

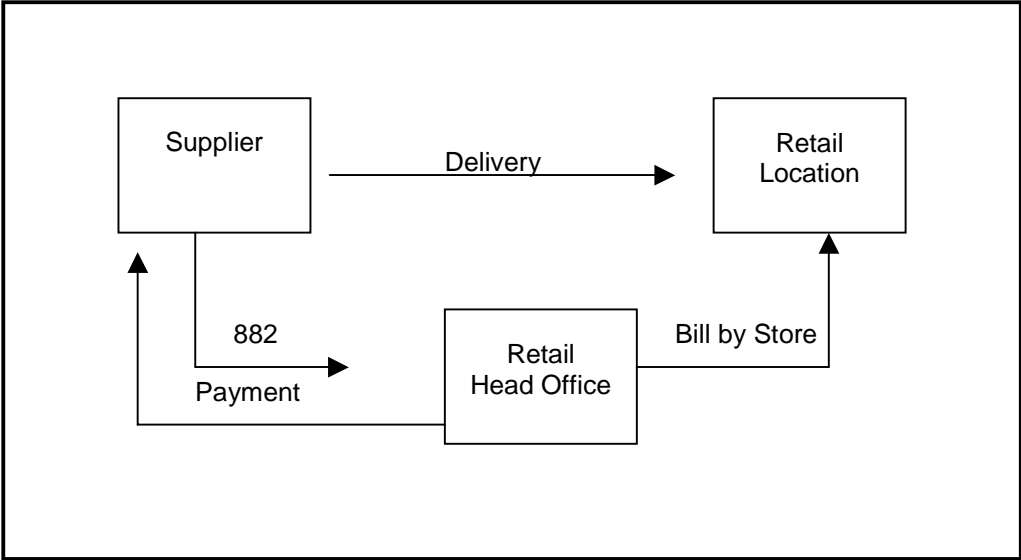
# 882 Direct Store Delivery Summary Information

## Introduction

The purpose of this section is to present and explain the application of the ASC X12 standards as they pertain to retail direct store summary information.

Within the retail general merchandise and grocery, direct to store delivery (DSD) is a common method of replenishment. Under this model, replenishment is governed through a pre-arranged vendor agreement, which eliminates the purchase order, and requires the supplier to re-stock products at pre-arranged intervals, or when requested at the store level. In many cases this type of replenishment model is used to replenish small franchise retail locations with limited in-store systems and no EDI capability.

Once replenishment has been accomplished the supplier will transmit a Direct Store Delivery Summary of the dollar value of the goods provided, by individual location (store), to the retailer head office to request payment. The retailer then pays the supplier and uses the summary information to bill each individual retail location.



# 882 Direct Store Delivery Summary Information

Functional Group ID=**IG**

## Introduction:

This Draft Standard for Trial Use 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.

## Notes:

If the G23 segment is used, it may be used at the detail or summary level, but not both.

## 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>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	G47	Statement Identification	M	1		
LOOP ID - 0100						10	
Must Use	030	N1	Name	M	1		n1
	040	N2	Additional Name Information	O	1		
	050	N3	Address Information	O	2		
	060	N4	Geographic Location	O	1		
	070	N9	Reference Identification	O	10		
Not Used	080	G61	Contact	O	8		
Not Used	090	G23	Terms of Sale	O	20		

## 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 - 0200						9999	
Must Use	010	G48	Statement/Invoice Identification	M	1		
LOOP ID - 0210						99	
	020	G72	Allowance or Charge	O	1		
Not Used	030	G73	Allowance or Charge Description	O	10		
Not Used	040	G23	Terms of Sale	O	20		
Not Used	050	G25	F.O.B. Information	O	1		
	060	G31	Total Invoice Quantity	O	1		
Must Use	070	G33	Total Dollars Summary	M	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>
Must Use	010	G49	Statement Total	M	1		
Must Use	020	SE	Transaction Set Trailer	M	1		

## Transaction Set Notes

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

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading:  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>> <b>ST01</b>	<b>143</b>	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 882 Direct Store Delivery Summary Information	<b>M ID 3/3</b>
>> <b>ST02</b>	<b>329</b>	<b>Transaction Set Control Number</b> 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	<b>M AN 4/9</b>

**Segment:** **G47** Statement Identification  
**Position:** 020  
**Loop:**  
**Level:** Heading:  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit identifying numbers, dates, and other basic data relating to the transaction set  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	G4701	373	Date Date expressed as CCYYMMDD	M DT 8/8
			G4701 should contain the date of the statement.	
>>	G4702	613	Statement Number Identifying number for statement assigned by issuer for charges	M AN 1/16

**Segment:** **N1** Name  
**Position:** 030  
**Loop:** 0100 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.

**Data Element Summary**

Ref.	Data Element	Name	Attributes
>>	<b>N101</b>	<b>98 Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual RE Party to receive commercial invoice remittance VN Vendor	<b>M ID 2/3</b>
	<b>N102</b>	<b>93 Name</b> Free-form name	<b>C AN 1/60</b>
	<b>N103</b>	<b>66 Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 91 Assigned by Seller or Seller's Agent 92 Assigned by Buyer or Buyer's Agent UL UCC/EAN Location Code	<b>C ID 1/2</b>
	<b>N104</b>	<b>67 Identification Code</b> Code identifying a party or other code	<b>C AN 2/80</b>
<b>X</b>	<b>N105</b>	<b>706 Entity Relationship Code</b> Code describing entity relationship	<b>O ID 2/2</b>
<b>X</b>	<b>N106</b>	<b>98 Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual	<b>O ID 2/3</b>

**Segment:** **N2 Additional Name Information**  
**Position:** 040  
**Loop:** 0100 Mandatory  
**Level:** Heading:  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>> <b>N201</b>	<b>93</b>	<b>Name</b> Free-form name	<b>M AN 1/60</b>
<b>N202</b>	<b>93</b>	<b>Name</b> Free-form name	<b>O AN 1/60</b>

**Segment:** **N3** Address Information  
**Position:** 050  
**Loop:** 0100 Mandatory  
**Level:** Heading:  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>	N301	166	<b>Address Information</b> Address information	M AN 1/55
X	N302	166	<b>Address Information</b> Address information	O AN 1/55



**Segment:** **N4 Geographic Location**  
**Position:** 060  
**Loop:** 0100 Mandatory  
**Level:** Heading:  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the U.S. or Canada.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
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	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	Country Code Code identifying the country CA Canada MX Mexico US United States	O ID 2/3
X	N405	309 Location Qualifier Code identifying type of location	C ID 1/2
X	N406	310 Location Identifier Code which identifies a specific location	O AN 1/30

**Segment:** **N9 Reference Identification**  
**Position:** 070  
**Loop:**  
**Level:** Heading:  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier  
**Syntax Notes:** 1 At least one of N902 or N903 is required.  
 2 If N906 is present, then N905 is required.  
**Semantic Notes:** 1 N906 reflects the time zone which the time reflects.  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>	N901	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	M ID 2/3
			AI Associated Invoices Used for cross reference to other invoices to be associated with the invoice defined in G4801	
			GT Goods and Service Tax Registration Number	
			TX Tax Exempt Number Canadian ECR note qualifier TX used for Provincial Sales Tax Registration Number.	
	N902	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C AN 1/30
X	N903	369	<b>Free-form Description</b> Free-form descriptive text	C AN 1/45
X	N904	373	<b>Date</b> Date expressed as CCYYMMDD	O DT 8/8
X	N905	337	<b>Time</b> 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)	C TM 4/8
X	N906	623	<b>Time Code</b> 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	O ID 2/2

**Segment: G48 Statement/Invoice Identification**

**Position:** 010  
**Loop:** 0200 Mandatory  
**Level:** Detail:  
**Usage:** Mandatory

**Max Use:** 1  
**Purpose:** To uniquely identify an invoice or adjustment

**Syntax Notes:**  
 1 At least one of G4801 or G4807 is required.  
 2 If either G4801 or G4802 is present, then the other is required.  
 3 If either G4807 or G4808 is present, then the other is required.

**Semantic Notes:**  
 1 G4802 is the invoice issue date.  
 2 G4804 is the date assigned by the purchaser to the purchase order.

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

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
>>	G4801	76	<b>Invoice Number</b> Identifying number assigned by issuer	C AN 1/22
>>	G4802	373	<b>Date</b> Date expressed as CCYYMMDD	C DT 8/8
	G4803	614	<b>Store Number</b> A number assigned to uniquely identify a retail outlet or store	O AN 1/10
X	G4804	373	<b>Date</b> Date expressed as CCYYMMDD	O DT 8/8
X	G4805	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser	O AN 1/22
X	G4806	424	<b>Vendor Order Number</b> Number assigned by a vendor referencing a particular customer purchase order	O AN 1/22
X	G4807	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	C ID 2/3
X	G4808	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C AN 1/30
X	G4809	373	<b>Date</b> Date expressed as CCYYMMDD	O DT 8/8

**Segment:** **G72 Allowance or Charge**  
**Position:** 020  
**Loop:** 0210 Optional  
**Level:** Detail:  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify allowances, charges, or services  
**Syntax Notes:**

- 1 At least one of G7203 G7205 G7208 or G7209 is required.
- 2 Only one of G7205 G7208 or G7209 may be present.
- 3 If either G7206 or G7207 is present, then the other is required.
- 4 If either G7209 or G7210 is present, then the other is required.
- 5 If G7211 is present, then G7203 is required.

**Semantic Notes:**

- 1 G7209 is the allowance or charge percent.

**Comments:**

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

#### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	G7201	<b>340 Allowance or Charge Code</b> Code identifying the type of allowance or charge	<b>M ID 1/3</b>
		490 Goods and Services Credit Allowance Canadian ECR : Used for GST and Harmonized credit allowance	
		491 Tax Credit Allowance Canadian ECR : Used for Provincial Tax credit allowance	
		537 State or Province Tax Canadian ECR : Used for Provincial Sales Tax	
		990 Goods and Services Charge Canadian ECR : Used for GST and Harmonized Sales Tax	
>>	G7202	<b>331 Allowance or Charge Method of Handling Code</b> Code indicating method of handling for an allowance or charge	<b>M ID 2/2</b>
		18 Non-Payable Tax	
X	G7203	<b>341 Allowance or Charge Number</b> The number assigned by a vendor referencing an allowance, promotion, deal or charge	<b>C AN 1/16</b>
X	G7204	<b>769 Exception Number</b> A unique number identifying an exception or modification to an offered or existing promotion	<b>O AN 1/16</b>
X	G7205	<b>359 Allowance or Charge Rate</b> Allowance or Charge Rate per Unit	<b>C R4 1/15</b>
X	G7206	<b>339 Allowance or Charge Quantity</b> Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity	<b>C R3 1/10</b>
X	G7207	<b>355 Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	<b>C ID 2/2</b>
	G7208	<b>360 Allowance or Charge Total Amount</b> Total dollar amount for the allowance or charge	<b>C N2 1/15</b>
X	G7209	<b>332 Percent</b> Percent expressed as a percent	<b>C R3 1/6</b>
X	G7210	<b>828 Dollar Basis For Percent</b> Dollar basis to be used in the percent calculation of the allowance, charge or tax	<b>C R2 1/9</b>

**X**

**G7211**

**770**

**Option Number**

**O AN 1/20**

A unique number identifying available promotion or allowance options when more than one is offered

**Segment:** **G31 Total Invoice Quantity**  
**Position:** 060  
**Loop:** 0200 Mandatory  
**Level:** Detail:  
**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 Notes:** 1 If either G3103 or G3104 is present, then the other is required.  
2 If either G3105 or G3106 is present, then the other is required.  
3 If G3107 is present, then G3104 is required.  
**Semantic Notes:** 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:** 1 G3102 qualifies G3101.

**Data Element Summary**

Ref.	Data Element	Name	Attributes
>>	G3101	<b>382 Number of Units Shipped</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	<b>M R0 1/10</b>
>>	G3102	<b>355 Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CA Case EA Each PL Pallet/Unit Load	<b>M ID 2/2</b>
	G3103	<b>81 Weight</b> Numeric value of weight	<b>C R2 1/10</b>
	G3104	<b>355 Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken KG Kilogram LB Pound	<b>C ID 2/2</b>
X	G3105	<b>183 Volume</b> Value of volumetric measure	<b>C R3 1/8</b>
X	G3106	<b>355 Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	<b>C ID 2/2</b>
X	G3107	<b>398 Order Sizing Factor</b> 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	<b>O R3 1/10</b>
X	G3108	<b>417 Price Bracket Identifier</b> Identifier assigned by the vendor for a specific price bracket	<b>O AN 1/3</b>
X	G3109	<b>107 Payment Method Code</b> Code identifying type of payment procedures	<b>O ID 1/2</b>
X	G3110	<b>380 Quantity</b> Numeric value of quantity	<b>O R3 1/15</b>
X	G3111	<b>81 Weight</b> Numeric value of weight	<b>O R2 1/10</b>

**Segment:** **G33** Total Dollars Summary

**Position:** 070

**Loop:** 0200 Mandatory

**Level:** Detail:

**Usage:** Mandatory

**Max Use:** 1

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

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>> <b>G3301</b>	<b>610</b>	<b>Amount</b> Monetary amount	<b>M N2 1/15</b>

**Segment:** **G49 Statement Total**  
**Position:** 010  
**Loop:**  
**Level:** Summary:  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To provide essential billing totals to the purchaser  
**Syntax Notes:**  
**Semantic Notes:**

- 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.

**Comments:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
>>	G4901	610	Amount Monetary amount	M N2 1/15
X	G4902	610	Amount Monetary amount	O N2 1/15
X	G4903	610	Amount Monetary amount	O N2 1/15



**Segment:** **SE** Transaction Set Trailer  
**Position:** 020  
**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>Name</u>	<u>Attributes</u>
>>	<b>SE01</b>	<b>96</b>	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments	<b>M N0 1/10</b>
>>	<b>SE02</b>	<b>329</b>	<b>Transaction Set Control Number</b> 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.	<b>M AN 4/9</b>