** | **1/10** |

**Segment:** **DIS** **Discount Detail**
**Position:** 140
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** 20
**Purpose:** To specify the exact type and terms of various discount information.
**Notes:** 1. Use this 1/DIS/140 segment to identify volume discounts that apply to all of the line items or to the entire order that are based on the dollar value purchased. Use the 2/DIS/160 segment if the discount varies by line item.

2. Use the 1/N9/280 segment, with N901 citing code L1, and the 1/MSG/290 segment to specify other volume or promotional discounts that apply to all of the line items or the entire order.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
**Semantic Notes:** 1 DIS05 is the minimum for application of the discount.
2 DIS06 is the maximum for application of the discount.
**Comments:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | **DIS01** | **653** | **Discount Terms Type Code**<br>Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **M** | **ID** | **3/3** |
| >> | **DIS02** | **654** | **Discount Base Qualifier**<br>Code to define unit of discount, i.e., dollars, cases, alternate products, etc.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **M** | **ID** | **2/2** |
| >> | **DIS03** | **655** | **Discount Base Value**<br>A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount. | **M** | **R** | **1/10** |
| >> | **DIS04** | **656** | **Discount Control Limit Qualifier**<br>Code to define the units of the limits for determining discount.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **M** | **ID** | **2/3** |
| >> | **DIS05** | **657** | **Discount Control Limit**<br>Amount or time associated with application of the discount. | **M** | **N0** | **1/10** |
| | **DIS06** | **657** | **Discount Control Limit**<br>Amount or time associated with application of the discount. | **O** | **N0** | **1/10** |

**Segment:** **DTM** **Date/Time Reference**
**Position:** 150
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** 10
**Purpose:** To specify pertinent dates and times.
**Notes:** 1. Use this 1/DTM/150 segment to identify dates that apply to all of the line items. When the dates vary by line item, use the 2/DTM/200 segment.

2. This segment can be used to provide a required delivery date when it is expressed as an actual date. If the delivery schedule is expressed as a set time period after the occurrence of some event, use the 1/LDT/160 segment.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:** 1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.

**Semantic Notes:**
**Comments:**

**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. | | |
| | | | 017 | Estimated Delivery | |
| | | | 063 | Do Not Deliver After | |
| | | | | *Use to indicate that deliveries cannot be made after a specified date and/or time.* | |
| | | | 064 | Do Not Deliver Before | |
| | | | | *Use to indicate that deliveries cannot be made before a specified date and/or time.* | |
| | | | 065 | 1st Schedule Delivery | |
| | | | 066 | 1st Schedule Ship | |
| | | | 069 | Promised for Delivery | |
| | | | | *Use to indicate the exact date the contractor proposes to make delivery.* | |
| | | | 075 | Promised for Delivery (Prior to and Including) | |
| | | | | *Use to indicate the date on or before which the contractor proposes to make delivery.* | |
| | | | 078 | Promised for Delivery (Week of) | |
| | | | | *When this code is used, cite the beginning day of the week.* | |
| | | | 093 | Contract Expiration | |
| | | | | *Use to indicate the expiration date for a requirements or indefinite quantity type procurement instrument.* | |
| | | | 174 | Month Ending | |
| | | | | *Use to indicate a delivery requirement on the last day* | |

*of the specified month.*

193 Period Start

*Use to indicate the start of a period of performance.*

194 Period End

*Use to indicate the end of a period of performance.*

227 Lease Term Start

228 Lease Term End

276 Contract Start

The start date for a contract

*Use to indicate the commencement date of an Agreement or an IDC award instrument.*

279 Contract Completion

The finish date for a contract

*Use to indicate the completion date of an Agreement or an IDC award instrument.*

368 Submittal

Date an item was submitted to a customer

*When REF01 is code TN, use to indicate the date of a related transaction set.*

375 Delivery Start

The date that deliveries will begin

*Use to indicate the start date for deliveries when the total quantity is to be delivered during a specified time period.*

376 Delivery End

The date that deliveries will end

*Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.*

800 Midpoint of Performance

*Use to indicate the date when half the effort in terms of dollars or hours will be completed.*

937 Department of Labor Wage Determination Date

*Use to indicate the date of a Department of Labor Wage Determination.*

**DTM02 373 Date** **X DT 6/6**

Date (YYMMDD).

**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)

*If applicable, use to identify the time for a delivery. Specify the time only in HHMM format.*

**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.

*Use only when DTM03 is used to express a time.*

CT Central Time

| | | | | | | |
|---|---|---|---|---|---|---|
| | | ET | Eastern Time | | | |
| | | GM | Greenwich Mean Time | | | |
| | | LT | Local Time | | | |
| | | MT | Mountain Time | | | |
| | | PT | Pacific Time | | | |
| **DTM05** | **624** | **Century** | | **O** | **N0** | **2/2** |
| | | The first two characters in the designation of the year (CCYY). | | | | |
| **DTM06** | **1250** | **Date Time Period Format Qualifier** | | **X** | **ID** | **2/3** |
| | | Code indicating the date format, time format, or date and time format. | | | | |
| | | *1. Use any code.* | | | | |
| | | *2. Use to qualify a date when necessary to express the date in other than YYMMDD format. Use also, to qualify a range of dates or times.* | | | | |
| | | Refer to 003050 Data Element Dictionary for acceptable code values. | | | | |
| **DTM07** | **1251** | **Date Time Period** | | **X** | **AN** | **1/35** |
| | | Expression of a date, a time, or range of dates, times or dates and times. | | | | |
| | | *Use to identify a time range for deliveries on a specified date, e.g., use code RTM in DTM06 to qualify a delivery time range for March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.* | | | | |

**Segment:** **LDT** **Lead Time**
**Position:** 160
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** 12
**Purpose:** To specify lead time for availability of products and services.
**Notes:** 1. Use this 1/LDT/160 segment if the delivery schedule applies to all of the line items and there will be only one delivery of the total quantity. If the delivery schedule varies by line item or more than one delivery will be required for the total quantity, use the 2/LDT/335 loop. If the line item delivery schedule differs by ship-to addressee, use the 2/LDT/485 loop.

2. Use this segment when the delivery schedule is expressed as a set time period after the occurrence of some event. The previous DTM segment is used when the required delivery date is an actual date.

3. This segment can also be used to specify when the midpoint of the proposed effort will be reached.

4. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

5. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
**Semantic Notes:** 1 LDT04 is the effective date of lead time information.
**Comments:** 1 LDT02 is the quantity of Unit of Time Periods.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | **LDT01** | **345** | **Lead Time Code**<br>Code indicating the time range.<br>AA From date of PO receipt to sample ready.<br>AD From date of sample approval to first product shipment.<br>AE From date of PO receipt to shipment.<br>AF From date of PO receipt to delivery.<br>AP From Date of Award to Midpoint of Effort<br>AV From Date of Award to Date of Latest Delivery<br>AW From Date of Award to Date of Earliest Delivery<br>AX From Date of Award to Date of Completion<br>AY From Date of Award to Date of Delivery<br>AZ From Date of Receipt of Item to Date of Approval of Item | **M** | **ID** | **2/2** |
| >> | **LDT02** | **380** | **Quantity**<br>Numeric value of quantity. | **M** | **R** | **1/15** |
| >> | **LDT03** | **344** | **Unit of Time Period or Interval**<br>Code indicating the time period or interval<br>CY Calendar Year<br>DA Calendar Days | **M** | **ID** | **2/2** |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | KK | Maximum Calendar Days<br>*Use to indicate a flexible time period, e.g., X number of days or less.* | | |
| | | | MO | Month | | |
| | | | QY | Quarter of a Year | | |
| | | | SA | Semiannual | | |
| | | | WK | Weeks | | |
| **LDT04** | **373** | **Date**<br>Date (YYMMDD).<br>*Use to cite a date relevant to the lead time, For example, the start date of the cited activity.* | | | **O** | **DT** 6/6 |

**Segment:** **PID** **Product/Item Description**
**Position:** 190
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** 200
**Purpose:** To describe a product or process in coded or free-form format
**Notes:** When BCA15 is code RQ, if necessary, use to describe the requested change.
**Syntax Notes:**
1 If PID04 is present, then PID03 is required.
2 At least one of PID04 or PID05 is required.
3 If PID07 is present, then PID03 is required.
4 If PID08 is present, then PID03 is required.
**Semantic Notes:**
1 Use PID03 to indicate the organization that publishes the code list being referred to.
2 PID04 should be used for industry-specific product description codes.
3 PID08 describes the physical characteristics of the product identified in PID04. A ``Y'' indicates that the specified attribute applies to this item. A ``N'' indicates it does not apply. Any other value is indeterminate.
**Comments:**
1 If PID01 = ``F'', then PID05 is used. If PID01 = ``S'', then PID04 is used. If PID01 = ``X'', then both PID04 and PID05 are used.
2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3 PID07 specifies the individual code list of the agency specified in PID03.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | PID01 | 349 | **Item Description Type**<br>Code indicating the format of a description.<br>F Free-form<br>S Structured (From Industry Code List)<br>X Semi-structured (Code and Text) | M | ID | 1/1 |
| | PID02 | 750 | **Product/Process Characteristic Code**<br>Code identifying the general class of a product or process characteristic<br>*Use any code.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/3 |
| | PID03 | 559 | **Agency Qualifier Code**<br>Code identifying the agency assigning the code values.<br>*Use any code.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 2/2 |
| | PID04 | 751 | **Product Description Code**<br>A code from an industry code list which provides specific data about a product characteristic. | X | AN | 1/12 |
| | PID05 | 352 | **Description**<br>A free-form description to clarify the related data elements and their content.<br>*Use of free form text is discouraged if the information can be provided by some other means within the transaction set.* | X | AN | 1/80 |
| X | PID06 | 752 | **Surface/Layer/Position Code**<br>Code indicating the product surface, layer or position that is being described.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | PID07 | 822 | **Source Subqualifier**<br>A reference that indicates the table or text maintained by the Source Qualifier. | O | AN | 1/15 |

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **PID08** | **1073** | **Yes/No Condition or Response Code**<br>Code indicating a Yes or No condition or response.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **1/1** |

**Segment:** **MEA** **Measurements**
**Position:** 200
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** 40
**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001.)
**Notes:** 1. Use this 1/MEA/200 segment to provide information that applies to all of the line items. If the information varies by line item, use the 2/MEA/049 segment.

2. This segment can be used to specify the variations in quantity permitted; and for requirements or an indefinite quantity type procurement instruments, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, and the minimum and maximum obligations of the government and contractor.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
2 If MEA05 is present, then MEA04 is required.
3 If MEA06 is present, then MEA04 is required.
4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:**
1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:**
1 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.

**Data Element Summary**

| Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|
| **MEA01** | **737** | **Measurement Reference ID Code**<br>Code identifying the broad category to which a measurement applies<br>*Use any code.*<br><br>*BT Batch Limits*<br>*Use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under a requirements or indefinite quantity type award instrument, a task order or a delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and the maximum.*<br><br>*CT Counts*<br>*Use to indicate variations in quantity when expressed as a discrete quantity. Specify the quantity under and/or over in MEA05/06.*<br><br>*DE Defects*<br>*Use to indicate a warranty period.*<br><br>*LT Lot Limits* | **O ID 2/2** |

*Use to indicate the minimum and maximum limits of the contractor's obligation either in terms of dollars or quantity to deliver under a requirements or indefinite quantity type award instrument. Do not use for a purchase order or a delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and the maximum.*

*OL Order Limits*
*Use to indicate the maximum that the government may order from a requirements, or indefinite quantity award instrument in a specified time period. Do not use for a purchase order or a delivery order. Use MEA03 to identify the quantity, MEA04-C00101 to identify the unit of measure, and MEA04-C00104 to identify the time period.*

*PM Permitted*
*Use to indicate the minimum or maximum quantity or dollars permitted per order against a requirements or an indefinite quantity type award instrument. Do not use for a purchase order or a delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and the maximum.*

Refer to 003050 Data Element Dictionary for acceptable code values.

**MEA02** **738** **Measurement Qualifier** **O ID 1/3**
Code identifying a specific product or process characteristic to which a measurement applies
*Use any code.*

*MX Maximum*
*When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified period of time.*

*PO Percent of Order (-, +)*
*Use to indicate the variation in quantity permitted when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.*

*RY Ratio*
*When BCH12 in the 860 transaction set is code CA, CB, CH, FB, FC, FF, or FG, use to indicate the proposed Government and contractor share ratio. Identify the Government share in MEA05 and the contractor share in MEA06.*

*TT Time*
*Use to indicate the length of a warranty period. Specify the length of time in MEA03 and the time period in MEA04-C00101.*
Refer to 003050 Data Element Dictionary for acceptable code values.

**MEA03** **739** **Measurement Value** **X R 1/20**
The value of the measurement.

**MEA04** **C001** **Composite Unit of Measure** **X**
To identify a composite unit of measure (See Figures Appendix for examples of use.)
*1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a requirements or indefinite quantity type procurement instrument.*

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | *2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite code MX, MEA03 would cite 10,000, MEA04-C00101 would cite code EA, and MEA04-C00104 would cite code Q1.* | | | |
| >> | C00101 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken<br>*1. Use any code.*<br><br>*2. An application program conversion table may be required to convert agency codes to X12 codes.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | M | ID | 2/2 |
| X | C00102 | 1018 | **Exponent**<br>Power to which a unit is raised. | O | R | 1/15 |
| X | C00103 | 649 | **Multiplier**<br>Value to be used as a multiplier to obtain a new value. | O | R | 1/10 |
| | C00104 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken.<br>*1. Use any code.*<br><br>*2. An application program conversion table may be required to convert agency codes to X12 codes.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | C00105 | 1018 | **Exponent**<br>Power to which a unit is raised. | O | R | 1/15 |
| X | C00106 | 649 | **Multiplier**<br>Value to be used as a multiplier to obtain a new value. | O | R | 1/10 |
| X | C00107 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | C00108 | 1018 | **Exponent**<br>Power to which a unit is raised. | O | R | 1/15 |
| X | C00109 | 649 | **Multiplier**<br>Value to be used as a multiplier to obtain a new value. | O | R | 1/10 |
| X | C00110 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | C00111 | 1018 | **Exponent**<br>Power to which a unit is raised. | O | R | 1/15 |
| X | C00112 | 649 | **Multiplier**<br>Value to be used as a multiplier to obtain a new value. | O | R | 1/10 |
| X | C00113 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | C00114 | 1018 | **Exponent**<br>Power to which a unit is raised. | O | R | 1/15 |
| X | C00115 | 649 | **Multiplier**<br>Value to be used as a multiplier to obtain a new value. | O | R | 1/10 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **MEA05** | **740** | **Range Minimum**<br>The value specifying the minimum of the measurement range.<br>*1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity under.*<br>*2. When MEA01 is code BT, LT, or PM, use to specify the minimum amount or quantity.*<br>*3. When MEA02 is RY, use to specify the proposed Government share.*<br>*4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).* | **X** | **R** | **1/20** |
| | **MEA06** | **741** | **Range Maximum**<br>The value specifying the maximum of the measurement range.<br>*1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity over.*<br>*2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity.*<br>*3. When MEA02 is RY, use to specify the proposed contractor share.*<br>*4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).* | **X** | **R** | **1/20** |
| X | **MEA07** | **935** | **Measurement Significance Code**<br>Code used to benchmark, qualify or further define a measurement value.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/2** |
| X | **MEA08** | **936** | **Measurement Attribute Code**<br>Code used to express an attribute response when a numeric measurement value cannot be determined.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/2** |
| X | **MEA09** | **752** | **Surface/Layer/Position Code**<br>Code indicating the product surface, layer or position that is being described.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/2** |
| X | **MEA10** | **1373** | **Measurement Method or Device**<br>The method or device used to record the measurement.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/4** |

**Segment:** **PWK** **Paperwork**
**Position:** 210
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** 25
**Purpose:** To identify the type and transmission of paperwork or supporting information.
**Notes:** 1. Use the 1/PWK/210 segment when the paperwork information applies to all the line items. Use the 2/PWK/070 segment if the information varies by line item.

2. Use this segment to identify paperwork required to pass between the buyer and the seller and how that paperwork is to be transmitted.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:** 1 If either PWK05 or PWK06 is present, then the other is required.
**Semantic Notes:**
**Comments:** 1 PWK05 and PWK06 may be used to identify the addressee by a code number.
2 PWK07 may be used to indicate special information to be shown on the specified report.
3 PWK08 may be used to indicate action pertaining to a report.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | **PWK01** | 755 | **Report Type Code**<br>Code indicating the title or contents of a document, report or supporting item.<br>*Use to identify the type of paper work that the contractor is providing or must provide.* | **M ID 2/2** |

| | |
|---|---|
| 25 | Purchase Plan<br>*Use to indicate a make or buy plan.* |
| 35 | Subcontractor Plan |
| AE | Attachment<br>*Use to indicate some additional document, e.g., list of government furnished property, related to the procurement instrument or modification is being sent by means other than within the transaction set. Specify the nature of the document in PWK07.* |
| C1 | Cost Data Summary<br>*Use to indicate non-certified cost and price data.* |
| C5 | Certified Cost and Price Data |
| C6 | Wage Determination<br>*When used, identify the Wage Determination number in the 1/REF/050 segment using code 2Y in REF01.* |
| CP | Certificate of Compliance (Material Certification)<br>*Use to indicate a Certificate of Conformance.* |
| CX | Cost/Schedule Status Report (C/SSR)<br>Contract status report showing budget, performance, actual, cost variance, schedule variance, budget at |

| | | | | |
|---|---|---|---|---|
| | | | | complete, estimate at complete, and variance at complete at specified levels of the work breakdown structure. |
| | | | CY | Contract Funds Status Report (CFSR)<br>Status report for funds appropriation including commitments, actual cost, forecast of billings, and estimated termination costs. |
| | | | DW | Drawing(s) |
| | | | F1 | Cost Performance Report (CPR) Format 1.<br>Detailed contract status report including current reporting month values at specified levels of the work breakdown structure. |
| | | | F2 | Cost Performance Report (CPR) Format 2.<br>Detailed contract status report at specified levels of the organization breakdown structure. |
| | | | F3 | Cost Performance Report (CPR) Format 3.<br>Contract baseline report that summarizes changes to the contract over a given reporting period with beginning and ending values. |
| | | | F4 | Cost Performance Report (CPR) Format 4.<br>Contract resource summary report that forecasts labor requirements for the remainder of a contract. |
| | | | F5 | Cost Performance Report (CPR) Format 5.<br>Contract summary or detail report explaining significant cost or schedule variances. |
| | | | IT | Certified Inspection and Test Results. |
| | | | MR | Material Inspection and Receiving Report. |
| | | | MS | Material Safety Data Sheet. |
| | | | PD | Proof of Delivery. |
| | | | PJ | Purchasing Specification.<br>Specifications, generated by a customer, setting acceptance limits on the properties or performance of the product being purchased; purchasing specifications may additionally supply instructions for packaging, transportation, delivery, and payments.<br>*Use to indicate a Statement of Work (SOW).* |
| | | | PP | Proposal. |
| | | | SD | Support Data for a Request for Quote.<br>*Use to indicate supporting technical documentation, e.g., specifications, drawings, engineering data list, bill of materials, etc., are being provided.* |
| | | | SN | Shipping Notice. |
| | | | UA | Union Agreement. |
| | | | US | "BUY AMERICA" Certification of Compliance. |
| **PWK02** | 756 | **Report Transmission Code** | | **O ID 1/2** |
| | | Code defining timing, transmission method or format by which reports are to be sent | | |
| | | | BE | By Mail and Electronically<br>*Use to indicate E-Mail.* |
| | | | BM | By Mail |
| | | | CF | Courier |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | EL | Electronically Only<br>*Use to indicate Electronic data Interchange (EDI).* | | | |
| | | | FX | By Fax | | | |
| | | | WS | With Shipment (With Package) | | | |
| | **PWK03** | **757** | **Report Copies Needed** | | **O** | **N0** | **1/2** |
| | | | The number of copies of a report that should be sent to the addressee. | | | | |
| | **PWK04** | **98** | **Entity Identifier Code** | | **O** | **ID** | **2/2** |
| | | | Code identifying an organizational entity, a physical location, or an individual<br>*Use to identify the recipient of the paperwork. If there is more than one recipient for the same paperwork item, use multiple repetitions of the PWK segment with the same report code in PWK01. Provide the address of the recipient in the 1/N1/300 segment and/or the recipient's communications number in the 1/PER/350 segment.* | | | | |
| | | | 7D | Contracting Officer Representative | | | |
| | | | 7N | Party to Receive Proposal | | | |
| | | | BY | Buying Party (Purchaser)<br>*Use to indicate the Contracting Officer.* | | | |
| | | | C4 | Contract Administration Office<br>Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area. | | | |
| | | | IS | Party to Receive Certified Inspection Report<br>*Use when PWK01 is code IT or MR.* | | | |
| | | | KF | Audit Office<br>The office performing the audit | | | |
| | | | KG | Project Manager<br>The address of the person responsible for the management of a designated project.<br>*Use to indicate the party responsible for a project to include the Advisor under a Grant.* | | | |
| | | | KY | Technical Office | | | |
| | | | PA | Party to Receive Inspection Report | | | |
| | | | PC | Party to Receive Cert. of Conformance (C.A.A.) | | | |
| | | | SM | Party to Receive Shipping Manifest | | | |
| | | | ZD | Party to Receive Reports<br>The organization designated to receive reports. | | | |
| **X** | **PWK05** | **66** | **Identification Code Qualifier** | | **X** | **ID** | **1/2** |
| | | | Code designating the system/method of code structure used for Identification Code (67). | | | | |
| **X** | **PWK06** | **67** | **Identification Code** | | **X** | **AN** | **2/20** |
| | | | Code identifying a party or other code. | | | | |
| | **PWK07** | **352** | **Description** | | **O** | **AN** | **1/80** |
| | | | A free-form description to clarify the related data elements and their content.<br>*1. Use only if necessary to provide additional information or instructions applicable to a specific paperwork item.*<br><br>*2. Use of free form text is discouraged if the information can be provided by* | | | | |

*some other means within the transaction set.*

| | | | | | | |
|---|---|---|---|---|---|---|
| | **PWK08** | **C002** | **Actions Indicated** | **O** | | |
| | | | Actions to be performed on the piece of paperwork identified. | | | |
| >> | C00201 | 704 | **Paperwork/Report Action Code** | **M** | **ID** | **1/2** |
| | | | Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required.<br>2 Report to be Filed<br>*When BCA15 is code DG, use to indicate the paperwork required to be provided by the contractor to which change is being requested.*<br>PV Provided<br>*When BCA15 is code RQ, use to indicate the paperwork the contractor is providing as part of his requested change.* | | | |
| X | C00202 | 704 | **Paperwork/Report Action Code** | **O** | **ID** | **1/2** |
| | | | Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. Refer to 003050 Data Element Dictionary for acceptable code values. | | | |
| X | C00203 | 704 | **Paperwork/Report Action Code** | **O** | **ID** | **1/2** |
| | | | Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. Refer to 003050 Data Element Dictionary for acceptable code values. | | | |
| X | C00204 | 704 | **Paperwork/Report Action Code** | **O** | **ID** | **1/2** |
| | | | Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. Refer to 003050 Data Element Dictionary for acceptable code values. | | | |
| X | C00205 | 704 | **Paperwork/Report Action Code** | **O** | **ID** | **1/2** |
| | | | Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. Refer to 003050 Data Element Dictionary for acceptable code values. | | | |

**Segment:** **PKG** **Marking, Packaging, Loading**
**Position:** 220
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** 25
**Purpose:** To describe marking, packaging, loading and unloading requirements.
**Notes:** 1. Use the 1/PKG/220 segment to identify packaging requirements that apply to all of the line items. If the packaging requirements apply to all of the line items to be delivered to a named entity, use the 1/PKG/410 segment. If packaging requirements vary by line item, use the 2/PKG/080 segment or the 2/PKG/480 segment if the packaging requirements are applicable to a named entity.

2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 At least one of PKG04 PKG05 or PKG06 is required.
2 If PKG04 is present, then PKG03 is required.
3 If PKG05 is present, then PKG01 is required.

**Semantic Notes:**
1 PKG04 should be used for industry-specific packaging description codes.

**Comments:**
1 Use MEA (Measurements) segment to define dimensions, tolerances weights, counts, physical restrictions, etc.
2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used.
3 Use PKG03 to indicate the organization that publishes the code list being referred to.
4 Special marking or tagging data can be given in PKG05 (Description).

**Data Element Summary**

| Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|
| **PKG01** | **349** | **Item Description Type**<br>Code indicating the format of a description.<br>F Free-form<br>S Structured (From Industry Code List)<br>X Semi-structured (Code and Text) | **X** | **ID** | **1/1** |
| **PKG02** | **753** | **Packaging Characteristic Code**<br>Code specifying the marking, packaging, loading and related characteristics being described.<br>*Use the listed codes to identify applicable packaging requirements.*<br>CD Cleaning or Drying Procedure<br>CT Cushioning Thickness<br>CUD Cushioning and Dunnage<br>HM Hazardous Material<br>IC Intermediate Container<br>LP Level Of Preservation | **O** | **ID** | **1/5** |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | OPI | Optional Procedure Indicator | | | |
| | | | PK | Packing<br>*When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is proposed, cite MIL-STD 2073-2C code X in PKG04.* | | | |
| | | | PM | Preservation Method | | | |
| | | | PML | Preservation Material | | | |
| | | | SMK | Special Marking | | | |
| | | | UC | Unit Container | | | |
| | | | UCL | Unit Container Level | | | |
| | | | WM | Wrapping Material | | | |
| | **PKG03** | **559** | **Agency Qualifier Code** | | **X** | **ID** | **2/2** |
| | | | Code identifying the agency assigning the code values. | | | | |
| | | | DF | Department of Defense (DoD) | | | |
| | | | GS | General Services Administration (GSA)<br>Responsible for Federal Specification | | | |
| | | | ZZ | Mutually Defined<br>*Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12. If approved, a code for Federal Government will be available in the ASC X12 Version/Release 3060.* | | | |
| | **PKG04** | **754** | **Packaging Description Code** | | **X** | **AN** | **1/7** |
| | | | A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product.<br>*The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD-2073-2C).* | | | | |
| | **PKG05** | **352** | **Description** | | **X** | **AN** | **1/80** |
| | | | A free-form description to clarify the related data elements and their content.<br>*1. When PKG04 carries a code indicating that the items will be packed differently than required in the procurement instrument or modification, explain in PKG05.*<br><br>*2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.* | | | | |
| X | **PKG06** | **400** | **Unit Load Option Code** | | **X** | **ID** | **2/2** |
| | | | Code identifying loading or unloading a shipment<br>Refer to 003050 Data Element Dictionary for acceptable code values. | | | | |

**Segment:** **TD5** **Carrier Details (Routing Sequence/Transit Time)**
**Position:** 240
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** 12
**Purpose:** To specify the carrier, sequence of routing and to provide transit time information
**Notes:** 1. Use the 1/TD5/240 segment to identify the transportation method that is applicable to all of the line items. If the transportation method applies to all of the line items to be delivered to a named entity, use the 1/TD5/380 segment. If the transportation method varies by line item, use the 2/TD5/240 segment or the 2/TD5/450 segment when the information is applicable to a named entity.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
2 If TD502 is present, then TD503 is required.
3 If TD507 is present, then TD508 is required.
4 If TD510 is present, then TD511 is required.

**Semantic Notes:**
**Comments:** 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement: use TD502 to identify the party responsible for defining the routing sequence; use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| X | TD501 | 133 | **Routing Sequence Code**<br>Code describing the relationship of a carrier to a specific shipment movement.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 1/2 |
| | TD502 | 66 | **Identification Code Qualifier**<br>Code designating the system/method of code structure used for Identification Code (67).<br>10 Department of Defense Activity Address Code (DODAAC)<br>*When TD504 is code PL, use to indicate the DoDAAC of the pipeline.* | X | ID | 1/2 |
| | TD503 | 67 | **Identification Code**<br>Code identifying a party or other code. | X | AN | 2/20 |
| | TD504 | 91 | **Transportation Method/Type Code**<br>Code specifying the method or type of transportation for the shipment.<br>*1. Use any code.*<br>*2. An application program conversion table may be required to convert agency codes to X12 codes.*<br>*D Parcel Post*<br>*Use to indicate the U.S. Postal Service and not a private carrier.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 1/2 |

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **TD505** | **387** | **Routing**<br>Free-form description of the routing or requested routing for shipment, or the originating carrier's identity. | **X** | **AN** | **1/35** |
| X | **TD506** | **368** | **Shipment/Order Status Code**<br>Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/2** |
| X | **TD507** | **309** | **Location Qualifier**<br>Code identifying type of location.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **1/2** |
| X | **TD508** | **310** | **Location Identifier**<br>Code which identifies a specific location. | **X** | **AN** | **1/30** |
| X | **TD509** | **731** | **Transit Direction Code**<br>The point of origin and point of direction.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/2** |
| X | **TD510** | **732** | **Transit Time Direction Qualifier**<br>Code specifying the value of time used to measure the transit time.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/2** |
| X | **TD511** | **733** | **Transit Time**<br>The numeric amount of transit time. | **X** | **R** | **1/4** |
| | **TD512** | **284** | **Service Level Code**<br>Code defining service<br>*Use any code.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/2** |

**Segment:** **TD4** **Carrier Details (Special Handling or Hazardous Materials or Both)**
**Position:** 260
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** 5
**Purpose:** To specify transportation special handling requirements or hazardous materials information or both
**Notes:** 1. Use this 1/TD4/260 segment to provide special handling or hazardous material information when it applies to all of the line items. Use the 1/TD4/400 segment when the special handling or hazardous material information applies to all of the line items applicable to a named entity. If this information varies by line item, use the 2/TD4/260 segment or the 2/TD4/470 segment if the information is applicable to a named entity.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:** 1 At least one of TD401 TD402 or TD404 is required.
2 If TD402 is present, then TD403 is required.

**Semantic Notes:**
**Comments:**

**Data Element Summary**

| Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|
| **TD401** | **152** | **Special Handling Code**<br>Code specifying special transportation handling instructions.<br>*Any code may be used but the listed codes are preferred.*<br><br>*AMM A.M. Delivery Requirement*<br>*DA Dangerous*<br>*EP Expedite*<br>*EX Explosive Flammable Gas*<br>*FG Flammable Gas*<br>*FL Flammable*<br>*FP Flammable Poison Gas*<br>*HM Endorsed as Hazardous Material*<br>*LT Less Than Full Carload*<br>*LTT Less Than Truckload*<br>*PG Poisonous Gas*<br>*PMM P.M. Delivery Requirement*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/3** |
| **TD402** | **208** | **Hazardous Material Code Qualifier**<br>Code which qualifies the Hazardous Material Class Code (209).<br>*Use any code.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **1/1** |
| **TD403** | **209** | **Hazardous Material Class Code**<br>Code specifying the kind of hazard for a material. | **X** | **AN** | **2/4** |
| **TD404** | **352** | **Description**<br>A free-form description to clarify the related data elements and their content. | **X** | **AN** | **1/80** |

*Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*

**Segment:** **MAN** **Marks and Numbers**
**Position:** 270
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** 10
**Purpose:** To indicate identifying marks and numbers for shipping containers
**Notes:** 1. Use this 1/MAN/270 segment when the marks and numbers apply to all of the line items. If the information varies by line item, use the 2/MAN/290 segment.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 If either MAN04 or MAN05 is present, then the other is required.
2 If MAN06 is present, then MAN05 is required.

**Semantic Notes:**
1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

**Comments:**
1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | MAN01 | 88 | **Marks and Numbers Qualifier**<br>Code specifying the application or source of Marks and Numbers (87).<br>S Entire Shipment | M | ID | 1/2 |
| >> | MAN02 | 87 | **Marks and Numbers**<br>Marks and numbers used to identify a shipment or parts of a shipment. | M | AN | 1/45 |
| | MAN03 | 87 | **Marks and Numbers**<br>Marks and numbers used to identify a shipment or parts of a shipment. | O | AN | 1/45 |
| | MAN04 | 88 | **Marks and Numbers Qualifier**<br>Code specifying the application or source of Marks and Numbers (87).<br>S Entire Shipment | X | ID | 1/2 |
| | MAN05 | 87 | **Marks and Numbers**<br>Marks and numbers used to identify a shipment or parts of a shipment. | X | AN | 1/45 |
| | MAN06 | 87 | **Marks and Numbers**<br>Marks and numbers used to identify a shipment or parts of a shipment. | O | AN | 1/45 |

**Segment:** **TXI** **Tax Information**
**Position:** 275
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** >1
**Purpose:** To specify tax information.
**Notes:** Use this 1/TXI/275 segment to identify taxes that apply to the total order amount. Use the 2/TXI/265 segment to identify taxes that apply to individual line item amounts.
**Syntax Notes:**
1 At least one of TXI02 TXI03 or TXI06 is required.
2 If either TXI04 or TXI05 is present, then the other is required.
3 If TXI08 is present, then TXI03 is required.
**Semantic Notes:**
1 TXI07 is a code indicating the relationship of the price or amount to the associated segment.
**Comments:**
1 TXI02 is the monetary amount of the tax.
2 TXI03 is the tax percent expressed as a decimal.
3 If TXI02 is not used, then the application of the percent (TXI03) is between trading partners.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | TXI01 | 963 | **Tax Type Code**<br>Code specifying the type of tax.<br>*Use any code.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | M | ID | 2/2 |
| | TXI02 | 782 | **Monetary Amount**<br>Monetary amount. | X | R | 1/15 |
| | TXI03 | 954 | **Percent**<br>Percentage expressed as a decimal<br>*Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).* | X | R | 1/10 |
| X | TXI04 | 955 | **Tax Jurisdiction Code Qualifier**<br>Code identifying the source of the data used in tax jurisdiction code.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 2/2 |
| X | TXI05 | 956 | **Tax Jurisdiction Code**<br>Code identifying the taxing jurisdiction. | X | AN | 1/10 |
| X | TXI06 | 441 | **Tax Exempt Code**<br>Code identifying exemption status from sales and use tax.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 1/1 |
| | TXI07 | 662 | **Relationship Code**<br>Code indicating the relationship between entities<br>A Add<br>D Delete<br>I Included | O | ID | 1/1 |
| | TXI08 | 828 | **Dollar Basis For Percent**<br>Dollar basis to be used in the percent calculation of the allowance, charge or tax | O | R | 1/9 |
| X | TXI09 | 325 | **Tax Identification Number**<br>Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.), often called a tax exemption number or certificate number. | O | AN | 1/20 |
| X | TXI10 | 350 | **Assigned Identification** | O | AN | 1/11 |

Alphanumeric characters assigned for differentiation within a transaction set.

**Segment:** **G53** **Maintenance Type**
**Position:** 277
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** >1
**Purpose:** To identify the specific type of item maintenance.
**Notes:** When BCA15 is code RQ, use to identify the type of change being requested to table 1 of the applicable procurement instrument. Requested changes to table 2 of the applicable procurement instrument are identified in POC02.
**Syntax Notes:**
**Semantic Notes:**
**Comments:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | G5301 | 875 | **Maintenance Type Code**<br>Code identifying the specific type of item maintenance. | **M ID 3/3** |
| | | | 001 Change<br>*Use only when codes 002 and 021 do not apply. When used, transmit the entire occurrence of the free standing segment(s) or the entire iteration of the loop(s).* | |
| | | | 002 Delete<br>*Use only when the requested change is deleting, without replacement, an entire occurrence of a free standing segment(s) or an entire iteration of a loop(s).* | |
| | | | 021 Addition<br>*Use only when the requested change is adding a new or first occurrence of a free standing segment(s) or a new or first iteration of a loop(s).* | |

**Segment:** **N9** **Reference Number**
**Position:** 280
**Loop:** N9
**Level:** Heading
**Usage:** Optional
**Max Use:** 1
**Purpose:** To transmit identifying numbers and descriptive information as specified by the reference number qualifier
**Notes:** 1. Use this 2/N9/280 loop to provide information that is applicable to all of the line items or to the entire procurement instrument. If the information varies by line item, use the 2/N9/350 loop.

2. When BCA15 is code DG, this loop can be used to provide certifications, representations, or fill-in information, that is not provided elsewhere within the transaction set, as required by a clause identified in the Purchase Order Change Request - Buyer Initiated, 860 transaction set.

3. When an alternate section is applicable to a cited clause, the alpha/numeric alternate identifier and date must be cited in the following MSG segment.

4. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment.

5. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

6. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

7. When BCA02 is code RF, this segment is REQUIRED with N901 citing code 55.

**Syntax Notes:** 1 At least one of N902 or N903 is required.
2 If N906 is present, then N905 is required.
**Semantic Notes:** 1 N906 reflects the time zone which the time reflects.
**Comments:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | N901 | 128 | **Reference Number Qualifier**<br>Code qualifying the Reference Number.<br>55 Sequence Number<br>*When BCA02 is code RF, use to indicate an explanation for the rejection is being provided in the following MSG segment. Insert the word "Explanation" in N903 when using this code.*<br>73 Statement of Work (SOW)<br>Description of a product or service to be procured under a contract; statement of requirements<br>BB Authorization Number<br>Proves that permission was obtained to provide a service<br>*Use to indicate the Code of Federal Regulations.*<br>CJ Clause Number | **M ID 2/2** |

| | |
|---|---|
| | *Use to indicate a purchasing activity clause (i.e., a clause not found in FAR/DFARS/FIRMR, etc.). Identify the purchasing activity issuing the clause in N903.* |
| DF | Defense Federal Acquisition Regulations (DFAR) |
| DX | Department/Agency Number<br>*Use to indicate an Agency clause and identify agency in N903.* |
| EC | Circular<br>*Use to indicate an Office of Management and Budget (OMB) circular number.* |
| FA | Federal Acquisition Regulations (FAR) |
| GS | General Services Administration Regulations (GSAR) |
| H4 | Federal Information Resources Management Regulation |
| KR | Response to a Request for Quotation Reference<br>A discrete number assigned for identification purpose to a response to a request for quotation<br>*Use to indicate fill-in information required by the number cited in N902 is being provided in the following MSG segment.* |
| KT | Request for Quotation Reference<br>A discrete number assigned for identification purposes to a request for quotation<br>*When BCA15 is code DG, use to indicate exceptions are being taken to items contained in the draft modification and are specified in the following MSG segment. Insert the word "Exception" in N903 when this code is used.* |
| KW | Certification<br>A number, taken from an acquisition regulation, which represents a specific certification that must be made by a prospective vendor before a contract or order can be placed with that vendor<br>*Use to indicate a certification required by the number cited in N902 is being provided in the following MSG segment.* |
| KX | Representation<br>A number, taken from an acquisition regulation, which represents a specific representation that must be made by a prospective vendor before a contract or order can be placed with that vendor<br>*Use to indicate a representation required by the number cited in N902 is being provided in the following MSG segment.* |
| KY | Site Specific Procedures, Terms, and Conditions<br>A set of procedures, terms, and conditions, applicable to a category of procurement emanating from a specific location, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents |
| KZ | Master Solicitation Procedures, Terms, and Conditions<br>A set of standard procedures, terms, and conditions, |

applicable to a category of procurement, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents.
*Use to indicate the Master Solicitation number that contains applicable terms and conditions.*

L1 Letters or Notes
*Use to indicate general information, comments or notes are being provided by the contractor in the following MSG segment. Insert the word "Note" in N903 when this code is used.*

VB Department of Veterans Affairs Acquisition Regulations (VAAR)

ZZ Mutually Defined
*Use to indicate that amounts applicable to incentive or cost sharing contracts are being provided in the MSG segment. When used, insert the word "Amounts" in N903.*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | N902 | 127 | **Reference Number** | **X** | **AN** | **1/30** |
| | | | Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. | | | |
| | N903 | 369 | **Free-form Description** | **X** | **AN** | **1/45** |
| | | | Free-form descriptive text.<br>*1. When N901 is code CJ or DX, use to identify the agency, or purchasing activity issuing the clause or special instruction cited in N902.*<br>*2. When N901 is code 55, cite the word "Explanation"; when N901 is code KT, cite the word "Exception"; when N901 is code L1, cite the word "Note"; when N901 is code ZZ, insert the word "Amounts."*<br>*3. Use of free form text is discouraged when the information can be provided by some other means within the transaction set.* | | | |
| | N904 | 373 | **Date** | **O** | **DT** | **6/6** |
| | | | Date (YYMMDD).<br>*Use to identify the date of the clause cited in N902. The DD (day) portion of the date is always 01.* | | | |
| X | N905 | 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) | | | |
| X | N906 | 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. Refer to 003050 Data Element Dictionary for acceptable code values. | | | |

**Segment:** **MSG** **Message Text**
**Position:** 290
**Loop:** N9
**Level:** Heading
**Usage:** Optional
**Max Use:** 1000
**Purpose:** To provide a free form format that would allow the transmission of text information.
**Notes:** 1. Use this segment to indicate exceptions to a draft modification (N901 is code KT), to provide a certification, representation or fill-in information (N901 is either code KR, KW, or KX), to identify amounts applicable to incentive or cost sharing contracts (N901 is code ZZ), to request changes associated with the number cited in N902, or to provide an explanation for rejection of a draft modification (N901 is code 55).

2. When providing a certification, representation or fill-in information, the clause title, if cited, and the alternate identifier and date, if applicable, will be the first data provided. This data will be followed by a numeric designation of the number of data items being provided. Each data item will be preceded by the paragraph or section identifier in the clause where the certification, representation, or fill-in information is to be inserted(if identifiers are included in the clause). If there is no alpha or numeric designator, the required information will immediately follow the numeric designation of the data items being provided. If the information to be provided is to be selected from provided responses within the clause, cite the information that is selected.

3. A pipe sign (|) will be inserted after each data item. As an example, the information required by FAR 52.204-3 would be provided as follows:

Taxpayers Identification| 3| (c)| TIN has been applied for| (d) Other corporate entity| (e) Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this clause|

Information required by DFARS 252.211-7012 would be provided as follows:

Certification--Commercial Items--Competitive Acquisitions| 2| (c)(1) Items offered are commercial items as defined in (b)(1)(iv)| (c)(2)(ii) Will be produced using government production and research property identified below| Milling Machine| N0001992C1234| Naval Air Systems Command|

In the second example, the name of the offeror and the solicitation number ()required by the clause) are provided elsewhere within the transaction set; therefore, are not repeated in the certification.

4. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

5. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
**Semantic Notes:**
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

**Data Element Summary**

| Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|

| | | | | | | |
|---|---|---|---|---|---|---|
| >> | **MSG01** | **933** | **Free-Form Message Text**<br>Free-form message text. | **M** | **AN** | **1/264** |
| X | **MSG02** | **934** | **Printer Carriage Control Code**<br>A field to be used for the control of the line feed of the receiving printer.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/2** |

**Segment:** **N1** **Name**
**Position:** 300
**Loop:** N1
**Level:** Heading
**Usage:** Optional
**Max Use:** 1
**Purpose:** To identify a party by type of organization, name and code
**Notes:** 1. Use this 1/N1/300 loop to identify organizations or locations that apply to all of the line items. If the information varies by line item, use the 2/N1/370 loop.

2. Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when address information cannot be provided using one of the codes listed in N103.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**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.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | N101 | 98 | **Entity Identifier Code**<br>Code identifying an organizational entity, a physical location, or an individual | M ID 2/2 |
| | | | 28 Subcontractor | |
| | | | 31 Postal Mailing Address<br>*Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party in N102 and the N2 segment, if necessary.* | |
| | | | 61 Performed At<br>The facility where work was performed<br>*Use to indicate the place of performance when it is other than the contractor's mailing address.* | |
| | | | 7D Contracting Officer Representative | |
| | | | 7G Hazardous Material Office | |
| | | | 7H Government Furnished Property FOB Point | |
| | | | 7N Party to Receive Proposal | |
| | | | 7P Transportation Office | |
| | | | AE Additional Delivery Address<br>*Use to indicate a shipment in-place location.* | |
| | | | BY Buying Party (Purchaser) | |

| | |
|---|---|
| C4 | Contract Administration Office<br>Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area |
| IC | Intermediate Consignee<br>*When FOB02 is code IT, use to indicate a freight forwarder.* |
| IS | Party to Receive Certified Inspection Report |
| KF | Audit Office<br>The office performing the audit |
| KG | Project Manager<br>The address of the person responsible for the management of a designated project |
| KX | Free on Board Point<br>*When FOB02 is code KE, KL, KP, or ZZ, use to indicate the FOB point.* |
| KY | Technical Office |
| KZ | Acceptance Location |
| L1 | Inspection Location<br>Place where the item was viewed or inspected |
| PA | Party to Receive Inspection Report |
| PC | Party to Receive Cert. of Conformance (C.A.A.) |
| PW | Pick Up Address |
| RI | Remit To<br>*Use to indicate the place to send payment if it is different from a contractor's address. e.g., a bank, financial office location, etc.* |
| SE | Selling Party |
| SM | Party to Receive Shipping Manifest |
| ST | Ship To<br>*Use to indicate the address to which an item must be shipped. If the ship-to address is an FPO or APO, cite FPO or APO zip code in N104 and cite code AR in N405.* |
| SV | Service Performance Site<br>When services are contracted for, this describes the organization for whom or location address at which those services will be performed<br>*Use to indicate the location where a service, e.g., grass cutting, is to be performed.* |
| TQ | Third Party Reviewing Organization (TPO)<br>*Use to indicate the office for receipt of foreign disclosure sensitive information per DoD Directive 5230.25.* |
| X2 | Party to Perform Packaging<br>A party responsible for packaging an item after it has been produced |
| Z7 | Mark-for Party |

The party for whom the needed material is intended

| | | | | | | |
|---|---|---|---|---|---|---|
| | **N102** | **93** | **Name**<br>Free-form name. | **X** | **AN** | **1/35** |
| | **N103** | **66** | **Identification Code Qualifier**<br>Code designating the system/method of code structure used for Identification Code (67).<br>*While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.*<br>1 D-U-N-S Number, Dun & Bradstreet<br>*Use of the DUNS number is preferred over other codes to identify a named party.*<br>10 Department of Defense Activity Address Code (DODAAC)<br>*Use to indicate a Department of Defense or Civilian Agency Activity Address code.*<br>33 Commercial and Government Entity (CAGE)<br>A2 Military Assistance Program Address Code (MAPAC)<br>Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity | **X** | **ID** | **1/2** |
| | **N104** | **67** | **Identification Code**<br>Code identifying a party or other code. | **X** | **AN** | **2/20** |
| X | **N105** | **706** | **Entity Relationship Code**<br>Code describing entity relationship.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/2** |
| X | **N106** | **98** | **Entity Identifier Code**<br>Code identifying an organizational entity, a physical location, or an individual<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/2** |

**Segment:** N2 **Additional Name Information**
**Position:** 310
**Loop:** N1
**Level:** Heading
**Usage:** Optional
**Max Use:** 2
**Purpose:** To specify additional names or those longer than 35 characters in length
**Notes:** This segment is not necessary when the entity cited in N101 is described using a code in N103/N104.
**Syntax Notes:**
**Semantic Notes:**
**Comments:**

**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**
**Position:** 320
**Loop:** N1
**Level:** Heading
**Usage:** Optional
**Max Use:** 2
**Purpose:** To specify the location of the named party
**Notes:** This segment is not necessary when the entity cited in N101 is described using a code in N103/N104.
**Syntax Notes:**
**Semantic Notes:**
**Comments:**

**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**
**Position:** 330
**Loop:** N1
**Level:** Heading
**Usage:** Optional
**Max Use:** 1
**Purpose:** To specify the geographic place of the named party
**Notes:** This segment is not necessary when the entity cited in N101 is described using a code in N103/N104.
**Syntax Notes:** 1 If N406 is present, then N405 is required.
**Semantic Notes:**
**Comments:** 1 A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the USA or Canada.

**Data Element Summary**

| Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|
| N401 | 19 | **City Name**<br>Free-form text for city name. | O | AN | 2/30 |
| N402 | 156 | **State or Province Code**<br>Code (Standard State/Province) as defined by appropriate government agency. | O | ID | 2/2 |
| N403 | 116 | **Postal Code**<br>Code defining international postal zone code excluding punctuation and blanks (zip code for United States). | O | ID | 3/11 |
| N404 | 26 | **Country Code**<br>Code identifying the country. | O | ID | 2/3 |
| N405 | 309 | **Location Qualifier**<br>Code identifying type of location.<br>AR Armed Services Location Designation<br>*Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO).* | X | ID | 1/2 |
| N406 | 310 | **Location Identifier**<br>Code which identifies a specific location. | O | AN | 1/30 |

**Segment:** **REF** **Reference Numbers**
**Position:** 340
**Loop:** N1
**Level:** Heading
**Usage:** Optional
**Max Use:** 12
**Purpose:** To specify identifying numbers.
**Notes:** 1. Use this segment to carry reference numbers applicable to the parties cited in the preceding N1 segment.

2. Use of the segment is REQUIRED when N101 is code SE.

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

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | **REF01** | **128** | **Reference Number Qualifier**<br>Code qualifying the Reference Number.<br>EL Electronic device pin number<br>*Use to indicate the identification number assigned to the contractor at the time of registration. Use of this code is REQUIRED.*<br>ZF Contractor Establishment Code (CEC)<br>Government identifier to designate a contractor; it is nine characters, eight numeric and a final alpha<br>*Use only when N101 is code SE.* | **M ID 2/2** |
| | **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. | **X AN 1/30** |
| X | **REF03** | **352** | **Description**<br>A free-form description to clarify the related data elements and their content. | **X AN 1/80** |

**Segment:** **PER** **Administrative Communications Contact**
**Position:** 350
**Loop:** N1
**Level:** Heading
**Usage:** Optional
**Max Use:** >1
**Purpose:** To identify a person or office to whom administrative communications should be directed
**Notes:** 1. Use this segment to provide names and titles of individuals associated with the entities cited in the same N1 loop.

2. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 If either PER03 or PER04 is present, then the other is required.
2 If either PER05 or PER06 is present, then the other is required.
3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**
**Comments:**

**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.<br>*Use to identify the various individuals who can be contacted regarding specific areas of the procurement instrument.*<br>AA Authorized Representative<br>*Use to indicate the person authorized by the contractor to contractually and legally bind the company.*<br>AF Authorized Financial Contact<br>*Use to indicate the party in the contractors organization who is responsible for cost and price data.*<br>CE Certifier<br>IC Information Contact<br>KA Authorized Negotiator<br>PP Program Manager<br>SI Investigator<br>*Use to indicate the principal party performing research and development work in the contractor's organization.*<br>SU Supplier Contact<br>*Use to indicate a contact within the selling party's organization.* | **M ID 2/2** |
| | **PER02** | **93** | **Name**<br>Free-form name.<br>*Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for the first name. If necessary, use PER09 to cite the party's title.* | **O AN 1/35** |
| | **PER03** | **365** | **Communication Number Qualifier**<br>Code identifying the type of communication number.<br>AU Defense Switched Network | **X ID 2/2** |

Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

EM Electronic Mail

FX Facsimile

IT International Telephone

*Include the country code.*

TE Telephone

*Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.*

**PER04** **364** **Communication Number** **X** **AN** **1/80**

Complete communications number including country or area code when applicable.

**PER05** **365** **Communication Number Qualifier** **X** **ID** **2/2**

Code identifying the type of communication number.

*Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.*

AU Defense Switched Network

Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

EM Electronic Mail

EX Telephone Extension

*Use only if PER03 is used citing either code AU or TE.*

FX Facsimile

IT International Telephone

*Include the country code.*

TE Telephone

*Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.*

**PER06** **364** **Communication Number** **X** **AN** **1/80**

Complete communications number including country or area code when applicable.

**PER07** **365** **Communication Number Qualifier** **X** **ID** **2/2**

Code identifying the type of communication number.

*Use to identify a third communications number for the party cited in PER02.*

AU Defense Switched Network

Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

EM Electronic Mail

EX Telephone Extension

*Use only if PER05 is used citing either code AU or TE.*

FX Facsimile

IT International Telephone

*Include the country code.*

TE Telephone

*Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.*

| | | | | | |
|---|---|---|---|---|---|
| **PER08** | **364** | **Communication Number**<br>Complete communications number including country or area code when applicable. | **X** | **AN** | **1/80** |
| **PER09** | **443** | **Contact Inquiry Reference**<br>Additional reference number or description to clarify a contact number.<br>*Use. if necessary, to provide the title of the party cited in PER02.* | **O** | **AN** | **1/20** |

**Segment:** **TD5** **Carrier Details (Routing Sequence/Transit Time)**
**Position:** 380
**Loop:** N1
**Level:** Heading
**Usage:** Optional
**Max Use:** 12
**Purpose:** To specify the carrier, sequence of routing and to provide transit time information
**Notes:** 1. Use this 1/TD5/380 segment when the shipment method is the same for all the line items being shipped to a named entity. If the transportation method varies by line item, use the 2/TD5/240 or the 2/TD5/450 segment when the information is applicable to a named entity.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
2 If TD502 is present, then TD503 is required.
3 If TD507 is present, then TD508 is required.
4 If TD510 is present, then TD511 is required.

**Semantic Notes:**

**Comments:**
1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement: use TD502 to identify the party responsible for defining the routing sequence; use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| X | TD501 | 133 | **Routing Sequence Code**<br>Code describing the relationship of a carrier to a specific shipment movement.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 1/2 |
| | TD502 | 66 | **Identification Code Qualifier**<br>Code designating the system/method of code structure used for Identification Code (67).<br>10 Department of Defense Activity Address Code (DODAAC)<br>*When TD504 is code PL, use to indicate the DoDAAC of the pipeline.* | X | ID | 1/2 |
| | TD503 | 67 | **Identification Code**<br>Code identifying a party or other code. | X | AN | 2/20 |
| | TD504 | 91 | **Transportation Method/Type Code**<br>Code specifying the method or type of transportation for the shipment.<br>*1. Use any code.*<br>*2. An application program conversion table may be required to convert agency codes to X12 codes.*<br>*D Parcel Post*<br>*Use to indicate the U.S. Postal Service and not a private carrier.* | X | ID | 1/2 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | Refer to 003050 Data Element Dictionary for acceptable code values. | | | |
| X | **TD505** | **387** | **Routing**<br>Free-form description of the routing or requested routing for shipment, or the originating carrier's identity. | **X** | **AN** | **1/35** |
| X | **TD506** | **368** | **Shipment/Order Status Code**<br>Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/2** |
| X | **TD507** | **309** | **Location Qualifier**<br>Code identifying type of location.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **1/2** |
| X | **TD508** | **310** | **Location Identifier**<br>Code which identifies a specific location. | **X** | **AN** | **1/30** |
| X | **TD509** | **731** | **Transit Direction Code**<br>The point of origin and point of direction.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/2** |
| X | **TD510** | **732** | **Transit Time Direction Qualifier**<br>Code specifying the value of time used to measure the transit time.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/2** |
| X | **TD511** | **733** | **Transit Time**<br>The numeric amount of transit time. | **X** | **R** | **1/4** |
| | **TD512** | **284** | **Service Level Code**<br>Code defining service<br>*Use any code.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/2** |

**Segment:** **TD4** **Carrier Details (Special Handling or Hazardous Materials or Both)**
**Position:** 400
**Loop:** N1
**Level:** Heading
**Usage:** Optional
**Max Use:** 5
**Purpose:** To specify transportation special handling requirements or hazardous materials information or both
**Notes:** 1. Use this 1/TD4/400 segment to identify special handling or hazardous material information that is the same for all of the line items applicable to a named entity. If this information varies by line item, use the 2/TD4/260 segment or the 2/TD4/470 segment if the information is applicable to a named entity.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:** 1 At least one of TD401 TD402 or TD404 is required.
2 If TD402 is present, then TD403 is required.

**Semantic Notes:**
**Comments:**

**Data Element Summary**

| Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|
| **TD401** | 152 | **Special Handling Code**<br>Code specifying special transportation handling instructions.<br>*Any code may be used but the listed codes are preferred.*<br><br>*AMM A.M. Delivery Requirement*<br>*DA Dangerous*<br>*EP Expedite*<br>*EX Explosive Flammable Gas*<br>*FG Flammable Gas*<br>*FL Flammable*<br>*FP Flammable Poison Gas*<br>*HM Endorsed as Hazardous Material*<br>*LT Less Than Full Carload*<br>*LTT Less Than Truckload*<br>*PG Poisonous Gas*<br>*PMM P.M. Delivery Requirement*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/3** |
| **TD402** | 208 | **Hazardous Material Code Qualifier**<br>Code which qualifies the Hazardous Material Class Code (209).<br>*Use any code.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **1/1** |
| **TD403** | 209 | **Hazardous Material Class Code**<br>Code specifying the kind of hazard for a material. | **X** | **AN** | **2/4** |
| **TD404** | 352 | **Description**<br>A free-form description to clarify the related data elements and their content.<br>*Use of free form text is discouraged if the information can be provided by some* | **X** | **AN** | **1/80** |

*other means within the transaction set.*

**Segment:** **PKG** **Marking, Packaging, Loading**
**Position:** 410
**Loop:** N1
**Level:** Heading
**Usage:** Optional
**Max Use:** 25
**Purpose:** To describe marking, packaging, loading and unloading requirements.
**Notes:** 1. Use this 1/PKG/410 segment when the packaging requirements are the same for all of the line items to be delivered to a named entity. If the packaging requirements vary by line item, use the 2/PKG/080 segment or the 2/PKG/480 segment if the packaging requirements are applicable to a named entity.

2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 At least one of PKG04 PKG05 or PKG06 is required.
2 If PKG04 is present, then PKG03 is required.
3 If PKG05 is present, then PKG01 is required.

**Semantic Notes:**
1 PKG04 should be used for industry-specific packaging description codes.

**Comments:**
1 Use MEA (Measurements) segment to define dimensions, tolerances weights, counts, physical restrictions, etc.
2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used.
3 Use PKG03 to indicate the organization that publishes the code list being referred to.
4 Special marking or tagging data can be given in PKG05 (Description).

**Data Element Summary**

| Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|
| **PKG01** | **349** | **Item Description Type**<br>Code indicating the format of a description.<br>F Free-form<br>S Structured (From Industry Code List)<br>X Semi-structured (Code and Text) | **X ID 1/1** |
| **PKG02** | **753** | **Packaging Characteristic Code**<br>Code specifying the marking, packaging, loading and related characteristics being described.<br>*Use the listed codes to identify applicable packaging requirements.*<br>CD Cleaning or Drying Procedure<br>CT Cushioning Thickness<br>CUD Cushioning and Dunnage<br>HM Hazardous Material<br>IC Intermediate Container<br>LP Level Of Preservation | **O ID 1/5** |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | OPI | Optional Procedure Indicator | | | |
| | | | PK | Packing<br>*When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is proposed, cite MIL-STD 2073-2C code X in PKG04.* | | | |
| | | | PM | Preservation Method | | | |
| | | | PML | Preservation Material | | | |
| | | | SMK | Special Marking | | | |
| | | | UC | Unit Container | | | |
| | | | UCL | Unit Container Level | | | |
| | | | WM | Wrapping Material | | | |
| | **PKG03** | **559** | **Agency Qualifier Code**<br>Code identifying the agency assigning the code values. | | **X** | **ID** | **2/2** |
| | | | DF | Department of Defense (DoD) | | | |
| | | | GS | General Services Administration (GSA) Responsible for Federal Specification | | | |
| | | | ZZ | Mutually Defined<br>*Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12. If approved, a code for Federal Government will be available in the ASC X12 Version/Release 3060.* | | | |
| | **PKG04** | **754** | **Packaging Description Code**<br>A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product.<br>*The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD-2073-2C).* | | **X** | **AN** | **1/7** |
| | **PKG05** | **352** | **Description**<br>A free-form description to clarify the related data elements and their content.<br>*1. When PKG04 carries a code indicating that the items will be packed differently than required in the procurement instrument or modification, explain in PKG05.*<br><br>*2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.* | | **X** | **AN** | **1/80** |
| **X** | **PKG06** | **400** | **Unit Load Option Code**<br>Code identifying loading or unloading a shipment<br>Refer to 003050 Data Element Dictionary for acceptable code values. | | **X** | **ID** | **2/2** |

**Segment:** **POC** **Line Item Change**
**Position:** 010
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** 1
**Purpose:** To specify changes to a line item
**Notes:** 1. Use this POC loop to identify all change information applicable to the item or service within the POC loop.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 If POC03 is present, then both POC04 and POC05 are required.
2 If POC07 is present, then POC06 is required.
3 If either POC08 or POC09 is present, then the other is required.
4 If either POC10 or POC11 is present, then the other is required.
5 If either POC12 or POC13 is present, then the other is required.
6 If either POC14 or POC15 is present, then the other is required.
7 If either POC16 or POC17 is present, then the other is required.
8 If either POC18 or POC19 is present, then the other is required.
9 If either POC20 or POC21 is present, then the other is required.
10 If either POC22 or POC23 is present, then the other is required.
11 If either POC24 or POC25 is present, then the other is required.
12 If either POC26 or POC27 is present, then the other is required.

**Semantic Notes:**
1 POC01 is the purchase order line item identification.

**Comments:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| | POC01 | 350 | **Assigned Identification**<br>Alphanumeric characters assigned for differentiation within a transaction set.<br>*Use to specify the Contract Line Item Number(CLIN), Subcontract Line Item Number (SUBCLIN), or Exhibit Line Item Number (ELIN), if one is assigned. For Army PADDS users only, use also to identify SUBCLIN with concatenated Relationship Code, for example, 0001AC003; and SUBCLIN with concatenated Relationship Code and Delivery Relationship Code (last two characters), for example, 0001AC00302.* | **O AN 1/11** |
| >> | POC02 | 670 | **Change or Response Type Code**<br>Code specifying the type of change to the line item.<br>*Use to identify proposed changes requested to table 2 of the applicable award instrument.*<br>AI Add Additional Item(s)<br>*Use only when the requested change is adding a new or first occurrence of a free standing segment(s) or a new or first iteration of a loop(s).*<br>CA Changes To Line Items<br>*Use only when codes AI and DI do not apply. When used, the entire POC loop must be transmitted containing all information applicable to the line item* | **M ID 2/2** |

*identified in POC01.*

DI Delete Item(s)

*Use only when the requested change is deleting, without replacement, an entire occurrence of a free standing segment(s) or an entire iteration of a loop(s).*

**POC03** **330** **Quantity Ordered** **O** **R** **1/9**

Quantity ordered.

*1. Use to specify the quantity applicable to the line item. Step ladder quantities applicable to requirements and indefinite quantity type award instruments and the related prices are to be carried in the 2/CTP/040 segment.*

*2. Do not use this data element at the CLIN level if quantities are specified at the SUBCLIN level.*

**POC04** **671** **Quantity Left to Receive** **X** **R** **1/9**

Quantity left to receive as qualified by the unit of measure.

*Use to identify the quantity left to be shipped.*

**POC05** **355** **Unit or Basis for Measurement Code** **X** **ID** **2/2**

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

*1. Use any code.*

*2. An application program conversion table may be required to convert agency codes to X12 codes.*

*3. Do not use this data element at the CLIN level if quantities are specified at the SUBCLIN level.*

*SX Shipment*
*Use when POC01 is a CLIN for transportation charges.*

*ZZ Mutually Defined*
*Use to indicate a Job or a Task.*
Refer to 003050 Data Element Dictionary for acceptable code values.

**POC06** **212** **Unit Price** **X** **R** **1/17**

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

*1. When POC07 is either code NC or NS, enter the number 0.*

*2. If the contractor is offering a discount for the line item price, cite the discounted price in this data element.*

**POC07** **639** **Basis of Unit Price Code** **O** **ID** **2/2**

Code identifying the type of unit price for an item.

*Any code may be used but the listed codes are preferred.*

*ES Estimated*
*FB Fabrication Cost*
*Use to indicate the price includes the incorporation of GFE, GFP, or GFM.*

*KA Price with Government Furnished Property*
*Use to indicate the price of the items includes the use of GFE, GFM, or GFP to manufacture the item.*

*NC No Charge*
*Use to indicate this is a no cost item.*

*NS Not Separately Priced*
*Use to indicate the item is not separately priced but is included in the price of the item to which it pertains.*

Refer to 003050 Data Element Dictionary for acceptable code values.

**POC08 235 Product/Service ID Qualifier X ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234).
*1. POC08 through POC27 are used in pairs, e.g., POC08 contains a qualifier code and POC09 contains data related to the code. All qualifier codes that can be used for these POC pairs are listed in POC08.*

*2. Any code can be used, but the listed codes are preferred.*

*A8 Exhibit Line Item Number*
*AK Refined Product Code*
*CG Commodity Grouping*
*Use to indicate a commodity code.*
*CH Country of Origin Code*
*CL Color*
*CN Commodity Name*
*F7 End-Item Description*
*Use to indicate the end item to which the ordered item applies.*
*F8 Next Higher Used Assembly*
*Use to indicate the next higher assembly to which the ordered item applies.*
*FS National Stock Number*
*The NSN shall be transmitted without dashes.*
*FT Federal Supply Classification*
*KA Engineering Data List*
*Use to indicate the Engineering Data List that contains technical information related to the CLIN or SUBCLIN.*
*KD Replacement National Stock Number*
*Use to indicate the NSN that will be assigned to an item being modified.*
*KF Item Type Number*
*KG Time Compliant Technical Order*
*KI Cognizance Symbol*
*KJ Material Control Code*
*KK Special Material Identification Code*
*KL Item Management Code*
*KM Shelf-Life Code*
*KN Shelf-Life Action Code*
*LT Lot Number*
*MF Manufacturer*
*When used, cite the DUNS number of the manufacturer in the following data element.*
*MG Manufacturer's Part Number*
*When used, a second 235/234 pair must be used citing either code MF, or code ZB.*
*MN Model Number*
*N1 National Drug Code in 4-4-2 Format*
*N2 National Drug Code in 5-3-2 Format*
*N3 National Drug Code in 5-4-1 Format*
*N4 National Drug Code in 5-4-2 Format*
*ND National Drug Code (NDC)*

*PD Part Number Description*
*Use to indicate a clear text description of an item that cannot be identified by a number, e.g., transportation.*
*PU Part Reference Number*
*Use to indicate a part number assigned by an industry (not related to a specific manufacturer). Do not use for National Drug Codes.*
*RC Returnable Container No.*
*Use to indicate an NSN, manufacturer's part number, or other identifying number (except a serial number) of a returnable container. The serial number of a returnable container will be carried in the REF segment with code RS.*
*SN Serial Number*
*Use to indicate the serial number if of the item cited in POC01. For example, the serial number of an aircraft engine that is to be repaired.*
*SV Service Rendered*
*Use to indicate, in clear text, the service being ordered.*
*SZ Vendor Alphanumeric Size Code (NRMA)*
*Use to indicate the size of an item being ordered.*
*VP Vendor's (Seller's) Part Number*
*Use to indicate a part number assigned by a contractor other than a manufacturer.*
*ZB Commercial and Government Entity (CAGE)*
*Use to indicate a manufacturer who can be identified by a CAGE code.*
Refer to 003050 Data Element Dictionary for acceptable code values.

| | | | | | |
|---|---|---|---|---|---|
| **POC09** | **234** | **Product/Service ID**<br>Identifying number for a product or service. | **X** | **AN** | **1/40** |
| **POC10** | **235** | **Product/Service ID Qualifier**<br>Code identifying the type/source of the descriptive number used in Product/Service ID (234).<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/2** |
| **POC11** | **234** | **Product/Service ID**<br>Identifying number for a product or service. | **X** | **AN** | **1/40** |
| **POC12** | **235** | **Product/Service ID Qualifier**<br>Code identifying the type/source of the descriptive number used in Product/Service ID (234).<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/2** |
| **POC13** | **234** | **Product/Service ID**<br>Identifying number for a product or service. | **X** | **AN** | **1/40** |
| **POC14** | **235** | **Product/Service ID Qualifier**<br>Code identifying the type/source of the descriptive number used in Product/Service ID (234).<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/2** |
| **POC15** | **234** | **Product/Service ID**<br>Identifying number for a product or service. | **X** | **AN** | **1/40** |
| **POC16** | **235** | **Product/Service ID Qualifier**<br>Code identifying the type/source of the descriptive number used in Product/Service ID (234).<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/2** |
| **POC17** | **234** | **Product/Service ID**<br>Identifying number for a product or service. | **X** | **AN** | **1/40** |
| **POC18** | **235** | **Product/Service ID Qualifier**<br>Code identifying the type/source of the descriptive number used in Product/Service ID (234). | **X** | **ID** | **2/2** |

| | | | | | |
|---|---|---|---|---|---|
| | | Refer to 003050 Data Element Dictionary for acceptable code values. | | | |
| **POC19** | **234** | **Product/Service ID**<br>Identifying number for a product or service. | **X** | **AN** | **1/40** |
| **POC20** | **235** | **Product/Service ID Qualifier**<br>Code identifying the type/source of the descriptive number used in Product/Service ID (234).<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/2** |
| **POC21** | **234** | **Product/Service ID**<br>Identifying number for a product or service. | **X** | **AN** | **1/40** |
| **POC22** | **235** | **Product/Service ID Qualifier**<br>Code identifying the type/source of the descriptive number used in Product/Service ID (234).<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/2** |
| **POC23** | **234** | **Product/Service ID**<br>Identifying number for a product or service. | **X** | **AN** | **1/40** |
| **POC24** | **235** | **Product/Service ID Qualifier**<br>Code identifying the type/source of the descriptive number used in Product/Service ID (234).<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/2** |
| **POC25** | **234** | **Product/Service ID**<br>Identifying number for a product or service. | **X** | **AN** | **1/40** |
| **POC26** | **235** | **Product/Service ID Qualifier**<br>Code identifying the type/source of the descriptive number used in Product/Service ID (234).<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/2** |
| **POC27** | **234** | **Product/Service ID**<br>Identifying number for a product or service. | **X** | **AN** | **1/40** |

**Segment:** **PO3** **Additional Item Detail**
**Position:** 030
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** 25
**Purpose:** To specify additional item related data involving variations in normal price/quantity structure.
**Notes:** 1. Use this 2/PO3/030 segment to provide additional information applicable to the item cited POC01.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:** 1 If PO304 is present, then at least one of PO303 or PO305 is required.
**Semantic Notes:**
**Comments:** 1 Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).
2 PO307 defines the unit of measure for PO306.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | **PO301** | **371** | **Change Reason Code**<br>Code specifying the reason for price or quantity change.<br>AQ Alternate Quantity and Unit of Measure<br>*Use to specify that the CLIN, SUBCLIN, or ELIN has an alternate quantity and unit of measure (e.g., POC03/POC05 could cite 10,000 LB and PO306/07 could cite 10 SH. Both quantities and units of measure are applicable to the item being purchased - steel plates).*<br>EV Estimated Quantity<br>*Use to indicate the quantity for the CLIN, SUBCLIN, or ELIN cited in POC01 is an estimate.*<br>MC Pack/Size Measure Difference<br>MP Minimum Order<br>*Use to indicate that a minimum order (either price or quantity) is required.*<br>PC Pack Difference<br>QH Quantity on Hand<br>QT Quantity Price Break<br>*Use to indicate the quantity represents a price break for the buying party.*<br>SC Size Difference<br>UM Unit of Measure Difference | **M** | **ID** | **2/2** |
| **X** | **PO302** | **373** | **Date**<br>Date (YYMMDD). | **O** | **DT** | **6/6** |
| | **PO303** | **236** | **Price Identifier Code**<br>Code identifying pricing specification. | **X** | **ID** | **3/3** |

*Use any code.*

Refer to 003050 Data Element Dictionary for acceptable code values.

| | | | | | | |
|---|---|---|---|---|---|---|
| | PO304 | 212 | **Unit Price**<br>Price per unit of product, service, commodity, etc. | O | R | 1/17 |
| | PO305 | 639 | **Basis of Unit Price Code**<br>Code identifying the type of unit price for an item.<br>*Use any code.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 2/2 |
| >> | PO306 | 380 | **Quantity**<br>Numeric value of quantity.<br>*Due to the mandatory nature of this data element, when PO301 is code EV, MC, MP, PC, QH, QT, SC, or UM, repeat the quantity cited in POC03.* | M | R | 1/15 |
| >> | PO307 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken<br>*1. Use any code.*<br><br>*2. Due to the mandatory nature of this data element, when PO301 is code EV, MC, MP, PC, QH, QT, SC, or UM, repeat the unit of measure cited in POC05.*<br><br>*3. An application program conversion table may be required to convert agency codes to X12 codes.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | M | ID | 2/2 |
| X | PO308 | 352 | **Description**<br>A free-form description to clarify the related data elements and their content. | O | AN | 1/80 |

**Segment:** **CTP** **Pricing Information**
**Position:** 040
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** >1
**Purpose:** To specify pricing information
**Notes:** 1. Use this segment to specify various prices for the CLIN, SUBCLIN, or ELIN cited in POC01 for a basic procurement instrument, e.g., requirements, indefinite quantity etc. These include prices for step ladder quantities; for different packaging requirements, i.e., level A, B, or C Preservation or Packing; or for delivery to various geographic locations (zones).

2. Example of step ladder quantity prices for quantities 1-10, 11-20, 21-30, and 31-50:

CTP**PBQ**1*EA n/l
CTP**ICL*25.00*10*EA n/l
CTP**ICL*24.50*20*EA n/l
CTP**ICL*23.50*30*EA n/l
CTP**MAX*22.00*50*EA n/l

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 If either CTP04 or CTP05 is present, then the other is required.
2 If CTP06 is present, then CTP07 is required.
3 If CTP09 is present, then CTP02 is required.
4 If CTP10 is present, then CTP02 is required.

**Semantic Notes:**
1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2 CTP08 is the rebate amount.

**Comments:**
1 See Figures Appendix for an example detailing the use of CTP03 and CTP04. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| X | **CTP01** | 687 | **Class of Trade Code**<br>Code indicating class of trade.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/2** |
| | **CTP02** | 236 | **Price Identifier Code**<br>Code identifying pricing specification.<br>*Use to identify the different prices for a line item.*<br>ALT Alternate Price<br>*Use to indicate a lease-to-purchase price. A request has been submitted to ASC X12 to add a code for Lease-to-Purchase price. If approved, we expect the code to be available for use in ASC X12 Version/Release 3060.*<br>CAT Catalog Price | **X** | **ID** | **3/3** |

*Use to indicate the specified price is the contractor's catalog price.*

ICL Unit Price Through Quantity

*When specifying prices for different quantities, use to indicate the end of a quantity range.*

MAX Maximum Order Quantity Price

*When specifying prices for different quantities, use to indicate the quantity above which the price will not change.*

PAP Protection Level Price

*Use to specify the price for the packaging protection level (preservation) cited in CTP10.*

PAQ Price Break Quantity(s)

*Use to indicate quantities at which price breaks are offered.*

PBQ Unit Price Beginning Quantity

*When specifying prices for different quantities, use to indicate the beginning of a quantity range.*

PPA Packing Level Price

*Use to specify the price for the packing level cited in CTP10. Data maintenance has been submitted to add this code.*

PUR Purchase

*Use to indicate the price when it is less costly to replace than to repair.*

ZNP Zone Price

*Use to indicate the price for delivery to a zone cited in CTP10.*

| | | | | | | |
|---|---|---|---|---|---|---|
| | CTP03 | 212 | **Unit Price**<br>Price per unit of product, service, commodity, etc. | O | R | 1/17 |
| | CTP04 | 380 | **Quantity**<br>Numeric value of quantity. | X | R | 1/15 |
| | CTP05 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken<br>*1. Use any code.*<br>*2. An application program conversion table may be required to convert agency codes to X12 codes.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 2/2 |
| X | CTP06 | 648 | **Price Multiplier Qualifier**<br>Code indicating the type of price multiplier.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 3/3 |
| X | CTP07 | 649 | **Multiplier**<br>Value to be used as a multiplier to obtain a new value | X | R | 1/10 |
| X | CTP08 | 782 | **Monetary Amount**<br>Monetary amount. | O | R | 1/15 |
| X | CTP09 | 639 | **Basis of Unit Price Code**<br>Code identifying the type of unit price for an item.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |

| | | | | | |
|---|---|---|---|---|---|
| **CTP10** | **499** | **Condition Value** | **O** | **AN** | **1/10** |

Identifies rate restrictions or provisions

*When CTP02 is code PAP, PPA, or ZNP, cite the applicable protection level, packing level or zone to which the price in CTP03 applies.*

**Segment:** **MEA** **Measurements**
**Position:** 049
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** 40
**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001.)
**Notes:** 1. Use the 2/MEA/049 segment to provide information that applies to a specific line item. Use the 1/MEA/200 segment to provide information that applies to all the of line items.

2. This segment can be used to specify the variations in quantity permitted; and for requirements or an indefinite quantity type procurement instruments, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, and the minimum and maximum obligations of the government and contractor.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
2 If MEA05 is present, then MEA04 is required.
3 If MEA06 is present, then MEA04 is required.
4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:**
1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:**
1 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.

**Data Element Summary**

| Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|
| MEA01 | 737 | **Measurement Reference ID Code**<br>Code identifying the broad category to which a measurement applies<br>*Use any code.*<br><br>*BT Batch Limits*<br>*Use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under a requirements or indefinite quantity type award instrument, a task order or a delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and the maximum.*<br><br>*CT Counts*<br>*Use to indicate variations in quantity when expressed as a discrete quantity. Specify the quantity under and/or over in MEA05/06.*<br><br>*LT Lot Limits*<br>*Use to indicate the minimum and maximum limits of the contractor's obligation either in terms of dollars or quantity to deliver under a requirements or* | **O ID 2/2** |

*indefinite quantity type award instrument. Do not use for a purchase order or a delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and the maximum.*

*OL Order Limits*
*Use to indicate the maximum that the government may order from a requirements, or indefinite quantity award instrument in a specified time period. Do not use for a purchase order or a delivery order. Use MEA03 to identify the quantity, MEA04-C00101 to identify the unit of measure, and MEA04-C00104 to identify the time period.*

*PM Permitted*
*Use to indicate the minimum or maximum quantity or dollars permitted per order against a requirements or an indefinite quantity type award instrument. Do not use for a purchase order or a delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and the maximum.*
Refer to 003050 Data Element Dictionary for acceptable code values.

| | | | | | |
|---|---|---|---|---|---|
| **MEA02** | **738** | **Measurement Qualifier** | **O** | **ID** | **1/3** |

Code identifying a specific product or process characteristic to which a measurement applies
*Use any code.*

*MX Maximum*
*When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified period of time.*

*PO Percent of Order (-, +)*
*Use to indicate the variation in quantity permitted when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.*

*RY Ratio*
*When BCH12 in the 860 transaction set is code CA, CB, CH, FB, FC, FF, or FG, use to indicate the proposed Government and contractor share ratio. Identify the Government share in MEA05 and the contractor share in MEA06.*

*TT Time*
*Use to indicate the length of a warranty period. Specify the length of time in MEA03 and the time period in MEA04-C00101.*
Refer to 003050 Data Element Dictionary for acceptable code values.

| | | | | | |
|---|---|---|---|---|---|
| **MEA03** | **739** | **Measurement Value** | **X** | **R** | **1/20** |

The value of the measurement.

| | | | |
|---|---|---|---|
| **MEA04** | **C001** | **Composite Unit of Measure** | **X** |

To identify a composite unit of measure (See Figures Appendix for examples of use.)
*1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a requirements or indefinite quantity type procurement instrument.*

*2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite code MX, MEA03 would cite 10,000, MEA04-1 would cite code EA, and MEA04- 4 would cite code Q1.*

| | | | | | | |
|---|---|---|---|---|---|---|
| >> | C00101 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken<br>*1. Use any code.*<br><br>*2. An application program conversion table may be required to convert agency codes to X12 codes.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | M | ID | 2/2 |
| X | C00102 | 1018 | **Exponent**<br>Power to which a unit is raised. | O | R | 1/15 |
| X | C00103 | 649 | **Multiplier**<br>Value to be used as a multiplier to obtain a new value | O | R | 1/10 |
| | C00104 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken<br>*1. Use any code.*<br><br>*2. An application program conversion table may be required to convert agency codes to X12 codes.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | C00105 | 1018 | **Exponent**<br>Power to which a unit is raised. | O | R | 1/15 |
| X | C00106 | 649 | **Multiplier**<br>Value to be used as a multiplier to obtain a new value | O | R | 1/10 |
| X | C00107 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | C00108 | 1018 | **Exponent**<br>Power to which a unit is raised. | O | R | 1/15 |
| X | C00109 | 649 | **Multiplier**<br>Value to be used as a multiplier to obtain a new value | O | R | 1/10 |
| X | C00110 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | C00111 | 1018 | **Exponent**<br>Power to which a unit is raised. | O | R | 1/15 |
| X | C00112 | 649 | **Multiplier**<br>Value to be used as a multiplier to obtain a new value | O | R | 1/10 |
| X | C00113 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | C00114 | 1018 | **Exponent**<br>Power to which a unit is raised. | O | R | 1/15 |
| X | C00115 | 649 | **Multiplier**<br>Value to be used as a multiplier to obtain a new value | O | R | 1/10 |
| | MEA05 | 740 | **Range Minimum**<br>The value specifying the minimum of the measurement range.<br>*1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity under.* | X | R | 1/20 |

*2. When MEA02 is RY, use to specify the proposed Government share.*

*3. When MEA01 is code BT, LT, or PM, use to specify the minimum amount or quantity.*

*4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).*

| | | | | | | |
|---|---|---|---|---|---|---|
| | **MEA06** | **741** | **Range Maximum** | **X** | **R** | **1/20** |

The value specifying the maximum of the measurement range.

*1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity over.*

*2. When MEA02 is RY, use to specify the proposed contractor share.*

*3. When MEA01 is code BT, LT or PM, use to specify the maximum amount or quantity.*

*4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).*

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **MEA07** | **935** | **Measurement Significance Code** | **O** | **ID** | **2/2** |

Code used to benchmark, qualify or further define a measurement value.

Refer to 003050 Data Element Dictionary for acceptable code values.

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **MEA08** | **936** | **Measurement Attribute Code** | **X** | **ID** | **2/2** |

Code used to express an attribute response when a numeric measurement value cannot be determined.

Refer to 003050 Data Element Dictionary for acceptable code values.

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **MEA09** | **752** | **Surface/Layer/Position Code** | **O** | **ID** | **2/2** |

Code indicating the product surface, layer or position that is being described.

Refer to 003050 Data Element Dictionary for acceptable code values.

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **MEA10** | **1373** | **Measurement Method or Device** | **O** | **ID** | **2/4** |

The method or device used to record the measurement

Refer to 003050 Data Element Dictionary for acceptable code values.

**Segment:** **PID** **Product/Item Description**
**Position:** 050
**Loop:** PID
**Level:** Detail
**Usage:** Optional
**Max Use:** 1
**Purpose:** To describe a product or process in coded or free-form format
**Notes:** 1. Use this segment if it is necessary to provide additional detail applicable to the line item.

2. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 If PID04 is present, then PID03 is required.
2 At least one of PID04 or PID05 is required.
3 If PID07 is present, then PID03 is required.
4 If PID08 is present, then PID03 is required.

**Semantic Notes:**
1 Use PID03 to indicate the organization that publishes the code list being referred to.
2 PID04 should be used for industry-specific product description codes.
3 PID08 describes the physical characteristics of the product identified in PID04. A ``Y'' indicates that the specified attribute applies to this item. A ``N'' indicates it does not apply. Any other value is indeterminate.

**Comments:**
1 If PID01 = ``F'', then PID05 is used. If PID01 = ``S'', then PID04 is used. If PID01 = ``X'', then both PID04 and PID05 are used.
2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3 PID07 specifies the individual code list of the agency specified in PID03.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | **PID01** | **349** | **Item Description Type**<br>Code indicating the format of a description.<br>F Free-form<br>S Structured (From Industry Code List)<br>X Semi-structured (Code and Text) | **M** | **ID** | **1/1** |
| | **PID02** | **750** | **Product/Process Characteristic Code**<br>Code identifying the general class of a product or process characteristic<br>MAC Material Classification<br>Class of material, e.g. prime, secondary, etc.<br>*Use to indicate the item cited in the same POC loop is a surplus item.* | **O** | **ID** | **2/3** |
| | **PID03** | **559** | **Agency Qualifier Code**<br>Code identifying the agency assigning the code values.<br>DF Department of Defense (DoD) | **X** | **ID** | **2/2** |
| | **PID04** | **751** | **Product Description Code**<br>A code from an industry code list which provides specific data about a product characteristic.<br>*When PID02 is code MAC, cite the classification of the item using the following: Cite the letter "N" for new/unused, cite the letter "R" for new/reconditioned, cite the letter "M" for new/modified, or cite the letter "O" for used/overhauled.* | **X** | **AN** | **1/12** |
| | **PID05** | **352** | **Description** | **X** | **AN** | **1/80** |

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

*1. Use, only if necessary, to provide additional information applicable to a line item.*

*2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **PID06** | **752** | **Surface/Layer/Position Code**<br>Code indicating the product surface, layer or position that is being described.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/2** |
| X | **PID07** | **822** | **Source Subqualifier**<br>A reference that indicates the table or text maintained by the Source Qualifier. | **O** | **AN** | **1/15** |
| X | **PID08** | **1073** | **Yes/No Condition or Response Code**<br>Code indicating a Yes or No condition or response.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **1/1** |

**Segment:** **PWK** **Paperwork**
**Position:** 070
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** 25
**Purpose:** To identify the type and transmission of paperwork or supporting information
**Notes:** 1. Use this 2/PWK/070 segment to provide paperwork information that applies to a specific line item. Use the 1/PWK/210 segment to specify paperwork that is applicable to all of the line items.

2. Use this segment to identify paperwork required to pass between the buyer and the seller and how that paperwork is to be transmitted.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:** 1 If either PWK05 or PWK06 is present, then the other is required.
**Semantic Notes:**
**Comments:** 1 PWK05 and PWK06 may be used to identify the addressee by a code number.
2 PWK07 may be used to indicate special information to be shown on the specified report.
3 PWK08 may be used to indicate action pertaining to a report.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | **PWK01** | **755** | **Report Type Code**<br>Code indicating the title or contents of a document, report or supporting item<br>*Use to identify the type of paper work that the contractor is providing or must provide.* | **M ID 2/2** |
| | | | 25 Purchase Plan<br>*Use to indicate a make or buy plan.* | |
| | | | 35 Subcontractor Plan | |
| | | | AE Attachment<br>*Use to indicate some additional document, e.g., list of government furnished property, related to the procurement instrument or modification is being sent by means other than within the transaction set. Specify the nature of the document in PWK07.* | |
| | | | C1 Cost Data Summary<br>*Use to indicate non-certified cost and price data.* | |
| | | | C5 Certified Cost and Price Data | |
| | | | C6 Wage Determination<br>*When used, identify the Wage Determination number in the 2/REF/100 segment using code 2Y in REF01.* | |
| | | | CP Certificate of Compliance (Material Certification)<br>*Use to indicate a Certificate of Conformance.* | |
| | | | CX Cost/Schedule Status Report (C/SSR)<br>Contract status report showing budget, performance, | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | actual, cost variance, schedule variance, budget at complete, estimate at complete, and variance at complete at specified levels of the work breakdown structure | | | |
| | | | CY | Contract Funds Status Report (CFSR)<br>Status report for funds appropriation including commitments, actual cost, forecast of billings, and estimated termination costs | | | |
| | | | DW | Drawing(s) | | | |
| | | | F1 | Cost Performance Report (CPR) Format 1<br>Detailed contract status report including current reporting month values at specified levels of the work breakdown structure | | | |
| | | | F2 | Cost Performance Report (CPR) Format 2<br>Detailed contract status report at specified levels of the organization breakdown structure | | | |
| | | | F3 | Cost Performance Report (CPR) Format 3<br>Contract baseline report that summarizes changes to the contract over a given reporting period with beginning and ending values | | | |
| | | | F4 | Cost Performance Report (CPR) Format 4<br>Contract resource summary report that forecasts labor requirements for the remainder of a contract | | | |
| | | | F5 | Cost Performance Report (CPR) Format 5<br>Contract summary or detail report explaining significant cost or schedule variances | | | |
| | | | IT | Certified Inspection and Test Results | | | |
| | | | MR | Material Inspection and Receiving Report | | | |
| | | | MS | Material Safety Data Sheet | | | |
| | | | PD | Proof of Delivery | | | |
| | | | PJ | Purchasing Specification<br>Specifications, generated by a customer, setting acceptance limits on the properties or performance of the product being purchased; purchasing specifications may additionally supply instructions for packaging, transportation, delivery, and payments<br>*Use to indicate a Statement of Work (SOW).* | | | |
| | | | SD | Support Data for a Request for Quote<br>*Use to indicate supporting technical documentation, e.g., specifications, drawings, engineering data list, bill of materials, etc., are being provided.* | | | |
| | | | SN | Shipping Notice | | | |
| | | | TO | Demand Report<br>*Use to indicate a Contract Data Requirement List (CDRL) deliverable.* | | | |
| | | | UA | Union Agreement | | | |
| | | | US | "BUY AMERICA" Certification of Compliance | | | |
| **PWK02** | **756** | **Report Transmission Code** | | | **O** | **ID** | **1/2** |
| | | Code defining timing, transmission method or format by which reports are to be sent | | | | | |
| | | | BE | By Mail and Electronically | | | |

*Use to indicate E-Mail.*

| | |
|---|---|
| BM | By Mail |
| CF | Courier |
| EL | Electronically Only |
| | *Use to indicate Electronic Data Interchange (EDI).* |
| FX | By Fax |
| WS | With Shipment (With Package) |

| | | | | | | |
|---|---|---|---|---|---|---|
| | **PWK03** | **757** | **Report Copies Needed** | **O** | **N0** | **1/2** |

The number of copies of a report that should be sent to the addressee.

| | | | | | | |
|---|---|---|---|---|---|---|
| | **PWK04** | **98** | **Entity Identifier Code** | **O** | **ID** | **2/2** |

Code identifying an organizational entity, a physical location, or an individual

*Use to identify the recipient of the paperwork. If there is more than one recipient for the same paperwork item, use multiple repetitions of the PWK segment with the same report code in PWK01. Provide the address of the recipient in either the 1/N1/300 or 2/N1/370 segment and/or the communications number of the recipient in either the 1/PER/350 or 2/PER/420 segment.*

| | |
|---|---|
| 7D | Contracting Officer Representative |
| 7N | Party to Receive Proposal |
| BY | Buying Party (Purchaser) |
| | *Use to indicate the Contracting Officer.* |
| C4 | Contract Administration Office |
| | Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area |
| IS | Party to Receive Certified Inspection Report |
| | *Use when PWK01 is code IT or MR.* |
| KF | Audit Office |
| | The office performing the audit |
| KG | Project Manager |
| | The address of the person responsible for the management of a designated project |
| | *Use to indicate the party responsible for a project to include the Advisor under a Grant.* |
| KY | Technical Office |
| PA | Party to Receive Inspection Report |
| PC | Party to Receive Cert. of Conformance (C.A.A.) |
| SM | Party to Receive Shipping Manifest |
| ZD | Party to Receive Reports |
| | The organization designated to receive reports |

| | | | | | | |
|---|---|---|---|---|---|---|
| **X** | **PWK05** | **66** | **Identification Code Qualifier** | **X** | **ID** | **1/2** |

Code designating the system/method of code structure used for Identification Code (67).

| | | | | | | |
|---|---|---|---|---|---|---|
| **X** | **PWK06** | **67** | **Identification Code** | **X** | **AN** | **2/20** |

Code identifying a party or other code.

| | | | | | | |
|---|---|---|---|---|---|---|
| | **PWK07** | **352** | **Description** | **O** | **AN** | **1/80** |

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

*1. Use only if necessary to provide additional information or instructions applicable to a specific paperwork item.*

*2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*

| | | | | | | |
|---|---|---|---|---|---|---|
| | **PWK08** | **C002** | **Actions Indicated** | **O** | | |
| | | | Actions to be performed on the piece of paperwork identified | | | |
| >> | **C00201** | **704** | **Paperwork/Report Action Code** | **M** | **ID** | **1/2** |
| | | | Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. | | | |
| | | | 2 Report to be Filed | | | |
| | | | *When BCA15 is code DG, use to indicate the paperwork required to be provided by the contractor to which a change is being requested.* | | | |
| | | | PV Provided | | | |
| | | | *When BCA15 is code RQ, use to indicate the paperwork the contractor is providing as part of his requested change.* | | | |
| X | **C00202** | **704** | **Paperwork/Report Action Code** | **O** | **ID** | **1/2** |
| | | | Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. Refer to 003050 Data Element Dictionary for acceptable code values. | | | |
| X | **C00203** | **704** | **Paperwork/Report Action Code** | **O** | **ID** | **1/2** |
| | | | Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. Refer to 003050 Data Element Dictionary for acceptable code values. | | | |
| X | **C00204** | **704** | **Paperwork/Report Action Code** | **O** | **ID** | **1/2** |
| | | | Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. Refer to 003050 Data Element Dictionary for acceptable code values. | | | |
| X | **C00205** | **704** | **Paperwork/Report Action Code** | **O** | **ID** | **1/2** |
| | | | Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. Refer to 003050 Data Element Dictionary for acceptable code values. | | | |

**Segment:** **PKG** **Marking, Packaging, Loading**
**Position:** 080
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** 25
**Purpose:** To describe marking, packaging, loading and unloading requirements.
**Notes:** 1. Use this 2/PKG/080 segment if the packaging requirements apply to a specific line item. Use the 2/PKG/480 segment if the packaging requirements apply to a named entity.

2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 At least one of PKG04 PKG05 or PKG06 is required.
2 If PKG04 is present, then PKG03 is required.
3 If PKG05 is present, then PKG01 is required.

**Semantic Notes:**
1 PKG04 should be used for industry-specific packaging description codes.

**Comments:**
1 Use MEA (Measurements) segment to define dimensions, tolerances weights, counts, physical restrictions, etc.
2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used.
3 Use PKG03 to indicate the organization that publishes the code list being referred to.
4 Special marking or tagging data can be given in PKG05 (Description).

**Data Element Summary**

| Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|
| **PKG01** | 349 | **Item Description Type**<br>Code indicating the format of a description.<br>F Free-form<br>S Structured (From Industry Code List)<br>X Semi-structured (Code and Text) | **X ID 1/1** |
| **PKG02** | 753 | **Packaging Characteristic Code**<br>Code specifying the marking, packaging, loading and related characteristics being described.<br>*Use the listed codes to identify applicable packaging requirements.*<br>CD Cleaning or Drying Procedure<br>CT Cushioning Thickness<br>CUD Cushioning and Dunnage<br>HM Hazardous Material<br>IC Intermediate Container<br>LP Level Of Preservation<br>OPI Optional Procedure Indicator | **O ID 1/5** |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | PK | Packing<br>*When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is proposed, cite MIL-STD 2073-2C code X in PKG04.* | | | |
| | | | PM | Preservation Method | | | |
| | | | PML | Preservation Material | | | |
| | | | SMK | Special Marking | | | |
| | | | UC | Unit Container | | | |
| | | | UCL | Unit Container Level | | | |
| | | | WM | Wrapping Material | | | |
| | **PKG03** | **559** | **Agency Qualifier Code**<br>Code identifying the agency assigning the code values. | | **X** | **ID** | **2/2** |
| | | | DF | Department of Defense (DoD) | | | |
| | | | GS | General Services Administration (GSA)<br>Responsible for Federal Specification | | | |
| | | | ZZ | Mutually Defined<br>*Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12. If approved, a code for Federal Government will be available in the ASC X12 Version/Release 3060.* | | | |
| | **PKG04** | **754** | **Packaging Description Code**<br>A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product.<br>*The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD-2073-2C).* | | **X** | **AN** | **1/7** |
| | **PKG05** | **352** | **Description**<br>A free-form description to clarify the related data elements and their content.<br>*1. When PKG04 carries a code indicating that the items will be packed differently than required in the procurement instrument or modification, explain in PKG05.*<br><br>*2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.* | | **X** | **AN** | **1/80** |
| **X** | **PKG06** | **400** | **Unit Load Option Code**<br>Code identifying loading or unloading a shipment<br>Refer to 003050 Data Element Dictionary for acceptable code values. | | **X** | **ID** | **2/2** |

**Segment:** **PO4** **Item Physical Details**
**Position:** 090
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** >1
**Purpose:** To specify the physical qualities, packaging, weights and dimensions relating to the item.
**Notes:** 1. Use this segment to identify the weight, cube, or dimensions of the unit or intermediate pack; or the unit pack quantity or intermediate container quantity; To indicate that palletized loads are required; or to indicate that shrink wrap is required. To specify the unit pack quantity, use PO401, PO403, and PO404 (code UNT). If there are 50 pairs in a unit container, PO401 would cite 50, PO403 would cite code PR, and PO404 would cite code UNT. If it is necessary to specify not only the quantity of items in a unit container, but also the size and unit of measure of those items, use PO401, PO402, PO403, and PO404. In this instance, if there are 24, 12 oz. bottles in the unit container, PO401 would cite 24, PO402 would cite 12, PO403 would cite code OZ, and PO404 would cite code UNT. In either of these examples, the number of unit containers in an intermediate container would be carried in PO414. If only the quantity per intermediate container is required, use code INT in PO404 and cite the quantity in PO414.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 If either PO402 or PO403 is present, then the other is required.
2 If PO405 is present, then PO406 is required.
3 If either PO406 or PO407 is present, then the other is required.
4 If either PO408 or PO409 is present, then the other is required.
5 If PO410 is present, then PO413 is required.
6 If PO411 is present, then PO413 is required.
7 If PO412 is present, then PO413 is required.
8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.

**Semantic Notes:**
**Comments:**
1 PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.
2 PO413 defines the unit of measure for PO410, PO411, and PO412.

**Data Element Summary**

| Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|
| PO401 | 356 | Pack<br>Number of inner pack units per outer pack unit.<br>*1. Use to identify the unit pack quantity.*<br>*2. Cite the number 777777 to indicate a bulk quantity (MIL-STD 2073-2C code BLK).* | O | N0 | 1/6 |
| PO402 | 357 | Size | X | R | 1/8 |

Size of supplier units in pack.

*Use to identify the size of the individual items within a unit container.*

**PO403** **355** **Unit or Basis for Measurement Code** **X ID 2/2**

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

*1. Use any code.*

*2. An application program conversion table may be required to convert agency codes to X12 codes.*

Refer to 003050 Data Element Dictionary for acceptable code values.

**PO404** **103** **Packaging Code** **O AN 3/5**

Code identifying the type of packaging. Part 1. Packaging form. Part 2. Packaging Material.

| | |
|---|---|
| INT | Intermediate Container |
| PAF | Pallet - 4 Way<br>A pallet that permits entry of handling equipment on each of its four sides. |
| PAT | Pallet - 2 Way<br>A pallet that permits entry of handling equipment on opposing two of its four sides. |
| SRW | Shrink Wrap<br>In packaging, a method of securing a unit load by placing a large ``bag'' of plastic film over the components and applying heat to induce shrinkage and cause the bag to tighten around the contents. |
| UNT | Unit<br>*Use to indicate the unit container.* |

**PO405** **187** **Weight Qualifier** **O ID 1/2**

Code defining the type of weight.

*Use any code.*

Refer to 003050 Data Element Dictionary for acceptable code values.

**PO406** **384** **Gross Weight per Pack** **X R 1/9**

Numeric value of gross weight per pack.

*Use to specify the weight of a container. The weight shall be provided to 1 decimal place.*

**PO407** **355** **Unit or Basis for Measurement Code** **X ID 2/2**

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

*1. Use any code.*

*2. An application program conversion table may be required to convert agency codes to X12 codes.*

Refer to 003050 Data Element Dictionary for acceptable code values.

**PO408** **385** **Gross Volume per Pack** **X R 1/9**

Numeric value of gross volume per pack.

*Use this data element to specify the cube of a container. The cube shall be provided to 3 decimal places.*

**PO409** **355** **Unit or Basis for Measurement Code** **X ID 2/2**

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

*1. Use any code.*

*2. An application program conversion table may be required to convert agency codes to X12 codes.*
Refer to 003050 Data Element Dictionary for acceptable code values.

| | | | | | |
|---|---|---|---|---|---|
| **PO410** | **82** | **Length** | **X** | **R** | **1/8** |

Largest horizontal dimension of an object measured when the object is in the upright position.

| | | | | | |
|---|---|---|---|---|---|
| **PO411** | **189** | **Width** | **X** | **R** | **1/8** |

Shorter measurement of the two horizontal dimensions measured with the object in the upright position.

| | | | | | |
|---|---|---|---|---|---|
| **PO412** | **65** | **Height** | **X** | **R** | **1/8** |

Vertical dimension of an object measured when the object is in the upright position.
*Use to specify the depth of the container.*

| | | | | | |
|---|---|---|---|---|---|
| **PO413** | **355** | **Unit or Basis for Measurement Code** | **X** | **ID** | **2/2** |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken.
*1. Use any code.*

*2. An application program conversion table may be required to convert agency codes to X12 codes.*
Refer to 003050 Data Element Dictionary for acceptable code values.

| | | | | | |
|---|---|---|---|---|---|
| **PO414** | **810** | **Inner Pack** | **O** | **N0** | **1/6** |

Number of units in each selling pack.
*Use to specify the quantity of unit containers within an intermediate container.*

**Segment:** **REF** **Reference Numbers**
**Position:** 100
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** >1
**Purpose:** To specify identifying numbers.
**Notes:** 1. Use the 2/REF/100 segment to identify reference numbers that apply to a specific line item. Use the 1/REF/050 segment to identify reference numbers that apply to all of the line items.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.
**Semantic Notes:**
**Comments:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | **REF01** | **128** | **Reference Number Qualifier**<br>Code qualifying the Reference Number. | **M ID 2/2** |
| | | | 2Y Wage Determination<br>*Use to indicate a Department of Labor Wage Determination number.* | |
| | | | 73 Statement of Work (SOW)<br>Description of a product or service to be procured under a contract; statement of requirements<br>*If a SOW is part of the modification or procurement instrument, the PWK segment can be used to indicate how the SOW is being provided.* | |
| | | | 82 Data Item Description (DID) Reference<br>Specific data elements that the government will ask a contractor to provide and are spelled out in specific requirement documents. | |
| | | | 83 Extended (or Exhibit) Line Item Number (ELIN)<br>Identifies specific line items to be delivered for a contract. | |
| | | | 97 Package Number<br>A serial number indicating unit shipped | |
| | | | 9G Department of Defense Form 250 Requirement Code<br>*Use to indicate the inspection and acceptance requirements for a data item specified on the Contract Data Requirements List.* | |
| | | | AH Agreement Number<br>*Use to indicate a Union Agreement.* | |
| | | | CR Customer Reference Number | |
| | | | DG Drawing Number | |
| | | | IQ End Item | |

*Use to indicate an end item to which the line item applies.*

K4 Criticality Designator

A number assigned to a contract or order that expresses the relative importance of that contract or order and thereby assists the contractor in making performance decisions and assists in making production surveillance decisions.

*Use to indicate the surveillance criticality designator applicable to the line item.*

K6 Purchase Description

LT Lot Number

NI Military Standard (MIL-STD) Number

NJ Technical Document Number

NL Technical Order Number

P4 Project Code

*Use to indicate the project nuuber applicable to this line item.*

QC Product Specification Document Number

Model designation of replacement component

S2 Military Specification Number (MILSPEC)

S3 Specification Number

*Use to specify a specification number other than an MIL-SPEC. When used, identify the specification in REF03.*

TN Transaction Reference Number

*Use to indicate the unique reference number of a related transaction set.*

TP Test Specification Number

VQ Related Contract Line Item Number

*Use to indicate a line item in the procurement instrument to which this line item pertains.*

VW Standard

*Use to indicate a standard other than a MIL-STD. When used, identify the standard in REF03.*

ZZ Mutually Defined

*Use to indicate another type of reference number. When used, identify the nature of the number in REF03.*

**REF02** **127** **Reference Number** **X AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

*If a document has a revision or extension, the document number and the revision or extension number should be concatenated and cited in this data element.*

**REF03** **352** **Description** **X AN 1/80**

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

*1. Use, if necessary, to carry additional information applicable to a reference number cited in REF02.*

*2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*

**Segment:** **SAC** **Service, Promotion, Allowance, or Charge Information**
**Position:** 130
**Loop:** SAC
**Level:** Detail
**Usage:** Optional
**Max Use:** 1
**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge.
**Notes:** 1. Use this 2/SAC/130 segment to identify services, allowances, or non-CLIN charges and, if applicable, quantities, that apply to a specific line item. If the services, allowances, or non-CLIN charges apply to all of the line items, use the 1/SAC/120 segment.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 At least one of SAC02 or SAC03 is required.
2 If either SAC03 or SAC04 is present, then the other is required.
3 If either SAC06 or SAC07 is present, then the other is required.
4 If either SAC09 or SAC10 is present, then the other is required.
5 If SAC11 is present, then SAC10 is required.
6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7 If SAC14 is present, then SAC13 is required.

**Semantic Notes:**
1 If SAC01 is A or C, then at least one of SAC05, SAC07, or SAC08 is required.
2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3 SAC08 is the allowance or charge rate per unit.
4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

**Comments:**
1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a ``Dollar Basis Amount''. It is represented in the SAC segment in SAC10 using the qualifier DO - Dollars in SAC09.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | SAC01 | 248 | **Allowance or Charge Indicator**<br>Code which indicates an allowance or charge for the service specified.<br>A Allowance<br>C Charge<br>N No Allowance or Charge | M ID 1/1 |

*Use to indicate there is no charge for the service. specified.*

| | | | | | | |
|---|---|---|---|---|---|---|
| | SAC02 | 1300 | **Service, Promotion, Allowance, or Charge Code**<br>Code identifying the service, promotion, allowance, or charge.<br>*Any code may be used but the listed codes are preferred.*<br><br>*B180 Cleaning Charge*<br>*B610 Container Service Charge USA/Canada*<br>*Use to indicate a reusable container.*<br>*B870 Customs Charge*<br>*C240 Disconnect Charge*<br>*C330 Distribution Fee*<br>*C370 Diversion Charge*<br>*C880 Expediting Premium*<br>*D500 Handling*<br>*D530 Hazardous Cargo Charge*<br>*D660 Hook-up charge*<br>*D820 Inside Delivery*<br>*D870 Inspection*<br>*D890 Installation and Training*<br>*D900 Installation*<br>*E340 Less Than Truckload (LTL) Charge*<br>*Use to indicate a charge for a less than carload or truckload.*<br>*E400 Loading (Labor Charges)*<br>*F150 Packaging Service*<br>*F460 Postage*<br>*F560 Premium Transportation*<br>*F830 Proof of Delivery*<br>*Use to indicate a charge for preparation of a DD Form 250.*<br>*G030 Reconnect charge*<br>*G350 Rents and Leases*<br>*G470 Restocking Charge*<br>*G530 Rework*<br>*G580 Royalties*<br>*G660 Scrap Allowance*<br>*G740 Service Charge*<br>*G760 Set-up*<br>*H170 Special Tooling Charge*<br>*H430 Storage*<br>*H540 Supplemental Items*<br>*Use to indicate Contractor Acquired Parts (CAP).*<br>*H550 Surcharge*<br><br>*H990 Testing Services Charge*<br>*I260 Transportation Direct Billing*<br>*I380 Unloading (Labor Charges)*<br>*I590 Warranties*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 4/4 |
| X | SAC03 | 559 | **Agency Qualifier Code**<br>Code identifying the agency assigning the code values.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 2/2 |
| X | SAC04 | 1301 | **Agency Service, Promotion, Allowance, or Charge Code**<br>Agency maintained code identifying the service, promotion, allowance, or charge. | X | AN | 1/10 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | SAC05 | 610 | **Amount**<br>Monetary amount. | O | N2 | 1/15 |
| | SAC06 | 378 | **Allowance/ Charge Percent Qualifier**<br>Code indicating on what basis allowance or charge percent is calculated.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 1/1 |
| | SAC07 | 332 | **Percent**<br>Percent expressed as a percent<br>*Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).* | X | R | 1/6 |
| | SAC08 | 118 | **Rate**<br>Rate expressed in the standard monetary denomination for the currency specified. | O | R | 1/9 |
| | SAC09 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken.<br>*An application program conversion table may be required to convert agency codes to X12 codes.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 2/2 |
| | SAC10 | 380 | **Quantity**<br>Numeric value of quantity.<br>*If applicable, use to identify the quantity to which the amount in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.* | X | R | 1/15 |
| | SAC11 | 380 | **Quantity**<br>Numeric value of quantity. | O | R | 1/15 |
| X | SAC12 | 331 | **Allowance or Charge Method of Handling Code**<br>Code indicating method of handling for an allowance or charge.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | SAC13 | 127 | **Reference Number**<br>Reference number or identification number as defined for a particular. Transaction Set, or as specified by the Reference Number Qualifier. | X | AN | 1/30 |
| X | SAC14 | 770 | **Option Number**<br>A unique number identifying available promotion or allowance options when more than one is offered. | O | AN | 1/20 |
| X | SAC15 | 352 | **Description**<br>A free-form description to clarify the related data elements and their content. | O | AN | 1/80 |

**Segment:** **ITD** **Terms of Sale/Deferred Terms of Sale**
**Position:** 150
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** 2
**Purpose:** To specify terms of sale.
**Notes:** 1. Use this 2/ITD/150 segment when discounts vary by line item. Use the 1/ITD/130 segment when the discount applies to all of the line items.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.

**Semantic Notes:**
1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.

**Comments:**
1 If the code in ITD01 is 04, then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is 05, then ITD06 or ITD07 is required.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| X | ITD01 | 336 | **Terms Type Code**<br>Code identifying type of payment terms.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | ITD02 | 333 | **Terms Basis Date Code**<br>Code identifying the beginning of the terms period.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 1/2 |
| | ITD03 | 338 | **Terms Discount Percent**<br>Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date. | O | R | 1/6 |
| X | ITD04 | 370 | **Terms Discount Due Date**<br>Date payment is due if discount is to be earned. | X | DT | 6/6 |
| | ITD05 | 351 | **Terms Discount Days Due**<br>Number of days in the terms discount period by which payment is due if terms discount is earned. | X | N0 | 1/3 |
| X | ITD06 | 446 | **Terms Net Due Date**<br>Date when total invoice amount becomes due. | O | DT | 6/6 |
| X | ITD07 | 386 | **Terms Net Days**<br>Number of days until total invoice amount is due (discount not applicable). | O | N0 | 1/3 |
| X | ITD08 | 362 | **Terms Discount Amount**<br>Total amount of terms discount. | O | N2 | 1/10 |
| X | ITD09 | 388 | **Terms Deferred Due Date**<br>Date deferred payment or percent of invoice payable is due. | O | DT | 6/6 |
| X | ITD10 | 389 | **Deferred Amount Due**<br>Deferred amount due for payment. | X | N2 | 1/10 |
| X | ITD11 | 342 | **Percent of Invoice Payable**<br>Amount of invoice payable expressed in percent. | X | R | 1/5 |

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **ITD12** | **352** | **Description**<br>A free-form description to clarify the related data elements and their content. | **O** | **AN** | **1/80** |
| X | **ITD13** | **765** | **Day of Month**<br>The numeric value of the day of the month between 1 and the maximum day of the month being referenced. | **X** | **N0** | **1/2** |
| X | **ITD14** | **107** | **Payment Method Code**<br>Code identifying type of payment procedures.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **1/1** |
| X | **ITD15** | **954** | **Percent**<br>Percentage expressed as a decimal | **O** | **R** | **1/10** |

**Segment:** **DIS** **Discount Detail**
**Position:** 160
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** 20
**Purpose:** To specify the exact type and terms of various discount information.
**Notes:** 1. Use this 2/DIS/160 segment to identify volume discounts applicable to the line item that are based on the dollar value purchased.

2. Use the 2/N9/350 segment, with N901 citing code L1, and the 2/MSG/360 segment to specify other volume or promotional discounts that apply to all of the line items or the entire order.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
**Semantic Notes:** 1 DIS05 is the minimum for application of the discount.
2 DIS06 is the maximum for application of the discount.
**Comments:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | DIS01 | 653 | **Discount Terms Type Code**<br>Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | M | ID | 3/3 |
| >> | DIS02 | 654 | **Discount Base Qualifier**<br>Code to define unit of discount, i.e., dollars, cases, alternate products, etc.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | M | ID | 2/2 |
| >> | DIS03 | 655 | **Discount Base Value**<br>A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount. | M | R | 1/10 |
| >> | DIS04 | 656 | **Discount Control Limit Qualifier**<br>Code to define the units of the limits for determining discount.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | M | ID | 2/3 |
| >> | DIS05 | 657 | **Discount Control Limit**<br>Amount or time associated with application of the discount. | M | N0 | 1/10 |
| | DIS06 | 657 | **Discount Control Limit**<br>Amount or time associated with application of the discount. | O | N0 | 1/10 |

**Segment:** **FOB** **F.O.B. Related Instructions**
**Position:** 180
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** >1
**Purpose:** To specify transportation instructions relating to shipment.
**Notes:** 1. Use the 2/FOB/180 segment to specify an FOB point and acceptance location for a specific line item. Use the 1/FOB/080 segment to specify an FOB point and acceptance location that applies to all of the line items.

2. This segment is not used when the procurement instrument or modification is for a service without deliverables or construction.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 If FOB03 is present, then FOB02 is required.
2 If FOB04 is present, then FOB05 is required.
3 If FOB07 is present, then FOB06 is required.
4 If FOB08 is present, then FOB09 is required.

**Semantic Notes:**
1 FOB01 indicates which party will pay the carrier.
2 FOB02 is the code specifying transportation responsibility location.
3 FOB06 is the code specifying the title passage location.
4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

**Comments:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | **FOB01** | **146** | **Shipment Method of Payment**<br>Code identifying payment terms for transportation charges. | **M ID 2/2** |

BP Paid by Buyer
The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location).
*Use to indicate a Government Bill of Lading (GBL) will be issued.*

PE Prepaid and Summary Bill
*Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.*

PP Prepaid (by Seller)
*Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on this instrument's invoice.*

PS Paid by Seller
The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location).

*Use to indicate transportation charges are included in the unit price.*

**FOB02** 309 **Location Qualifier** **X ID 1/2**

Code identifying type of location.

*Use to identify the FOB point.*

| | |
|---|---|
| DE | Destination (Shipping) |
| FV | Free Alongside Vessel (Free On Board [F.O.B.] Point) |
| IT | Intermediate FOB Point<br>A location indicating the point of destination is not the origin or final destination but rather at some other point<br>*Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC in N101.* |
| KE | Port of Embarkation<br>*Use to indicate that the FOB Point is an overseas port of embarkation, either aerial or water, for delivery of government furnished completed end items. Provide the address in the N1 loop, citing code KX in N101.* |
| KL | Port of Loading<br>*Use to indicate that the FOB Point is a port of loading. Provide the address in the N1 loop, citing code KX in N101.* |
| KP | Government Furnished Property FOB Point<br>*Use to indicate that the FOB point is for delivery of Government Furnished Property. Provide the address in the N1 loop, citing code KX in N101.* |
| OR | Origin (Shipping Point) |
| ZZ | Mutually Defined<br>*Use to indicate another FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.* |

X **FOB03** 352 **Description** **O AN 1/80**

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

X **FOB04** 334 **Transportation Terms Qualifier Code** **O ID 2/2**

Code identifying the source of the transportation terms.

Refer to 003050 Data Element Dictionary for acceptable code values.

X **FOB05** 335 **Transportation Terms Code** **X ID 3/3**

Code identifying the trade terms which apply to the shipment transportation responsibility.

Refer to 003050 Data Element Dictionary for acceptable code values.

**FOB06** 309 **Location Qualifier** **X ID 1/2**

Code identifying type of location.

*Use to identify the acceptance point. This code also identifies the inspection location unless N101 in the 2/N1/370 loop is Code L1.*

| | |
|---|---|
| DE | Destination (Shipping) |
| OR | Origin (Shipping Point) |
| ZZ | Mutually Defined<br>*Use to indicate the acceptance point is neither at origin nor at destination. Provide the acceptance point address in the N1 loop, citing code KZ in N101; provide the inspection point in another iteration of the* |

*N1 loop, citing code L1 in N101.*

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **FOB07** | **352** | **Description**<br>A free-form description to clarify the related data elements and their content. | **O** | **AN** | **1/80** |
| X | **FOB08** | **54** | **Risk of Loss Qualifier**<br>Code specifying where responsibility for risk of loss passes.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/2** |
| X | **FOB09** | **352** | **Description**<br>A free-form description to clarify the related data elements and their content. | **X** | **AN** | **1/80** |

**Segment:** **DTM** **Date/Time Reference**
**Position:** 200
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** 10
**Purpose:** To specify pertinent dates and times.
**Notes:** 1. Use this 2/DTM/200 segment when dates apply to a specific line item. If the dates apply to all of the line items, use the 1/DTM/150 segment.

2. Use this segment for delivery information when the required delivery can be specified as an actual date. If the required delivery schedule is expressed as a set time period after the occurrence of some event, use the 2/LDT/335 loop or the 2/LDT/485 loop if the delivery schedule is applicable to a named entity.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:** 1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.

**Semantic Notes:**
**Comments:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | DTM01 | 374 | **Date/Time Qualifier**<br>Code specifying type of date or time, or both date and time. | M ID 3/3 |
| | | | 017 Estimated Delivery | |
| | | | 063 Do Not Deliver After<br>*Use to indicate that deliveries cannot be made before a specified date and/or time.* | |
| | | | 064 Do Not Deliver Before<br>*Use to indicate that deliveries cannot be made before a specified date and/or time.* | |
| | | | 065 1st Schedule Delivery | |
| | | | 066 1st Schedule Ship | |
| | | | 069 Promised for Delivery<br>*Use to indicate the exact date the contractor proposes to make delivery.* | |
| | | | 075 Promised for Delivery (Prior to and Including)<br>*Use to indicate the date on or before which the contractor proposes to make delivery.* | |
| | | | 078 Promised for Delivery (Week of)<br>*When this code is used, cite the beginning date of the week.* | |
| | | | 174 Month Ending<br>*Use to indicate a delivery requirement on the last day of the specified month.* | |
| | | | 193 Period Start | |

*Use to indicate the performance period start date.*

194 Period End

*Use to indicate the performance period end date.*

227 Lease Term Start

228 Lease Term End

368 Submittal

Date an item was submitted to a customer

*When REF01 is code TN, use to indicate the date of a related transaction set.*

375 Delivery Start

The date that deliveries will begin

*Use to indicate the start date for deliveries when the total quantity is to be delivered during a specified time period.*

376 Delivery End

The date that deliveries will end

*Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.*

600 As Of

*Use to indicate the "as of" date for submission of data.*

601 First Submission

*Use to indicate the date of the first submission of a data item specified by a Contract Data Requirements List.*

602 Subsequent Submission

*Use to indicate the date(s) of a subsequent submission(s) of a data item specified by a Contract Data Requirements List.*

800 Midpoint of Performance

*Use to indicate the date when half the effort in terms of dollars or hours will be completed.*

937 Department of Labor Wage Determination Date

*Use to indicate the date of a Department of Labor Wage Determination.*

**DTM02 373 Date** **X DT 6/6**

Date (YYMMDD).

**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)

*If applicable, use to identify the time for a delivery. Specify the time only in HHMM format.*

**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.

*1. Use only when DTM03 is used to express a time.*

CT Central Time

| | | | | | | |
|---|---|---|---|---|---|---|
| | | ET | Eastern Time | | | |
| | | GM | Greenwich Mean Time | | | |
| | | LT | Local Time | | | |
| | | MT | Mountain Time | | | |
| | | PT | Pacific Time | | | |
| **DTM05** | **624** | **Century** | | **O** | **N0** | **2/2** |
| | | The first two characters in the designation of the year (CCYY). | | | | |
| **DTM06** | **1250** | **Date Time Period Format Qualifier** | | **X** | **ID** | **2/3** |
| | | Code indicating the date format, time format, or date and time format. | | | | |
| | | *1. Use any code.* | | | | |
| | | *2. Use to qualify a date when necessary to express the date in other than YYMMDD format. Use also, to qualify a range of dates or times.* | | | | |
| | | Refer to 003050 Data Element Dictionary for acceptable code values. | | | | |
| **DTM07** | **1251** | **Date Time Period** | | **X** | **AN** | **1/35** |
| | | Expression of a date, a time, or range of dates, times or dates and times. | | | | |
| | | *Use to identify a time range for deliveries on a specified date, e.g., use code RTM in DTM06 to qualify a delivery time range for March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.* | | | | |

**Segment:** **TD5** **Carrier Details (Routing Sequence/Transit Time)**
**Position:** 240
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** 12
**Purpose:** To specify the carrier, sequence of routing and to provide transit time information.
**Notes:** 1. Use the 2/TD5/240 segment to identify the transportation method that is applicable to a specific line item. Use the 2/TD5/450 segment if the transportation method for the line item applies to a named entity.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
2 If TD502 is present, then TD503 is required.
3 If TD507 is present, then TD508 is required.
4 If TD510 is present, then TD511 is required.

**Semantic Notes:**

**Comments:**
1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement: use TD502 to identify the party responsible for defining the routing sequence; use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| X | TD501 | 133 | **Routing Sequence Code**<br>Code describing the relationship of a carrier to a specific shipment movement.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 1/2 |
| | TD502 | 66 | **Identification Code Qualifier**<br>Code designating the system/method of code structure used for Identification Code (67).<br>10 Department of Defense Activity Address Code (DODAAC)<br>*When TD504 is code PL, use to indicate the DoDAAC of the pipeline.* | X | ID | 1/2 |
| | TD503 | 67 | **Identification Code**<br>Code identifying a party or other code. | X | AN | 2/20 |
| | TD504 | 91 | **Transportation Method/Type Code**<br>Code specifying the method or type of transportation for the shipment.<br>*1. Use any code.*<br>*2. An application program conversion table may be required to convert agency codes to X12 codes.*<br>*D Parcel Post*<br>*Use to indicate the U.S. Postal Service and not a private carrier.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 1/2 |
| X | TD505 | 387 | **Routing** | X | AN | 1/35 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | Free-form description of the routing or requested routing for shipment, or the originating carrier's identity. | | | |
| X | **TD506** | 368 | **Shipment/Order Status Code**<br>Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/2** |
| X | **TD507** | 309 | **Location Qualifier**<br>Code identifying type of location.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **1/2** |
| X | **TD508** | 310 | **Location Identifier**<br>Code which identifies a specific location. | **X** | **AN** | **1/30** |
| X | **TD509** | 731 | **Transit Direction Code**<br>The point of origin and point of direction.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/2** |
| X | **TD510** | 732 | **Transit Time Direction Qualifier**<br>Code specifying the value of time used to measure the transit time.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/2** |
| X | **TD511** | 733 | **Transit Time**<br>The numeric amount of transit time. | **X** | **R** | **1/4** |
| | **TD512** | 284 | **Service Level Code**<br>Code defining service<br>*Use any codes.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/2** |

**Segment:** **TD4** **Carrier Details (Special Handling or Hazardous Materials or Both)**
**Position:** 260
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** 5
**Purpose:** To specify transportation special handling requirements or hazardous materials information or both.
**Notes:** 1. Use the 2/TD4/260 segment to provide special handling or hazardous material information that applies to a specific line item. Use the 2/TD4/470 segment when the information applies to a named entity.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:** 1 At least one of TD401 TD402 or TD404 is required.
2 If TD402 is present, then TD403 is required.

**Semantic Notes:**
**Comments:**

**Data Element Summary**

| Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|
| **TD401** | **152** | **Special Handling Code**<br>Code specifying special transportation handling instructions.<br>*Any code may be used but the listed codes are preferred.*<br><br>*AMM A.M. Delivery Requirement*<br>*DA Dangerous*<br>*EP Expedite*<br>*EX Explosive Flammable Gas*<br>*FG Flammable Gas*<br>*FL Flammable*<br>*FP Flammable Poison Gas*<br>*HM Endorsed as Hazardous Material*<br>*LT Less Than Full Carload*<br>*LTT Less Than Truckload*<br>*PG Poisonous Gas*<br>*PMM P.M. Delivery Requirement*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/3** |
| **TD402** | **208** | **Hazardous Material Code Qualifier**<br>Code which qualifies the Hazardous Material Class Code (209).<br>*Use any code.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **1/1** |
| **TD403** | **209** | **Hazardous Material Class Code**<br>Code specifying the kind of hazard for a material. | **X** | **AN** | **2/4** |
| **TD404** | **352** | **Description**<br>A free-form description to clarify the related data elements and their content.<br>*Use of free form text is discouraged if the information can be provided by some other means within the transaction set.* | **X** | **AN** | **1/80** |

**Segment:** **TXI** **Tax Information**
**Position:** 265
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** >1
**Purpose:** To specify tax information.
**Notes:** Use this 2/TXI/265 segment to identify taxes that apply to individual line item amounts. Use the 1/TXI/275 segment to identify taxes that apply to the entire order amount.
**Syntax Notes:**
1 At least one of TXI02 TXI03 or TXI06 is required.
2 If either TXI04 or TXI05 is present, then the other is required.
3 If TXI08 is present, then TXI03 is required.
**Semantic Notes:**
1 TXI07 is a code indicating the relationship of the price or amount to the associated segment.
**Comments:**
1 TXI02 is the monetary amount of the tax.
2 TXI03 is the tax percent expressed as a decimal.
3 If TXI02 is not used, then the application of the percent (TXI03) is between trading partners.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | TXI01 | 963 | **Tax Type Code**<br>Code specifying the type of tax.<br>*Use any code.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | M | ID | 2/2 |
| | TXI02 | 782 | **Monetary Amount**<br>Monetary amount. | X | R | 1/15 |
| | TXI03 | 954 | **Percent**<br>Percentage expressed as a decimal<br>*Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).* | X | R | 1/10 |
| X | TXI04 | 955 | **Tax Jurisdiction Code Qualifier**<br>Code identifying the source of the data used in tax jurisdiction code.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 2/2 |
| X | TXI05 | 956 | **Tax Jurisdiction Code**<br>Code identifying the taxing jurisdiction. | X | AN | 1/10 |
| X | TXI06 | 441 | **Tax Exempt Code**<br>Code identifying exemption status from sales and use tax.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 1/1 |
| | TXI07 | 662 | **Relationship Code**<br>Code indicating the relationship between entities.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 1/1 |
| | TXI08 | 828 | **Dollar Basis For Percent**<br>Dollar basis to be used in the percent calculation of the allowance, charge or tax. | O | R | 1/9 |
| X | TXI09 | 325 | **Tax Identification Number**<br>Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.), often called a tax exemption number or certificate number. | O | AN | 1/20 |
| X | TXI10 | 350 | **Assigned Identification**<br>Alphanumeric characters assigned for differentiation within a transaction set. | O | AN | 1/11 |

**Segment:** **MAN** **Marks and Numbers**
**Position:** 290
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** 10
**Purpose:** To indicate identifying marks and numbers for shipping containers.
**Notes:** 1. Use the 2/MAN/270 segment to provide marks and numbers that apply to a specific line item. Use the 1/MAN/290 segment to identify marks and numbers that apply to all of the line items.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 If either MAN04 or MAN05 is present, then the other is required.
2 If MAN06 is present, then MAN05 is required.

**Semantic Notes:**
1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

**Comments:**
1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | MAN01 | 88 | **Marks and Numbers Qualifier**<br>Code specifying the application or source of Marks and Numbers (87).<br>L Line Item Only | M | ID | 1/2 |
| >> | MAN02 | 87 | **Marks and Numbers**<br>Marks and numbers used to identify a shipment or parts of a shipment. | M | AN | 1/45 |
| | MAN03 | 87 | **Marks and Numbers**<br>Marks and numbers used to identify a shipment or parts of a shipment. | O | AN | 1/45 |
| | MAN04 | 88 | **Marks and Numbers Qualifier**<br>Code specifying the application or source of Marks and Numbers (87).<br>L Line Item Only | X | ID | 1/2 |
| | MAN05 | 87 | **Marks and Numbers**<br>Marks and numbers used to identify a shipment or parts of a shipment. | X | AN | 1/45 |
| | MAN06 | 87 | **Marks and Numbers**<br>Marks and numbers used to identify a shipment or parts of a shipment. | O | AN | 1/45 |

**Segment:** **SPI** **Specification Identifier**
**Position:** 291
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** >1
**Purpose:** To provide a description of the included specification or technical data items.
**Notes:** 1. Use this segment to identify those elements of the draft modification or proposed change that are classified or have a commercial security protection level and to specify the level of classification.

2. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:** 1 If either SPI02 or SPI03 is present, then the other is required.
**Semantic Notes:**
**Comments:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | SPI01 | 786 | **Security Level Code**<br>Code indicating the level of confidentiality assigned by the sender to the information following.<br>*Use to specify the level of government security classification or commercial protection level assigned to the items identified in SPI02/03. If the item has both a government security classification and a commercial protection level, cite the government security classification in this data element and cite the commercial protection level in SPI09.*<br>06 Supplier Proprietary<br>11 Competition Sensitive<br>92 Government Confidential<br>93 Government Secret<br>94 Government Top Secret | **M** | **ID** | **2/2** |
| | SPI02 | 128 | **Reference Number Qualifier**<br>Code qualifying the Reference Number.<br>*1. Use to identify items within the transaction set that are either government classified, e.g., FMS case number, drawing number, SOW, or those that have a commercial protection assigned by the contractor. Use SPI04 to further define the number or description of the item cited in SPI03, if necessary.*<br>*2. Use any code.*<br>*DD Document Identification Code*<br>*Use to indicate an Engineering Data List.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/2** |
| | SPI03 | 127 | **Reference Number**<br>Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. | **X** | **AN** | **1/30** |
| | SPI04 | 790 | **Entity Title**<br>Title of the data entity.<br>*Use only if necessary to further define the item cited in SPI03.* | **O** | **AN** | **1/132** |
| X | SPI05 | 791 | **Entity Purpose** | **O** | **AN** | **1/80** |

The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction.

| | | | | | | |
|---|---|---|---|---|---|---|
| X | SPI06 | 792 | **Entity Status Code**<br>Code indicating the current status of the data item specified by the electronic data item.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 1/1 |
| X | SPI07 | 353 | **Transaction Set Purpose Code**<br>Code identifying purpose of transaction set.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | SPI08 | 755 | **Report Type Code**<br>Code indicating the title or contents of a document, report or supporting item<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| | SPI09 | 786 | **Security Level Code**<br>Code indicating the level of confidentiality assigned by the sender to the information following.<br>*When SPI01 is code 92, 93, or 94, use to identify the commercial protection level assigned to the item in SPI03, if applicable.*<br>06 Supplier Proprietary<br>11 Competition Sensitive | O | ID | 2/2 |
| X | SPI10 | 559 | **Agency Qualifier Code**<br>Code identifying the agency assigning the code values.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | SPI11 | 822 | **Source Subqualifier**<br>A reference that indicates the table or text maintained by the Source Qualifier. | O | AN | 1/15 |
| X | SPI12 | 554 | **Assigned Number**<br>Number assigned for differentiation within a transaction set. | O | N0 | 1/6 |
| X | SPI13 | 1322 | **Certification Type Code**<br>Code indicating the type of certification<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 1/1 |
| X | SPI14 | 1401 | **Proposal Data Detail Identifier Code**<br>Code identifying the basis of a cited value in a proposal.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 1/3 |

**Segment:** **MSG** **Message Text**
**Position:** 292
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** >1
**Purpose:** To provide a free form format that would allow the transmission of text information.
**Notes:** 1. Use to provide plain text information not associated with a lead time, a clause, or an address.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

**Syntax Notes:**
**Semantic Notes:**
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | MSG01 | 933 | **Free-Form Message Text**<br>Free-form message text. | M | AN | 1/264 |
| X | MSG02 | 934 | **Printer Carriage Control Code**<br>A field to be used for the control of the line feed of the receiving printer.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |

**Segment:** **AMT** **Monetary Amount**
**Position:** 300
**Loop:** POC
**Level:** Detail
**Usage:** Optional
**Max Use:** 1
**Purpose:** To indicate the total monetary amount.
**Notes:** When BCA15 is code DG or RQ, use to identify an added the line item total price or unit price increase or decrease.
**Syntax Notes:**
**Semantic Notes:**
**Comments:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | **AMT01** | **522** | **Amount Qualifier Code**<br>Code to qualify amount<br>1 Line Item Total<br>*Use only when the requested change adds a line item to the procurement instrument.*<br>ZR Increase<br>*Use to indicate an increase in the line item unit price.*<br>ZS Decrease<br>*Use to indicate a decrease in the line item unit price.* | **M ID 1/2** |
| >> | **AMT02** | **782** | **Monetary Amount**<br>Monetary amount. | **M R 1/15** |
| X | **AMT03** | **478** | **Credit/Debit Flag Code**<br>Code indicating whether amount is a credit or debit<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O ID 1/1** |

**Segment:** **SCH** **Line Item Schedule**
**Position:** 305
**Loop:** SCH
**Level:** Detail
**Usage:** Optional
**Max Use:** 1
**Purpose:** To specify the data for scheduling a specific line item.
**Notes:** 1. Use the 2/SCH/220 segment to identify a partial delivery when it can be specified as an actual date and there is only one ship-to addressee. If there is more than one entity receiving partial shipments, use the 2/SCH/435 segment.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 If SCH03 is present, then SCH04 is required.
2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.
3 If SCH09 is present, then SCH08 is required.
4 If SCH10 is present, then SCH08 is required.

**Semantic Notes:**
1 SCH12 is the schedule identification.

**Comments:**
1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | SCH01 | 380 | **Quantity**<br>Numeric value of quantity. | M | R | 1/15 |
| >> | SCH02 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken.<br>*1. Use any code.*<br>*2. An application program conversion table may be required to convert agency codes to X12 codes.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | M | ID | 2/2 |
| X | SCH03 | 98 | **Entity Identifier Code**<br>Code identifying an organizational entity, a physical location, or an individual.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | SCH04 | 93 | **Name**<br>Free-form name. | X | AN | 1/35 |
| >> | SCH05 | 374 | **Date/Time Qualifier**<br>Code specifying type of date or time, or both date and time.<br>017 Estimated Delivery<br>063 Do Not Deliver After<br>*Use to indicate that deliveries cannot be made before a specified date and/or time.*<br>064 Do Not Deliver Before<br>*Use to indicate that deliveries cannot be made before a specified date and/or time.*<br>065 1st Schedule Delivery<br>066 1st Schedule Ship | M | ID | 3/3 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | 069 | Promised for Delivery<br>*Use to indicate the exact date the contractor proposes to make delivery.* | | |
| | | | | 075 | Promised for Delivery (Prior to and Including)<br>*Use to indicate the date on or before which the contractor proposes to make delivery.* | | |
| | | | | 078 | Promised for Delivery (Week of)<br>*When this code is used, cite the beginning date of the week.* | | |
| | | | | 174 | Month Ending<br>*When this code is used, cite the last date of the month.* | | |
| | | | | 358 | Cycle Begin<br>Date on which the cycle begins | | |
| | | | | 375 | Delivery Start<br>The date that deliveries will begin<br>*Use to indicate the start date for deliveries when the total quantity is to be delivered during a specified time period.* | | |
| >> | **SCH06** | **373** | **Date**<br>Date (YYMMDD). | | | **M** | **DT 6/6** |
| | **SCH07** | **337** | **Time**<br>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)<br>*If applicable, use to identify the time for a delivery. Specify the time only in HHMM format.* | | | **O** | **TM 4/8** |
| | **SCH08** | **374** | **Date/Time Qualifier**<br>Code specifying type of date or time, or both date and time. | | | **X** | **ID 3/3** |
| | | | | 017 | Estimated Delivery | | |
| | | | | 063 | Do Not Deliver After<br>*Use to indicate that deliveries cannot be made before a specified date and/or time.* | | |
| | | | | 064 | Do Not Deliver Before<br>*Use to indicate that deliveries cannot be made before a specified date and/or time.* | | |
| | | | | 069 | Promised for Delivery<br>*Use to indicate the exact date the contractor proposes to make delivery.* | | |
| | | | | 075 | Promised for Delivery (Prior to and Including)<br>*Use to indicate the date on or before which the contractor proposes to make delivery.* | | |
| | | | | 078 | Promised for Delivery (Week of)<br>*When this code is used, cite the beginning date of the week.* | | |
| | | | | 174 | Month Ending<br>*When this code is used, cite the last date of the month.* | | |
| | | | | 359 | Cycle End<br>Date on which the cycle ends | | |
| | | | | 376 | Delivery End<br>The date that deliveries will end | | |

*Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.*

| | | | | | | |
|---|---|---|---|---|---|---|
| | SCH09 | 373 | **Date**<br>Date (YYMMDD). | X | DT | 6/6 |
| | SCH10 | 337 | **Time**<br>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)<br>*If applicable, use to identify the time for a delivery. Specify the time only in HHMM format.* | X | TM | 4/8 |
| X | SCH11 | 326 | **Request Reference Number**<br>Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number). | O | AN | ⅓5 |
| X | SCH12 | 350 | **Assigned Identification**<br>Alphanumeric characters assigned for differentiation within a transaction set. | O | AN | 1/11 |

**Segment:** **LDT** **Lead Time**
**Position:** 335
**Loop:** LDT
**Level:** Detail
**Usage:** Optional
**Max Use:** 1
**Purpose:** To specify lead time for availability of products and services.
**Notes:** 1. Use this 2/LDT/335 loop when the delivery schedule is expressed as a set time period after the occurrence of some event and varies by line item. If the delivery schedule is applicable to a named entity, use the 2/LDT 485 loop. If this segment is used, the 2/DTM/200 segment is not used to describe delivery schedule.

2. The following are examples of how the LDT loop can be used to specify a delivery schedule:

Example 1: Deliver 50 each 180 days after the date of the order.

LDT*AY*180*DA n/l
QTY*1J*50*EA n/l

Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after the date of the order.

LDT*AY*180*DA n/l
QTY*1J*50*MO n/l

Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after the date of the order until half the order is completed, then 1000 per month until the total order is complete.

LDT*AY*90*DA n/l
QTY*1J*2500*Q1 n/l
QTY*1K*4*Q1 n/l
LDT*AM*1*MO n/l
QTY*1J*1000*MO n/l
88QTY*1K*10*MO n/l
LDT*AK*1*MO n/l
QTY*1J*500*EA n/l

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
**Semantic Notes:** 1 LDT04 is the effective date of lead time information.
**Comments:** 1 LDT02 is the quantity of Unit of Time Periods.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | **LDT01** | **345** | **Lead Time Code**<br>Code indicating the time range.<br>AA From date of PO receipt to sample ready. | **M ID 2/2** |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | AD | From date of sample approval to first product shipment. | | | |
| | | | AE | From date of PO receipt to shipment. | | | |
| | | | AF | From date of PO receipt to delivery. | | | |
| | | | AH | From Date of Receipt of First Article to First Article Approval. | | | |
| | | | AI | From Date of a Specified Event to Delivery.<br>*When this code is used, identify the specified event in the following MSG segment.* | | | |
| | | | AJ | From Date of First Delivery to Date of Subsequent Delivery(ies). | | | |
| | | | AK | From Date Of Latest Delivery To Final Delivery. | | | |
| | | | AM | From Date Of Previous Delivery To Date Of Subsequent Delivery. | | | |
| | | | AP | From Date of Award to Midpoint of Effort. | | | |
| | | | AV | From Date of Award to Date of Latest Delivery. | | | |
| | | | AW | From Date of Award to Date of Earliest Delivery. | | | |
| | | | AX | From Date of Award to Date of Completion. | | | |
| | | | AY | From Date of Award to Date of Delivery. | | | |
| | | | AZ | From Date of Receipt of Item to Date of Approval of Item. | | | |
| >> | **LDT02** | **380** | **Quantity**<br>Numeric value of quantity. | | **M** | **R** | **1/15** |
| >> | **LDT03** | **344** | **Unit of Time Period or Interval**<br>Code indicating the time period or interval. | | **M** | **ID** | **2/2** |
| | | | CY | Calendar Year | | | |
| | | | DA | Calendar Days | | | |
| | | | KK | Maximum Calendar Days<br>*Use to indicate a flexible time period, e.g., X number of days or less.* | | | |
| | | | MO | Month | | | |
| | | | QY | Quarter of a Year | | | |
| | | | SA | Semiannual | | | |
| | | | WK | Weeks | | | |
| | **LDT04** | **373** | **Date**<br>Date (YYMMDD).<br>*Use to cite a date relevant to the lead time, For example, the start date of the cited activity.* | | **O** | **DT** | **6/6** |

**Segment:** **QTY** **Quantity**
**Position:** 340
**Loop:** LDT
**Level:** Detail
**Usage:** Optional
**Max Use:** >1
**Purpose:** To specify quantity information.
**Notes:** 1. Use this segment to specify the quantity that is to be delivered in accordance with a delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, weeks, months, quarters, years.

2. Use also, to indicate the length of the delivery period, e.g., 4 quarters or the number of shipments.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
**Semantic Notes:**
**Comments:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | | | Attributes | | |
|---|---|---|---|---|---|---|---|---|
| >> | **QTY01** | 673 | **Quantity Qualifier** | | | **M** | **ID** | **2/2** |
| | | | Code specifying the type of quantity. | | | | | |
| | | | | 1J | Due | | | |
| | | | | | The amount due to the customer. | | | |
| | | | | | *Use to indicate the quantity to be delivered.* | | | |
| | | | | 1K | Time Units | | | |
| | | | | | The number of time units such as 8 (hours). | | | |
| | | | | | *Use to indicate the length of the delivery period.* | | | |
| | | | | 52 | Number of Originals | | | |
| | | | | | *Use to indicate the number of regular copies of a data item on a Contract Data Requirements List that are to be delivered.* | | | |
| | | | | K6 | Drafts | | | |
| | | | | | *Use to indicate the number of draft copies of a data item on a Contract Data Requirements List that are to be delivered.* | | | |
| | | | | KF | Duplicates | | | |
| | | | | | *Use to indicate the number of reproducible copies of a data item on a Contract Data Requirements list that are to be delivered.* | | | |
| | | | | SA | Shipments | | | |
| | | | | | *Use to indicate the number of shipments expected to complete the deliverable quantity.* | | | |
| >> | **QTY02** | **380** | **Quantity** | | | **M** | **R** | **1/15** |

Numeric value of quantity.

*1. When QTY01 is code 1J, cite the quantity to be delivered.*

*2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4, and in QTY03 identify the time measurement of the delivery period, e.g., months.*

**QTY03 355 Unit or Basis for Measurement Code O ID 2/2**

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

*1. Use any code.*

*2. An application program conversion table may be required to convert agency codes to X12 codes.*

*DA Days*
*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

*MO Months*
*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

*Q1 Quarter (Time)*
*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

*WK Week*
*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

*YR Years*
*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*
Refer to 003050 Data Element Dictionary for acceptable code values.

**Segment:** **MSG** **Message Text**
**Position:** 342
**Loop:** LDT
**Level:** Detail
**Usage:** Optional
**Max Use:** 1
**Purpose:** To provide a free form format that would allow the transmission of text information.
**Notes:** 1. When LDT01 is code AI, use to identify the specified event.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
**Semantic Notes:**
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | **MSG01** | **933** | **Free-Form Message Text**<br>Free-form message text. | **M** | **AN** | **1/264** |
| **X** | **MSG02** | **934** | **Printer Carriage Control Code**<br>A field to be used for the control of the line feed of the receiving printer.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **2/2** |

**Segment:** **LM** **Code Source Information**
**Position:** 344
**Loop:** LM
**Level:** Detail
**Usage:** Optional
**Max Use:** 1
**Purpose:** To transmit standard code list identification information.
**Notes:** 1. Use this 2/LM/344 loop to provide the codes from DoD 5010.12-M that identify the frequency of delivery for a CDRL data item.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
**Semantic Notes:**
**Comments:** 1 LM02 identifies the applicable industry code list source information.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | LM01 | 559 | **Agency Qualifier Code**<br>Code identifying the agency assigning the code values.<br>DF Department of Defense (DoD) | M | ID | 2/2 |
| X | LM02 | 822 | **Source Subqualifier**<br>A reference that indicates the table or text maintained by the Source Qualifier. | O | AN | 1/15 |

**Segment:** **LQ** **Industry Code**
**Position:** 346
**Loop:** LM
**Level:** Detail
**Usage:** Mandatory
**Max Use:** >1
**Purpose:** Code to transmit standard industry codes.
**Notes:** 1. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

2. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:** 1 If LQ01 is present, then LQ02 is required.
**Semantic Notes:**
**Comments:**

**Data Element Summary**

| Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|
| LQ01 | 1270 | **Code List Qualifier Code**<br>Code identifying a specific industry code list.<br>FX Frequency<br>*Use to indicate the delivery frequency code for a data item deliverable on a Contract Data Requirements List (DD Form 1423).* | **O ID 1/3** |
| LQ02 | 1271 | **Industry Code**<br>Code indicating a code from a specific industry code list | **X AN 1/20** |

**Segment:** **N9** **Reference Number**
**Position:** 350
**Loop:** N9
**Level:** Detail
**Usage:** Optional
**Max Use:** 1
**Purpose:** To transmit identifying numbers and descriptive information as specified by the reference number qualifier.
**Notes:** 1. Use this 2/N9/350 loop to provide information that is applicable to a specific line item. If the information applies to all of the line items, use the 1/N9/280 loop.

2. When BCA15 is code DG, this loop can be used to provide certifications, representations, or fill-in information, that is not provided elsewhere within the transaction set, as required by a clause identified in the Purchase Order Change Request - Buyer Initiated, 860 transaction set.

3. When an alternate section is applicable to a cited clause, the alpha/numeric alternate identifier and date must be cited in the following MSG segment.

4. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment.

5. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

6. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:** 1 At least one of N902 or N903 is required.
2 If N906 is present, then N905 is required.
**Semantic Notes:** 1 N906 reflects the time zone which the time reflects.
**Comments:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | | Attributes |
|---|---|---|---|---|---|
| >> | N901 | 128 | **Reference Number Qualifier** | | M ID 2/2 |
| | | | Code qualifying the Reference Number. | | |
| | | | 73 | Statement of Work (SOW) | |
| | | | | Description of a product or service to be procured under a contract; statement of requirements. | |
| | | | BB | Authorization Number | |
| | | | | Proves that permission was obtained to provide a service. *Use to indicate the Code of Federal Regulations.* | |
| | | | CJ | Clause Number | |
| | | | | *Use to indicate a purchasing activity clause (i.e., a clause not found in FAR/DFAR/FIRMR, etc.). Identify the purchasing activity issuing the clause in N903.* | |
| | | | DF | Defense Federal Acquisition Regulations (DFAR) | |
| | | | DX | Department/Agency Number | |
| | | | | *Use to indicate an Agency clause and identify agency in N903.* | |
| | | | EC | Circular | |

*Use to indicate an Office of Management and Budget (OMB) circular number.*

| | |
|---|---|
| FA | Federal Acquisition Regulations (FAR) |
| GS | General Services Administration Regulations (GSAR) |
| H4 | Federal Information Resources Management Regulation |
| KR | Response to a Request for Quotation Reference<br>A discrete number assigned for identification purpose to a response to a request for quotation.<br>*Use to indicate fill-in information required by the number cited in N902 is being provided in the following MSG segment.* |
| KT | Request for Quotation Reference<br>A discrete number assigned for identification purposes to a request for quotation.<br>*When BCA15 is code DG, use to indicate exceptions are being taken to items contained in the draft modification and are specified in the following MSG segment. Insert the word "Exception" in N903 when this code is used.* |
| KW | Certification<br>A number, taken from an acquisition regulation, which represents a specific certification that must be made by a prospective vendor before a contract or order can be placed with that vendor.<br>*Use to indicate a certification required by the number cited in N902 is being provided in the following MSG segment.* |
| KX | Representation<br>A number, taken from an acquisition regulation, which represents a specific representation that must be made by a prospective vendor before a contract or order can be placed with that vendor.<br>*Use to indicate a representation required by the number cited in N902 is being provided in the following MSG segment.* |
| KY | Site Specific Procedures, Terms, and Conditions<br>A set of procedures, terms, and conditions, applicable to a category of procurement emanating from a specific location, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents. |
| KZ | Master Solicitation Procedures, Terms, and Conditions<br>A set of standard procedures, terms, and conditions, applicable to a category of procurement, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents.<br>*Use to indicate the Master Solicitation number that contains applicable terms and conditions.* |
| L1 | Letters or Notes<br>*Use to indicate general information, comments or notes are being provided by the contractor in the following* |

*MSG segment. Insert the word "Note" in N903 when this code is used.*

VB Department of Veterans Affairs Acquisition Regulations (VAAR)

ZZ Mutually Defined

*Use to indicate that amounts applicable to incentive or cost sharing contracts are being provided in the MSG segment. When used, insert the word "Amounts" in N903.*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | N902 | 127 | **Reference Number** | **X** | **AN** | **1/30** |
| | | | Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. | | | |
| | N903 | 369 | **Free-form Description** | **X** | **AN** | **1/45** |
| | | | Free-form descriptive text. | | | |
| | | | *1. When N901 is code CJ or DX, use to identify the agency, or purchasing activity issuing the clause or special instruction cited in N902.* | | | |
| | | | *2. When N901 is code KT, cite the word "exception"; when N901 is code L1, cite the word "note"; when N901 is code ZZ, insert the word "Amounts."* | | | |
| | N904 | 373 | **Date** | **O** | **DT** | **6/6** |
| | | | Date (YYMMDD). | | | |
| | | | *Use to identify the date of the clause cited in N902. The DD (day) portion of the date is always 01.* | | | |
| X | N905 | 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) | | | |
| X | N906 | 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. Refer to 003050 Data Element Dictionary for acceptable code values. | | | |

**Segment:** **MSG** **Message Text**
**Position:** 360
**Loop:** N9
**Level:** Detail
**Usage:** Optional
**Max Use:** 1000
**Purpose:** To provide a free form format that would allow the transmission of text information.
**Notes:** 1. Use this 2/MSG/360 segment to identify exceptions to the draft modification (N901 is code KT), to provide a certification, representation or fill-in information (N901 is code KR, KW, or KX); when N901 is code ZZ, to identify amounts applicable to incentive or cost sharing contracts, or to request changes.

2. When providing a certification, representation or fill-in information, the clause title, if cited, and the alternate identifier and date, if applicable, will be the first data provided. This data will be followed by a numeric designation of the number of data items being provided. Each data item will be preceded by the paragraph or section identifier in the clause where the certification, representation, or fill-in information is to be inserted(if identifiers are included in the clause). If there is no alpha or numeric designator, the required information will immediately follow the numeric designation of the data items being provided. If the information to be provided is to be selected from provided responses within the clause, cite the information that is selected.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
**Semantic Notes:**
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | MSG01 | 933 | **Free-Form Message Text**<br>Free-form message text. | M | AN | 1/264 |
| X | MSG02 | 934 | **Printer Carriage Control Code**<br>A field to be used for the control of the line feed of the receiving printer.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |

**Segment:** **N1** **Name**
**Position:** 370
**Loop:** N1
**Level:** Detail
**Usage:** Optional
**Max Use:** 1
**Purpose:** To identify a party by type of organization, name and code.
**Notes:** 1. Use the 2/N1/370 segment to identify organizations and locations that apply to a specific line item. Use the 1/N1/300 segment to identify organizations or locations apply to all of the line items.

2. Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when address information cannot be provided using one of the codes listed in N103.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**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.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | N101 | 98 | **Entity Identifier Code**<br>Code identifying an organizational entity, a physical location, or an individual. | **M ID 2/2** |

| | |
|---|---|
| 28 | Subcontractor |
| 31 | Postal Mailing Address<br>*Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party in N102 and the N2 segment, if necessary.* |
| 61 | Performed At<br>The facility where work was performed.<br>*Use to indicate the place of performance when it is other than the contractor's mailing address.* |
| 7G | Hazardous Material Office |
| 7H | Government Furnished Property FOB Point |
| 7L | Preliminary Inspection Location<br>*Use to indicate the inspection location for a first article.* |
| 7P | Transportation Office |
| AE | Additional Delivery Address |

*Use to indicate a shipment in-place location.*

IC Intermediate Consignee
*When FOB02 is code IT, use to indicate a freight forwarder.*

IS Party to Receive Certified Inspection Report

KG Project Manager
The address of the person responsible for the management of a designated project.

KX Free on Board Point
*When FOB02 is code KE, KL, KP, or ZZ, use to specify the other FOB point.*

KY Technical Office

KZ Acceptance Location
*Use when the acceptance point is other than at origin or destination.*

L1 Inspection Location
Place where the item was viewed or inspected.

PW Pick Up Address

ST Ship To
*Use to indicate the address to which an item must be shipped. If the ship-to address is an FPO or APO, cite FPO or APO in N102 and identify the FPO or APO in the N4 segment using N403, N405, and N406.*

SV Service Performance Site
When services are contracted for, this describes the organization for whom or location address at which those services will be performed.
*Use to indicate the location where a service, e.g., grass cutting, is to be performed.*

X2 Party to Perform Packaging
A party responsible for packaging an item after it has been produced.

Z7 Mark-for Party
The party for whom the needed material is intended.

| | | | | | |
|---|---|---|---|---|---|
| **N102** | **93** | **Name** | **X** | **AN** | **1/35** |

Free-form name.

| | | | | | |
|---|---|---|---|---|---|
| **N103** | **66** | **Identification Code Qualifier** | **X** | **ID** | **1/2** |

Code designating the system/method of code structure used for Identification Code (67).
*While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.*

1 D-U-N-S Number, Dun & Bradstreet
*Use of the DUNS number is preferred over other codes to identify a named party.*

10 Department of Defense Activity Address Code (DODAAC)
*Use to indicate a Department of Defense or Civilian Agency Activity Address code.*

33 Commercial and Government Entity (CAGE)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | A2 | Military Assistance Program Address Code (MAPAC)<br>Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity. | | | |
| | N104 | 67 | **Identification Code**<br>Code identifying a party or other code. | | **X** | **AN** | **2/20** |
| X | N105 | 706 | **Entity Relationship Code**<br>Code describing entity relationship.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | | **O** | **ID** | **2/2** |
| X | N106 | 98 | **Entity Identifier Code**<br>Code identifying an organizational entity, a physical location, or an individual.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | | **O** | **ID** | **2/2** |

**Segment:** N2 **Additional Name Information**
**Position:** 380
**Loop:** N1
**Level:** Detail
**Usage:** Optional
**Max Use:** 2
**Purpose:** To specify additional names or those longer than 35 characters in length.
**Notes:** This segment is not necessary when the entity cited in N101 is described using a code in N103/N104.
**Syntax Notes:**
**Semantic Notes:**
**Comments:**

**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**
**Position:** 390
**Loop:** N1
**Level:** Detail
**Usage:** Optional
**Max Use:** 2
**Purpose:** To specify the location of the named party.
**Notes:** This segment is not necessary when the entity cited in N101 is described using a code in N103/N104.
**Syntax Notes:**
**Semantic Notes:**
**Comments:**

**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**
**Position:** 400
**Loop:** N1
**Level:** Detail
**Usage:** Optional
**Max Use:** 1
**Purpose:** To specify the geographic place of the named party.
**Notes:** This segment is not necessary when the entity cited in N101 is described using a code in N103/N104.
**Syntax Notes:** 1 If N406 is present, then N405 is required.
**Semantic Notes:**
**Comments:** 1 A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the USA or Canada.

**Data Element Summary**

| Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|
| N401 | 19 | **City Name** | O | AN | 2/30 |
| | | 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 | 3/11 |
| | | Code defining international postal zone code excluding punctuation and blanks (zip code for United States). | | | |
| N404 | 26 | **Country Code** | O | ID | 2/3 |
| | | Code identifying the country. | | | |
| N405 | 309 | **Location Qualifier** | X | ID | 1/2 |
| | | Code identifying type of location. | | | |
| | | AR Armed Services Location Designation | | | |
| | | *Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO).* | | | |
| N406 | 310 | **Location Identifier** | O | AN | 1/30 |
| | | Code which identifies a specific location. | | | |

**Segment:** **SCH** **Line Item Schedule**
**Position:** 435
**Loop:** N1
**Level:** Detail
**Usage:** Optional
**Max Use:** 200
**Purpose:** To specify the data for scheduling a specific line item.
**Notes:** 1. Use this segment to identify a partial delivery when it can be specified as an actual date and is applicable to a named entity.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 If SCH03 is present, then SCH04 is required.
2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.
3 If SCH09 is present, then SCH08 is required.
4 If SCH10 is present, then SCH08 is required.

**Semantic Notes:**
1 SCH12 is the schedule identification.

**Comments:**
1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | SCH01 | 380 | **Quantity**<br>Numeric value of quantity. | M | R | 1/15 |
| >> | SCH02 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken.<br>*1. Use any code.*<br>*2. An application program conversion table may be required to convert agency codes to X12 codes.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | M | ID | 2/2 |
| X | SCH03 | 98 | **Entity Identifier Code**<br>Code identifying an organizational entity, a physical location, or an individual.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | SCH04 | 93 | **Name**<br>Free-form name. | X | AN | 1/35 |
| >> | SCH05 | 374 | **Date/Time Qualifier**<br>Code specifying type of date or time, or both date and time.<br>017 Estimated Delivery<br>063 Do Not Deliver After<br>*Use to indicate that deliveries cannot be made before a specified date and/or time.*<br>064 Do Not Deliver Before<br>*Use to indicate that deliveries cannot be made before a specified date and/or time.*<br>065 1st Schedule Delivery<br>066 1st Schedule Ship<br>069 Promised for Delivery | M | ID | 3/3 |

*Use to indicate the exact date the contractor proposes to make delivery.*

075 Promised for Delivery (Prior to and Including)

*Use to indicate the date on or before which the contractor proposes to make delivery.*

078 Promised for Delivery (Week of)

*When this code is used, cite the beginning date of the week.*

174 Month Ending

*When this code is used, cite the last date of the month.*

358 Cycle Begin

Date on which the cycle begins.

375 Delivery Start

The date that deliveries will begin.

*Use to indicate the start date for deliveries when the total quantity is to be delivered during a specified time period.*

| | | | | | | |
|---|---|---|---|---|---|---|
| >> | **SCH06** | **373** | **Date** | **M** | **DT** | **6/6** |

Date (YYMMDD).

| | | | | | | |
|---|---|---|---|---|---|---|
| | **SCH07** | **337** | **Time** | **O** | **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)

*If applicable, use to identify the time for a delivery. Specify the time only in HHMM format.*

| | | | | | | |
|---|---|---|---|---|---|---|
| | **SCH08** | **374** | **Date/Time Qualifier** | **X** | **ID** | **3/3** |

Code specifying type of date or time, or both date and time.

063 Do Not Deliver After

*Use to indicate that deliveries cannot be made after a specified date and/or time.*

064 Do Not Deliver Before

*Use to indicate that deliveries cannot be made before a specified date and/or time.*

069 Promised for Delivery

*Use to indicate the exact date the contractor proposes to make delivery.*

075 Promised for Delivery (Prior to and Including)

*Use to indicate the date on or before which the contractor proposes to make delivery.*

078 Promised for Delivery (Week of)

*When this code is used, cite the beginning date of the week.*

174 Month Ending

*When this code is used, cite the last date of the month.*

375 Delivery Start

The date that deliveries will begin.

*Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.*

376 Delivery End

The date that deliveries will end.

*Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.*

| | | | | | | |
|---|---|---|---|---|---|---|
| | SCH09 | 373 | **Date**<br>Date (YYMMDD). | **X** | **DT** | **6/6** |
| | SCH10 | 337 | **Time**<br>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)<br>*If applicable, use to identify the time for a delivery. Specify the time only in HHMM format.* | **X** | **TM** | **4/8** |
| X | SCH11 | 326 | **Request Reference Number**<br>Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number). | **O** | **AN** | **1/45** |
| X | SCH12 | 350 | **Assigned Identification**<br>Alphanumeric characters assigned for differentiation within a transaction set. | **O** | **AN** | **1/11** |

**Segment:** **TD5** **Carrier Details (Routing Sequence/Transit Time)**
**Position:** 450
**Loop:** N1
**Level:** Detail
**Usage:** Optional
**Max Use:** 12
**Purpose:** To specify the carrier, sequence of routing and to provide transit time information.
**Notes:** 1. Use this 2/TD5/450 segment when the transportation method is applicable to a named entity for a specific line item.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
2 If TD502 is present, then TD503 is required.
3 If TD507 is present, then TD508 is required.
4 If TD510 is present, then TD511 is required.

**Semantic Notes:**

**Comments:**
1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement: use TD502 to identify the party responsible for defining the routing sequence; use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| X | TD501 | 133 | **Routing Sequence Code**<br>Code describing the relationship of a carrier to a specific shipment movement.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 1/2 |
| | TD502 | 66 | **Identification Code Qualifier**<br>Code designating the system/method of code structure used for Identification Code (67).<br>10 Department of Defense Activity Address Code (DODAAC)<br>*When TD504 is code PL, use to indicate the DoDAAC of the pipeline.* | X | ID | 1/2 |
| | TD503 | 67 | **Identification Code**<br>Code identifying a party or other code. | X | AN | 2/20 |
| | TD504 | 91 | **Transportation Method/Type Code**<br>Code specifying the method or type of transportation for the shipment.<br>*1. Use any code.*<br>*2. An application program conversion table may be required to convert agency codes to X12 codes.*<br>*D Parcel Post*<br>*Use to indicate the U.S. Postal Service and not a private carrier.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 1/2 |
| X | TD505 | 387 | **Routing**<br>Free-form description of the routing or requested routing for shipment, or the originating carrier's identity. | X | AN | 1/35 |

| | | | | | | |
|---|---|---|---|---|---|---|
| X | TD506 | 368 | **Shipment/Order Status Code**<br>Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 2/2 |
| X | TD507 | 309 | **Location Qualifier**<br>Code identifying type of location.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 1/2 |
| X | TD508 | 310 | **Location Identifier**<br>Code which identifies a specific location. | X | AN | 1/30 |
| X | TD509 | 731 | **Transit Direction Code**<br>The point of origin and point of direction.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | TD510 | 732 | **Transit Time Direction Qualifier**<br>Code specifying the value of time used to measure the transit time.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |
| X | TD511 | 733 | **Transit Time**<br>The numeric amount of transit time. | X | R | 1/4 |
| | TD512 | 284 | **Service Level Code**<br>Code defining service<br>*Use any code.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 2/2 |

**Segment:** **TD4** **Carrier Details (Special Handling or Hazardous Materials or Both)**
**Position:** 470
**Loop:** N1
**Level:** Detail
**Usage:** Optional
**Max Use:** 5
**Purpose:** To specify transportation special handling requirements or hazardous materials information or both.
**Notes:** 1. Use this 2/TD4/470 segment when special handling or hazardous material information is applicable to a named entity for a specific line item.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:** 1 At least one of TD401 TD402 or TD404 is required.
2 If TD402 is present, then TD403 is required.

**Semantic Notes:**
**Comments:**

**Data Element Summary**

| Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|
| **TD401** | **152** | **Special Handling Code**<br>Code specifying special transportation handling instructions.<br>*Any code may be used but the listed codes are preferred.*<br><br>*AMM A.M. Delivery Requirement*<br>*DA Dangerous*<br>*EP Expedite*<br>*EX Explosive Flammable Gas*<br>*FG Flammable Gas*<br>*FL Flammable*<br>*FP Flammable Poison Gas*<br>*HM Endorsed as Hazardous Material*<br>*LT Less Than Full Carload*<br>*LTT Less Than Truckload*<br>*PG Poisonous Gas*<br>*PMM P.M. Delivery Requirement*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **2/3** |
| **TD402** | **208** | **Hazardous Material Code Qualifier**<br>Code which qualifies the Hazardous Material Class Code (209).<br>*Use any code.*<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **X** | **ID** | **1/1** |
| **TD403** | **209** | **Hazardous Material Class Code**<br>Code specifying the kind of hazard for a material. | **X** | **AN** | **2/4** |
| **TD404** | **352** | **Description**<br>A free-form description to clarify the related data elements and their content.<br>*Use of free form text is discouraged if the information can be provided by some other means within the transaction set.* | **X** | **AN** | **1/80** |

**Segment:** **PKG** **Marking, Packaging, Loading**
**Position:** 480
**Loop:** N1
**Level:** Detail
**Usage:** Optional
**Max Use:** 25
**Purpose:** To describe marking, packaging, loading and unloading requirements.
**Notes:** 1. Use this 2/PKG/480 segment to identify packaging requirements applicable to a named entity for a specific line item.

2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.

3. When different physical detail information is required for the same line item going to various ship-to addressees, SUBCLINS must be used.

4. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

5. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 At least one of PKG04 PKG05 or PKG06 is required.
2 If PKG04 is present, then PKG03 is required.
3 If PKG05 is present, then PKG01 is required.

**Semantic Notes:**
1 PKG04 should be used for industry-specific packaging description codes.

**Comments:**
1 Use MEA (Measurements) segment to define dimensions, tolerances weights, counts, physical restrictions, etc.
2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used.
3 Use PKG03 to indicate the organization that publishes the code list being referred to.
4 Special marking or tagging data can be given in PKG05 (Description).

**Data Element Summary**

| Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|
| PKG01 | 349 | **Item Description Type**<br>Code indicating the format of a description.<br>F Free-form<br>S Structured (From Industry Code List)<br>X Semi-structured (Code and Text) | **X ID 1/1** |
| PKG02 | 753 | **Packaging Characteristic Code**<br>Code specifying the marking, packaging, loading and related characteristics being described.<br>*Use the listed codes to identify applicable packaging requirements.*<br>CD Cleaning or Drying Procedure<br>CT Cushioning Thickness<br>CUD Cushioning and Dunnage<br>HM Hazardous Material<br>IC Intermediate Container<br>LP Level Of Preservation | **O ID 1/5** |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | OPI | Optional Procedure Indicator | | | |
| | | | PK | Packing<br>*When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is proposed, cite MIL-STD 2073-2C code X in PKG04.* | | | |
| | | | PM | Preservation Method | | | |
| | | | PML | Preservation Material | | | |
| | | | SMK | Special Marking | | | |
| | | | UC | Unit Container | | | |
| | | | UCL | Unit Container Level | | | |
| | | | WM | Wrapping Material | | | |
| | **PKG03** | **559** | **Agency Qualifier Code**<br>Code identifying the agency assigning the code values. | | **X** | **ID** | **2/2** |
| | | | DF | Department of Defense (DoD) | | | |
| | | | GS | General Services Administration (GSA)<br>Responsible for Federal Specification | | | |
| | | | ZZ | Mutually Defined<br>*Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12. If approved, a code for Federal Government will be available in the ASC X12 Version/Release 3060.* | | | |
| | **PKG04** | **754** | **Packaging Description Code**<br>A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product.<br>*The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD-2073-2C).* | | **X** | **AN** | **1/7** |
| | **PKG05** | **352** | **Description**<br>A free-form description to clarify the related data elements and their content.<br>*1. When PKG04 carries a code indicating that the items will be packed differently than required in the procurement instrument or modification, explain in PKG05.*<br><br>*2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.* | | **X** | **AN** | **1/80** |
| X | **PKG06** | **400** | **Unit Load Option Code**<br>Code identifying loading or unloading a shipment<br>Refer to 003050 Data Element Dictionary for acceptable code values. | | **X** | **ID** | **2/2** |

**Segment:** **LDT** **Lead Time**
**Position:** 485
**Loop:** LDT
**Level:** Detail
**Usage:** Optional
**Max Use:** 1
**Purpose:** To specify lead time for availability of products and services.
**Notes:** 1. Use this 2/LDT/485 loop if the delivery schedule is expressed as a set time period after the occurrence of some event and the ship-to-address differs by line item. If the delivery schedule is the same for all ship-to addressees for the line item, use the 2/LDT/335 loop.

2. The following are examples of how the LDT loop can be used to specify a delivery schedule:

Example 1: Deliver 50 each 180 days after the date of the order.

LDT*AY*180*DA n/l
QTY*1J*50*EA n/l

Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after the date of the order.

LDT*AY*180*DA n/l
QTY*1J*50*MO n/l

Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after the date of the order until half the order is completed, then 1000 per month until the total order is complete.

LDT*AY*90*DA n/l
QTY*1J*2500*Q1 n/l
QTY*1K*4*Q1 n/l
LDT*AM*1*MO n/l
QTY*1J*1000*MO n/l
QTY*1K*10*MO n/l
LDT*AK*1*MO n/l
QTY*1J*500*EA n/l

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
**Semantic Notes:** 1 LDT04 is the effective date of lead time information.
**Comments:** 1 LDT02 is the quantity of Unit of Time Periods.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | LDT01 | 345 | **Lead Time Code**<br>Code indicating the time range. | M ID 2/2 |
| | | | AA From date of PO receipt to sample ready. | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | AD | From date of sample approval to first product shipment. | | | |
| | | | AE | From date of PO receipt to shipment. | | | |
| | | | AF | From date of PO receipt to delivery. | | | |
| | | | AH | From Date of Receipt of First Article to First Article Approval. | | | |
| | | | AI | From Date of a Specified Event to Delivery.<br>*When this code is used, identify the specified event in the following MSG segment.* | | | |
| | | | AJ | From Date of First Delivery to Date of Subsequent Delivery(ies). | | | |
| | | | AK | From Date Of Latest Delivery To Final Delivery. | | | |
| | | | AM | From Date Of Previous Delivery To Date Of Subsequent Delivery. | | | |
| | | | AP | From Date of Award to Midpoint of Effort. | | | |
| | | | AV | From Date of Award to Date of Latest Delivery. | | | |
| | | | AW | From Date of Award to Date of Earliest Delivery. | | | |
| | | | AX | From Date of Award to Date of Completion. | | | |
| | | | AY | From Date of Award to Date of Delivery. | | | |
| | | | AZ | From Date of Receipt of Item to Date of Approval of Item. | | | |
| >> | **LDT02** | **380** | **Quantity**<br>Numeric value of quantity. | | **M** | **R** | **1/15** |
| >> | **LDT03** | **344** | **Unit of Time Period or Interval**<br>Code indicating the time period or interval. | | **M** | **ID** | **2/2** |
| | | | CY | Calendar Year | | | |
| | | | DA | Calendar Days | | | |
| | | | KK | Maximum Calendar Days<br>*Use to indicate a flexible time period, e.g., X number of days or less.* | | | |
| | | | MO | Month | | | |
| | | | QY | Quarter of a Year | | | |
| | | | SA | Semiannual | | | |
| | | | WK | Weeks | | | |
| | **LDT04** | **373** | **Date**<br>Date (YYMMDD).<br>*Use to cite a date relevant to the lead time, For example, the start date of the cited activity.* | | **O** | **DT** | **6/6** |

**Segment:** **MAN** **Marks and Numbers**
**Position:** 486
**Loop:** LDT
**Level:** Detail
**Usage:** Optional
**Max Use:** 10
**Purpose:** To indicate identifying marks and numbers for shipping containers.
**Notes:** 1. Use this segment to specify marks and numbers associated with a ship-to addressee.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
1 If either MAN04 or MAN05 is present, then the other is required.
2 If MAN06 is present, then MAN05 is required.

**Semantic Notes:**
1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

**Comments:**
1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | MAN01 | 88 | **Marks and Numbers Qualifier**<br>Code specifying the application or source of Marks and Numbers (87).<br>L Line Item Only | M | ID | 1/2 |
| >> | MAN02 | 87 | **Marks and Numbers**<br>Marks and numbers used to identify a shipment or parts of a shipment. | M | AN | 1/45 |
| | MAN03 | 87 | **Marks and Numbers**<br>Marks and numbers used to identify a shipment or parts of a shipment. | O | AN | 1/45 |
| | MAN04 | 88 | **Marks and Numbers Qualifier**<br>Code specifying the application or source of Marks and Numbers (87).<br>L Line Item Only | X | ID | 1/2 |
| | MAN05 | 87 | **Marks and Numbers**<br>Marks and numbers used to identify a shipment or parts of a shipment. | X | AN | 1/45 |
| | MAN06 | 87 | **Marks and Numbers**<br>Marks and numbers used to identify a shipment or parts of a shipment. | O | AN | 1/45 |

**Segment:** **QTY** Quantity
**Position:** 487
**Loop:** LDT
**Level:** Detail
**Usage:** Optional
**Max Use:** 5
**Purpose:** To specify quantity information.
**Notes:** 1. Use this segment to specify the quantity that is to be delivered in accordance with a delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, weeks, months, quarters, years.

2. Use also, to indicate the length of the delivery period, e.g., 4 quarters or the number of shipments.

3. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

4. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
**Semantic Notes:**
**Comments:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | | Attributes |
|---|---|---|---|---|---|
| >> | **QTY01** | **673** | **Quantity Qualifier** | | **M ID 2/2** |
| | | | Code specifying the type of quantity. | | |
| | | | | 1J Due | |
| | | | | The amount due to the customer | |
| | | | | *When QTY01 is code 1J, cite the quantity to be delivered.* | |
| | | | | 1K Time Units | |
| | | | | The number of time units such as 8 (hours) | |
| | | | | *Use to indicate the length of the delivery period.* | |
| | | | | 52 Number of Originals | |
| | | | | *Use to indicate the number of regular copies of a data item on a Contract Data Requirements List that are to be delivered.* | |
| | | | | K6 Drafts | |
| | | | | *Use to indicate the number of draft copies of a data item on a Contract Data Requirements List that are to be delivered.* | |
| | | | | KF Duplicates | |
| | | | | *Use to indicate the number of reproducible copies of a data item on a Contract Data Requirements list that are to be delivered.* | |
| | | | | SA Shipments | |
| | | | | *Use to indicate the number of shipments expected to complete the deliverable quantity.* | |

| | | | | | | |
|---|---|---|---|---|---|---|
| >> | **QTY02** | **380** | **Quantity** | **M** | **R** | **1/15** |

Numeric value of quantity.

*1. When QTY01 is code 1J, cite the quantity to be delivered.*

*2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4, and in QTY03 identify the time measurement of the delivery period, e.g., months.*

| | | | | | | |
|---|---|---|---|---|---|---|
| | **QTY03** | **355** | **Unit or Basis for Measurement Code** | **O** | **ID** | **2/2** |

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

*1. Use any code.*

*2. An application program conversion table may be required to convert agency codes to X12 codes.*

*DA Days*
*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

*MO Months*
*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

*Q1 Quarter (Time)*
*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

*WK Week*
*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

*YR Years*
*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*
Refer to 003050 Data Element Dictionary for acceptable code values.

**Segment:** **MSG** **Message Text**
**Position:** 488
**Loop:** LDT
**Level:** Detail
**Usage:** Optional
**Max Use:** 1
**Purpose:** To provide a free form format that would allow the transmission of text information.
**Notes:** 1. When LDT01 is code AI, use to identify the specified event.

2. When BCA02 is code AE, use this segment if exceptions are being taken to a draft modification or a change to the draft modification is being proposed.

3. When BCA15 is code RQ, this segment can be used to request a change to the current award instrument.

**Syntax Notes:**
**Semantic Notes:**
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | MSG01 | 933 | **Free-Form Message Text**<br>Free-form message text. | M | AN | 1/264 |
| X | MSG02 | 934 | **Printer Carriage Control Code**<br>A field to be used for the control of the line feed of the receiving printer.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | O | ID | 2/2 |

**Segment:** **CTT** **Transaction Totals**
**Position:** 010
**Loop:**
**Level:** Summary
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To transmit a hash total for a specific element in the transaction set.
**Notes:**
**Syntax Notes:** 1 If either CTT03 or CTT04 is present, then the other is required.
2 If either CTT05 or CTT06 is present, then the other is required.
**Semantic Notes:**
**Comments:** 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | CTT01 | 354 | **Number of Line Items**<br>Total number of line items in the transaction set.<br>*Use to identify the total number of POC segments contained in this transaction set.* | M | N0 | 1/6 |
| | CTT02 | 347 | **Hash Total**<br>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 left most digits if the sum is greater than the maximum size of the hash total of the data element.<br><br>Example:<br><br>-.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.<br>*CTT02 is the sum of the quantities (POC03) for all POC segments.* | O | R | 1/10 |
| | CTT03 | 81 | **Weight**<br>Numeric value of weight. | X | R | 1/10 |
| | CTT04 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 2/2 |
| | CTT05 | 183 | **Volume**<br>Value of volumetric measure. | X | R | 1/8 |
| | CTT06 | 355 | **Unit or Basis for Measurement Code**<br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken.<br>Refer to 003050 Data Element Dictionary for acceptable code values. | X | ID | 2/2 |
| | CTT07 | 352 | **Description**<br>A free-form description to clarify the related data elements and their content. | O | AN | 1/80 |

**Segment:** **AMT** **Monetary Amount**
**Position:** 020
**Loop:**
**Level:** Summary
**Usage:** Optional
**Max Use:** 5
**Purpose:** To indicate the total monetary amount.
**Notes:** Use to identify the net increase or decrease in the price of the award instrument based on the draft modification or requested change, if applicable. If there is a net increase or decrease to the price of the award instrument, a second occurrence of this segment is required, using code TT in AMT01.
**Syntax Notes:**
**Semantic Notes:**
**Comments:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | **AMT01** | **522** | **Amount Qualifier Code**<br>Code to qualify amount.<br>TT Total Transaction Amount<br>*Use to indicate a new total amount of the award instrument.*<br>ZR Increase<br>*Use to indicate the net increase in the total amount of the procurement instrument.*<br>ZS Decrease<br>*Use to indicate the net decrease in the total amount of the procurement instrument.* | **M** | **ID** | **1/2** |
| >> | **AMT02** | **782** | **Monetary Amount**<br>Monetary amount. | **M** | **R** | **1/15** |
| **X** | **AMT03** | **478** | **Credit/Debit Flag Code**<br>Code indicating whether amount is a credit or debit<br>Refer to 003050 Data Element Dictionary for acceptable code values. | **O** | **ID** | **1/1** |

**Segment:** **SE** **Transaction Set Trailer**
**Position:** 030
**Loop:**
**Level:** Summary
**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).
**Notes:** Enter the same number as the one carried in ST02.
**Syntax Notes:**
**Semantic Notes:**
**Comments:** 1 SE is the last segment of each transaction set.

**Data Element Summary**

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



*U.S. GOVERNMENT PRINTING OFFICE: 1996-404-525/57909

# NIST Technical Publications

## Periodical

**Journal of Research of the National Institute of Standards and Technology**—Reports NIST research and development in those disciplines of the physical and engineering sciences in which the Institute is active. These include physics, chemistry, engineering, mathematics, and computer sciences. Papers cover a broad range of subjects, with major emphasis on measurement methodology and the basic technology underlying standardization. Also included from time to time are survey articles on topics closely related to the Institute's technical and scientific programs. Issued six times a year.

## Nonperiodicals

**Monographs**—Major contributions to the technical literature on various subjects related to the Institute's scientific and technical activities.

**Handbooks**—Recommended codes of engineering and industrial practice (including safety codes) developed in cooperation with interested industries, professional organizations, and regulatory bodies.

**Special Publications**—Include proceedings of conferences sponsored by NIST, NIST annual reports, and other special publications appropriate to this grouping such as wall charts, pocket cards, and bibliographies.

**National Standard Reference Data Series**—Provides quantitative data on the physical and chemical properties of materials, compiled from the world's literature and critically evaluated. Developed under a worldwide program coordinated by NIST under the authority of the National Standard Data Act (Public Law 90-396). NOTE: The Journal of Physical and Chemical Reference Data (JPCRD) is published bimonthly for NIST by the American Chemical Society (ACS) and the American Institute of Physics (AIP). Subscriptions, reprints, and supplements are available from ACS, 1155 Sixteenth St., NW, Washington, DC 20056.

**Building Science Series**—Disseminates technical information developed at the Institute on building materials, components, systems, and whole structures. The series presents research results, test methods, and performance criteria related to the structural and environmental functions and the durability and safety characteristics of building elements and systems.

**Technical Notes**—Studies or reports which are complete in themselves but restrictive in their treatment of a subject. Analogous to monographs but not so comprehensive in scope or definitive in treatment of the subject area. Often serve as a vehicle for final reports of work performed at NIST under the sponsorship of other government agencies.

**Voluntary Product Standards**—Developed under procedures published by the Department of Commerce in Part 10, Title 15, of the Code of Federal Regulations. The standards establish nationally recognized requirements for products, and provide all concerned interests with a basis for common understanding of the characteristics of the products. NIST administers this program in support of the efforts of private-sector standardizing organizations.

*Order the* **following** *NIST publications—FIPS and NISTIRs—from the National Technical Information Service, Springfield, VA 22161.*

**Federal Information Processing Standards Publications (FIPS PUB)**—Publications in this series collectively constitute the Federal Information Processing Standards Register. The Register serves as the official source of information in the Federal Government regarding standards issued by NIST pursuant to the Federal Property and Administrative Services Act of 1949 as amended, Public Law 89-306 (79 Stat. 1127), and as implemented by Executive Order 11717 (38 FR 12315, dated May 11, 1973) and Part 6 of Title 15 CFR (Code of Federal Regulations).

**NIST Interagency Reports (NISTIR)**—A special series of interim or final reports on work performed by NIST for outside sponsors (both government and nongovernment). In general, initial distribution is handled by the sponsor; public distribution is by the National Technical Information Service, Springfield, VA 22161, in paper copy or microfiche form.

**U.S. Department of Commerce**
National Institute of Standards
and Technology
Gaithersburg, MD 20899–0001

Official Business
Penalty for Private Use $300