



The Dunlap Company EDI Implementation Guide

The Dunlap Company
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Introduction

The Dunlap Company has joined the growing number of companies using Electronic Data Interchange (EDI) to exchange business documents with their customers. The purpose of this guide is to provide you, our vendor/partner, with the information needed to implement EDI between your company and ours.

Future expansion of our EDI program will be based on our needs and those of our business partners. You are invited to provide suggestions for other uses of EDI that can improve our business processes and our service to you.

We fully support the Voluntary Interindustry Commerce Standards (VICS) and adhere to the standard. Our vendors are expected to comply and to contact us to start testing.

To qualify for an EDI partnership, you must be 100% UPC marked and provide us access to your UPC catalog on the GXS/Global Product Catalog website.

EDI Program and Network Information

The Dunlap Company will be sending and receiving electronic transactions daily to its trading partners. Dunlap's uses the Global Exchange Services (GXS) Enterprise software on the Linux platform as its translation software, transmissions are sent and received via GXS's Van or AS2. The American National Standards Institute (ANSI) ASC X12 standards is used for EDI transactions. The send and receives are integrated into its business applications.

The Dunlap Company is currently trading the following X12 transaction sets with its trading partners in 4010VICS:

- 850 Purchase Order
- 860 Purchase Order Change Request
- 852 Sales History (**Upon approval**)
- 810 Invoice
- 855 PO Acknowledgement
- 856 Advance Ship Notice

The Dunlap Company uses the GXS Global Product Catalog services. They can be contacted at www.gpccatalogue.com or call 1-800-334-5669. We are listed as 'The Dunlap Company'.

Trading partner ID's:

Test

ISA Qualifier: 01
ISA ID Number: 007933906T
GS ID Number: 007933906T

Production

ISA Qualifier: 01
ISA ID Number: 007933906
GS ID Number: 007933906

The Dunlap Company uses the following in the ISA Envelope:

Segment Separator: '.' symbol
Element Separator: '**' symbol
Sub-Element Separator: '>' symbol

AS2 Information

AS2 ID Test: **DUNLAPST**
IP Address **Test**- <http://69.154.87.85:8080/enterprise/as2>

AS2 ID Production: **DUNLAPS**
IP Address **Production** - <http://69.154.87.86:8080/enterprise/as2>
Open your firewall to receive data from the following IP addresses:

Test = 69.154.87.85

Production = 69.154.87.86

Encryption Algorithm: 3DES-128
Message format type: S/MIME signed/encrypted
Hashing/Signing Algorithm: SHA1
Receipt Type: Request Signed Receipt
Receipt Algorithm: SHA1
MDN: Asynchronous

EDI Contact Information

Mailing Address

The Dunlap Company
200 Bailey Avenue
Suite 100
Fort Worth, Texas 76107

EDI Hotline

Phone Number: 817-347-0269

Please use this telephone number for general EDI inquiries. If you are looking for a functional acknowledgement, a missing interchange control number, or missing purchase order.

Lillie Cotton – EDI Coordinator
817-347-0269
lcotton@dunlaps.com

Dolores Aggas – EDI Coordinator
817-347-0212
daggas@dunlaps.com

Gary Persin – IT Director
817-347-0278
gpersin@dunlaps.com

Legal Statement

- 1. Statement of Purpose.** The EDI Implementation Guide is to facilitate purchases from Seller via the exchange of standardized electronic messages regarding order, acknowledgment, and other information by a technique known as Electronic Data Interchange (EDI).
- 2.** All purchases initiated by Buyer from Seller via EDI shall be subject to all terms and conditions of Buyer's purchase order.
- 3. Transaction Sets and Standards.** Buyer and Seller shall process purchases via EDI using the transaction sets described in "EDI Transaction Sets" (Page INT-011) and all such transactions shall be governed, to the extent applicable, by the American National Standards Institute (ANSI) ASC X12 standards and guidelines for EDI, as well as agreed upon standards of the Transportation Data Coordinating Committee (TDCC) .
- 4. Third Party Networks.**
 - A. Identities of Networks.** Each party will maintain either a third party data communications network (VAN) or a direct connect network (AS2) to their system. Each party will give the other party at least thirty days written advance notice prior to changing its network.
 - B. Expenses.** Each party will be responsible for the costs of maintaining its electronic mailbox, including any minimum use charges. Charges by a network for data translation, formatting, archiving, and similar services shall be borne by the party requesting them. If a Buyer and Seller employ the same network, the sender of a message will pay all the sending related charges imposed by the network, and the recipient will pay all receiving related charges. If Buyer and Seller employ different networks, each will be responsible for the charges of its own network.
- 5. Recordation.** When either party has received the entire contents (including header, trailer, and other control information) of an EDI message as it was sent or received by such party, and without modification, such message will be deemed "written" for purposes of any statute of frauds or similar law. Each party waives any defense to the enforceability of any contract formed as a result of the transmission of such a recording message on the ground that such a message was not "written". The storage of data on a microfilm or machine readable record will be accomplished in a fashion reasonably designed to render the data retrievable and presentable in a visual form.
- 6. Force Majeure.** Neither party will be liable to the other for failure to properly conduct EDI, due to computer down time, power outage, or inappropriate design of hardware or software, error of or nonperformance by a network or any other cause beyond such party's control.
- 7. Security.** To the degree required by reasonably prudent business practices, each party will implement security measures to protect against the use of its facilities, information, computers, network access devices, passwords, and authorization codes to transmit unauthorized or unintended EDI messages and will periodically test and reevaluate the effectiveness of such measures.
- 8. Editing for Compliance and Lost Data.** The recipient of EDI messages will use reasonable automated procedures to edit them for compliance with ANSI X12 syntax and format standards. If the recipients determine the message is not intended for them, the recipients will take reasonable action as soon as possible to inform the sender and will delete the information contained in such EDI message from the recipient's system.
- 9. Retrieval of Mailbox Contents and Receipt Time of Messages.** Buyer and Seller will retrieve the contents of their electronic mailboxes on a schedule agreed upon between the parties. An EDI message will be deemed received when the network has delivered it to the recipient's electronic mailbox.

Basics of EDI

What is Electronic Data Interchange?

Electronic Data Interchange (EDI) is the application to application transfer of business documents between computers. Many businesses choose EDI as a fast, inexpensive and safe method of sending purchase orders, invoices, shipping notices and other frequently used business documents in electronic commerce.

EDI is quite different from sending electronic mail messages or sharing files through a network, modem or bulletin board. The straight transfer of computer files requires that the computer applications of both the sender and receiver (referred to as 'trading partners') agree upon the format of the document. The sender must use an application that creates a file format identical to the receiver's computer application.

When EDI is used, it is not necessary for the trading partners to have identical document processing systems. When a trading partner sends a document, the EDI translation software converts the proprietary format into an agreed upon standard. When the document is received, the EDI translation software automatically changes the standard format into the proprietary format of the receiver's document processing software.

Who uses EDI?

Over thirty thousand private-sector companies in the United States use EDI. EDI is widely used in manufacturing, retail, shipping, warehousing, utilities, pharmaceuticals, construction, banking, metals, food processing, insurance and other industries.

How does EDI work?

The trading partner initiates a transaction in the application system through an application interface to the EDI translation system. The translation software creates a file that is sent through the communications software which can be through a Value Added Network (VAN) to the recipient's electronic mailbox on their Value Added Network (VAN). If the recipient's mailbox is on a different VAN, the sending company's VAN will interconnect to the recipient's mailbox on the recipient's VAN usually within 45 minutes. The recipient will then access the VAN through their communications software and pass it to their translation software that will translate the data into their application format and send it to the application through the application interface. Immediately following translation, a Functional Acknowledgment (FA) is sent to the originating party. A second method that is being used now is EDI over the Internet (EDIINT) using an Applicability Statement (AS2) communication software package.

ANSI X12 Standards

The American National Standards Institute (ANSI) is the national standards setting body for X12 transaction sets. ANSI committees meet three times per year in various major cities throughout the United States. Their function is to control the development and maintenance of translation sets for all industries.

Industry Groups exist for every major industry in the United States. Their function is to define the use of the ANSI X12 transaction set for their industry. They may also propose new transaction sets to ANSI if none exist to meet their needs.

Companies may also further define the use of a transaction set. At this level, very specific use of the transaction sets are defined, often on an element by element basis. Companies may or may not issue implementation guides for their trading partners.

EDI Standard Components

Enveloping is used to properly route a transaction set to trading partners, using either a Value Added Network (VAN) or EDI over the internet (EDIINT) using Applicability Statement 2 (AS2). As with a common paper envelope, the EDI envelope contains the address of the receiver as well as the sender of the document. One or more documents can be contained in an envelope.

Transaction Sets are composed of a specific group of segments that represent a common business document. A purchase order, for example, is represented by the 850 transaction set.

Segments are groups of logically related data elements. Segments are uniquely identified by the first three characters of the segment. Segments can repeat or be a part of a looping structure. Segments are similar to 'records' in data processing.

Data Elements are the smallest components of the transaction set. They can consist of qualifiers, codes or application data. They are similar to a 'field'.

Translation Software

Translation software performs many functions including:

- Conversion of data from X12 to application files
- Compliance checking
- Acknowledgment processing
- Security
- Transaction backup

Common criteria for selecting translation software

- Reputation of the software provider
- Financial stability
- Ability to provide total EDI services
- Platform support
- Recommendations of trading partners
- Standards support

Definition of Common EDI Terms

ANSI - The American National Standards Institute is a private, non-profit coordinator and clearinghouse for voluntary standards in the United States. These national standards are developed by the private sector of consumer, labor, technical, trade and professional organizations.

AS2 - (Applicability Statement 2) is the draft specification standard by which vendor applications communicate EDI or other business-to-business data (such as XML) over the Internet using HTTP.

ASC X12 - The Accredited Standards Committee X12 was chartered by ANSI to develop standards to facilitate electronic exchange of business transactions.

Asynchronous Transmission - Electronic communication method where data is sent one character at a time. This type of communication is commonly used in the personal computer environment.

Bisynchronous Transmission - Electronic communication where data is sent in blocks of characters. While this type of communication is commonly used in the mainframe environment, it is also available on personal computers.

Bit - A binary digit. The bit is the smallest element of information sent or received by a computer.

BPS - Bits-per-second measures the rate at which a signal changes when data is transmitted.

Communications Envelope - A 'wrapping' function of the EDI software that identifies the necessary communications protocol for an electronic data interchange to be performed.

Communications - Software program that manages computer hardware, communication peripherals (i.e. modems) and reception of transmission of electronic data.

Critical Mass Marketing - EDI post-implementation program that is based on bringing those trading partners onto EDI that comprise 80% of the organization's business volume.

Data Element - The data element is the smallest meaningful item of information in a business transaction. An EDI data element is equivalent to a 'field' in the traditional business transaction.

Data Segment - The data segment is a collection of data elements. It is equivalent to 'record' in the traditional business transaction. Data segment sequence is dictated by the ANSI standards.

DISA - The Data Interchange Standards Association is the secretariat for ASC X12.

EDI Management Software - EDI management software, commonly referred to as the 'translator', converts application data into the ANSI/ASC X12 standard format and vice-versa.

EDIFACT - Electronic Data Interchange for Administration, Commerce and Transport is the international EDI message standard currently being developed by committees in the United Nations.

Electronic Data Interchange - Electronic Data Interchange (EDI) is the computer to computer electronic exchange of business documents in the nationally recognized standard data format. Standardization of the data formats ensure that business partners (trading partners) can exchange common business documents without having to modify either organizations hardware or software systems.

Electronic Signature - Any mutually-agreed upon symbol or code that parties concur will be the electronic equivalent of a written signature.

Encryption - Similar to authentication with the exception that the message is scrambled. Decryption is performed with either a public or private key. Highly sensitive data justifies using encryption.

Enveloping - A function of the EDI translation software that groups all 'like' documents together defined for the same trading partner and 'wraps' them into an electronic interchange envelope.

Flat File - Usually a fixed record-length data file that is user-generated. These flat files are input to the EDI translation software for conversion into variable record-length ANSI transactions.

Functional Acknowledgment - An ANSI X12 message that is generated by the EDI translation software to notify the sender that the EDI transactions were received.

Functional Group - Related or 'like' transactions that are grouped together.

Generation - The process of the EDI translation software that takes business data and translates it into the ANSI/ASC X12 standard data format.

Industry Implementation Guidelines - Guidelines published by industry groups and associations to assist the EDI user community in making the most effective use of the standards and ensuring that the needs of the community are met.

Industry Specific Standards - Electronic data standards that are developed jointly by companies in a common industry.

Interchange Control - A function of the EDI translation software that manages and tracks corresponding functional acknowledgments back to their originating EDI transmission.

Line Speed - The speed at which a modem can pass data between computers. This measurement is in bits-per-second. Common speeds for Personal Computer Modems are 9600, 14.4 and 28.8.

Mailbox - A component of an EDI VAN (value added network). This electronic mailbox functions in similar fashion to a postal mailbox, whereby mail is deposited and retrieved on demand or on an established schedule.

Mapping - Mapping is the process of identifying what data is to be exchanged, where to obtain this data, and how the data is to be exchanged.

MDN - A functional message that is sent from a receiver to a sender to acknowledge receipt of an EDI/EC interchange

Message Standards - The EDIFACT equivalent of the ANSI/ASC X12 Standard.

Modem - A peripheral hardware device that covers digital data from a computer into analog signals for transmission over the telecommunications network and vice-versa.

Proprietary Standard - Data format that is internally developed and propagated by large, powerful trading partners. These proprietary standards do not adhere to the ANSI/ASC standard.

Protocol - Rules and standards that define how communication can take place between computer systems or applications for exchanging electronic documents.

Purchase Order - The document or EDI transaction which authorizes the commitment of company funds for the purchase of materials or services.

Release - ANSI/ASC X12 standard annual updates as released by the Data Interchange Standards Association (DISA)

Standards - See ANSI/ASC X12 and Message Standards.

Strategic Plan - A business framework used by top executive management to establish the goals and approach of the EDI implementation.

Third Party Network - See Value Added Network

Trading Partner - A business relationship with a supplier, customer or service provider.

Transaction Set - The EDI term for ANSI/ASC X12 business documents. These transaction sets are composed of data elements and segments.

Transmission - The electronic means to transfer data from one trading partner to another.

Transmission Control Standards - The established standard format required for trading partners to exchange transactions sets. The control standards define the address information required for the exchange to take place.

Value Added Network - A value added network (VAN), is usually a third party that provides EDI services such as electronic mailboxes.

Version - ANSI/ASC X12 standard updates, as officially approved by the American National Standards Institute, are called versions.

X12 - See ANSI/ASC X12 Standard.

General Information and Testing Procedures

Before contacting Dunlap's EDI Department to begin testing, please review the following details about all EDI documents and the testing procedures for each document.

850 Purchase Order

General Information

- Production purchase order numbers are 6 digits.
- The MSG segment will contain PO Notes.
- The N1 will contain the store that the shipment is **Marked For** and the **ShipTo** location which will be the warehouse.
- PO107 contains the Buyer's SKU number.
- PO109 contains the Vendor's SKU number.
- PO111 contains the UPC number

Testing Procedures

- Vendor needs to fill out EDI Trading Partner Profile Sheet and email it to The Dunlap Company's EDI Department.
- A Dunlap EDI Coordinator will contact the person specified on the profile sheet to verify that vendor is ready to test.
- Dunlap's EDI person will send first batch of test 850 Purchase Orders. The EDI PO's should be used for test purposes only.
- The Vendor will send the 997 Functional Acknowledgments back to Dunlap to verify receipt of 850 data. The 997 will be validated.
- The Vendor and Dunlap EDI will decide if another test is needed or if the Vendor is ready for production on 850 Purchase Orders.

860 Purchase Order Change Request

The 860 Transaction Set will be used to communicate changes to the 850 Purchase Order from the Dunlap Buyer to the Vendor. Changes and Cancellations on the PO will be sent on this document. Below are examples of changes that might be sent using the 860 are PO cancellations, item cancellations, date changes, cost changes, etc.

General Information

- The 860 Documents will only be sent on Purchase Orders that have previously been sent via the 850 Purchase Order.
- If the PO is being cancelled, only the (Header) BCH segment will be sent. The code in the BCH01 will contain a 01 code for Cancellation.
- If the PO is being changed, the code in the BCH01 will be 04.
- The ITD segment will only be sent if the PO Terms have been changed. If the PO terms have not been changed, this segment will not be included in the 860.
- The DTM segments will only be sent if the dates are changed on the PO. If the dates have not been changed, this segment will not be included in the 860.
- The N1 with the ST qualifier will always be sent. The N1 information will never change from the original PO.
- Item level information included in the POC segment is only sent if the change is at item level.
- The POC02 will contain a code that will indicate what has changed on the line. The codes are:

| <u>Code</u> | <u>Description</u> |
|-------------|--|
| AI | The item has been added to the PO |
| CA | Changes to line item |
| CT | Change of Dates |
| DI | The line has been cancelled |
| PC | The cost of the item has changed |
| QD | The quantity for the item has been decreased |
| QI | The quantity for the item has been increased |

- The POC03 will contain the original order quantity.
- The POC04 will contain the new order quantity. If the line has been cancelled, this element will be empty.
- The POC06 will contain the current cost. If it is a new cost, the POC02 will contain either PC or RZ to indicate that the cost has been adjusted.

Testing Procedures

- Testing can run concurrent with 850 PO testing, or can follow the 850 testing.
- Dunlap creates a test 860 file containing different change scenarios and sends file to vendor.
- Vendor confirms ability to process 860 file.
- The Vendor will send the 997 Functional Acknowledgment back to Dunlap to verify receipt of 860 data.
- Dunlap's EDI coordinator will validate the 997.
- The Vendor and Dunlap EDI Coordinator will decide if another test is needed or if the Vendor is ready for production on 860 Purchase Order Change document.

810 Invoice

General Information

- One invoice should be sent for each shipment against the Purchase Order.
- Dunlap's requires that every 810 transmission have a unique ST02 or interchange will fail when loaded into Dunlap's application system.
- The invoice number in the BIG02 should not exceed 12 alphanumeric characters.
- The Purchase Order Number in the BIG04 must match the PO Number sent on the 850 in the BEG03.
- The Invoice Terms sent in the ITD segment should match the terms sent in the ITD segment on the 850 Purchase Order.
- The only product ID and qualifier information needed in the IT segment is the UP (IT106) and UPC number(IT107).
- **Freight charges are not accepted on EDI invoices.**
- Before sending SAC segments, allowances or charges on EDI invoices please contact EDI Accounting at 817-347-0249 to get approval. Invoices will fail and cause delay in payment if SAC's are sent without approval.

Testing Procedures

- Vendor coordinates with Dunlap EDI Coordinator before sending test 810 file. Dunlap prefers that the Vendor use valid data so that the test file can be run fully through the Dunlap test system.
- The EDI Coordinator will check the test file for EDI compliance.
- EDI Coordinator will generate and send a 997 Functional Acknowledgment for the test file.
- Once all issues with the test files have been worked out between the Vendor and Dunlap, then the vendor will be placed into parallel mode on EDI invoices. The parallel procedures are:

The parallel process involves the vendor sending three batches of invoices via EDI to production and also faxing the original paper invoices to **Attn: Accounting EDI at 817-877-1302**. The Accounting Analyst will take the paper and EDI invoices and do a match/comparison if match is 100% invoice will be setup for payment.

The paper invoices can also be mailed to:

The Dunlap Company
Attn: Accounting EDI
200 Bailey Avenue
Suite 100
Fort Worth, Texas 76107

855 Purchase Order Acknowledgment

General Information

- The 855 Purchase Order Acknowledgment is received only if approved by a Dunlap Division Manager/Buyer only. Please contact a Dunlap's EDI Coordinator for more information on set up requirements and procedures.
- Production purchase order numbers are assigned by Dunlap's buyer.
- The REF02 should contain the Dunlap's department number.
- The only item information needed is the PO106 'UP' qualifier and PO107 containing the UPC number.
- SDQ03 store number
- SDQ04 quantity

Testing Procedures

- Vendor coordinates with Dunlap EDI Coordinator before sending test 855 file.

856 Advance Ship Notice

General Information

- Vendors sending EDI 856 Advance Ship Notices are required to transmit the 856 documents prior to shipment of goods. Shipments received at our facility without the necessary ASN data on file for receiving are subject to chargeback.
- The BSN02 is a unique shipment identification assigned by the original shipper to identify a specific shipment and it should not be duplicated.
- ASNs must have the correct PO number as sent on the 850
- The UPCs on the ASN must match the UPCs on the 850 and the UPCs on the product
- Correct EDI data is ultimately the vendor's responsibility. Missing, late, incorrect, or failed ASNs due to incorrect EDI data will be considered in violation.

Testing Procedures

- To qualify for ASN testing, you must be 100% UPC marked and provide us access to your UPC Catalog on GXS/GPC.
- Vendor coordinates with Dunlap EDI Coordinator before sending test 856 file. Dunlap prefers that the Vendor use valid data so that the test file can be run fully through the Dunlap test system.
- The EDI Coordinator will check the test file for EDI compliance.

852 Product Activity Data

General Information

- The 852 Product Activity Data is sent only if approved by a Dunlap's Division Manager/Buyer only. Please contact a Dunlap's EDI Coordinator for more information on set up requirements and procedures.
- 852 Data is generated on Sunday for sales for the previous Sunday through Saturday.
- 852 Data can be provided at a summary level or detail level. Summary level data provides one total sales number and inventory number for the entire change. Detail level data provides sales and inventory numbers by store.

Testing Procedures

- Dunlaps does not test the 852 document. The Manufacturer is set up and production files are generated and sent on the following Sunday.
- Dunlaps requires that the Manufacturer send 997 FA for all 852 files.

850 Purchase Order

Outbound from Dunlap

Version: S8504010

Author: Dunlap
Created: 02/23/05
Modified: 07/19/05

850 PURCHASE ORDER SEGMENT HIERARCHY

| | | |
|-----|---|--------------------------|
| ISA | INTERCHANGE CONTROL HEADER | ← Interchange Start |
| GS | FUNCTIONAL GROUP HEADER | ← Functional Group Start |
| ST | TRANSACTION SET HEADER | ← Transaction Start |
| BEG | BEGINNING SEGMENT FOR PURCHASE ORDER | ← Header |
| REF | REFERENCE IDENTIFICATION | |
| PER | ADMINSTRATIVE COMMUNICATIONS CONTACT | |
| FOB | F.O.B. RELATED INSTRUCTIONS | |
| SAC | SERVICE, ALLOWANCE, PROMOTION OR CHARGE | |
| ITD | TERMS OF SALE, DEFERRED TERMS OF SALE | |
| DTM | DATE/TIME REFERENCE | |
| TD5 | CARRIER DETAILS | |
| N9 | REFERENCE INFORMATION | |
| MSG | MESSAGE TEXT | |
| N1 | NAME | |
| N3 | ADDRESS INFORMATION | |
| N4 | GEOGRAPHIC LOCATION | |
| PO1 | BASELINE ITEM DATA | ← Detail |
| CTP | PRICING INFORMATION | |
| PID | PRODUCT/ITEM DESCRIPTION | |
| PO4 | ITEM PHYSICAL DETAILS | |
| SAC | SERVICE, ALLOWANCE, PROMOTION OR CHARGE | |
| SDQ | DESTINATION QUANTITY | |
| SCH | LINE ITEM SCHEDULE | |
| CTT | TRANSACTION TOTALS | ← Summary |
| SE | TRANSACTION SET TRAILER | ← Transaction End |
| GE | FUNCTIONAL GROUP TRAILER | ← Functional Group End |
| IEA | INTERCHANGE CONTROL TRAILER | ← Interchange End |

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ST - TRANSACTION SET HEADER (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|---------------------------------|------------|-------------------|
| ST01 | 143 | Transaction Set Identifier Code | M/Z ID 3/3 | '850' |
| ST02 | 329 | Transaction Set Control Number | M AN 4/9 | Sequential number |
| Example | | | | |
| | ST*850*0001 | | | |
| | This is the first 850 transaction within this functional group sent to the vendor. | | | |

BEG - BEGINNING SEGMENT FOR PURCHASE ORDER (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|------------------------------|------------|------------------------|
| BEG01 | 353 | Transaction Set Purpose Code | M ID 2/2 | '00' Original |
| BEG02 | 92 | Purchase Order Type Code | M ID 2/2 | 'SA' Stand-alone Order |
| BEG03 | 324 | Purchase Order Number | M AN 1/22 | |
| BEG04 | 328 | Release Number | O AN 1/30 | |
| BEG05 | 373 | Date | M/Z DT 8/8 | CCYYMMDD |
| Example | | | | |
| | BEG*00*SA*1345*00*20041129 | | | |
| | This is Purchase Order number 1345 and is dated November 29, ^t 2004. | | | |

REF - REFERENCE IDENTIFICATION (Mandatory, max 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|------------------------------------|------------|------------------------|
| REF01 | 128 | Reference Identification Qualifier | M ID 2/3 | 'DP' Department Number |
| REF02 | 127 | Reference Identification | X AN 1/30 | Department Number |
| REF03 | 352 | Description | X AN 1/80 | Department Description |
| Example | | | | |
| | REF*DP*500*Cosmetics | | | |
| | This Purchase Order is for The Dunlap Company's Department 500, Cosmetics. | | | |

PER - ADMINISTRATIVE COMMUNICATIONS CONTACT (Mandatory, max 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|-----------------------|------------|-------------------------------|
| PER01 | 366 | Contact Function Code | M ID 2/2 | 'BD' Buyer Name or Department |
| PER02 | 93 | Name | O AN 1/60 | Buyer Name |
| Example | | | | |
| | PER*BD*Jane Smith | | | |
| | The retail buyer for this Purchase Order is Jane Smith. | | | |

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FOB - F.O.B. RELATED INSTRUCTIONS (Optional, max 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|----------------------------|------------|---|
| FOB01 | 146 | Shipment Method of Payment | M/Z ID 2/2 | 'MX' Mixed |
| FOB02 | 309 | Location Qualifier | X/Z ID ½ | 'DE' Destination (Shipping) 'OR' Origin (Shipping Point) |
| FOB03 | 352 | Description | O AN 1/80 | FOB Instructions |
| Example | | | | |
| | FOB*MX*DE*Shipping Point | | | |
| | Freight On Board is from the Destination 'Shipping Point'. | | | |

SAC - SERVICE, ALLOWANCE, PROMOTION OR CHARGE INFORMATION (Optional, no max per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|---|-------------|-------------------------------|
| SAC01 | 248 | Allowance or Charge Indicator | M/Z ID 1/1 | 'A' Allowance 'C' Charge |
| SAC02 | 1300 | Service, Promotion, Allowance, or Charge Code | X ID 4/4 | |
| SAC05 | 610 | Amount | O/Z N2 1/15 | Allowance/Charge Total Amount |
| SAC12 | 331 | Allowance or Charge Method of Handling Code | O ID 2/2 | '02' Off Invoice |
| SAC15 | 352 | Description | X AN 1/80 | Allowance/Charge Description |
| Example | | | | |
| | SAC*A*A260***8000*****02***Advertising Allowance | | | |
| | This Purchase Order has an Allowance of \$80.00 off the Invoice as an Advertising Allowance. | | | |

ITD - TERMS OF SALE, DEFERRED TERMS OF SALE (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|-------------------------|------------|-----------------------|
| ITD02 | 333 | Terms Basis Date Code | O ID 1/2 | 'ZZ' Mutually Defined |
| ITD03 | 338 | Terms Discount Percent | O R 1/6 | |
| ITD04 | 370 | Terms Discount Due Date | X DT 8/8 | CCYYMMDD |
| ITD05 | 351 | Terms Discount Days Due | X NO 1/3 | |
| ITD12 | 352 | Description | O AN 1/80 | |
| Example | | | | |
| | ITD**ZZ*10*20050115*30*****10% Net 30 | | | |
| | The terms are defined as 10% net 30 days due on January 15 th 2005. | | | |

DTM - DATE/TIME REFERENCE (Mandatory, max 4 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|---------------------|------------|--|
| DTM01 | 374 | Date/Time Qualifier | M ID 3/3 | '037' Ship Not Before '038' Ship No Later |
| DTM02 | 373 | Date | X DT 8/8 | CCYYMMDD |
| Example | | | | |
| | DTM*037*20050131 | | | |
| | DTM*038*20050110 | | | |
| | Ship by January 10 th 2005, not before January 31 st 2005. | | | |

The Dunlap Company EDI Implementation Guide

TD5 - CARRIER DETAILS (ROUTING SEQUENCE, TRANSIT TIME (Optional, max 2 per Transaction))

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|-------------------------|---------|------------|----------------------|
| TD505 | 387 | Routing | X AN 1/35 | Routing Instructions |
| Example | | | | |
| | TD5*****Freightways | | | |
| | TD5*****Roscoe Trucking | | | |

N9 - REFERENCE IDENTIFICATION (Optional 1 per transaction)

| REF | Ele ID | Name | Attributes | Comments |
|----------------|----------------------------|---------------------------------|-------------|----------------------|
| N901 | 128 | Reference Identification Number | X ID 2/3 | |
| | | Code | NAME | |
| | | LI | | |
| N902 | 127 | Reference ID User | C AN 1/30 | Special Instructions |
| Example | | | | |
| | N9*LI*Special Instructions | | | |

MSG - MESSAGE TEXT (MESSAGE - SPECIAL INSTRUCTIONS, Optional 3 per Transaction)

| Ref | Ele ID | Name | Attribute | Comments |
|----------------|---------------------------------------|--------------|------------|----------|
| MSG01 | 933 | Message Text | X AN 1/264 | |
| Example | | | | |
| | MSG*Special Order - New Store Opening | | | |
| | MSG*New Store Opening 12/01/04 | | | |
| | MSG*Ship to Warehouse #901 | | | |

N1 - NAME (Mandatory, 2 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|-------------------------------|------------|---|
| N101 | 98 | Entity Identifier Code | M ID 2/3 | 'Z7' Mark For 'ST' Ship To |
| N102 | 93 | Name | X AN 1/60 | |
| N103 | 66 | Identification Code Qualifier | X ID 2/2 | '92' Assigned by Buyer or Buyer's Agent |
| N104 | 67 | Identification Code | X AN 2/80 | Location |
| Example | | | | |
| | N1*Z7*05 LUBBOCK-DUNLAPS*92*5 | | | |
| | N1*ST*Dunlaps Distribution Center*92*901 | | | |

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N3 - ADDRESS INFORMATION (Mandatory, 1 per N1 loop)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|---------------------|------------|----------|
| N301 | 166 | Address Information | M AN 1/55 | |
| N302 | 166 | Address Information | O AN 1/55 | |
| Example | | | | |
| | N1*Z7*05 LUBBOCK-DUNLAPS*92*05 N3*2903 50 TH ST N1*ST*DUNLAPS DISTRIBUTION CENTER*92*901 N3*4230 Sylvania Avenue | | | |

N4 - GEOGRAPHIC LOCATION (Mandatory, 1 per N1 loop)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|------------------------|------------|----------|
| N401 | 19 | City Name | O AN 2/30 | |
| N402 | 156 | State or Province Code | O ID 2/2 | |
| N403 | 116 | Postal Code | O ID 3/15 | |
| N404 | 26 | Country Code | O ID 2/3 | |
| Example | | | | |
| | N1*Z7*05 LUBBOCK-DUNLAPS*92*5 N3*2903 50TH ST N4*LUBBOCK*TX*79413-4398*USA N1*ST*Dunlap Distribution Center*92*901 N3*4230 Sylvania Avenue N4*FORT WORTH*TX*76137*USA | | | |

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PO1 - BASELINE ITEM DATA (Mandatory, Max Use 100000 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|------------------------------------|------------|---|
| PO102 | 330 | Quantity Ordered | X R 1/15 | |
| PO103 | 355 | Unit or Basis for Measurement Code | O ID 2/2 | Unit of Measure |
| PO104 | 212 | Unit Price | X R 1/17 | |
| PO106 | 235 | Product/Service ID Qualifier | X ID 2/2 | 'CB' Buyer's Catalog Number |
| PO107 | 234 | Product/Service ID | X AN 1/48 | Dunlap SKU Number |
| PO108 | 235 | Product/Service ID Qualifier | X ID 2/2 | 'VC' Vendor's (Seller's) Catalog Number |
| PO109 | 234 | Product/Service ID | X AN 1/48 | Vendor Part Number |
| PO110 | 235 | Product/Service ID Qualifier | X ID 2/2 | 'UA' U.P.C./EAN Case Code (2-5-5) 'UB' U.P.C./EAN Multipack Code 'UC' U.P.C. Suffix (Defines Packing Variations) 'UE' U.P.C./EAN Module Code (2-5-5) 'UI' U.P.C. Consumer Package Code (1-5-5) 'UN' U.P.C. Case Code Number (1-1-5-5) 'UP' U.P.C. Consumer Package Code (1-5-5-1) 'EN' European Article Number (EAN) (2-5-5-1) |
| PO111 | 234 | Product/Service ID | X AN 1/48 | UPC Number |
| Example | | | | |
| | PO1**10*CA*17.7*CB*100444132*VC*601001*UP*020714016371 | | | |

CTP - PRICING INFORMATION (Mandatory, 1 per PO1 segment)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|-----------------------|------------|--------------|
| CTP01 | 687 | Class of Trade Code | O ID 2/2 | 'RS' Resale |
| CTP02 | 236 | Price Identifier Code | X ID 3/3 | 'RTL' Retail |
| CTP03 | 212 | Unit Price | X R 1/17 | Unit Retail |
| Example | | | | |
| | CTP*RS*RTL*34.99 | | | |
| | The retail price of this item for ticketing purposes is \$34.99. | | | |

PID - PRODUCT/ITEM DESCRIPTION (Mandatory, 1 per PO1 segment)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---------------------------------|-----------------------|------------|------------------|
| PID01 | 349 | Item Description Type | M ID 1/1 | 'F' Free-form |
| PID05 | 352 | Description | X AN 1/80 | Item Description |
| Example | | | | |
| | PID*F****3-STEP SPEC SET TR(WN) | | | |

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PO4 - ITEM PHYSICAL DETAILS (Mandatory, 1 per PO1 segment)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|------|------------|----------------------------|
| PO401 | 356 | Pack | O NO 1/6 | Inner Units per Outer Unit |
| Example | | | | |
| | PO4*12 | | | |
| | There are 12 inner units per buying unit (Case). | | | |

SAC - SERVICE, ALLOWANCE, PROMOTION OR CHARGE INFORMATION (Optional, Max Use 25 per PO1 Segment)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|---|-------------|-----------------------|
| SAC01 | 248 | Allowance or Charge Indicator | M/Z ID 1/1 | 'A' Allowance |
| SAC02 | 1300 | Service, Promotion, Allowance, or Charge Code | X ID 4/4 | |
| SAC05 | 610 | Amount | O/Z N2 1/15 | Total Allowance |
| SAC08 | 118 | Rate | O/Z R 1/9 | Unit Allowance |
| SAC12 | 331 | Allowance or Charge Method of Handling Code | O ID 2/2 | '02' Off Invoice |
| SAC15 | 352 | Description | X AN 1/80 | Allowance Description |
| Example | | | | |
| | SAC*A*A260***500***.25***02***Advertising Allowance | | | |
| | This item has an Advertising Allowance of \$5.00, (\$.25 per unit) off the Invoice. | | | |

SDQ - DESTINATION QUANTITY (Optional, Max Use 500 per PO1 Segment)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|------------------------------------|------------|---|
| SDQ01 | 355 | Unit or Basis for Measurement Code | M ID 2/2 | Unit of Measure |
| SDQ02 | 66 | Identification Code Qualifier | O ID 1/2 | '92' Assigned by Buyer or Buyer's Agent |
| SDQ03 | 67 | Identification Code | M AN 2/80 | Store Number |
| SDQ04 | 118 | Quantity | M R 1/15 | |
| Example | | | | |
| | SDQ*CA*92*5*10 | | | |
| | SDQ*CA*92*10*20 | | | |
| | This item has a pre-distributed quantity of 10 cases going to store 5 and 20 cases going to store 10. | | | |

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SCH - LINE ITEM SCHEDULE (Optional, Max Use 200 per PO1 Segment)

| Ref | Ele ID | Name | Attributes | Comments |
|-------|--------|------------------------------------|------------|---------------------------------|
| SCH01 | 380 | Quantity | M R 1/15 | |
| SCH02 | 355 | Unit or Basis for Measurement Code | M ID 2/2 | Unit of Measure |
| SCH05 | 374 | Date/Time Qualifier | M ID 3/3 | '002' Delivery Requested |
| SCH06 | 373 | Date | M DT 8/8 | CCYYMMDD, Expected Receipt Date |

Example

| | | | | |
|--|---|--|--|--|
| | SCH*10*CA***017*20050115 | | | |
| | SCH*20*CA***017*20050215 | | | |
| | This item has an expected receipt date of January 15 th 2005 for 10 cases and February 15 th 2005 for 20 cases. | | | |

CTT - TRANSACTION TOTALS (Mandatory, max 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|-------|--------|----------------------|------------|----------|
| CTT01 | 354 | Number of Line Items | M NO 1/6 | |

Example

| | | | | |
|--|-------|--|--|--|
| | CTT*1 | | | |
|--|-------|--|--|--|

SE - TRANSACTION SET TRAILER (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|------|--------|--------------------------------|------------|---|
| SE01 | 96 | Number of Included Segments | M NO 1/10 | Total number of segments in this transaction including the ST and SE segments |
| SE02 | 329 | Transaction Set Control Number | M AN 4/9 | Sequential number (must be the same as the ST02 element) |

Example

| | | | | |
|--|--|--|--|--|
| | SE*23*0001 | | | |
| | There were 52 segments in this transaction, and it is for transaction 1. | | | |

860 PO Change Request

Outbound from Dunlap

Version: S8604010

Author: Dunlap
Created: 02/23/05
Modified: 07/19/05

**860 PURCHASE ORDER CHANGE REQUEST – BUYER INITIATED SEGMENT
HIERARCHY**

| | | |
|-----|---|--------------------------|
| ISA | INTERCHANGE CONTROL HEADER | ← Interchange Start |
| GS | FUNCTIONAL GROUP HEADER | ← Functional Group Start |
| ST | TRANSACTION SET HEADER | ← Transaction Start |
| BCH | BEGINNING SEGMENT FOR PURCHASE ORDER CHANGE | ← Header |
| REF | REFERENCE IDENTIFICATION | |
| PER | ADMINISTRATIVE COMMUNICATIONS CONTACT | |
| FOB | F.O.B. RELATED INSTRUCTIONS | |
| SAC | SERVICE, ALLOWANCE, PROMOTION OR CHARGE | |
| ITD | TERMS OF SALE, DEFERRED TERMS OF SALE | |
| DTM | DATE/TIME REFERENCE | |
| TD5 | CARRIER DETAILS | |
| N9 | REFERENCE IDENTIFICATION | |
| MSG | MESSAGE TEXT | |
| N1 | NAME | |
| N3 | ADDRESS INFORMATION | |
| N4 | GEOGRAPHIC LOCATION | |
| POC | LINE ITEM CHANGE | ← Detail |
| CTP | PRICING INFORMATION | |
| PID | PRODUCT/ITEM DESCRIPTION | |
| PO4 | ITEM PHYSICAL DETAILS | |
| SAC | SERVICE, ALLOWANCE, PROMOTION OR CHARGE | |
| SDQ | DESTINATION QUANTITY | |
| SCH | LINE ITEM SCHEDULE | |
| CTT | TRANSACTION TOTALS | ← Summary |
| SE | TRANSACTION SET TRAILER | ← Transaction End |
| GE | FUNCTIONAL GROUP TRAILER | ← Functional Group End |
| IEA | INTERCHANGE CONTROL TRAILER | ← Interchange End |

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ST - TRANSACTION SET HEADER (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|---------------------------------|------------|---|
| ST01 | 143 | Transaction Set Identifier Code | M/Z ID 3/3 | '860' Purchase Order Change Request - Buyer Initiated |
| ST02 | 329 | Transaction Set Control Number | M AN 4/9 | Sequential number |
| Example | | | | |
| | ST*860*0001 | | | |
| | This is the first 860 transaction within this functional group sent to the vendor. | | | |

BCH - BEGINNING SEGMENT FOR PURCHASE ORDER (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|------------------------------|------------|----------------------------------|
| BCH01 | 353 | Transaction Set Purpose Code | M ID 2/2 | '01' Cancellation '04' Change |
| BCH02 | 92 | Purchase Order Type Code | M ID 2/2 | 'SA' Stand-alone Order |
| BCH03 | 324 | Purchase Order Number | M AN 1/22 | |
| BCH04 | 328 | Release Number | O AN 1/30 | |
| BCH06 | 373 | Date | M/Z DT 8/8 | Original PO Date, CCYYMMDD |
| BCH11 | 373 | Date | O/Z DT 8/8 | PO Change Request Date, CCYYMMDD |
| Example | | | | |
| | BCH*04*SA*1345*00**20041129*****20041205 | | | |
| | This is a change to Purchase Order number 1345/00. The original order was dated November 29 th 2004. The change is dated December 5 th 2004. | | | |

REF - REFERENCE IDENTIFICATION (Mandatory, max 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|------------------------------------|------------|------------------------|
| REF01 | 128 | Reference Identification Qualifier | M ID 2/3 | 'DP' Department Number |
| REF02 | 127 | Reference Identification | X AN 1/30 | Department Number |
| REF03 | 352 | Description | X AN 1/80 | Department Description |
| Example | | | | |
| | REF*DP*500*Cosmetics | | | |
| | This Purchase Order is for The Dunlap Company's Department 500, Cosmetics. | | | |

PER - ADMINISTRATIVE COMMUNICATIONS CONTACT (Mandatory, max 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|-----------------------|------------|-------------------------------|
| PER01 | 366 | Contact Function Code | M ID 2/2 | 'BD' Buyer Name or Department |
| PER02 | 93 | Name | O AN 1/60 | Buyer Name |
| Example | | | | |
| | PER*BD*Jane Smith | | | |
| | The retail buyer for this Purchase Order is Jane Smith. | | | |

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FOB - F.O.B. RELATED INSTRUCTIONS (Optional, max 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|-------|--------|----------------------------|------------|---|
| FOB01 | 146 | Shipment Method of Payment | M/Z ID 2/2 | 'MX' Mixed |
| FOB02 | 309 | Location Qualifier | X/Z ID 1/2 | 'DE' Destination (Shipping) 'OR' Origin (Shipping Point) |
| FOB03 | 352 | Description | O AN 1/80 | FOB Instructions |

Example

| |
|--|
| FOB*MX*DE*Shipping Point Freight On Board is from the Destination 'Shipping Point'. |
|--|

SAC - SERVICE, ALLOWANCE, PROMOTION OR CHARGE INFORMATION (Optional, no max per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|-------|--------|---|-------------|-------------------------------|
| SAC01 | 248 | Allowance or Charge Indicator | M/Z ID 1/1 | 'A' Allowance 'C' Charge |
| SAC02 | 1300 | Service, Promotion, Allowance, or Charge Code | X ID 4/4 | |
| SAC05 | 610 | Amount | O/Z N2 1/15 | Allowance/Charge Total Amount |
| SAC12 | 331 | Allowance or Charge Method of Handling Code | O ID 2/2 | '02' Off Invoice |
| SAC15 | 352 | Description | X AN 1/80 | Allowance/Charge Description |

Example

| |
|--|
| SAC*A*A260***8000*****02***Advertising Allowance This Purchase Order has an Allowance of \$80.00 off the Invoice as an Advertising Allowance. |
|--|

ITD - TERMS OF SALE, DEFERRED TERMS OF SALE (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|-------|--------|-------------------------|------------|-----------------------|
| ITD02 | 333 | Terms Basis Date Code | O ID 1/2 | 'ZZ' Mutually Defined |
| ITD03 | 338 | Terms Discount Percent | O R 1/6 | |
| ITD04 | 370 | Terms Discount Due Date | X DT 8/8 | CCYYMMDD |
| ITD05 | 351 | Terms Discount Days Due | X N0 1/3 | |
| ITD12 | 352 | Description | O AN 1/80 | |

Example

| |
|---|
| ITD**ZZ*10*20050115*30*****10% Net 30 The terms are defined as 10% net 30 days due on January 15 th 2005. |
|---|

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DTM - DATE/TIME REFERENCE (Mandatory, max 4 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|---------------------|------------|--|
| DTM01 | 374 | Date/Time Qualifier | M ID 3/3 | '037' Ship Not Before '038' Ship No Later |
| DTM02 | 373 | Date | X DT 8/8 | CCYYMMDD |
| Example | | | | |
| | DTM*037*20050131 | | | |
| | DTM*038*20050110 | | | |
| | Ship no later than January 10 th 2005. | | | |

TD5 - CARRIER DETAILS (ROUTING SEQUENCE, TRANSIT TIME (Optional, max 2 per Transaction))

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|-------------------------|---------|------------|----------------------|
| TD505 | 387 | Routing | X AN 1/35 | Routing Instructions |
| Example | | | | |
| | TD5*****Freightways | | | |
| | TD5*****Roscoe Trucking | | | |

N9 - REFERENCE IDENTIFICATION (Optional 1 per transaction)

| REF | Ele ID | Name | Attributes | Comments |
|----------------|----------------------------|---------------------------------|-------------------------------|----------|
| N901 | 128 | Reference Identification Number | X ID 2/3 | |
| | | Code | NAME | |
| | | LI | | |
| N902 | 127 | Reference ID User | SpecialInstructions C AN 1/30 | |
| Example | | | | |
| | N9*LI*Special Instructions | | | |

MSG - MESSAGE TEXT (MESSAGE -SPECIAL INSTRUCTIONS, Optional 1 per Transaction)

| Ref | Ele ID | Name | Attribute | Comments |
|----------------|--|--------------|------------|----------------------|
| MSG01 | 933 | Message Text | X AN 1/264 | Special Instructions |
| Example | | | | |
| | MSG* Special Order - New Store Opening | | | |

N1 - NAME (Mandatory, 2 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|-------------------------------|------------|---|
| N101 | 98 | Entity Identifier Code | M ID 2/3 | 'Z7' Mark For 'ST' Ship To |
| N102 | 93 | Name | X AN 1/60 | |
| N103 | 66 | Identification Code Qualifier | X ID 2/2 | '92' Assigned by Buyer or Buyer's Agent |
| N104 | 67 | Identification Code | X AN 2/80 | Location |
| Example | | | | |
| | N1*Z7*05 LUBBOCK-DUNLAPS*92*5 | | | |
| | N1*ST*DUNLAP DISTRIBUTION CENTER*92*901 | | | |

The Dunlap Company EDI Implementation Guide

N3 - ADDRESS INFORMATION (Mandatory, 1 per N1 loop)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|---------------------|------------|----------|
| N301 | 166 | Address Information | M AN 1/55 | |
| N302 | 166 | Address Information | O AN 1/55 | |
| Example | | | | |
| | N1*Z7*05 LUBBOCK-DUNLAPS*92*5 N3*2903 50 TH ST N1*ST*DUNLAP DISTRIBUTION CENTER*92*901 N3*4230 Sylvania Ave. | | | |

N4 - GEOGRAPHIC LOCATION (Mandatory, 1 per N1 loop)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|------------------------|------------|----------|
| N401 | 19 | City Name | O AN 2/30 | |
| N402 | 156 | State or Province Code | O ID 2/2 | |
| N403 | 116 | Postal Code | O ID 3/15 | |
| N404 | 26 | Country Code | O ID 2/3 | |
| Example | | | | |
| | N1*Z7*05 LUBBOCK-DUNLAPS*92*5 N3*2903 50TH ST N4*LUBBOCK*TX*79413-4398*USA N1*ST*DUNLAP DISTRIBUTION CENTER*92*901 N3*4230 SYLVANIA AVE N4*FORT WORTH*TX*76137*USA | | | |

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POC - LINE ITEM CHANGE (Optional, Max Use 100000 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|---|--------|------------------------------|------------|---|
| POC02 | 670 | Change or Response Type Code | M ID 2/2 | 'AI' Add Additional Item(s) 'CA' Changes to Line Items 'CT' Change of Dates 'DI' Delete Item(s) 'PC' Price Change 'QD' Quantity Decrease 'QI' Quantity Increase |
| POC03 | 330 | Quantity Ordered | O R 1/15 | |
| POC04 | 671 | New Quantity | X R 1/9 | |
| POC05 | C001 | Composite Unit of Measure | X | Unit of Measure |
| POC06 | 212 | Unit Price | X R 1/17 | |
| POC08 | 235 | Product/Service ID Qualifier | X ID 2/2 | 'CB' Buyer's Catalog Number |
| POC09 | 234 | Product/Service ID | X AN 1/48 | Dunlap SKU Number |
| POC10 | 235 | Product/Service ID Qualifier | X ID 2/2 | 'VC' Vendor's (Seller's) Catalog Number |
| POC11 | 234 | Product/Service ID | X AN 1/48 | Vendor Part Number |
| POC12 | 235 | Product/Service ID Qualifier | X ID 2/2 | 'UA' U.P.C./EAN Case Code (2-5-5) 'UB' U.P.C./EAN Multipack Code 'UC' U.P.C. Suffix (Defines Packing Variations) 'UE' U.P.C./EAN Module Code (2-5-5) 'UI' U.P.C. Consumer Package Code (1-5-5) 'UN' U.P.C. Case Code Number (1-1-5-5) 'UP' U.P.C. Consumer Package Code (1-5-5-1) 'EN' European Article Number (EAN) (2-5-5-1) |
| POC13 | 234 | Product/Service ID | X AN 1/48 | UPC Number |
| Example | | | | |
| POC**CA*10*20*EA*17.7**CB*100444132*VC*601001*UP*020714016371 | | | | |

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CTP - PRICING INFORMATION (Optional, 1 per POC segment)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|-----------------------|------------|--------------|
| CTP01 | 687 | Class of Trade Code | O ID 2/2 | 'RS' Resale |
| CTP02 | 236 | Price Identifier Code | X ID 3/3 | 'RTL' Retail |
| CTP03 | 212 | Unit Price | X R 1/17 | Unit Retail |
| Example | | | | |
| | CTP*RS*RTL*34.99 | | | |
| | The retail price of this item for ticketing purposes is \$34.99. | | | |

PID - PRODUCT/ITEM DESCRIPTION (Optional, 1 per POC segment)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---------------------------------|-----------------------|------------|------------------|
| PID01 | 349 | Item Description Type | M ID 1/1 | 'F' Free-form |
| PID05 | 352 | Description | X AN 1/80 | Item Description |
| Example | | | | |
| | PID*F****3-STEP SPEC SET TR(WN) | | | |

PO4 - ITEM PHYSICAL DETAILS (Optional, 1 per POC segment)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|------|------------|----------------------------|
| PO401 | 356 | Pack | O NO 1/6 | Inner Units per Outer Unit |
| Example | | | | |
| | PO4*12 | | | |
| | There are 12 inner units per buying unit (Case). | | | |

SAC - SERVICE, ALLOWANCE, PROMOTION OR CHARGE INFORMATION (Optional, Max Use 25 per POC Segment)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|---|-------------|-----------------------|
| SAC01 | 248 | Allowance or Charge Indicator | M/Z ID 1/1 | 'A' Allowance |
| SAC02 | 1300 | Service, Promotion, Allowance, or Charge Code | X ID 4/4 | |
| SAC05 | 610 | Amount | O/Z N2 1/15 | Total Allowance |
| SAC08 | 118 | Rate | O/Z R 1/9 | Unit Allowance |
| SAC12 | 331 | Allowance or Charge Method of Handling Code | O ID 2/2 | '02' Off Invoice |
| SAC15 | 352 | Description | X AN 1/80 | Allowance Description |
| Example | | | | |
| | SAC*A*A260***500***.25***02***Advertising Allowance | | | |
| | This item has an Advertising Allowance of \$5.00, (\$.25 per unit) off the Invoice. | | | |

The Dunlap Company EDI Implementation Guide

SDQ - DESTINATION QUANTITY (Optional, Max Use 500 per POC Segment)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|------------------------------------|------------|---|
| SDQ01 | 355 | Unit or Basis for Measurement Code | M ID 2/2 | Unit of Measure |
| SDQ02 | 66 | Identification Code Qualifier | O ID 1/2 | '92' Assigned by Buyer or Buyer's Agent |
| SDQ03 | 67 | Identification Code | M AN 2/80 | Store Number |
| SDQ04 | 118 | Quantity | M R 1/15 | |
| Example | | | | |
| | SDQ*CA*92*5*10 | | | |
| | SDQ*CA*92*10*20 | | | |
| | This item has a pre-distributed quantity of 10 cases going to store 5 and 20 cases going to store 10. | | | |

CTT - TRANSACTION TOTALS (Mandatory, max 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--------|----------------------|------------|----------|
| CTT01 | 354 | Number of Line Items | M NO 1/6 | |
| Example | | | | |
| | CTT*1 | | | |

SE - TRANSACTION SET TRAILER (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|--------------------------------|------------|---|
| SE01 | 96 | Number of Included Segments | M NO 1/10 | Total number of segments in this transaction including the ST and SE segments |
| SE02 | 329 | Transaction Set Control Number | M AN 4/9 | Sequential number (must be the same as the ST02 element) |
| Example | | | | |
| | SE*22*0001 | | | |
| | There were 52 segments in this transaction, and it is for transaction 1. | | | |

810 Invoice

Inbound to Dunlap

Version: S8104010

Author: Dunlap
Created: 02/23/05
Modified: 06/10/06

810 INVOICE SEGMENT HIERARCHY

| | | |
|-----|---|--------------------------|
| ISA | INTERCHANGE CONTROL HEADER | ← Interchange Start |
| GS | FUNCTIONAL GROUP HEADER | ← Functional Group Start |
| ST | TRANSACTION SET HEADER | ← Transaction Start |
| BIG | BEGINNING SEGMENT FOR INVOICE | ← Header |
| N1 | NAME | |
| ITD | TERMS OF SALE/DEFERRED TERMS OF SALE | |
| IT1 | BASELINE ITEM DATA | ← Detail |
| TDS | TOTAL MONETARY VALUE SUMMARY | ← Summary |
| SAC | SERVICE, ALLOWANCE, PROMOTION OR CHARGE | |
| CTT | TRANSACTION TOTALS | <- Summary |
| SE | TRANSACTION SET TRAILER | ← Transaction End |
| GE | FUNCTIONAL GROUP TRAILER | ← Functional Group End |
| IEA | INTERCHANGE CONTROL TRAILER | ← Interchange End |

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ST - TRANSACTION SET HEADER (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|---------------------------------|------------|-------------------|
| ST01 | 143 | Transaction Set Identifier Code | M/Z ID 3/3 | '810' |
| ST02 | 329 | Transaction Set Control Number | M AN 4/9 | Sequential number |
| Example | | | | |
| | ST*810*0001 | | | |
| | This is the first 810 transaction within this functional group sent from the vendor. | | | |

BIG - BEGINNING SEGMENT FOR PURCHASE ORDER (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|-----------------------|------------|----------|
| BIG01 | 373 | Date | M/Z DT 8/8 | CCYYMMDD |
| BIG02 | 76 | Invoice Number | M AN 1/12 | |
| BIG04 | 324 | Purchase Order Number | M NO 1/6 | |
| BIG05 | 328 | Release Number | O NO 1/2 | |
| Example | | | | |
| | BIG*20041206*123456**1345*00 | | | |
| | This is Invoice number 123456 dated December 6 th 2004 for Purchase Order number 1345/00. | | | |

N1 - NAME (Optional, max 3 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|-------------------------------|------------|---|
| N101 | 98 | Entity Identifier Code | M ID 2/3 | 'ST' Ship To 'Z7' Mark For |
| N103 | 66 | Identification Code Qualifier | X ID 1/2 | '92' Assigned by Buyer or Buyer's Agent |
| N104 | 352 | Identification Code | X AN 2/20 | |
| Example | | | | |
| | N1*ST**92*901 N1*Z7**92*29 | | | |
| | The 'Mark For' is the Dunlap location 29. | | | |

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ITD - TERMS OF SALE, DEFERRED TERMS OF SALE (Optional, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|-------|--------|-------------------------|------------|----------|
| ITD03 | 338 | Terms Discount Percent | O R 1/6 | |
| ITD04 | 370 | Terms Discount Due Date | X DT 8/8 | CCYYMMDD |
| ITD06 | 446 | Terms Net Due Date | O DT 8/8 | CCYYMMDD |
| ITD08 | 362 | Terms Discount Amount | O AN 1/80 | |

Example

| |
|---|
| ITD***5*20050115**20050130**2550 |
| Terms discount is 5%, the due date is January 30 th 2005, and the net due date is January 15 th 2005. The discount amount is 25.50. |

IT1 - BASELINE ITEM DATA (Mandatory, Max Use 200000 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|-------|--------|------------------------------------|-------------|---|
| IT101 | 350 | Assigned Identification | O/Z AN 1/20 | Sequential number starting with '1' |
| IT102 | 358 | Quantity Invoiced | X R 1/10 | |
| IT103 | 355 | Unit or Basis for Measurement Code | X ID 2/2 | 'EA' Each |
| IT104 | 212 | Unit Price | X R 1/17 | |
| IT106 | 235 | Product/Service ID Qualifier | X ID 2/2 | 'UA' U.P.C./EAN Case Code (2-5-5) 'UB' U.P.C./EAN Multipack Code 'UC' U.P.C. Suffix (Defines Packing Variations) 'UE' U.P.C./EAN Module Code (2-5-5) 'UI' U.P.C. Consumer Package Code (1-5-5) 'UN' U.P.C. Case Code Number (1-1-5-5) 'UP' U.P.C. Consumer Package Code (1-5-5-1) 'EN' European Article Number (EAN) (2-5-5-1) |
| IT107 | 234 | Product/Service ID | X AN 1/48 | UPC |
| | | | | |
| | | | | |

Example

| |
|--|
| IT1*1*15*EA*12.25**UP*039582789766 |
| Item #1 is 15 units of UPC Number 39582789766 for a price of 12.25 per item. |

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TDS - TOTAL MONETARY VALUE SUMMARY (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|-------|--------|--------|-------------|---|
| TDS01 | 610 | Amount | M/Z N2 1/15 | Total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable) |
| TDS02 | 610 | Amount | O/Z N2 1/15 | Amount upon which the terms discount amount is calculated |
| TDS03 | 610 | Amount | O/Z N2 1/15 | Amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount) |
| TDS04 | 610 | Amount | O/Z N2 1/15 | Total amount of terms discount |

Example

| | | | | |
|--|--|--|--|--|
| TDS*10000*7500*9000*1000 | | | | |
| Invoice total is 100.00, terms discount applies to 75.00 of that. If paid by terms, the total is 90.00. Total terms discount is 10.00. | | | | |

SAC - SERVICE, PROMOTION, ALLOWANCE, OR CHARGE INFORMATION (Optional, max 25 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|-------|--------|---|-------------|-----------------------------|
| SAC01 | 3248 | Allowance or Charge Indicator | M/Z ID 1/1 | 'A' Allowance 'C' Charge |
| SAC02 | 1300 | Service, Promotion, Allowance, or Charge Code | X ID 4/4 | |
| SAC05 | 610 | Amount | O/Z N2 1/15 | |
| SAC15 | 352 | Description | X AN 1/80 | Item Description |

Note - Needs approval from Accounting see General Information on 810

| | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |

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CTT - TRANSACTION TOTALS (Mandatory, max 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--------|----------------------|------------|----------|
| CTT01 | 354 | Number of Line Items | M NO 1/6 | |
| Example | | | | |
| | CTT*1 | | | |

SE - TRANSACTION SET TRAILER (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|--------------------------------|------------|---|
| SE01 | 96 | Number of Included Segments | M NO 1/10 | Total number of segments in this transaction including the ST and SE segments |
| SE02 | 329 | Transaction Set Control Number | M AN 4/9 | Sequential number (must be the same as the ST02 element) |
| Example | | | | |
| | SE*9*0001 | | | |
| | There were 52 segments in this transaction, and it is for transaction 1. | | | |

855 Purchase Order Acknowledgment

Inbound to Dunlap

Version: S8554010

**Author: Dunlap
Created: 09/28/06**

855 PURCHASE ORDER ACKNOWLEDGMENT SEGMENT HIERARCHY

| | | |
|-----|---|--------------------------|
| ISA | INTERCHANGE CONTROL HEADER | ← Interchange Start |
| GS | FUNCTIONAL GROUP HEADER | ← Functional Group Start |
| ST | TRANSACTION SET HEADER | ← Transaction Start |
| BAK | BEGINNING SEGMENT FOR PO ACKNOWLEDGMENT | ← Header |
| REF | REFERENCE IDENTIFICATION | |
| DTM | DATE/TIME REFERENCE | |
| N1 | NAME | |
| N3 | ADDRESS INFORMATION | |
| N4 | GEOGRAPHIC LOCATION | |
| PO1 | BASELINE ITEM DATA | ← Detail |
| CTP | PRICING INFORMATION | |
| PID | PRODUCT/ITEM DESCRIPTION | |
| PO4 | ITEM PHYSICAL DETAILS | |
| SDQ | DESTINATION QUANTITY | |
| CTT | TRANSACTION TOTALS | ← Summary |
| SE | TRANSACTION SET TRAILER | ← Transaction End |
| GE | FUNCTIONAL GROUP TRAILER | ← Functional Group End |
| IEA | INTERCHANGE CONTROL TRAILER | ← Interchange End |

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ST - TRANSACTION SET HEADER (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|---------------------------------|------------|-------------------|
| ST01 | 143 | Transaction Set Identifier Code | M/Z ID 3/3 | '855' |
| ST02 | 329 | Transaction Set Control Number | M AN 4/9 | Sequential number |
| Example | | | | |
| | ST*855*0001 | | | |
| | This is the first 855 transaction within this functional group sent to the vendor. | | | |

BAK - BEGINNING SEGMENT FOR PURCHASE ORDER (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|------------------------------|------------|--|
| BAK01 | 353 | Transaction Set Purpose Code | M ID 2/2 | '00' Original '01' Cancellation '05' Replace |
| BAK02 | 587 | Acknowledgment Type | M ID 2/2 | 'AP' Product Replacement |
| BAK03 | 324 | Purchase Order Number | M AN 1/22 | Pre-assigned PO Number from The Dunlap Company |
| BAK05 | 373 | Date | M/Z DT 8/8 | CCYYMMDD |
| Example | | | | |
| | BAK*00*AP*1345*00*20041129 | | | |
| | This is Purchase Order number 1345 and is dated November 29 th 2004. | | | |

REF - REFERENCE IDENTIFICATION (Mandatory, max 3 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|------------------------------------|------------|--|
| REF01 | 128 | Reference Identification Qualifier | M ID 2/3 | 'DP' Department Number 'IA' Internal Vendor Number 'VR' Vendor ID Number |
| REF02 | 127 | Reference Identification | X AN 1/30 | Department Number (REF01 = 'DP') Dunlap's Vendor Number (REF01 = 'IA') Vendor's Vendor Number (REF01 = 'VR') |
| REF03 | 352 | Description | X AN 1/80 | Department Description (REF01 = 'DP') Vendor Name (REF01 = 'IA' or 'VR') |
| Example | | | | |
| | REF*DP*100*Mens Jeans REF*IA*3567*Arizona Blue Jean Company REF*VR*23423234*Arizona Blue Jean Company | | | |
| | This suggested order is for Dunlap's department 100, Men's Jeans and is from vendor 3567, Arizona Blue Jean Company. | | | |

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DTM - DATE/TIME REFERENCE (Mandatory, 2 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--------|--|------------|--|
| DTM01 | 374 | Date/Time Qualifier | M ID 3/3 | '001' Cancel After '068' Scheduled Ship |
| DTM02 | 373 | Date | X DT 8/8 | CCYYMMDD |
| Example | | | | |
| | | DTM*001*20050131 | | |
| | | DTM*068*20050110 | | |
| | | Shipment is scheduled for January 10 th 2005, cancel after January 31 st 2005. | | |

N1 - NAME (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--------|---|------------|---|
| N101 | 98 | Entity Identifier Code | M ID 2/3 | 'ST' Ship To |
| N102 | 93 | Name | X AN 1/60 | |
| N103 | 66 | Identification Code Qualifier | X ID 2/2 | '92' Assigned by Buyer or Buyer's Agent |
| N104 | 67 | Identification Code | X AN 2/80 | Dunlap Store Number |
| Example | | | | |
| | | N1*ST*05 LUBBOCK-DUNLAPS*92*05 | | |
| | | This purchase order is to be shipped to Dunlap store #5, the Lubbock, TX store. All purchase orders MUST be for a single 'Ship To' location. If the purchase order is a pre-distributed or cross dock order, then the SDQ segment will be used within the detail to define location-level quantities. | | |

N3 - ADDRESS INFORMATION (Optional, 1 per N1 loop)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--------|--------------------------------|------------|----------|
| N301 | 166 | Address Information | M AN 1/55 | |
| N302 | 166 | Address Information | O AN 1/55 | |
| Example | | | | |
| | | N1*ST*05 LUBBOCK-DUNLAPS*92*05 | | |
| | | N3*2903 50 TH ST | | |

N4 - GEOGRAPHIC LOCATION (Optional, 1 per N1 loop)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--------|--------------------------------|------------|----------|
| N401 | 19 | City Name | O AN 2/30 | |
| N402 | 156 | State or Province Code | O ID 2/2 | |
| N403 | 116 | Postal Code | O ID 3/15 | |
| N404 | 26 | Country Code | O ID 2/3 | |
| Example | | | | |
| | | N1*ST*05 LUBBOCK-DUNLAPS*92*05 | | |
| | | N3*2903 50TH ST | | |
| | | N4*LUBBOCK*TX*79413-4398*USA | | |

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PO1 - BASELINE ITEM DATA (Mandatory, Max Use 100000 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|------------------------------------|------------|---|
| PO102 | 330 | Quantity Ordered | X R 1/15 | |
| PO103 | 355 | Unit or Basis for Measurement Code | O ID 2/2 | Unit of Measure |
| PO104 | 212 | Unit Price | X R 1/17 | |
| PO106 | 235 | Product/Service ID Qualifier | X ID 2/2 | 'CB' Buyer's Catalog Number |
| PO107 | 234 | Product/Service ID | X AN 1/48 | Dunlap SKU Number |
| PO108 | 235 | Product/Service ID Qualifier | X ID 2/2 | 'VC' Vendor's (Seller's) Catalog Number |
| PO109 | 234 | Product/Service ID | X AN 1/48 | Vendor Part Number |
| PO110 | 235 | Product/Service ID Qualifier | X ID 2/2 | 'UA' U.P.C./EAN Case Code (2-5-5) 'UB' U.P.C./EAN Multipack Code 'UC' U.P.C. Suffix (Defines Packing Variations) 'UE' U.P.C./EAN Module Code (2-5-5) 'UI' U.P.C. Consumer Package Code (1-5-5) 'UN' U.P.C. Case Code Number (1-1-5-5) 'UP' U.P.C. Consumer Package Code (1-5-5-1) 'EN' European Article Number (EAN) (2-5-5-1) |
| PO111 | 234 | Product/Service ID | X AN 1/48 | UPC Number |
| Example | | | | |
| | PO1**10*CA*17.7*CB*100444132*VC*601001*UP*020714016371 | | | |

CTP - PRICING INFORMATION (Optional, 1 per CTP segment)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|-----------------------|------------|--|
| CTP02 | 236 | Price Identifier Code | R ID 3/3 | 'MSR' Manufacturer's Suggested Retail Price |
| CTP03 | 212 | Unit Price | R ID 1/17 | Price Per Unit |
| CTP04 | 380 | Quantity | M AN 2/80 | Numeric value of quantity |
| CTP05 | 355 | Unit of Measure | M R 1/15 | Code specifying units of which a valued is expressed |
| Example | | | | |
| | CTP**MSR*34*1*EA~ | | | |
| | Manufacturer's suggested retail price is \$34.00 | | | |

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PID - PRODUCT/ITEM DESCRIPTION (Optional, 1 per PO1 segment)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---------------------------------|-----------------------|------------|------------------|
| PID01 | 349 | Item Description Type | M ID 1/1 | 'F' Free-form |
| PID05 | 352 | Description | X AN 1/80 | Item Description |
| Example | | | | |
| | PID*F****3-STEP SPEC SET TR(WN) | | | |

PO4 - ITEM PHYSICAL DETAILS (Mandatory, 1 per PO1 segment)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|------|------------|----------------------------|
| PO401 | 356 | Pack | O NO 1/6 | Inner Units per Outer Unit |
| Example | | | | |
| | PO4*12 There are 12 inner units per buying unit (Case). | | | |

SDQ - DESTINATION QUANTITY (Optional, Max Use 500 per PO1 Segment)

NOTE: Used only with 'Pre-Distributed' or 'Cross Dock' Purchase Orders

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|------------------------------------|------------|---|
| SDQ01 | 355 | Unit or Basis for Measurement Code | M ID 2/2 | Unit of Measure (Must be the same as element PO103) |
| SDQ02 | 66 | Identification Code Qualifier | O ID 1/2 | '92' Assigned by Buyer or Buyer's Agent |
| SDQ03 | 67 | Identification Code | M AN 2/80 | Dunlap Store Number |
| SDQ04 | 118 | Quantity | M R 1/15 | |
| Example | | | | |
| | SDQ*CA*92*05*10 SDQ*CA*92*10*20 | | | |
| | This item has a pre-distributed quantity of 10 cases going to store 5 and 20 cases going to store 10. | | | |

CTT - TRANSACTION TOTALS (Mandatory, max 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--------|-------------------------------------|------------|----------|
| CTT01 | 354 | Number of Line Items (PO1 Segments) | M NO 1/6 | |
| Example | | | | |
| | CTT*1 | | | |

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|--------------------------------|------------|---|
| SE01 | 96 | Number of Included Segments | M NO 1/10 | Total number of segments in this transaction including the ST and SE segments |
| SE02 | 329 | Transaction Set Control Number | M AN 4/9 | Sequential number (must be the same as the ST02 element) |
| Example | | | | |
| | SE*14*0001 There were 52 segments in this transaction, and it is for transaction 1. | | | |

856 Advance Ship Notice

Inbound to Dunlap

Version: S8564010

Author: Dunlap
Created: 09/28/06

856 SHIP NOTICE/MANIFEST SEGMENT HIERARCHY

| | | |
|-----|---|--------------------------|
| ISA | INTERCHANGE CONTROL HEADER | ← Interchange Start |
| GS | FUNCTIONAL GROUP HEADER | ← Functional Group Start |
| ST | TRANSACTION SET HEADER | ← Transaction Start |
| BSN | BEGINNING SEGMENT FOR SHIP NOTICE | ← Header |
| HL | HIERARCHICAL LEVEL | ← Shipment Level |
| TD5 | CARRIER DETAILS (Routing Sequence/Transit Time) | |
| REF | REFERENCE IDENTIFICATION | |
| DTM | DATE/TIME REFERENCE | |
| N1 | NAME | |
| HL | HIERARCHICAL LEVEL | ← Order Level |
| PRF | PURCHASE ORDER REFERENCE | |
| TD1 | CARRIER DETAILS (Quantity and Weight) | |
| N1 | NAME | |
| HL | HIERARCHICAL | ← Pack Level |
| MAN | MARKS AND NUMBERS | |
| HL | HIERARCHICAL LEVEL | ← Item Level |
| LIN | LINE IDENTIFICATION | |
| SN1 | ITEM DETAIL (Shipment) | |
| CTT | TRANSACTION TOTALS | ← Summary |
| SE | TRANSACTION SET TRAILER | ← Transaction End |
| GE | FUNCTIONAL GROUP TRAILER | ← Functional Group End |
| IEA | INTERCHANGE CONTROL TRAILER | ← Interchange End |

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ST - TRANSACTION SET HEADER (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|---------------------------------|------------|-------------------|
| ST01 | 143 | Transaction Set Identifier Code | M/Z ID 3/3 | '856' |
| ST02 | 329 | Transaction Set Control Number | M AN 4/9 | Sequential number |
| Example | | | | |
| | ST*856*0001 | | | |
| | This is the first 856 transaction within this functional group sent from the vendor. | | | |

BSN - BEGINNING SEGMENT FOR SHIP NOTICE (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|------------------------------|------------|------------------------------|
| BSN01 | 353 | Transaction Set Purpose Code | M ID 2/2 | '00' Original |
| BSN02 | 396 | Shipment Identification | M AN 2/30 | Unique Shipment ID |
| BSN03 | 373 | Date | M/Z DT 8/8 | Ship Notice Date CCYYMMDD |
| BSN04 | 337 | Time | M/Z TM 4/8 | Ship Notice Time |
| Example | | | | |
| | BSN*00*12345*20041129*1153 | | | |
| | This is Ship Notice 12345 created on November 29 th , 2004 at 11:53am. | | | |

HL - HIERARCHICAL LEVEL (Shipment) (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|-------------------------|------------|---|
| HL01 | 628 | Hierarchical ID Number | M AN 1/12 | Unique number assigned by sender to each HL segment within this transaction |
| HL03 | 735 | Hierarchical Level Code | M ID 1/2 | 'S' Shipment |
| Example | | | | |
| | HL*1**S | | | |
| | This is the first HL level and is for Shipment information. | | | |

TD5 - CARRIER DETAILS (Routing Sequence/Transit Time) (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|---------|------------|------------------|
| TD505 | 387 | Routing | X AN 1/35 | Shipment Routing |
| Example | | | | |
| | TD5*****Overland Freight | | | |
| | This shipment is being moved by Overland Freight. | | | |

REF - REFERENCE IDENTIFICATION (Mandatory, 1 per Transaction)

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| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|------------------------------------|------------|----------------------------|
| REF01 | 128 | Reference Identification Qualifier | M ID 2/3 | 'BM' Bill of Lading Number |
| REF02 | 352 | Description | X AN 1/80 | Bill of Lading Number |
| Example | | | | |
| | REF*BM*554477 | | | |
| | The bill of lading number for this shipment is 554477. | | | |

DTM - DATE/TIME REFERENCE (Mandatory, 2 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|---------------------|------------|--|
| DTM01 | 374 | Date/Time Qualifier | M ID 3/3 | '011' Shipped '067' Current Scheduled Delivery '068' Current Schedule Ship |
| DTM02 | 373 | Date | X DT 8/8 | CCYYMMDD |
| Example | | | | |
| | DTM*067*20050110 | | | |
| | DTM*068*20050115 | | | |
| | Expected delivery is January 15 th 2005 and the scheduled shipment is January 10 th , 2005. | | | |
| | NOTE: Qualifier '067' must be used. Either '011' or '068' can be used to designate ship date information. | | | |

N1 - NAME (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|-------------------------------|------------|---|
| N101 | 98 | Entity Identifier Code | M ID 2/3 | 'ST' Ship To |
| N103 | 66 | Identification Code Qualifier | X ID 2/2 | '92' Assigned by Buyer or Buyer's Agent |
| N104 | 67 | Identification Code | X AN 2/80 | Dunlap DC Location Number |
| Example | | | | |
| | N1*ST**92*901 | | | |
| | Product was shipped to Dunlap DC #901. | | | |

HL - HIERARCHICAL LEVEL (Order) (Mandatory, 1 per Purchase Order)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|-------------------------------|------------|---|
| HL01 | 628 | Hierarchical ID Number | M AN 1/12 | Unique number assigned by sender to each HL segment within this transaction |
| HL02 | 734 | Hierarchical Parent ID Number | M AN 1/12 | Shipment Level Number |
| HL03 | 735 | Hierarchical Level Code | M ID 1/2 | 'O' Order |
| Example | | | | |
| | HL*2*1*O | | | |
| | This is the second HL level and is for Purchase Order information. | | | |

PRF - PURCHASE ORDER REFERENCE (Mandatory, 1 per Purchase Order)

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| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|-----------------------|------------|------------------------------|
| PRF01 | 324 | Purchase Order Number | M AN 1/22 | Dunlap Purchase Order Number |
| PRF02 | 328 | Release Number | O AN 1/30 | Dunlap Backorder Number |
| Example | | | | |
| | PRF*1345*00 | | | |
| | The Dunlap Purchase Order number on this shipment is 1345. | | | |

TD1 - CARRIER DETAILS (Quantity and Weight) (Mandatory, 1 or 2 per Purchase Order)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|------------------------------------|------------|------------------------------|
| TD101 | 103 | Packaging Code | O AN 3/5 | 'CTN' Carton 'PLT' Pallet |
| TD102 | 80 | Lading Quantity | X NO 1/7 | Number of Cartons or Pallets |
| TD107 | 81 | Weight | X R 1/10 | Weight of Order |
| TD108 | 355 | Unit or Basis for Measurement Code | X ID 2/2 | 'LB' Pounds |
| Example | | | | |
| | TD1*CTN*5*****150*LB | | | |
| | There are 5 cartons in this shipment, and it weighs 150 pounds. | | | |

N1 - NAME (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|-------------------------------|------------|---|
| N101 | 98 | Entity Identifier Code | M ID 2/3 | 'Z7' Mark-for Party Only utilized in the order hierarchical level. |
| N103 | 66 | Identification Code Qualifier | X ID 2/2 | '92' Assigned by Buyer or Buyer's Agent |
| N104 | 67 | Identification Code | X AN 2/80 | Dunlap Store # |
| Example | | | | |
| | N1*Z7**92*5 | | | |
| | Product is intended and marked for Dunlap Store #5. | | | |

Note: Refer to the store list in the Dunlap's VS Manual. The N104 field must contain a store number Relating to the DC number transmitted in the N1 segment at Shipment Level.

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HL - HIERARCHICAL LEVEL (Pack) (Mandatory, 1 per Purchase Order)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|-------------------------|------------|---|
| HL01 | 628 | Hierarchical ID Number | M AN 1/12 | Unique number assigned by sender to each HL segment within this transaction |
| HL02 | 734 | Hierarchical ID Number | M AN 1/12 | Order Level Number |
| HL03 | 735 | Hierarchical Level Code | M ID 1/2 | 'P' Item |
| Example | | | | |
| | HL*3*2*P | | | |
| | This is the third HL level and is for Pack information. | | | |

MAN - MARKS AND NUMBERS

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|-----------------------------|------------|-------------------------|
| MAN01 | 88 | Marks and Numbers Qualifier | M AN 1/12 | 'GM' GMAIC Format |
| MAN02 | 87 | Carton Number | M ID 1/2 | Carton Number (UCC-128) |
| Example | | | | |
| | MAN*GM**00000271313392212613 | | | |
| | This is the third HL level and is for Carton ID and number. | | | |

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HL - HIERARCHICAL LEVEL (Item) (Mandatory, 1 per Item within Purchase Order)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|-------------------------|------------|---|
| HL01 | 628 | Hierarchical ID Number | M AN 1/12 | Unique number assigned by sender to each HL segment within this transaction |
| HL02 | 734 | Hierarchical ID Number | M AN 1/12 | Pack Level Number |
| HL03 | 735 | Hierarchical Level Code | M ID 1/2 | 'I' Item |
| Example | | | | |
| | HL*4*3*I | | | |
| | This is the fourth HL level and is for Item information. | | | |

LIN - ITEM IDENTIFICATION (Mandatory, 1 per Item within Purchase Order)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|------------------------------|------------|---|
| LIN02 | 235 | Product/Service ID Qualifier | M ID 2/2 | 'UA' U.P.C./EAN Case Code (2-5-5) 'UB' U.P.C./EAN Multipack Code 'UC' U.P.C. Suffix (Defines Packing Variations) 'UE' U.P.C./EAN Module Code (2-5-5) 'UI' U.P.C. Consumer Package Code (1-5-5) 'UN' U.P.C. Case Code Number (1-1-5-5) 'UP' U.P.C. Consumer Package Code (1-5-5-1) 'EN' European Article Number (EAN) (2-5-5-1) |
| LIN03 | 234 | Product/Service ID | M AN 1/48 | UPC or EAN Code |
| Example | | | | |
| | LIN**UP*025123648135 | | | |
| | This line item is Qualifier 'UP' and UPC number 025123648135 only | | | |

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SN1 - ITEM DETAIL (SHIPMENT) (Mandatory, 1 per Item within Purchase Order)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|------------------------------------|------------|-------------|
| SN102 | 382 | Number of Units Shipped | M R 1/10 | |
| SN103 | 355 | Unit or Basis for Measurement Code | M ID 2/2 | 'EA' Eaches |
| Example | | | | |
| | SN1**5*EA | | | |
| | Five 'eaches' of this item were shipped on this Purchase Order. | | | |

CTT - TRANSACTION TOTALS (Mandatory, max 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--------|-------------------------------------|------------|----------|
| CTT01 | 354 | Number of Line Items (PO1 Segments) | M NO 1/6 | |
| Example | | | | |
| | CTT*1 | | | |

SE - TRANSACTION SET TRAILER (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|--------------------------------|------------|---|
| SE01 | 96 | Number of Included Segments | M NO 1/10 | Total number of segments in this transaction including the ST and SE segments |
| SE02 | 329 | Transaction Set Control Number | M AN 4/9 | Sequential number (must be the same as the ST02 element) |
| Example | | | | |
| | SE*17*0001 | | | |
| | There were 52 segments in this transaction, and it is for transaction 1. | | | |

852 Product Activity Report

Outbound from Dunlap

Version: S8524010

Author: Dunlap
Created: 09/28/06

4010 VICS 852 Product Activity Data Mapping Guidelines

852 PRODUCT ACTIVITY DATA SEGMENT HIERARCHY

| | | |
|-----|-----------------------------|--------------------------|
| ISA | INTERCHANGE CONTROL HEADER | ← Interchange Start |
| GS | FUNCTIONAL GROUP HEADER | ← Functional Group Start |
| ST | TRANSACTION SET HEADER | ← Transaction Start |
| XQ | REPORTING DATE/ACTION | ← Header |
| N9 | REFERENCE IDENTIFICATION | |
| N1 | NAME | |
| N3 | ADDRESS INFORMATION | |
| N4 | GEOGRAPHIC LOCATION | |
| LIN | ITEM IDENTIFICATION | ← Detail |
| ZA | REPORTING ACTIVITY | |
| SDQ | DESTINATION QUANTITY | |
| CTT | TRANSACTION TOTALS | ← Summary |
| SE | TRANSACTION SET TRAILER | ← Transaction End |
| GE | FUNCTIONAL GROUP TRAILER | ← Functional Group End |
| IEA | INTERCHANGE CONTROL TRAILER | ← Interchange End |

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ST - TRANSACTION SET HEADER (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--|---------------------------------|------------|-------------------|
| ST01 | 143 | Transaction Set Identifier Code | M/Z ID 3/3 | '852' |
| ST02 | 329 | Transaction Set Control Number | M AN 4/9 | Sequential number |
| Example | | | | |
| | ST*852*0001 | | | |
| | This is the first 852 transaction within this functional group sent to the vendor. | | | |

XQ - REPORTING DATE/ACTION (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|---|---------------------------|------------|-----------------------|
| XQ01 | 305 | Transaction Handling Code | M ID 1/2 | 'H' Notification Only |
| XQ02 | 373 | Date | M/Z DT 8/8 | Start Date |
| XQ03 | 373 | Date | O DT 8/8 | End Date |
| Example | | | | |
| | XQ*H*20050301*20050331 | | | |
| | This Product Activity Data is for Notification Only and covers the time of March 1 st , 2005 to March 31 st , 2005. | | | |

N9 - REFERENCE IDENTIFICATION (Optional, max 3 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|-------------------------------|------------------------------------|------------|--|
| N901 | 128 | Reference Identification Qualifier | M ID 2/3 | 'BT' Batch Number 'DP' Department Number 'IA' Internal Vendor Number |
| N902 | 127 | Reference Identification | X AN 1/30 | Batch Number (BT) Department Number (DP) Vendor Number (IA) |
| N903 | 369 | Free-form Description | X AN 1/45 | Department Description (DP) Vendor Name (IA) |
| Example | | | | |
| | N9*BT*213423 | | | |
| | N9*DP*300*Mens Clothing | | | |
| | N9*IA*1004*Cathoway Clothiers | | | |

N1 - NAME (Optional, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--------------------------------|-------------------------------|------------|---|
| N101 | 98 | Entity Identifier Code | M ID 2/3 | 'RL' Reporting Location |
| N102 | 93 | Name | X AN 1/60 | Location Name |
| N103 | 66 | Identification Code Qualifier | X ID 2/2 | '92' Assigned by Buyer or Buyer's Agent |
| N104 | 67 | Identification Code | X AN 2/80 | Location |
| Example | | | | |
| | N1*RL*05 LUBBOCK-DUNLAPS*92*05 | | | |

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N3 - ADDRESS INFORMATION (Optional, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--------|---|------------|----------|
| N301 | 166 | Address Information | M AN 1/55 | |
| N302 | 166 | Address Information | O AN 1/55 | |
| Example | | | | |
| | | N1*RL*05 LUBBOCK-DUNLAPS*92*05 N3*2903 50 TH ST | | |

N4 - GEOGRAPHIC LOCATION (Optional, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--------|---|------------|----------|
| N401 | 19 | City Name | O AN 2/30 | |
| N402 | 156 | State or Province Code | O ID 2/2 | |
| N403 | 116 | Postal Code | O ID 3/15 | |
| N404 | 26 | Country Code | O ID 2/3 | |
| Example | | | | |
| | | N1*RL*05 LUBBOCK-DUNLAPS*92*05 N3*2903 50TH ST N4*LUBBOCK*TX*79413-4398*USA | | |

LIN - ITEM IDENTIFICATION (Mandatory, Max Use 999999 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|----------------|--------|------------------------------|------------|---|
| LIN07 | 235 | Product/Service ID Qualifier | X ID 2/2 | 'UA' U.P.C./EAN Case Code (2-5-5) 'UB' U.P.C./EAN Multipack Code 'UC' U.P.C. Suffix (Defines Packing Variations) 'UE' U.P.C./EAN Module Code (2-5-5) 'UI' U.P.C. Consumer Package Code (1-5-5) 'UN' U.P.C. Case Code Number (1-1-5-5) 'UP' U.P.C. Consumer Package Code (1-5-5-1) 'EN' European Article Number (EAN) (2-5-5-1) |
| LIN08 | 234 | Product/Service ID | X AN 1/48 | UPC Number |
| Example | | | | |
| | | LIN*****UP*020714002176 | | |
| | | Item UPC Number | | |

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ZA - PRODUCT REPORTING ACTIVITY (Mandatory, Max Use 5 per LIN Segment)

| Ref | Ele ID | Name | Attributes | Comments |
|------|--------|-----------------------------------|------------|--|
| ZA01 | 859 | Activity Code | M ID 2/2 | 'QA' Current Inventory Quantity Available for Shipment or Sale 'QS' Quantity Sold 'QT' Adjustment to Inventory Quantity 'QU' Quantity Returned by Consumer 'QZ' Quantity Transferred |
| ZA02 | 380 | Quantity | X R 1/15 | |
| ZA03 | 355 | Unit or Basis of Measurement Code | X ID 2/2 | 'EA' Eaches |

Example

| |
|--|
| ZA*QA*15*EA ZA*QS*132*EA |
| The reporting location has 15 units on hand, and they sold 132. NOTE: If location-level quantities are to be used (SDQ segments), then ZA02 and ZA03 will not be used. |

SDQ - DESTINATION QUANTITY (Optional, No Max Use per ZA Segment)

| Ref | Ele ID | Name | Attributes | Comments |
|-------|--------|------------------------------------|------------|---|
| SDQ01 | 355 | Unit or Basis for Measurement Code | M ID 2/2 | 'EA' Eaches |
| SDQ02 | 66 | Identification Code Qualifier | O ID 1/2 | '92' Assigned by Buyer or Buyer's Agent |
| SDQ03 | 67 | Identification Code | M AN 2/80 | Dunlap Location Number |
| SDQ04 | 380 | Quantity | M R 1/15 | |

Example

| |
|---|
| ZA*QA SDQ*EA*92*05*10 SDQ*EA*92*10*20 |
| This SDQ follows a ZA segment defining Quantity Available. Location 5 has 10 units of this item available (on hand), and location 10 has 20 units available (on hand). NOTE: The SDQ segment may not be used. If batches are created by location or location-level information is not requested, there will be no SDQ segments. |

CTT - TRANSACTION TOTALS (Mandatory, max 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|-------|--------|----------------------|------------|----------|
| CTT01 | 354 | Number of Line Items | M NO 1/6 | |

Example

| |
|---|
| CTT*1 |
| There were 24 items (LIN segments) written in this transaction. |

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SE - TRANSACTION SET TRAILER (Mandatory, 1 per Transaction)

| Ref | Ele ID | Name | Attributes | Comments |
|------|--------|--------------------------------|------------|---|
| SE01 | 96 | Number of Included Segments | M NO 1/10 | Total number of segments in this transaction including the ST and SE segments |
| SE02 | 329 | Transaction Set Control Number | M AN 4/9 | Sequential number (must be the same as the ST02 element) |

Example

| |
|--|
| SE*14*0001 |
| There were 52 segments in this transaction, and it is for transaction 1. |