

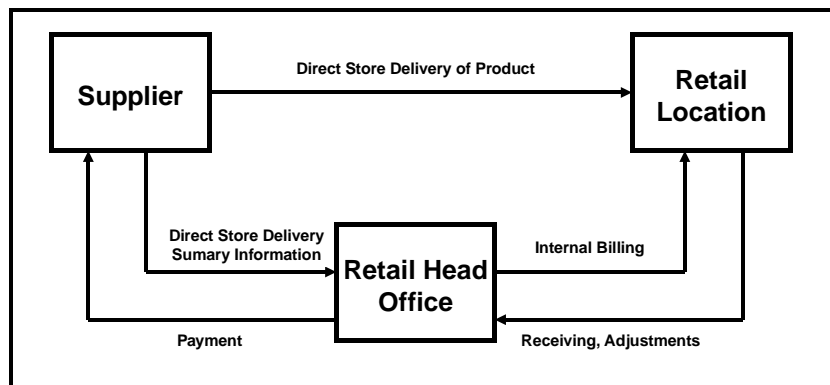
882 Direct Store Delivery Summary Information

Introduction

The purpose of this section is to present and explain the application of the ASC X12 standards as they pertain to the retail industry implementation of the Direct Store Delivery Summary Information Transaction Set.

Within the general merchandise and grocery industries, direct store delivery (DSD) is a common method of replenishment. In this model, replenishment is governed by a pre-arranged vendor agreement that eliminates the purchase order and requires the supplier to re-stock products at the store level, either at pre-arranged intervals or when requested. This replenishment process is used primarily by small franchise retailers with limited in-store systems and no EDI capability.

Once replenishment has occurred, the supplier transmits an 882 transaction to the head office to request payment for the dollar value of the goods supplied to each location (store). The retailer pays the supplier and then bills each individual location.



ASC X12

882 Direct Store Delivery Summary Information

FUNCTIONAL GROUP ID = **IG**

This X12 Transaction Set contains the format and establishes the data contents of the Direct Store Delivery Summary Information Transaction Set (882) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to summarize detailed delivery, return and adjustment information which was previously reconciled at time of delivery in a retail direct store delivery environment, and also to request payment for the products delivered. This transaction set will provide only a summary of direct store deliveries and adjustments without product detail.

A functional profile that describes the use of this transaction set for Canada follows this implementation guideline.

Header

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
1485	0100	ST	Transaction Set Header	M	1	
1486	0200	G47	Statement Identification	M	1	
LOOP ID - 0100						10
1487	0300	N1	Name	M	1	
1488	0400	N2	Additional Name Information	O	1	
1489	0500	N3	Address Information	O	2	
1490	0600	N4	Geographic Location	O	1	
1491	0700	N9	Reference Identification	O	10	
N/U	0800	G61	Contact	O	8	
N/U	0900	G23	Terms of Sale	O	20	

Detail

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
LOOP ID - 0200						9999
1492	0100	G48	Statement/Invoice Identification	M	1	
LOOP ID - 0210						99
1493	0200	G72	Allowance or Charge	O	1	
N/U	0300	G73	Allowance or Charge Description	O	10	
N/U	0400	G23	Terms of Sale	O	20	
N/U	0500	G25	F.O.B. Information	O	1	
1495	0600	G31	Total Invoice Quantity	O	1	
1497	0700	G33	Total Dollars Summary	M	1	

Summary

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
1498	0100	G49	Statement Total	M	1	
1499	0200	SE	Transaction Set Trailer	M	1	

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Header

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
1485	0100	ST	Transaction Set Header	M	1	
1486	0200	G47	Statement Identification	M	1	
LOOP ID - 0100						10
1487	0300	N1	Name	M	1	
1488	0400	N2	Additional Name Information	O	1	
1489	0500	N3	Address Information	O	2	
1490	0600	N4	Geographic Location	O	1	
1491	0700	N9	Reference Identification	O	10	

Detail

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
LOOP ID - 0200						9999
1492	0100	G48	Statement/Invoice Identification	M	1	
LOOP ID - 0210						99
1493	0200	G72	Allowance or Charge	O	1	
1495	0600	G31	Total Invoice Quantity	O	1	
1497	0700	G33	Total Dollars Summary	M	1	

Summary

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1498	0100	G49	Statement Total	M	1	
1499	0200	SE	Transaction Set Trailer	M	1	

Transaction Set Note:

1/0300 One iteration of the N1 segment must be used to identify the party to receive the remittance.

Segment: ST Transaction Set Header

Level: Header

Loop: ____

Usage: Mandatory

Max Use: 1

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

- Semantic:**
- 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.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤	ST01 143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 882 Direct Store Delivery Summary Information	M ID 3/3
➤	ST02 329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.	M AN 4/9
	ST03 1705	Implementation Convention Reference Reference assigned to identify Implementation Convention NOT USED BY THE RETAIL INDUSTRY	O AN 1/35

Segment: G47 Statement Identification

Level: Header

Loop: ___

Usage: Mandatory

Max Use: 1

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ G4701	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M DT 8/8
		Statement date	
➤ G4702	613	Statement Number Identifying number for statement assigned by issuer for charges	M AN 1/16

Segment: **N1 Name**
Level: Header
Loop: 0100 **Usage:** Mandatory **Max Use:** 10
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax: 1 **R0203**
 At least one of N102 or N103 is required.

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

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

Notes: **At least one occurrence of the N1 segment is required to specify the remit-to party by using code RI in N101.**

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BT Bill-to-Party RI Remit To SE Selling Party	M ID 2/3
	N102	93 Name Free-form name	C AN 1/60
➤	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet See External Code Source 16 in Section III for reference document. 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix See External Code Source 16 in Section III for reference document. 21 Health Industry Number (HIN) See External Code Source 121 in Section III for reference document. 91 Assigned by Seller or Seller's Agent 92 Assigned by Buyer or Buyer's Agent UL UCC/EAN Location Code This is the 13-digit Global Location Number (GLN). See External Code Source 583 in Section III for reference document.	C ID 1/2
➤	N104	67 Identification Code Code identifying a party or other code	C AN 2/80
	N105	706 Entity Relationship Code Code describing entity relationship NOT USED BY THE RETAIL INDUSTRY	O ID 2/2
	N106	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual NOT USED BY THE RETAIL INDUSTRY	O ID 2/3

Segment: N2 Additional Name Information

Level: Header

Loop: 0100

Usage: Optional

Max Use: 1

Purpose: To specify additional names

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
N201	93	Name Free-form name	M	AN	1/60
N202	93	Name Free-form name	O	AN	1/60

Segment: N3 Address Information

Level: Header

Loop: 0100

Usage: Optional

Max Use: 2

Purpose: To specify the location of the named party

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
➤ N301	166	Address Information	M	AN	1/55
		Address information			
N302	166	Address Information	O	AN	1/55
		Address information			

Segment: N4 Geographic Location

Level: Header

Loop: 0100

Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

Syntax: 1 E0207
Only one of N402 or N407 may be present.

2 C0605
If N406 is present, then N405 is required.

3 C0704
If N407 is present, then N404 is required.

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

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

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency See External Code Source 22 in Section III for reference document.	C ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) See External Code Source 51 in Section III for reference document.	O ID 3/15
N404	26	Country Code Code identifying the country See External Code Source 5 in Section III for reference document.	C ID 2/3
N405	309	Location Qualifier Code identifying type of location NOT USED BY THE RETAIL INDUSTRY	C ID 1/2
N406	310	Location Identifier Code which identifies a specific location NOT USED BY THE RETAIL INDUSTRY	O AN 1/30
N407	1715	Country Subdivision Code Code identifying the country subdivision NOT USED BY THE RETAIL INDUSTRY	C ID 1/3

Segment: **N9 Reference Identification**
Level: Header
Loop: ___
Usage: Optional
Max Use: 10
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax: 1 **R0203**
 At least one of N902 or N903 is required.
 2 **C0605**
 If N906 is present, then N905 is required.
Semantic: 1 N906 reflects the time zone which the time reflects.
 2 N907 contains data relating to the value cited in N902.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤	N901	128 Reference Identification Qualifier Code qualifying the Reference Identification DP Department Number GT Goods and Service Tax Registration Number Canadian GST MR Merchandise Type Code PG Product Group Q8 Registration Number Quebec Sales Tax Registration Number	M ID 2/3
➤	N902	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C AN 1/50
	N903	369 Free-form Description Free-form descriptive text NOT USED BY THE RETAIL INDUSTRY	C AN 1/45
	N904	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year NOT USED BY THE RETAIL INDUSTRY	O DT 8/8
	N905	337 Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) NOT USED BY THE RETAIL INDUSTRY	C TM 4/8
	N906	623 Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow NOT USED BY THE RETAIL INDUSTRY	O ID 2/2
	N907	C040 REFERENCE IDENTIFIER To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier NOT USED BY THE RETAIL INDUSTRY	O COMPOSITE

Segment: G48 Statement/Invoice Identification

Level: Detail

Loop: 0200 **Usage:** Mandatory **Max Use:** 9999

Usage: Mandatory

Max Use: 1

Purpose: To uniquely identify an invoice or adjustment

Syntax: 1 **R0107**

At least one of G4801 or G4807 is required.

2 **P0102**

If either G4801 or G4802 is present, then the other is required.

3 **P0708**

If either G4807 or G4808 is present, then the other is required.

Semantic: 1 G4802 is the invoice issue date.

2 G4804 is the date assigned by the purchaser to the purchase order.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤	G4801	76 Invoice Number Identifying number assigned by issuer	C AN 1/22
➤	G4802	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	C DT 8/8
➤	G4803	614 Store Number A number assigned to uniquely identify a retail outlet or store	O AN 1/10
		Assigned by the retailer	
	G4804	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O DT 8/8
		NOT USED BY THE RETAIL INDUSTRY	
	G4805	324 Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	O AN 1/22
		NOT USED BY THE RETAIL INDUSTRY	
	G4806	424 Vendor Order Number Number assigned by a vendor referencing a particular customer purchase order	O AN 1/22
		NOT USED BY THE RETAIL INDUSTRY	
	G4807	128 Reference Identification Qualifier Code qualifying the Reference Identification	C ID 2/3
		NOT USED BY THE RETAIL INDUSTRY	
	G4808	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C AN 1/50
		NOT USED BY THE RETAIL INDUSTRY	
	G4809	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O DT 8/8
		NOT USED BY THE RETAIL INDUSTRY	

Segment: G72 Allowance or Charge

Level: Detail

Loop: 0210 **Usage:** Optional **Max Use:** 99

Usage: Mandatory

Max Use: 1

Purpose: To specify allowances, charges, or services

Syntax: 1 **R03050809**

At least one of G7203, G7205, G7208 or G7209 is required.

2 **E050809**

Only one of G7205, G7208 or G72 may be present.

3 **P0607**

If either G7206 or G7207 is present, then the other is required.

4 **P0910**

If either G7209 or G7210 is present, then the other is required.

5 **C1103**

If G7211 is present, then G7203 is required.

Semantic: 1 G7209 is the allowance or charge percent.

Comments: A The G73 segment is required when G7201 contains code "499" or "999"; however, the use of these codes is discouraged.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ G7201	340	Allowance or Charge Code Code identifying the type of allowance or charge	M ID 1/3
		490 Goods and Services Credit Allowance Canadian GST and Harmonized credit allowance	
		491 Tax Credit Allowance Canadian Provincial Tax credit allowance	
		537 State or Province Tax Canadian Provincial Sales Tax	
		990 Goods and Services Charge Canadian GST and Harmonized Sales Tax	
➤ G7202	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge	M ID 2/2
		02 Off Invoice	
		18 Non-Payable Tax	
G7203	341	Allowance or Charge Number The number assigned by a vendor referencing an allowance, promotion, deal or charge	C AN 1/16
		NOT USED BY THE RETAIL INDUSTRY	
G7204	769	Exception Number A unique number identifying an exception or modification to an offered or existing promotion	O AN 1/16
		NOT USED BY THE RETAIL INDUSTRY	
G7205	359	Allowance or Charge Rate Allowance or Charge Rate per Unit	C R 1/15
		NOT USED BY THE RETAIL INDUSTRY	
G7206	339	Allowance or Charge Quantity Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity	C R 1/10
		NOT USED BY THE RETAIL INDUSTRY	

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IMPLEMENTATION GUIDELINES FOR EDI**

	G7207	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID	2/2
			NOT USED BY THE RETAIL INDUSTRY			
➤	G7208	360	Allowance or Charge Total Amount Total dollar amount for the allowance or charge	C	N2	1/15
	G7209	332	Percent Percent expressed as a percent	C	R	1/6
			NOT USED BY THE RETAIL INDUSTRY			
	G7210	828	Dollar Basis For Percent Dollar basis to be used in the percent calculation of the allowance, charge or tax	C	R	1/9
			NOT USED BY THE RETAIL INDUSTRY			
	G7211	770	Option Number A unique number identifying available promotion or allowance options when more than one is offered	O	AN	1/20
			NOT USED BY THE RETAIL INDUSTRY			

Segment: G31 Total Invoice Quantity

Level: Detail
Loop: 0200
Usage: Optional

Max Use: 1

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

- Syntax:**
- 1 **P0304**
If either G3103 or G3104 is present, then the other is required.
 - 2 **P0506**
If either G3105 or G3106 is present, then the other is required.
 - 3 **C0704**
If G3107 is present, then G3104 is required.

Semantic:

- 1 G3110 should only be used to express the quantity of third party pallets
- 2 G3111 is the gross weight of third party pallets in pounds.

Comments: A G3102 qualifies G3101.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤	G3101	382 Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	M R 1/10
➤	G3102	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	M ID 2/2
	G3103	81 Weight Numeric value of weight	C R 1/10
	G3104	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	C ID 2/2
	G3105	183 Volume Value of volumetric measure NOT USED BY THE RETAIL INDUSTRY	C R 1/8
	G3106	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken NOT USED BY THE RETAIL INDUSTRY	C ID 2/2
	G3107	398 Order Sizing Factor A product specification other than gross or net weight, or cubic feet for a line item or transaction used for order sizing and pricing purposes NOT USED BY THE RETAIL INDUSTRY	O R 1/10
	G3108	417 Price Bracket Identifier Identifier assigned by the vendor for a specific price bracket NOT USED BY THE RETAIL INDUSTRY	O AN 1/3
	G3109	107 Payment Method Code Code identifying type of payment procedures NOT USED BY THE RETAIL INDUSTRY	O ID 1/2
	G3110	380 Quantity Numeric value of quantity NOT USED BY THE RETAIL INDUSTRY	O R 1/15

G3111	81	Weight Numeric value of weight	O	R	1/10
NOT USED BY THE RETAIL INDUSTRY					

Segment: **G33** Total Dollars Summary

Level: Detail

Loop: 0200

Usage: Mandatory

Max Use: 1

Purpose: To specify the total invoice amount, including charges less allowances, before terms discount

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
G3301	610	Amount Monetary amount	M N2 1/15

Segment: G49 Statement Total

Level: Summary

Loop: ___

Usage: Mandatory

Max Use: 1

Purpose: To provide essential billing totals to the purchaser

- Semantic:**
- 1 G4901 is the total monetary amount for all changes billed on a statement since issuance of the last statement.
 - 2 G4902 is the monetary amount for all unpaid charges prior to issuance of the current transaction.
 - 3 G4903 identifies the total monetary amount currently due the issuer of the charges.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
G4901	610	Amount	M	N2	1/15
		Monetary amount			
G4902	610	Amount	O	N2	1/15
		Monetary amount			
NOT USED BY THE RETAIL INDUSTRY					
G4903	610	Amount	O	N2	1/15
		Monetary amount			
NOT USED BY THE RETAIL INDUSTRY					

Segment: SE Transaction Set Trailer

Level: Summary

Loop: ___

Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

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

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M NO 1/10
➤ SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set This must be the same number as is in the ST segment (ST02) for the transaction set.	M AN 4/9

