



**Inbound Warehouse
856 Advance Shipment Notice
Functional Group – GS-01 = SH
Version – GS-08 X12 data= 004010 / UCS Data= 004010UCS
EDI Reference Guide**

This X12 Transaction Set contains the format and establishes the data contents of the Advance Ship Notice Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment for Warehouse shipments. The transaction set is used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, ship from information, product description, lot code, lot code source, physical characteristics, and type of packaging, marking, carrier information, and configuration of goods within the transportation equipment.

The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. **It contains specific requirements for items on the FDA FSMA204 FTL.**

EDI SEGMENTS PROVIDED

HEADER:

POS NO.	SEG.ID	NAME
010	ST	Transaction Set Header
020	BSN	Beginning Segment for Inventory Inquiry/Advice

DETAIL:

POS NO.	SEG.ID	NAME
<u>HL - Loop – HL – Shipment</u>		
010	HL	Hierarchical Level - Shipment Level
120	TD5	Carrier Details (Routing Sequence)
200	DTM	Date/Time Reference
<u>N1 - Loop – HL – Shipment</u>		
210	N1	ST – Ship To
210	N1	SF – Ship From
240	N3	Party Location
250	N4	Geographic Location
260	REF	Reference Identification
270	PER	Administrative Communications Contact
<u>HL - Loop – HL – Order</u>		
010	HL	Hierarchical Level - Order Level
050	PRF	Purchase Order Reference
<u>HL - Loop – HL – Tare</u>		
010	HL	Hierarchical Level - Tare Level
190	MAN	Marks and Numbers
200	DTM	Date/Time Reference
215	PAL	Pallet Type and Load Characteristics
<u>N1 - Loop – HL – Tare</u>		
210	N1	MP – Manufacturing Plant
240	N3	Party Location



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856 Advance Shipment Notice
Functional Group – GS-01 = SH
Version – GS-08 X12 data= 004010 / UCS Data= 004010UCS
EDI Reference Guide

250	N4	Geographic Location
270	PER	Administrative Communications Contact

HL - Loop – HL – Pack

010	HL	Hierarchical Level - Pack Level
020	LIN	Item Identification
030	SN1	Item Detail (Shipment)
190	MAN	Marks and Numbers
200	DTM	Date/Time Reference

N1 - Loop – HL – Pack

210	N1	MP – Manufacturing Plant
240	N3	Party Location
250	N4	Geographic Location
270	PER	Administrative Communications Contact

LOOP ID – HL – Item

010	HL	Hierarchical Level - Item Level
020	LIN	Item Identification
030	SN1	Item Detail (Shipment)
070	PID	Product/Item Description
200	DTM	Date/Time Reference

N1 - Loop – HL – ITEM

210	N1	MP – Manufacturing Plant
240	N3	Party Location
250	N4	Geographic Location

SUMMARY:

POS NO.	SEG.ID	NAME
010	CTT	Transaction Totals
020	SE	Transaction Set Trailer



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856 Advance Shipment Notice
Functional Group – GS-01 = SH
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EDI Reference Guide

ST - SEGMENT			
HEADER		MANDATORY	MAX USE: 1
PURPOSE: TRANSACTION SET HEADER			
ELEMENT #			DESCRIPTION
M	ST01-143 ID	3/3	TRANSACTION PURPOSE CODE
			856 = Ship Notice/Manifest
M	ST02-329 AN	4/9	TRANSACTION SET CONTROL NUMBER
			System generated control number

BSN - SEGMENT			
HEADER		MANDATORY	MAX USE: 1
PURPOSE: BEGINING SEGMENT FOR SHIP NOTICE			
ELEMENT #			DESCRIPTION
M	BSN01-353 ID	2/2	TRANSACTION PURPOSE CODE
			00 = Original
M	BSN02-396 AN	2/30	SHIPMENT ID
			Unique Sequence Number
M	BSN03-373 DT	8/8	DATE
			Shipment Transaction Set Create Date Format : CCYYMMDD
M	BSN04-337 DT	4/4	TIME
			Shipment Transaction Set Create Time Format : HHMM

Note: Currently a transaction purpose code of '00' will be the only code accepted. All receipts of an ASN will be processed as an original ASN and therefore, will overlay any previous transmissions sent. This is allowed only until the truck is arrived at Wakefern.



Inbound Warehouse
856 Advance Shipment Notice
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EDI Reference Guide

HIERARCHICAL LEVEL - SEGMENT			
HL			
DETAIL		MANDATORY	
PURPOSE: IDENTIFY HIERARCHY BETWEEN RELATED GROUPS OF DATA			
HL = SHIPMENT			
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION	
M	HL01-628 AN 1/12	HIERARCHY ID NUMBER	Shipment Level Sequence Number
O	HL02-734 AN 1/12	HIERARCHICAL PARENT ID	Parent Sequence Number
M	HL03-735 ID 1/2	HIERARCH LEVEL CODE	S = Shipment Level

TD5			
DETAIL		OPTIONAL	
PURPOSE: CARRIER DETAILS (ROUTING SEQUENCE / TRANSIT TIME)			
HL = SHIPMENT			
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION	
O	TD501-133 ID 1/2	ROUTING SEQUENCE CODE	Code describing the relationship of a carrier to a specific shipment movement
C	TD502- 66 ID 1/2	IDENTIFICATION CODE QUALIFIER	Code designating the system/method of code structure used for Identification Code
C	TD503-67 AN 2/80	IDENTIFICATION CODE	Code identifying a party or other code

DTM			
DETAIL		OPTIONAL	
PURPOSE: DATE/TIME REFERENCE - SEGMENT			
HL = SHIPMENT			
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION	
M	DTM01-374 AN 3/3	DATE TIME QUALIFIER	067 = Current Schedule Delivery Date
C	DTM02-373 DT 6/6	DATE	Corresponding Date: Format : CCYYMMDD
M	DTM03-337 TM 4/8	TIME	Corresponding Time: Format : HHMM



Inbound Warehouse
856 Advance Shipment Notice
Functional Group – GS-01 = SH
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EDI Reference Guide

N1			MANDATORY	MAX USE: 1
DETAIL			PURPOSE: PARTY IDENTIFICATION	
HL = SHIPMENT				
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION		
M	N101-98 ID 2/2	ENTITY ID CODE	‘ST’ = Ship To	
M	N102-92 DT 6/6	NAME	Coinciding Name	
C	N103-66 ID 1/2	ID CODE QUALIFIER	‘9’ = D-U-N-S Number with Four Character Suffix	
C	N104-67 AN 2/20	ID CODE	Coinciding Duns Number	

N1			MANDATORY	MAX USE: 1
DETAIL			PURPOSE: PARTY IDENTIFICATION	
HL = SHIPMENT				
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION		
M	N101-98 ID 2/2	ENTITY ID CODE	‘SF’ = Ship From	
M	N102-92 DT 6/6	NAME	Coinciding Name	
C	N103-66 ID 1/2	ID CODE QUALIFIER	‘9’ = D-U-N-S Number with Four Character Suffix	
C	N104-67 AN 2/20	ID CODE	Coinciding Duns Number	

N3			MANDATORY for <u>FDA FSMA204 FTL Items</u>	MAX USE: 2
DETAIL			OPTIONAL for all other items	
HL = SHIPMENT			PURPOSE: PARTY LOCATION	
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION		
M	N301-166 AN 1/55	ADDRESS INFORMATION	Address Information	



Inbound Warehouse
856 Advance Shipment Notice
Functional Group – GS-01 = SH
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EDI Reference Guide

N4			DETAIL	MANDATORY for <u>FDA FSMA204 FTL Items</u>	MAX USE: 1
OPTIONAL for all other items PURPOSE: GEOGRAPHIC LOCATION HL = SHIPMENT					
ELEMENT #			DESCRIPTION	QUALIFIER/DEFNITION	
O	N401-19 AN	2/30	CITY NAME	Free-form text for city name	
C	N402-156 ID	2/2	STATE OR PROVINCE CODE	Code (Standard State/Province) as defined by appropriate government agency	
O	N403-116 ID	3/15	POSTAL CODE	Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
C	N404-26 ID	2/3	COUNTRY CODE	Code identifying the country	

REF			DETAIL	OPTIONAL	MAX USE: 200
PURPOSE: REFERENCE IDENTIFICATION HL = SHIPMENT					
ELEMENT #			DESCRIPTION	QUALIFIER/DEFNITION	
M	REF01-128 ID	2/3	REFERENCE IDENTIFICATION QUALIFIER	‘ZZ’ = Mutually Defined	
C	REF02-127 AN	1/30	REFERENCE IDENTIFICATION	Ship From GLN	



Inbound Warehouse
856 Advance Shipment Notice
Functional Group – GS-01 = SH
Version – GS-08 X12 data= 004010 / UCS Data= 004010UCS
EDI Reference Guide

PER			MAX USE: 3
DETAIL	OPTIONAL		
PURPOSE: ADMINISTRATIVE COMMUNICATIONS CONTACT			
HL = SHIPMENT			
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION	
M PER01-366 ID 2/2	CONTACT FUNCTION CODE	‘OC’ = Order Contact	
O PER02-93 AN 2/60	NAME	Coinciding Name	
C PER03-365 ID 2/2	COMMUNICATION NUMBER QUALIFIER	TE – Telephone Number	
C PER04-364 AN 1/80	COMMUNICATION NUMBER	Contact Number	

NOTE – Segment can be sent at the SHIPMENT or TARE Level

HL			MAX USE: 1
DETAIL	MANDATORY		
PURPOSE: IDENTIFY HIERARCHY BETWEEN RELATED GROUPS OF DATA			
HL = ORDER			
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION	
M HL01-628 AN 1/12	HIERARCHY ID NUMBER	Order Level Sequence Number	
O HL02-734 AN 1/12	HIERARCHICAL PARENT ID	Parent Sequence Number	
M HL03-735 ID 1/2	HIERARCH LEVEL CODE	O = Order Level	

PRF			MAX USE: 1
DETAIL	OPTIONAL		
PURPOSE: PROVIDE A REFERENCE FOR A SPECIFIC PURCHASE ORDER			
HL = ORDER			
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION	
M PRF01-324 AN 1/22	PO NUMBER	8 Digit Wakefern PO Number (2 Digit Division ID + 6 Digit Wakefern PO Number)	
O PRF04-373 DT 8/8	PO DATE	Wakefern PO Date Format : CCYYMMDD	



Inbound Warehouse
856 Advance Shipment Notice
Functional Group – GS-01 = SH
Version – GS-08 X12 data= 004010 / UCS Data= 004010UCS
EDI Reference Guide

HL		
DETAIL	MANDATORY	MAX USE: 1
PURPOSE: IDENTIFY HIERARCHY BETWEEN RELATED GROUPS OF DATA		
HL = TARE		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M HL01-628 AN 1/12	HIERARCHY ID NUMBER	Tare Level Sequence Number
O HL02-734 AN 1/12	HIERARCHICAL PARENT ID	Parent Sequence Number
M HL03-735 ID 1/2	HIERARCH LEVEL CODE	T = Tare

MAN		
DETAIL	OPTIONAL	MAX USE: 1
PURPOSE: INDICATES IDENTIFYING MARKS AND NUMBER FOR CONTAINER		
HL = TARE		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M MAN01-88 ID 1/2	MARKS AND NUMBER QUAL	GM = EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier
M MAN02-87 AN 1/48	MARKS AND NUMBERS	SSCC Code

DTM		
DETAIL	OPTIONAL	MAX USE: 10
PURPOSE: DATE/TIME REFERENCE - SEGMENT		
HL = TARE		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M DTM01-374 ID 3/3	DATE TIME QUALIFIER	405 = Production Used to identify dates and times that operations or processes were performed
C DTM02-373 DT 8/8	DATE	Corresponding Date: Format : CCYYMMDD
C DTM03-337 TM 4/8	TIME	Corresponding TIME: Format : HHMM

NOTE – Segment can be sent at the TARE or PACK Level



Inbound Warehouse
856 Advance Shipment Notice
Functional Group – GS-01 = SH
Version – GS-08 X12 data= 004010 / UCS Data= 004010UCS
EDI Reference Guide

DTM		
DETAIL	OPTIONAL	MAX USE: 10
PURPOSE: DATE/TIME REFERENCE - SEGMENT		
HL = TARE		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M	DTM01-374 ID 3/3	DATE TIME QUALIFIER 510 = Date Packed
C	DTM02-373 DT 8/8	DATE Corresponding Date: Format : CCYYMMDD
C	DTM03-337 TM 4/8	TIME Corresponding TIME: Format : HHMM

NOTE – Segment can be sent at the TARE or PACK Level

DTM		
DETAIL	OPTIONAL	MAX USE: 10
PURPOSE: DATE/TIME REFERENCE - SEGMENT		
HL = TARE		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M	DTM01-374 ID 3/3	DATE TIME QUALIFIER 511 = Shelf Life Expiration
C	DTM02-373 DT 8/8	DATE Corresponding Date: Format : CCYYMMDD
C	DTM03-337 TM 4/8	TIME Corresponding TIME: Format : HHMM

NOTE – Segment can be sent at the TARE or PACK Level

PAL		
DETAIL	OPTIONAL	MAX USE: 1
PURPOSE: IDENTIFY THE TYPE AND PHYSICAL ATTRIBUTES OF A PALLET.		
HL = TARE		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
O	PAL02-884 NO 1/3	PALLET TIERS The number of layers per pallet
O	PAL03-885 NO 1/3	PALLET BLOCKS The number of pieces (cartons) per layer on the pallet
O	PAL04-356 NO 1/6	PACK The number of inner containers, or number of eaches



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856 Advance Shipment Notice
Functional Group – GS-01 = SH
Version – GS-08 X12 data= 004010 / UCS Data= 004010UCS
EDI Reference Guide

N1		
DETAIL	MANDATORY for <u>FDA FSMA204 FTL ITEMS</u>	MAX USE:
	1	
	OPTIONAL for all other items	
	PURPOSE: PARTY IDENTIFICATION	
	HL = TARE	
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M N101-98 ID 2/2	ENTITY IDENTIFICATION CODE	MP - Manufacturing Plant
C N102-93 AN 1/60	NAME	Coinciding Name
C N103-66 ID 1/2	IDENTIFICATION CODE QUALIFIER	'9' = D-U-N-S Number with Four Character Suffix 'UR' = Uniform Resource Locator (URL)
C N104-67 AN 2/80	IDENTIFICATION CODE	Coinciding Number

NOTE – Segment can be sent at the TARE, PACK or ITEM Level

N3		
DETAIL	OPTIONAL	MAX USE: 2
	PURPOSE: PARTY LOCATION	
	HL = TARE	
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M N301-166 AN 1/55	ADDRESS INFORMATION	Address Information

NOTE – Segment can be sent at the TARE, PACK or ITEM Level

N4		
DETAIL	OPTIONAL	MAX USE: 1
	PURPOSE: GEOGRAPHIC LOCATION	
	HL = TARE	
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
O N401-19 AN 2/30	CITY NAME	Free-form text for city name
O N402-156 ID 2/2	STATE OR PROVINCE CODE	Code (Standard State/Province) as defined by appropriate government agency
O N403-116 ID 3/15	POSTAL CODE	Code defining international postal zone code excluding punctuation and blanks (zip code for United States)
O N404-26 ID 2/3	COUNTRY CODE	Code identifying the country

NOTE – Segment can be sent at the TARE, PACK or ITEM Level



Inbound Warehouse
856 Advance Shipment Notice
Functional Group – GS-01 = SH
Version – GS-08 X12 data= 004010 / UCS Data= 004010UCS
EDI Reference Guide

PER			OPTIONAL	MAX USE: 3
DETAIL			PURPOSE: ADMINISTRATIVE COMMUNICATIONS CONTACT	
HL = TARE				
ELEMENT #			DESCRIPTION	QUALIFIER/DEFNITION
M	PER01-366 ID	2/2	CONTACT FUNCTION CODE	‘OC’ = Order Contact
O	PER02-93 AN	1/60	NAME	Coinciding Name
C	PER03-365 ID	2/2	COMMUNICATION NUMBER QUALIFIER	TE – Telephone Number
C	PER04-364 AN	1/80	COMMUNICATION NUMBER	Contact Number

NOTE – Segment can be sent at the SHIPMENT or TARE Level

HL			MANDATORY	MAX USE: 1
DETAIL			PURPOSE: IDENTIFY HIERARCHY BETWEEN RELATED GROUPS OF DATA	
HL = PACK				
ELEMENT #			DESCRIPTION	QUALIFIER/DEFNITION
M	HL01-628 AN	1/12	HIERARCHY ID NUMBER	Pack Level Sequence Number
O	HL02-734 AN	1/12	HIERARCHICAL PARENT ID	Parent Sequence Number
M	HL03-735 ID	1/2	HIERARCH LEVEL CODE	P = Pack

Note - Either HL Level PACK or ITEM loop MUST be sent



Inbound Warehouse
856 Advance Shipment Notice
Functional Group – GS-01 = SH
Version – GS-08 X12 data= 004010 / UCS Data= 004010UCS
EDI Reference Guide

LIN			MANDATORY for <u>FDA FSMA204 FTL ITEMS</u>	MAX USE:
DETAIL			1	
OPTIONAL for all other items			PURPOSE: ITEM IDENTIFICATION	
HL =PACK				
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION		
M	LIN02-235 ID 2/2	PRODUCT/SERVICE ID QUAL	UK – GTIN – 14 Digit Data Structure UP – UCC – 12 Digit Data Structure UD - U.P.C./EAN Consumer Package Code (2-5-5) VN - Vendor's (Seller's) Item Number	
M	LIN03-234 AN 1/48	PRODUCT SERVICE ID	Coinciding Number	
M	LIN04-235 ID 2/2	PRODUCT/SERVICE ID QUAL	‘LT’ = Lot Number	
M	LIN05-234 AN 1/48	PRODUCT SERVICE ID	Lot Number	
M	LIN06-235 ID 2/2	PRODUCT/SERVICE ID QUAL	‘CH’ = Country of Origin Code	
M	LIN07-234 AN 1/48	PRODUCT SERVICE ID	Country of Origin Code	

NOTE – Segment is required at the PACK or ITEM Level

SN1			OPTIONAL	MAX USE: 1
DETAIL			PURPOSE: ITEM DETAIL (Shipment)	
HL = PACK				
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION		
M	SN102-382 R 1/10	NUMBER OF UNITS SHIPPED	Number of Units	
M	SN103-355 ID 2/2	UNIT OF MEASURE CODE	Unit Of Measure	

NOTE – Segment is required at the PACK or ITEM Level

MAN			OPTIONAL	MAX USE: 1
DETAIL			PURPOSE: MARKS AND NUMBERS	
HL = PACK				
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION		
M	MAN01-88 ID 1/2	MARKS AND NUMBER QUALIFIER	UC = U.P.C. Shipping Container Code	



Inbound Warehouse
856 Advance Shipment Notice
Functional Group – GS-01 = SH
Version – GS-08 X12 data= 004010 / UCS Data= 004010UCS
EDI Reference Guide

MAN02-87 M AN 1/48	MARKS AND NUMBERS	U.P.C. Shipping Container Code
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DTM		
DETAIL	OPTIONAL	MAX USE: 10
PURPOSE: DATE/TIME REFERENCE		
HL = PACK		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M DTM01-374 ID 3/3	DATE TIME QUALIFIER	036 = Expiration - Date coverage expires
C DTM02-373 DT 8/8	DATE	Coinciding Date: Format : CCYYMMDD
C DTM03-337 TM 4/8	TIME	Coinciding Time: Format : HHMM

NOTE – Segment can be sent at the TARE or PACK Level

DTM		
DETAIL	OPTIONAL	MAX USE: 10
PURPOSE: DATE/TIME REFERENCE		
HL = PACK		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M DTM01-374 ID 3/3	DATE TIME QUALIFIER	405 = Production Used to identify dates and times that operations or processes were performed
C DTM02-373 DT 8/8	DATE	Coinciding Date: Format : CCYYMMDD
C DTM03-337 TM 4/8	TIME	Coinciding Time: Format : HHMM

NOTE – Segment can be sent at the TARE or PACK Level

DTM		
DETAIL	OPTIONAL	MAX USE: 10
PURPOSE: DATE/TIME REFERENCE		
HL = PACK		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M DTM01-374 ID 3/3	DATE TIME QUALIFIER	510 = Date Packed
C DTM02-373 DT 8/8	DATE	Coinciding Date: Format : CCYYMMDD
C DTM03-337 TM 4/8	TIME	Coinciding Time: Format : HHMM

NOTE – Segment can be sent at the TARE or PACK Level



Inbound Warehouse
856 Advance Shipment Notice
Functional Group – GS-01 = SH
Version – GS-08 X12 data= 004010 / UCS Data= 004010UCS
EDI Reference Guide

DTM		
DETAIL	OPTIONAL	MAX USE: 10
PURPOSE: DATE/TIME REFERENCE		
HL = PACK		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M DTM01-374 ID 3/3	DATE TIME QUALIFIER	511 = Shelf Life Expiration
C DTM02-373 DT 8/8	DATE	Coinciding Date: Format : CCYYMMDD
C DTM03-337 TM 4/8	TIME	Coinciding Time: Format : HHMM

NOTE – Segment can be sent at the TARE or PACK Level

N1		
DETAIL	MANDATORY for <u>FDA FSMA204 FTL ITEMS</u>	MAX USE: 1
OPTIONAL for all other items		
PURPOSE: PARTY IDENTIFICATION		
HL = PACK		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M N101-98 ID 2/3	ENTITY IDENTIFICATION CODE	MP - Manufacturing Plant
M N102-93 AN 1/60	NAME	Coinciding Name
C N103-66 ID 1/2	IDENTIFICATION CODE QUALIFIER	'9' = D-U-N-S Number with Four Character Suffix 'UR' = Uniform Resource Locator (URL)
C N104-67 AN 2/80	IDENTIFICATION CODE	Coinciding Number

NOTE – Segment can be sent at the TARE, PACK or ITEM Level

N3		
DETAIL	OPTIONAL	MAX USE: 2
PURPOSE: PARTY LOCATION		
HL = PACK		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M N301-166 AN 1/55	ADDRESS INFORMATION	Address Information

NOTE – Segment can be sent at the TARE, PACK or ITEM Level



Inbound Warehouse
856 Advance Shipment Notice
Functional Group – GS-01 = SH
Version – GS-08 X12 data= 004010 / UCS Data= 004010UCS
EDI Reference Guide

N4		
DETAIL	MANDATORY for <u>FDA FSMA204 FTL ITEMS</u>	MAX USE:
	1	
	OPTIONAL for all other items	
	PURPOSE: GEOGRAPHIC LOCATION	
	HL = PACK	
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
O N401-19 AN 2/30	CITY NAME	Free-form text for city name
O N402-156 ID 2/2	STATE OR PROVINCE CODE	Code (Standard State/Province) as defined by appropriate government agency
O N403-116 ID 3/15	POSTAL CODE	Code defining international postal zone code excluding punctuation and blanks (zip code for United States)
O N404-26 ID 2/3	COUNTRY CODE	Code identifying the country

NOTE – Segment can be sent at the TARE, PACK or ITEM Level

HL		
DETAIL	MANDATORY	MAX USE: 1
	PURPOSE: IDENTIFY HIERARCHY BETWEEN RELATED GROUPS OF DATA	
	HL = ITEM	
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M HL01-628 AN 1/12	HIERARCHY ID NUMBER	Line Level Sequence Number
O HL02-734 AN 1/12	HIERARCHICAL PARENT ID	Parent Sequence Number
M HL03-735 ID 1/2	HIERARCH LEVEL CODE	I = Item

Note - Either HL Level PACK or ITEM loop MUST be sent



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856 Advance Shipment Notice
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EDI Reference Guide

ITEM IDENTIFICATION - SEGMENT		
LIN		
DETAIL	MANDATORY for <u>FDA FSMA204 FTL ITEMS</u>	MAX USE:
	1	
	OPTIONAL for all other items	
	PURPOSE: SPECIFY BASIC ITEM ID DATA	
	HL =ITEM	
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M LIN02-235 ID 2/2	PRODUCT/SERVICE ID QUAL	UK – GTIN – 14 Digit Data Structure UP – UCC – 12 Digit Data Structure UD - U.P.C./EAN Consumer Package Code (2-5-5) VN - Vendor's (Seller's) Item Number
M LIN03-234 AN 1/48	PRODUCT SERVICE ID	Coinciding Number
M LIN04-235 ID 2/2	PRODUCT/SERVICE ID QUAL	'LT' = Lot Number
M LIN05-234 AN 1/48	PRODUCT SERVICE ID	Lot Number
M LIN06-235 ID 2/2	PRODUCT/SERVICE ID QUAL	'CH' = Country of Origin Code
M LIN07-234 AN 1/48	PRODUCT SERVICE ID	Country of Origin Code

NOTE – Segment is required at the PACK or ITEM Level

SN1		
DETAIL	OPTIONAL	MAX USE: 1
PURPOSE:	Item Detail (Shipment)	
	HL = ITEM	
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M SN102-382 R 1/10	NUMBER OF UNITS SHIPPED	Number of Units
M SN103-355 ID 2/2	UNIT OF MEASURE CODE	Unit Of Measure

NOTE – Segment is required at the PACK or ITEM Level

PID		
DETAIL	OPTIONAL	MAX USE: 200
PURPOSE:	DESCRIPTION	
	HL = ITEM	
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M PID01-349 ID 1/1	ITEM DESCRIPTION TYPE	Code indicating the format of a description
C PID05-352 AN 1/80	DESCRIPTION	A free-form description to clarify the related data elements and their content



Inbound Warehouse
856 Advance Shipment Notice
Functional Group – GS-01 = SH
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EDI Reference Guide

DTM		
DETAIL	OPTIONAL	MAX USE: 10
PURPOSE: DATE/TIME REFERENCE - SEGMENT		
HL = ITEM		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M DTM01-374 ID 3/3	DATE TIME QUALIFIER	036 = Expiration - Date coverage expires
C DTM02-373 DT 8/8	DATE	Coinciding Date: Format : CCYYMMDD
C DTM03- 337 TM 4/8	TIME	Coinciding Time: Format : HHMM

N1		
DETAIL	MANDATORY for <u>FDA FSMA204 FTL ITEMS</u>	MAX USE: 1
OPTIONAL for all other items		
PURPOSE: PARTY IDENTIFICATION		
HL = ITEM		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M N101-98 ID 2/3	ENTITY IDENTIFICATION CODE	MP - Manufacturing Plant
M N102-93 AN 1/60	NAME	Coinciding Name
C N103-66 ID 1/2	IDENTIFICATION CODE QUALIFIER	'9' = D-U-N-S Number with Four Character Suffix 'UR' = Uniform Resource Locator (URL)
C N104-67 AN 2/80	IDENTIFICATION CODE	Coinciding Number

NOTE – Segment can be sent at the TARE, PACK or ITEM Level

N3		
DETAIL	OPTIONAL	MAX USE: 2
PURPOSE: PARTY LOCATION		
HL = ITEM		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION
M N301-166 AN 1/55	ADDRESS INFORMATION	Address Information

NOTE – Segment can be sent at the TARE, PACK or ITEM Level



Inbound Warehouse
856 Advance Shipment Notice
Functional Group – GS-01 = SH
Version – GS-08 X12 data= 004010 / UCS Data= 004010UCS
EDI Reference Guide

N4			MAX USE:
DETAIL	MANDATORY for <u>FDA FSMA204 FTL ITEMS</u>		1
	OPTIONAL for all other items		
	PURPOSE: GEOGRAPHIC LOCATION		
	HL = ITEM		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION	
O N401-19 AN 2/30	CITY NAME	Free-form text for city name	
O N402-156 ID 2/2	STATE OR PROVINCE CODE	Code (Standard State/Province) as defined by appropriate government agency	
O N403-116 ID 3/15	POSTAL CODE	Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
O N404-26 ID 2/3	COUNTRY CODE	Code identifying the country	

NOTE – Segment can be sent at the TARE, PACK or ITEM Level

CTT			MAX USE: 1
SUMMARY	OPTIONAL		
	PURPOSE: TRANSACTION TOTALS		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION	
M CTT01-354 N0 1/6	NUMBER OF LINES	Total number of line items in the transaction set	
O CTT02-347 R 1/10	HASH TOTAL	Sum of values of the specified data element.	

SE			MAX USE: 1
SUMMARY	MANDATORY		
	PURPOSE: TRANSACTION TOTALS		
ELEMENT #	DESCRIPTION	QUALIFIER/DEFNITION	
M SE01-96 N0 1/10	NUMBER OF LINES	Number of Included Segments	
M SE02-329 AN 4/9	TRANSACTION SET CONTROL NUMBER	Identifying control number that must be unique within the transaction set	