

810 Delhaize America Invoice Version 5010

Functional Group ID=**IN**

Introduction:

The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Notes:



Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	0050	ISA	Interchange Control Header	M	1		
M	0075	GS	Functional Group Header	M	1		
M	0100	ST	Transaction Set Header	M	1		
M	0200	BIG	Beginning Segment for Invoice	M	1		
	0300	NTE	Note/Special Instruction	O	100		
	0500	REF	Reference Information	O	12		
	0525	REF	Reference Information	O	1		
LOOP ID - N1						200	
M	0700	N1	Name - Remit-to Location	M	1		
Must Use	0900	N3	Party Location	O	2		
Must Use	1000	N4	Geographic Location	O	1		
LOOP ID - N1						1	
M	1275	N1	Name - Ship-To Information	M	1		
M	1300	ITD	Terms of Sale/Deferred Terms of Sale	M	>1		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - IT1						200000	
M	0100	IT1	Baseline Item Data (Invoice)	M	1		
	0300	IT3	Additional Item Data	O	5		
LOOP ID - PID						1000	
M	0600	PID	Product/Item Description	M	1		
M	1000	PO4	Item Physical Details	M	1		
LOOP ID - SAC						>1	
	1800	SAC	Service, Promotion, Allowance, or Charge Information	O	1		

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	0100	TDS	Total Monetary Value Summary	M	1		

			LOOP ID - SAC		>1
	0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1
			LOOP ID - ISS		1
M	0625	ISS	Invoice Shipment Summary	M	1
			LOOP ID - ISS		>1
M	0600	ISS	Invoice Shipment Summary	M	1
			LOOP ID - ISS		1
	0675	ISS	Cigarette Invoice Shipment Summary	O	1
M	0800	SE	Transaction Set Trailer	M	1
M	0900	GE	Functional Group Trailer	M	1
M	1000	IEA	Interchange Control Trailer	M	1

Segment: **ISA** Interchange Control Header
Position: 0050
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ISA01	I01	Authorization Information Qualifier 00 No Authorization Information Present (No Meaningful Information in I02)	M 1 ID 2/2
M	ISA03	I03	Security Information Qualifier 00 No Security Information Present (No Meaningful Information in I04)	M 1 ID 2/2
M	ISA05	I05	Interchange ID Qualifier Appropriate Trading Partner Qualifier	M 1 ID 2/2
M	ISA06	I06	Interchange Sender ID Appropriate Trading Partner Sender ID	M 1 AN 15/15
M	ISA07	I05	Interchange ID Qualifier 07 Global Location Number (GLN) A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system	M 1 ID 2/2
M	ISA08	I07	Interchange Receiver ID 5400110000009	M 1 AN 15/15
M	ISA09	I08	Interchange Date	M 1 DT 6/6
M	ISA10	I09	Interchange Time	M 1 TM 4/4
M	ISA11	I65	Repetition Separator	M 1 AN 1/1
M	ISA12	I11	Interchange Control Version Number 00501 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003	M 1 ID 5/5
M	ISA13	I12	Interchange Control Number	M 1 N0 9/9
M	ISA14	I13	Acknowledgment Requested 0 No Interchange Acknowledgment Requested	M 1 ID 1/1
M	ISA15	I14	Usage Indicator P Production Data	M 1 ID 1/1
M	ISA16	I15	Component Element Separator Colon (:)	M 1 AN 1/1

Segment: **GS** Functional Group Header
Position: 0075
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information

Syntax Notes:
Semantic Notes: 1 GS04 is the group date.

- Comments:**
- 2 GS05 is the group time.
 - 3 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.
 - 1 A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	GS01	479 Functional Identifier Code IN Invoice Information (810)	M 1 ID 2/2
M	GS02	142 Application Sender's Code Appropriate Code for Trading Partner	M 1 AN 2/15
M	GS03	124 Application Receiver's Code 540011000	M 1 AN 2/15
M	GS04	373 Date	M 1 DT 8/8
M	GS05	337 Time	M 1 TM 4/8
M	GS06	28 Group Control Number	M 1 N0 1/9
M	GS07	455 Responsible Agency Code X Accredited Standards Committee X12	M 1 ID 1/2
M	GS08	480 Version / Release / Industry Identifier Code 005010 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003	M 1 AN 1/12

- Segment:** **ST** Transaction Set Header
- Position:** 0100
- Loop:**
- Level:** Heading
- Usage:** Mandatory
- Max Use:** 1
- Purpose:** To indicate the start of a transaction set and to assign a control number
- Syntax Notes:**
- Semantic Notes:**
- 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
 - 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

Comments:

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143 Transaction Set Identifier Code 810 Invoice	M 1 ID 3/3
M	ST02	329 Transaction Set Control Number The control number is comprised of the functional group control number (Data Element 28 in the GS segment) followed by a four-digit sequence number. The sequence number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first sequence number will be 0001 and will be incremented by one for each additional transaction set within the group.	M 1 AN 4/9

Segment: **BIG** Beginning Segment for Invoice
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes:

- 1 BIG01 is the invoice issue date.
- 2 BIG03 is the date assigned by the purchaser to purchase order.
- 3 BIG10 is the consolidated invoice number associated with the invoice identified in BIG02. When BIG07 contains code CI (Consolidated Invoice), BIG02 will contain the consolidated invoice number and BIG10 is not used.

Comments:

- 1 BIG07 is used only to further define the type of invoice when needed.

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	BIG01	373	Date	M 1 DT 8/8
			Invoice issue date	
M	BIG02	76	Invoice Number	M 1 AN 1/22
			We will read only the first 10 positions of the invoice number transmitted.	
Must Use	BIG03	373	Date	O 1 DT 8/8
			Purchase Order issue date	
Must Use	BIG04	324	Purchase Order Number	O 1 AN 1/22
	BIG05	328	Release Number	O 1 AN 1/30
			Invoice number - required for Direct Store Delivery vendors serving Hannaford Bros. and SweetBay stores only	
	BIG10	76	Invoice Number	O 1 AN 1/22

Segment: **NTE** Note/Special Instruction
Position: 0300
Loop:
Level: Heading
Usage: Optional
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:

Semantic Notes:

Comments:

- 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processible. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	NTE02	352	Description	M 1 AN 1/80
			Produce Suppliers should use the NTE02 element to provide PACA information. Multiple NTE segments should be used to provide PACA information if the statement exceeds 80 positions as allowed by the EDI standard for one NTE02 element.	

Segment: **REF** Reference Information

Position: 0500
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary

M	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
	REF01	128 Reference Identification Qualifier VR Vendor ID Number	M 1 ID 2/3
	REF02	127 Reference Identification	X 1 AN 1/50

Segment: **REF** Reference Information
Position: 0525
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:
Notes: Use this REF segment to send miscellaneous business information regarding this transmission.

Data Element Summary

M	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
	REF01	128 Reference Identification Qualifier Any version 5010 standard code for element 128 accepted. H9 Payment History Reference Number	M 1 ID 2/3
	REF02	127 Reference Identification	X 1 AN 1/50
	REF03	352 Description	X 1 AN 1/80

Segment: **N1** Name - Remit-to Location
Position: 0700
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:

- 1 At least one of N102 or N103 is required.
- 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:
Comments:

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

Notes: This segment is mandatory for Delhaize America invoices. Failure to send this segment will result in your invoices being rejected and not processed for payment.

Use this segment with a code in N104 whenever possible. This will eliminate the need to send complete name and address information in the N2 - N4 segments.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code RI Remit To	M 1 ID 2/3
Must Use	N102	93 Name Vendor name	X 1 AN 1/60
	N103	66 Identification Code Qualifier 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	X 1 ID 1/2
Must Use	N104	67 Identification Code Vendor Duns plus four digit suffix	X 1 AN 2/80

Segment: N3 Party Location
Position: 0900
Loop: N1 Mandatory
Level: Heading
Usage: Optional (Must Use)
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Notes: Use segments N2 - N4 only if address information for the referenced organization or company in the N1 segment cannot be derived from the code in N104.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N301	166 Address Information Street address or Post Office box	M 1 AN 1/55

Segment: N4 Geographic Location
Position: 1000
Loop: N1 Mandatory
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:
 1 Only one of N402 or N407 may be present.
 2 If N406 is present, then N405 is required.
 3 If N407 is present, then N404 is required.

Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the U.S. or Canada.

Notes: Use segments N2 - N4 only if address information for the referenced organization or company in the N1 segment cannot be derived from the code in N104.

Data Element Summary

Ref.	Data Element	Name	Attributes
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Must Use	N401	19	City Name	O	1	AN 2/30
Must Use	N402	156	State or Province Code	X	1	ID 2/2
Must Use	N403	116	Postal Code	O	1	ID 3/15
			Zip 5 or 5+4 format			

Segment: N1 Name - Ship-To Information

Position: 1275

Loop: N1 Mandatory

Level: Heading

Usage: Mandatory

Max Use: 1

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

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

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

Semantic Notes:

- Comments:**
- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 - 2 N105 and N106 further define the type of entity in N101.

Notes: This segment is mandatory for Delhaize America invoices. Failure to send this segment will result in your invoice being rejected and not processed for payment.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code ST Ship To	M 1 ID 2/3
Must Use	N102	93 Name For Hannaford Bros. Direct Store Delivery invoices, please send the store number before the name 'Hannaford Bros. Co'.	X 1 AN 1/60
Must Use	N103	66 Identification Code Qualifier 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	X 1 ID 1/2
Must Use	N104	67 Identification Code Delhaize America Ship To Duns Table For Our Distribution Centers DC01 54 Hemco Road, So. Portland, ME 04106 0069495560010 - So. Portland DC Grocery 0069495560012 - So. Portland DC Dairy 0069495560013 - So. Portland DC Frozen 0069495560014 - So. Portland DC Meat 0069495560015 - So. Portland DC Produce 0069495560020 - So. Portland DC Gen. Mdse. 0069495560023 - So. Portland DC ALR Whse. DC02 970 Route 9, Schodack Landing, NY 12156-9714 0069495560040 - Schodack DC Grocery 0069495560042 - Schodack DC Dairy 0069495560043 - Schodack DC Frozen 0069495560044 - Schodack DC Meat 0069495560045 - Schodack DC Produce DC03 Route 202, Winthrop, ME 04364 0069495560071 - Progressive Dist. Inc. 0069495560074 - Progressive Dist. Inc. (RX) DC10 (Dry)	X 1 AN 2/80

2110 Executive Drive, Salisbury, NC 28144
0034485600011

DC10 (Fresh)
2085 Harrison Road, Salisbury, NC 28144
0034485600012

Salisbury Corporate
Food Lion Corporate Office 2110 Executive Drive, Salisbury, NC 28144
0034485600019

DC20
6500 Enterprize Dr., Disputanta, VA 23842
0034485600020

DC30
Snider Street, Elloree, SC 29047
0034485600030

DC04
Highway 301 South, Dunn, NC 28334
0034485600040

DC07
Antrim-Green Castle Industrial Park Lot 16 Commerce Ave, Green Castle, PA
17225
0034485600070

DC09
1703 East D Street, Butner NC 27509
0034485600090

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 1300
Loop:
Level: Heading
Usage: Mandatory
Max Use: >1
Purpose: To specify terms of sale
Syntax Notes:

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

Semantic Notes:

- 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments:

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

Notes: This segment is mandatory for Delhaize America invoices. Failure to send this segment will result in your invoice being rejected and not processed for payment.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Terms Type Code</u>	
M	ITD01	336	M 1 ID 2/2
		01	Basic

02	End of Month (EOM)
03	Fixed Date
04	Deferred or Installment
05	Discount Not Applicable
06	Mixed
07	Extended
08	Basic Discount Offered
11	Elective
16	Prompt Payment Act
23	Payment Due Upon Receipt of Invoice

M	ITD02	333	Terms Basis Date Code	M	1	ID 1/2
All EDI Standard codes in Data Element 333 accepted						
M	ITD03	338	Terms Discount Percent	M	1	R3 1/6
Must Use	ITD04	370	Terms Discount Due Date	X	1	DT 8/8
Must Use	ITD05	351	Terms Discount Days Due	X	1	N0 1/3
Must Use	ITD06	446	Terms Net Due Date	O	1	DT 8/8
M	ITD07	386	Terms Net Days	M	1	N0 1/3
Must Use	ITD08	362	Terms Discount Amount	O	1	N2 1/10

Segment: **IT1** **Baseline Item Data (Invoice)**

Position: 0100

Loop: IT1 Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

- Syntax Notes:**
- 1 If any of IT102 IT103 or IT104 is present, then all are required.
 - 2 If either IT106 or IT107 is present, then the other is required.
 - 3 If either IT108 or IT109 is present, then the other is required.
 - 4 If either IT110 or IT111 is present, then the other is required.
 - 5 If either IT112 or IT113 is present, then the other is required.
 - 6 If either IT114 or IT115 is present, then the other is required.
 - 7 If either IT116 or IT117 is present, then the other is required.
 - 8 If either IT118 or IT119 is present, then the other is required.
 - 9 If either IT120 or IT121 is present, then the other is required.
 - 10 If either IT122 or IT123 is present, then the other is required.
 - 11 If either IT124 or IT125 is present, then the other is required.

Semantic Notes: 1 IT101 is the line item identification.

- Comments:**
- 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
 - 2 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: This segment is mandatory for Delhaize America invoices. Failure to send these elements will result in your invoice being rejected and not processed for payment.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	IT102	358 Quantity Invoiced	X	1 R3 1/15
Must Use	IT103	355 Unit or Basis for Measurement Code	X	1 ID 2/2

The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.

15	Stick
1N	Count
2W	Bin

	Storage container used as a unit of measurement
58	Net Kilograms
AF	Centigram
	A unit of metric weight equal to 0.01 gram or 0.000035 ounce
AS	Assortment
BA	Bale
BG	Bag
BI	Bar
	A centimeter-gram-second unit of pressure, equal to one million dynes per square centimeter
BL	Block
BN	Bulk
BO	Bottle
BR	Barrel
BU	Bushel
	32 dry quarts
BX	Box
C3	Centiliter
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius
CF	Cubic Feet
CI	Cubic Inches
CM	Centimeter
CN	Can
CO	Cubic Meters (Net)
CQ	Cartridge
CR	Cubic Meter
CT	Carton
CU	Cup
CV	Cover
CW	Hundred Pounds (CWT)
DA	Days
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DS	Display
DZ	Dozen
EA	Each
EV	Envelope
FA	Fahrenheit
FJ	Sizing Factor
FO	Fluid Ounce
FT	Foot
GA	Gallon
GH	Half Gallon
GR	Gram
GT	Gross Kilogram
	Represents kilograms of product and package or container
HC	Hundred Count

HD	Half Dozen
IN	Inch
JR	Jar
KE	Keg
	A unit of weight equal to 100 pounds, used for nails
KG	Kilogram
KT	Kit
LB	Pound
LF	Linear Foot
LK	Link
LM	Linear Meter
LR	Layer(s)
LT	Liter
ML	Milliliter
MM	Millimeter
MR	Meter
MX	Mixed
NT	Trailer
OZ	Ounce - Av
P1	Percent
PA	Pail
PC	Piece
PE	Pounds Equivalent
PG	Pounds Gross
PK	Package
PL	Pallet/Unit Load
PN	Pounds Net
PR	Pair
PT	Pint
PV	Half Pint
PY	Peck, Dry U.S.
QS	Quart, Dry U.S.
QT	Quart
SF	Square Foot
SH	Sheet
SM	Square Meter
SX	Shipment
TE	Tote
TH	Thousand
TK	Tank
UN	Unit
UY	Fifty Square Feet
UZ	Fifty Count
V2	Pouch
WH	Wheel
WT	Special Code Requested by Delhaize America
YD	Yard

M	IT104	212	Unit Price	M	1	R4 1/17
This element is required for Delhaize America invoices.						
M	IT106	235	Product/Service ID Qualifier	M	1	ID 2/2

UA	U.P.C./EAN Case Code (2-5-5)
UI	U.P.C. Consumer Package Code (1-5-5)
UK	GTIN 14-digit Data Structure Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)
UP	UCC - 12 Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)

M	IT107	234	Product/Service ID	M	1	AN 1/48
	IT108	235	Product/Service ID Qualifier	X	1	ID 2/2
			UA			U.P.C./EAN Case Code (2-5-5)
			UI			U.P.C. Consumer Package Code (1-5-5)
			UK			GTIN 14-digit Data Structure Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)
			UP			UCC - 12 Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)
	IT109	234	Product/Service ID	X	1	AN 1/48

Segment: **IT3** Additional Item Data

Position: 0300
Loop: IT1 Mandatory
Level: Detail
Usage: Optional
Max Use: 5

Purpose: To specify additional item details relating to variations between ordered and shipped quantities, or to specify alternate units of measures and quantities

- Syntax Notes:**
- 1 If either IT301 or IT302 is present, then the other is required.
 - 2 At least one of IT301 IT303 IT304 or IT305 is required.

Semantic Notes:
Comments:

Data Element Summary

Ref.	Data Element	Name	Attributes
IT301	382	Number of Units Shipped	X 1 R0 1/10
		IT301 is used when the quantity shipped differs from the quantity invoiced in IT102. Delhaize America requires this for vendors sending weight in the IT102 element only.	
IT302	355	Unit or Basis for Measurement Code	X 1 ID 2/2
		IT302 is used when the unit or basis for measurement code shipped, differs from the unit or basis for measurement code invoiced in IT103. Delhaize America requires this for vendors sending weight in the IT102 element only.	
		15	Stick

1N	Count
2W	Bin Storage container used as a unit of measurement
58	Net Kilograms
AF	Centigram A unit of metric weight equal to 0.01 gram or 0.000035 ounce
AS	Assortment
BA	Bale
BG	Bag
BI	Bar A centimeter-gram-second unit of pressure, equal to one million dynes per square centimeter
BL	Block
BN	Bulk
BO	Bottle
BR	Barrel
BU	Bushel 32 dry quarts
BX	Box
C3	Centiliter
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius
CF	Cubic Feet
CI	Cubic Inches
CM	Centimeter
CN	Can
CO	Cubic Meters (Net)
CQ	Cartridge
CR	Cubic Meter
CT	Carton
CU	Cup
CV	Cover
CW	Hundred Pounds (CWT)
DA	Days
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DS	Display
DZ	Dozen
EA	Each
EV	Envelope
FA	Fahrenheit
FJ	Sizing Factor
FO	Fluid Ounce
FT	Foot
GA	Gallon
GH	Half Gallon
GR	Gram
GT	Gross Kilogram

	Represents kilograms of product and package or container
HC	Hundred Count
HD	Half Dozen
IN	Inch
JR	Jar
KE	Keg
	A unit of weight equal to 100 pounds, used for nails
KG	Kilogram
KT	Kit
LB	Pound
LF	Linear Foot
LK	Link
LM	Linear Meter
LR	Layer(s)
LT	Liter
ML	Milliliter
MM	Millimeter
MR	Meter
MX	Mixed
NT	Trailer
OZ	Ounce - Av
P1	Percent
PA	Pail
PC	Piece
PE	Pounds Equivalent
PG	Pounds Gross
PK	Package
PL	Pallet/Unit Load
PN	Pounds Net
PR	Pair
PT	Pint
PV	Half Pint
PY	Peck, Dry U.S.
QS	Quart, Dry U.S.
QT	Quart
SF	Square Foot
SH	Sheet
SM	Square Meter
SX	Shipment
TE	Tote
TH	Thousand
TK	Tank
UN	Unit
UY	Fifty Square Feet
UZ	Fifty Count
V2	Pouch
WH	Wheel
WT	Special Code Requested by Delhaize America
YD	Yard

Segment: **PID** Product/Item Description
Position: 0600
Loop: PID Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
Syntax Notes:

- 1 If PID04 is present, then PID03 is required.
- 2 At least one of PID04 or PID05 is required.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

Semantic Notes:

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- 4 PID09 is used to identify the language being used in PID05.

Comments:

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

Notes: This segment is required for Delhaize America Invoices.

Data Element Summary

Ref.	Data	Attributes	
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	PID01	349	Item Description Type
		F	Free-form
			If PID01 is the value of F use PID05 for the free-form description.
			If PID01 is the value of S use PID03 to designate the industry code list and PID04 for the product description code.
M	PID05	352	Description
			This element required for Delhaize America invoices.

Segment: **PO4** Item Physical Details
Position: 1000
Loop: IT1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:

- 1 If either PO402 or PO403 is present, then the other is required.
- 2 If PO405 is present, then PO406 is required.
- 3 If either PO406 or PO407 is present, then the other is required.
- 4 If either PO408 or PO409 is present, then the other is required.
- 5 If PO410 is present, then PO413 is required.
- 6 If PO411 is present, then PO413 is required.
- 7 If PO412 is present, then PO413 is required.
- 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
- 9 If PO417 is present, then PO416 is required.
- 10 If PO418 is present, then PO404 is required.

Semantic Notes:

- 1 PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.

- Comments:**
- 2 PO416 is the package identifier or the beginning package identifier in a range of identifiers.
 - 3 PO417 is the ending package identifier in a range of identifiers.
 - 4 PO418 is the number of packages in this layer.
 - 1 PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
 - 2 PO413 defines the unit of measure for PO410, PO411, and PO412.
- Notes:** This segment is required for Delhaize America invoices.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Pack</u>	
M	PO401	356	M 1 N0 1/6
This element is required for Delhaize America invoices.			
	PO402	357	C 1 R3 1/8
	PO403	355	C 1 ID 2/2
The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.			
		15	Stick
		1N	Count
		2W	Bin
			Storage container used as a unit of measurement
		58	Net Kilograms
		AF	Centigram
			A unit of metric weight equal to 0.01 gram or 0.000035 ounce
		AS	Assortment
		BA	Bale
		BG	Bag
		BI	Bar
			A centimeter-gram-second unit of pressure, equal to one million dynes per square centimeter
		BL	Block
		BN	Bulk
		BO	Bottle
		BR	Barrel
		BU	Bushel
			32 dry quarts
		BX	Box
		C3	Centiliter
		CA	Case
		CC	Cubic Centimeter
		CE	Centigrade, Celsius
		CF	Cubic Feet
		CI	Cubic Inches
		CM	Centimeter
		CN	Can
		CO	Cubic Meters (Net)
		CQ	Cartridge
		CR	Cubic Meter
		CT	Carton

CU	Cup
CV	Cover
CW	Hundred Pounds (CWT)
DA	Days
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DS	Display
DZ	Dozen
EA	Each
EV	Envelope
FA	Fahrenheit
FJ	Sizing Factor
FO	Fluid Ounce
FT	Foot
GA	Gallon
GH	Half Gallon
GR	Gram
GT	Gross Kilogram
	Represents kilograms of product and package or container
HC	Hundred Count
HD	Half Dozen
IN	Inch
JR	Jar
KE	Keg
	A unit of weight equal to 100 pounds, used for nails
KG	Kilogram
KT	Kit
LB	Pound
LF	Linear Foot
LK	Link
LM	Linear Meter
LR	Layer(s)
LT	Liter
ML	Milliliter
MM	Millimeter
MR	Meter
MX	Mixed
NT	Trailer
OZ	Ounce - Av
P1	Percent
PA	Pail
PC	Piece
PE	Pounds Equivalent
PG	Pounds Gross
PK	Package
PL	Pallet/Unit Load
PN	Pounds Net
PR	Pair
PT	Pint

PV	Half Pint
PY	Peck, Dry U.S.
QS	Quart, Dry U.S.
QT	Quart
SF	Square Foot
SH	Sheet
SM	Square Meter
SX	Shipment
TE	Tote
TH	Thousand
TK	Tank
UN	Unit
UY	Fifty Square Feet
UZ	Fifty Count
V2	Pouch
WH	Wheel
WT	Special Code Requested by Delhaize America
YD	Yard

PO414 810 Inner Pack O 1 N0 1/6

Segment: **SAC** Service, Promotion, Allowance, or Charge Information

Position: 1800
Loop: SAC Optional

Level: Detail
Usage: Optional

Max Use: 1

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC14 is present, then SAC13 is required.
 - 7 If SAC16 is present, then SAC15 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
 - 7 SAC16 is used to identify the language being used in SAC15.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
 - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: SAC09 and SAC10 are required when SAC08 is used and, SAC09 and SAC10 are different than item detail in IT102 and IT103.

SPECIAL NOTE: This segment is optional, however, if there is a need for the segment, the elements listed are required on Delhaize America invoices.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SAC01	248	Allowance or Charge Indicator	M 1 ID 1/1
			A Allowance	
			C Charge	
Must Use	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X 1 ID 4/4
			A170 Adjustments	
			A260 Advertising Allowance	
			A400 Allowance Non-performance	
			B010 Cents Off	
			B130 Cigarette Stamping	
			B270 Collect Surcharge	
			B290 Combination	
			B320 Competitive Allowance	
			B560 Container Allowance	
			B660 Contract Allowance	
			B720 Cooperative Advertising/Merchandising Allowance (Performance)	
			B800 Credit	
			C000 Defective Allowance	
			C090 Deposit Charges	
			C130 Derrick Charge	
			C260 Discount - Incentive	
			C290 Discount - Service Option (Pickup)	
			C300 Discount - Special	
			C310 Discount	
			C540 Early Buy Allowance	
			D070 Flat Rate	
			D170 Free Goods	
			D200 Freight Charges to Destination	
			D230 Freight Surcharge	
			D240 Freight	
			D250 Freshness/Leaker Allowance	
			D260 Fuel Charge	
			D270 Fuel Surcharge	
			D290 Full Truckload Allowance	
			D450 Grouped Items	
				Indicates the pricing for this line is related to the pricing of some other item either in this transaction or some prior transaction(s)
			D500 Handling	
			D740 In Transit Price Protection	
			E065 Invoice Adjustment	
			E410 Loading	
			E730 New Item Allowance	
			E740 New Store Allowance	
			F050 Other (See related description)	

F155	Packaging
F170	Pallet Exchange Charge
F180	Pallet
F190	Palletizing
F280	Performance Allowance
F290	Performance Award
F330	Pickup and Delivery
F340	Pick/Up
F670	Price and Marketing Allowance
F800	Promotional Allowance
F810	Promotional Discount
F910	Quantity Discount
G740	Service Charge
G830	Shipping and Handling
G930	Slip Sheet Unloading Allowance
H000	Special Allowance
H090	Special Handling
H150	Special Seal Charge
H151	Special Services
H320	State Motor Fuel
H390	Stop-off Charge
H410	Stopping in Transit
H420	Storage in Transit
H560	Swell
H640	Tax - Excise Tax - Destination
H750	Tax - Sales Tax (State and Local)
H760	Tax - State Hazardous Substance
H806	Tax Credit
H850	Tax
H910	Temperature Protection
H970	Terms Allowance
I030	Throughput Allowance
I170	Trade Discount
I310	Truckload Discount
I390	Unloading
I410	Unsaleable Merchandise Allowance
I420	Up Charge
I570	Warehouse

Must Use	SAC05	610	Amount	O	1 N2 1/15
As applies - One either of the SAC05 or SAC08 is required.					
Must Use	SAC08	118	Rate	O	1 R4 1/9
As applies - One either of the SAC05 or SAC08 is required.					
D	SAC09	355	Unit or Basis for Measurement Code	X	1 ID 2/2
Only required if rate is used					
		15	Stick		
		1N	Count		
		2W	Bin		
			Storage container used as a unit of measurement		
		58	Net Kilograms		
		AF	Centigram		
			A unit of metric weight equal to 0.01 gram or 0.000035 ounce		

AS	Assortment
BA	Bale
BG	Bag
BI	Bar
	A centimeter-gram-second unit of pressure, equal to one million dynes per square centimeter
BL	Block
BN	Bulk
BO	Bottle
BR	Barrel
BU	Bushel
	32 dry quarts
BX	Box
C3	Centiliter
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius
CF	Cubic Feet
CI	Cubic Inches
CM	Centimeter
CN	Can
CO	Cubic Meters (Net)
CQ	Cartridge
CR	Cubic Meter
CT	Carton
CU	Cup
CV	Cover
CW	Hundred Pounds (CWT)
DA	Days
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DS	Display
DZ	Dozen
EA	Each
EV	Envelope
FA	Fahrenheit
FJ	Sizing Factor
FO	Fluid Ounce
FT	Foot
GA	Gallon
GH	Half Gallon
GR	Gram
GT	Gross Kilogram
	Represents kilograms of product and package or container
HC	Hundred Count
HD	Half Dozen
IN	Inch
JR	Jar
KE	Keg

	A unit of weight equal to 100 pounds, used for nails
KG	Kilogram
KT	Kit
LB	Pound
LF	Linear Foot
LK	Link
LM	Linear Meter
LR	Layer(s)
LT	Liter
ML	Milliliter
MM	Millimeter
MR	Meter
MX	Mixed
NT	Trailer
OZ	Ounce - Av
P1	Percent
PA	Pail
PC	Piece
PE	Pounds Equivalent
PG	Pounds Gross
PK	Package
PL	Pallet/Unit Load
PN	Pounds Net
PR	Pair
PT	Pint
PV	Half Pint
PY	Peck, Dry U.S.
QS	Quart, Dry U.S.
QT	Quart
SF	Square Foot
SH	Sheet
SM	Square Meter
SX	Shipment
TE	Tote
TH	Thousand
TK	Tank
UN	Unit
UY	Fifty Square Feet
UZ	Fifty Count
V2	Pouch
WH	Wheel
WT	Special Code Requested by Delhaize America
YD	Yard

D	SAC10	380	Quantity	X	1	R3 1/15
			Only required if Rate is used			
Must Use	SAC12	331	Allowance or Charge Method of Handling Code	O	1	ID 2/2
			02 Off Invoice			
			06 Allowance included on invoice			
			Charge to be Paid by Customer			
	SAC15	352	Description	X	1	AN 1/80

Segment: **TDS** Total Monetary Value Summary
Position: 0100
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify the total invoice discounts and amounts
Syntax Notes:
Semantic Notes:

- 1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
- 2 TDS02 indicates the amount upon which the terms discount amount is calculated.
- 3 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
- 4 TDS04 indicates the total amount of terms discount.

Comments:

- 1 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

Data Element Summary

Ref.	Data Element	Name	Attributes		
			M	1	N2 1/15
M	TDS01	610 Amount	M	1	N2 1/15

Segment: **SAC** Service, Promotion, Allowance, or Charge Information
Position: 0400
Loop: SAC Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
Syntax Notes:

- 1 At least one of SAC02 or SAC03 is required.
- 2 If either SAC03 or SAC04 is present, then the other is required.
- 3 If either SAC06 or SAC07 is present, then the other is required.
- 4 If either SAC09 or SAC10 is present, then the other is required.
- 5 If SAC11 is present, then SAC10 is required.
- 6 If SAC14 is present, then SAC13 is required.
- 7 If SAC16 is present, then SAC15 is required.

Semantic Notes:

- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
- 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
- 3 SAC08 is the allowance or charge rate per unit.
- 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
- 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
- 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
- 7 SAC16 is used to identify the language being used in SAC15.

Comments:

- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
- 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis"

Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: SPECIAL NOTE: This segment is optional, however, if there is a need for the segment, the elements listed are required on Delhaize America invoices.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SAC01	248	Allowance or Charge Indicator	M 1 ID 1/1
			A Allowance	
			C Charge	
Must Use	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X 1 ID 4/4
			A170 Adjustments	
			A260 Advertising Allowance	
			A400 Allowance Non-performance	
			B010 Cents Off	
			B130 Cigarette Stamping	
			B270 Collect Surcharge	
			B290 Combination	
			B320 Competitive Allowance	
			B560 Container Allowance	
			B660 Contract Allowance	
			B720 Cooperative Advertising/Merchandising Allowance (Performance)	
			B800 Credit	
			C000 Defective Allowance	
			C090 Deposit Charges	
			C130 Derrick Charge	
			C260 Discount - Incentive	
			C290 Discount - Service Option (Pickup)	
			C300 Discount - Special	
			C310 Discount	
			C540 Early Buy Allowance	
			D070 Flat Rate	
			D170 Free Goods	
			D200 Freight Charges to Destination	
			D230 Freight Surcharge	
			D240 Freight	
			D250 Freshness/Leaker Allowance	
			D260 Fuel Charge	
			D270 Fuel Surcharge	
			D290 Full Truckload Allowance	
			D450 Grouped Items	
			Indicates the pricing for this line is related to the pricing of some other item either in this transaction or some prior transaction(s)	
			D500 Handling	
			D740 In Transit Price Protection	
			E065 Invoice Adjustment	
			E410 Loading	
			E730 New Item Allowance	
			E740 New Store Allowance	
			F050 Other (See related description)	

F155	Packaging
F170	Pallet Exchange Charge
F180	Pallet
F190	Palletizing
F280	Performance Allowance
F290	Performance Award
F330	Pickup and Delivery
F340	Pick/Up
F670	Price and Marketing Allowance
F800	Promotional Allowance
F810	Promotional Discount
F910	Quantity Discount
G740	Service Charge
G830	Shipping and Handling
G930	Slip Sheet Unloading Allowance
H000	Special Allowance
H090	Special Handling
H150	Special Seal Charge
H151	Special Services
H320	State Motor Fuel
H390	Stop-off Charge
H410	Stopping in Transit
H420	Storage in Transit
H560	Swell
H640	Tax - Excise Tax - Destination
H750	Tax - Sales Tax (State and Local)
H760	Tax - State Hazardous Substance
H806	Tax Credit
H850	Tax
H910	Temperature Protection
H970	Terms Allowance
I030	Throughput Allowance
I170	Trade Discount
I310	Truckload Discount
I390	Unloading
I410	Unsaleable Merchandise Allowance
I420	Up Charge
I570	Warehouse

Must Use	SAC05	610	Amount	O	1 N2 1/15
			As applies		
Must Use	SAC08	118	Rate	O	1 R4 1/9
			As applies		
D	SAC09	355	Unit or Basis for Measurement Code	X	1 ID 2/2
			Only required if Rate is used		
			15		Stick
			1N		Count
			2W		Bin
					Storage container used as a unit of measurement
			58		Net Kilograms
			AF		Centigram
					A unit of metric weight equal to 0.01 gram or 0.000035 ounce

AS	Assortment
BA	Bale
BG	Bag
BI	Bar
	A centimeter-gram-second unit of pressure, equal to one million dynes per square centimeter
BL	Block
BN	Bulk
BO	Bottle
BR	Barrel
BU	Bushel
	32 dry quarts
BX	Box
C3	Centiliter
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius
CF	Cubic Feet
CI	Cubic Inches
CM	Centimeter
CN	Can
CO	Cubic Meters (Net)
CQ	Cartridge
CR	Cubic Meter
CT	Carton
CU	Cup
CV	Cover
CW	Hundred Pounds (CWT)
DA	Days
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DS	Display
DZ	Dozen
EA	Each
EV	Envelope
FA	Fahrenheit
FJ	Sizing Factor
FO	Fluid Ounce
FT	Foot
GA	Gallon
GH	Half Gallon
GR	Gram
GT	Gross Kilogram
	Represents kilograms of product and package or container
HC	Hundred Count
HD	Half Dozen
IN	Inch
JR	Jar
KE	Keg

	A unit of weight equal to 100 pounds, used for nails
KG	Kilogram
KT	Kit
LB	Pound
LF	Linear Foot
LK	Link
LM	Linear Meter
LR	Layer(s)
LT	Liter
ML	Milliliter
MM	Millimeter
MR	Meter
MX	Mixed
NT	Trailer
OZ	Ounce - Av
P1	Percent
PA	Pail
PC	Piece
PE	Pounds Equivalent
PG	Pounds Gross
PK	Package
PL	Pallet/Unit Load
PN	Pounds Net
PR	Pair
PT	Pint
PV	Half Pint
PY	Peck, Dry U.S.
QS	Quart, Dry U.S.
QT	Quart
SF	Square Foot
SH	Sheet
SM	Square Meter
SX	Shipment
TE	Tote
TH	Thousand
TK	Tank
UN	Unit
UY	Fifty Square Feet
UZ	Fifty Count
V2	Pouch
WH	Wheel
WT	Special Code Requested by Delhaize America
YD	Yard

D	SAC10	380	Quantity	X	1	R3 1/15
			Only required if Rate is used			
Must Use	SAC12	331	Allowance or Charge Method of Handling Code	O	1	ID 2/2
			02 Off Invoice			
			06 Allowance included on invoice			
	SAC15	352	Description	X	1	AN 1/80
			Charge to be Paid by Customer			

Segment: **ISS Invoice Shipment Summary**
Position: 0625
Loop: ISS Mandatory
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume

- Syntax Notes:**
- 1 At least one of ISS01 ISS03 or ISS05 is required.
 - 2 If either ISS01 or ISS02 is present, then the other is required.
 - 3 If either ISS03 or ISS04 is present, then the other is required.
 - 4 If either ISS05 or ISS06 is present, then the other is required.

- Semantic Notes:**
- 1 ISS07 is the quantity of third party pallets.
 - 2 ISS08 is the gross weight of third party pallets in pounds.

Comments:

Notes: The first iteration(s) should be used as a stand-alone segment to relay the total number of cases, bottles, etc. for which the customer is being invoiced. Subsequent iterations of the ISS segment should couple the ISS and PID segments in the looping structure to relay the total number of wine gallons, spirit gallons, etc. for invoice summarization.

This segment is mandatory for Delhaize America invoices.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	ISS01	382 Number of Units Shipped	M 1 R0 1/10
		ISS01 specifies the total number of cases, bottles, etc. specified in the original purchase order.	
		This element is mandatory for Delhaize America invoices.	
M	ISS02	355 Unit or Basis for Measurement Code	M 1 ID 2/2
		The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.	
		This element is mandatory for Delhaize America invoices.	
		15	Stick
		1N	Count
		2W	Bin
			Storage container used as a unit of measurement
		58	Net Kilograms
		AF	Centigram
			A unit of metric weight equal to 0.01 gram or 0.000035 ounce
		AS	Assortment
		BA	Bale
		BG	Bag
		BI	Bar
			A centimeter-gram-second unit of pressure, equal to one million dynes per square centimeter
		BL	Block
		BN	Bulk
		BO	Bottle
		BR	Barrel
		BU	Bushel
			32 dry quarts
		BX	Box

C3	Centiliter
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius
CF	Cubic Feet
CI	Cubic Inches
CM	Centimeter
CN	Can
CO	Cubic Meters (Net)
CQ	Cartridge
CR	Cubic Meter
CT	Carton
CU	Cup
CV	Cover
CW	Hundred Pounds (CWT)
DA	Days
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DS	Display
DZ	Dozen
EA	Each
EV	Envelope
FA	Fahrenheit
FJ	Sizing Factor
FO	Fluid Ounce
FT	Foot
GA	Gallon
GH	Half Gallon
GR	Gram
GT	Gross Kilogram
	Represents kilograms of product and package or container
HC	Hundred Count
HD	Half Dozen
IN	Inch
JR	Jar
KE	Keg
	A unit of weight equal to 100 pounds, used for nails
KG	Kilogram
KT	Kit
LB	Pound
LF	Linear Foot
LK	Link
LM	Linear Meter
LR	Layer(s)
LT	Liter
ML	Milliliter
MM	Millimeter
MR	Meter
MX	Mixed

NT	Trailer
OZ	Ounce - Av
P1	Percent
PA	Pail
PC	Piece
PE	Pounds Equivalent
PG	Pounds Gross
PK	Package
PL	Pallet/Unit Load
PN	Pounds Net
PR	Pair
PT	Pint
PV	Half Pint
PY	Peck, Dry U.S.
QS	Quart, Dry U.S.
QT	Quart
SF	Square Foot
SH	Sheet
SM	Square Meter
SX	Shipment
TE	Tote
TH	Thousand
TK	Tank
UN	Unit
UY	Fifty Square Feet
UZ	Fifty Count
V2	Pouch
WH	Wheel
WT	Special Code Requested by Delhaize America
YD	Yard

ISS03	81	Weight	X	1 R 1/10
ISS04	355	Unit or Basis for Measurement Code	X	1 ID 2/2

The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.

Refer to 005010 Data Element Dictionary for acceptable code values.

Segment: **ISS Invoice Shipment Summary**

Position: 0600

Loop: ISS Mandatory

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume

- Syntax Notes:**
- 1 At least one of ISS01 ISS03 or ISS05 is required.
 - 2 If either ISS01 or ISS02 is present, then the other is required.
 - 3 If either ISS03 or ISS04 is present, then the other is required.
 - 4 If either ISS05 or ISS06 is present, then the other is required.

- Semantic Notes:**
- 1 ISS07 is the quantity of third party pallets.
 - 2 ISS08 is the gross weight of third party pallets in pounds.

Comments:

Notes: This segment is mandatory for Delhaize America invoices.

Data Element Summary

Ref.	Data	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
M	ISS01	382 Number of Units Shipped	M 1 R0 1/10
ISS01 specifies the total number of cases, bottles, etc. specified in the original purchase order.			
This element is mandatory for Delhaize America invoices.			
M	ISS02	355 Unit or Basis for Measurement Code	M 1 ID 2/2
The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.			
This element is mandatory for Delhaize America invoices.			
		15	Stick
		1N	Count
		2W	Bin
			Storage container used as a unit of measurement
		58	Net Kilograms
		AF	Centigram
			A unit of metric weight equal to 0.01 gram or 0.000035 ounce
		AS	Assortment
		BA	Bale
		BG	Bag
		BI	Bar
			A centimeter-gram-second unit of pressure, equal to one million dynes per square centimeter
		BL	Block
		BN	Bulk
		BO	Bottle
		BR	Barrel
		BU	Bushel
			32 dry quarts
		BX	Box
		C3	Centiliter
		CA	Case
		CC	Cubic Centimeter
		CE	Centigrade, Celsius
		CF	Cubic Feet
		CI	Cubic Inches
		CM	Centimeter
		CN	Can
		CO	Cubic Meters (Net)
		CQ	Cartridge
		CR	Cubic Meter
		CT	Carton
		CU	Cup
		CV	Cover
		CW	Hundred Pounds (CWT)
		DA	Days
		DG	Decigram
		DL	Deciliter

DM	Decimeter
DO	Dollars, U.S.
DS	Display
DZ	Dozen
EA	Each
EV	Envelope
FA	Fahrenheit
FJ	Sizing Factor
FO	Fluid Ounce
FT	Foot
GA	Gallon
GH	Half Gallon
GR	Gram
GT	Gross Kilogram
	Represents kilograms of product and package or container
HC	Hundred Count
HD	Half Dozen
IN	Inch
JR	Jar
KE	Keg
	A unit of weight equal to 100 pounds, used for nails
KG	Kilogram
KT	Kit
LB	Pound
LF	Linear Foot
LK	Link
LM	Linear Meter
LR	Layer(s)
LT	Liter
ML	Milliliter
MM	Millimeter
MR	Meter
MX	Mixed
NT	Trailer
OZ	Ounce - Av
P1	Percent
PA	Pail
PC	Piece
PE	Pounds Equivalent
PG	Pounds Gross
PK	Package
PL	Pallet/Unit Load
PN	Pounds Net
PR	Pair
PT	Pint
PV	Half Pint
PY	Peck, Dry U.S.
QS	Quart, Dry U.S.
QT	Quart
SF	Square Foot
SH	Sheet

SM	Square Meter
SX	Shipment
TE	Tote
TH	Thousand
TK	Tank
UN	Unit
UY	Fifty Square Feet
UZ	Fifty Count
V2	Pouch
WH	Wheel
WT	Special Code Requested by Delhaize America
YD	Yard

ISS03	81	Weight	X	1	R 1/10
ISS04	355	Unit or Basis for Measurement Code	X	1	ID 2/2

The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.

Refer to 005010 Data Element Dictionary for acceptable code values.

Segment: **ISS** Cigarette Invoice Shipment Summary

Position: 0675
Loop: ISS Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume

- Syntax Notes:**
- 1 At least one of ISS01 ISS03 or ISS05 is required.
 - 2 If either ISS01 or ISS02 is present, then the other is required.
 - 3 If either ISS03 or ISS04 is present, then the other is required.
 - 4 If either ISS05 or ISS06 is present, then the other is required.

- Semantic Notes:**
- 1 ISS07 is the quantity of third party pallets.
 - 2 ISS08 is the gross weight of third party pallets in pounds.

Comments:
Notes: This iteration of the ISS segment is required for cigarette suppliers doing business with Food Lion, Bottom Dollar, Bloom, or J H Harvey stores.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
ISS01	382	Number of Thousand Units Invoiced	X 1 R0 1/10
ISS02	355	Unit or Basis for Measurement Code	X 1 ID 2/2

The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.

TH	Thousand
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Segment: **SE** Transaction Set Trailer

Position: 0800
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

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

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	SE01	96 Number of Included Segments	M 1 N0 1/10
		When used in the SE segment, the count includes the total number of segments in the transaction including the ST and SE segments.	
M	SE02	329 Transaction Set Control Number	M 1 AN 4/9
		The transaction set control number (SE02) is the same as that used in the corresponding header (ST02).	

Segment: GE Functional Group Trailer

Position: 0900

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of a functional group and to provide control information

Syntax Notes:

Semantic Notes:

1 The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1 The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	GE01	97 Number of Transaction Sets Included	M 1 N0 1/6
M	GE02	28 Group Control Number	M 1 N0 1/9

Segment: IEA Interchange Control Trailer

Position: 1000

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	IEA01	I16 Number of Included Functional Groups	M 1 N0 1/5
M	IEA02	I12 Interchange Control Number	M 1 N0 9/9