

882 Direct Store Delivery Summary Information - Canada

VICS EDI

Version: 005030VICS

Author:	GS1 US & GS1 Canada
Company:	
Publication:	12/1/2006

Table of Contents

882	Direct Store Delivery Summary Information - Canada	1
ST	Transaction Set Header	2
G47	Statement Identification	3
0100	Loop Party Identification	4
N1	Party Identification	5
N2	Additional Name Information	7
N3	Party Location	8
N4	Geographic Location	9
N9	Extended Reference Information	10
0200	Loop Statement/Invoice Identification	11
G48	Statement/Invoice Identification	12
0210	Loop Allowance or Charge	13
G72	Allowance or Charge	14
G31	Total Invoice Quantity	16
G33	Total Dollars Summary	18
G49	Statement Total	19
SE	Transaction Set Trailer	20

882 Direct Store Delivery Summary Information - Canada

Functional Group=**IG**

Purpose: 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.

User Note 1:

This Profile is used in conjunction with VICS EDI Guidelines for this transaction set. This Functional Profile is used by grocery and pharmaceutical companies in Canada.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1			Must use
0200	G47	Statement Identification	M	1			Must use
LOOP ID - 0100					10	N1/0300L	
0300	N1	Party Identification	M	1		N1/0300	Must use
0400	N2	Additional Name Information	O	1			Used
0500	N3	Party Location	O	2			Used
0600	N4	Geographic Location	O	1			Used
0700	N9	Extended Reference Information	O	10			Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - 0200					9999		
0100	G48	Statement/Invoice Identification	M	1			Must use
LOOP ID - 0210					99		
0200	G72	Allowance or Charge	O	1			Used
0600	G31	Total Invoice Quantity	O	1			Used
0700	G33	Total Dollars Summary	M	1			Must use

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	G49	Statement Total	M	1			Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Notes:

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

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

Code List Summary (Total Codes: 318, Included: 1)

Code Name

882 Direct Store Delivery Summary Information

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
------	-----	--------------------------------	---	----	-----	----------

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

User Note 1: 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.

Semantics:

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.

G47 Statement Identification

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G4701	373	Date	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

User Note 1: Statement date

G4702	613	Statement Number	M	AN	1/16	Must use
-------	-----	------------------	---	----	------	----------

Description: Identifying number for statement assigned by issuer for charges

Loop Party Identification

Pos: 0300	Repeat: 10
Mandatory	
Loop: 0100	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0300	N1	Party Identification	M	1		Must use
0400	N2	Additional Name Information	O	1		Used
0500	N3	Party Location	O	2		Used
0600	N4	Geographic Location	O	1		Used

N1 Party Identification

Pos: 0300	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 4

User Option (Usage): Must use

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

User Note 1:

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

Code List Summary (Total Codes: 1504, Included: 3)

<u>Code</u>	<u>Name</u>
BT	Bill-to-Party
RI	Remit To
SE	Selling Party

N102	93	Name	X	AN	1/60	Used
------	----	-------------	---	----	------	------

Description: Free-form name

N103	66	Identification Code Qualifier	X	ID	1/2	Used
------	----	--------------------------------------	---	----	-----	------

Description: Code designating the system/method of code structure used for Identification Code (67)

Code List Summary (Total Codes: 249, Included: 6)

<u>Code</u>	<u>Name</u>
1	D-U-N-S Number, Dun & Bradstreet

User Note 1:

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
---	--

User Note 1:

See External Code Source 16 in Section III for reference document.

21	Health Industry Number (HIN)
----	------------------------------

User Note 1:

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	Global Location Number (GLN)
----	------------------------------

Description: 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

User Note 1:

This is the 13-digit Global Location Number (GLN).
See External Code Source 583 in Section III for reference document.

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N104	67	Identification Code	X	AN	2/80	Used

Description: Code identifying a party or other code

Syntax Rules:

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:

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.

N2 Additional Name Information

Pos: 0400	Max: 1
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Used

Purpose: To specify additional names

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	Name	M	AN	1/60	Must use
		Description: Free-form name				
N202	93	Name	O	AN	1/60	Used
		Description: Free-form name				

N3 Party Location

Pos: 0500	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 0600	Max: 1
Heading - Optional	
Loop: 0100	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	O	AN	2/30	Used

Description: Free-form text for city name

N402	156	State or Province Code	X	ID	2/2	Used
------	-----	-------------------------------	---	----	-----	------

Description: Code (Standard State/Province) as defined by appropriate government agency

User Note 1: See External Code Source 22 in Section III for reference document.

N403	116	Postal Code	O	ID	3/15	Used
------	-----	--------------------	---	----	------	------

Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

User Note 1: See External Code Source 51 in Section III for reference document.

N404	26	Country Code	X	ID	2/3	Used
------	----	---------------------	---	----	-----	------

Description: Code identifying the country

User Note 1: See External Code Source 5 in Section III for reference document.

Code List Summary (Total Codes: 3, Included: 3)

Code Name

CA Canada

MX Mexico

US United States

Syntax Rules:

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:

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

N9 Extended Reference Information

Pos: 0700	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code List Summary (Total Codes: 1754, Included: 6)

Code Name

AI	Associated Invoices
DP	Department Number
GT	Goods and Service Tax Registration Number

User Note 1:

Canadian GST

MR	Merchandise Type Code
PG	Product Group
Q8	Registration Number

Description: Code describing which type of registration is being submitted

User Note 1:

Quebec Sales Tax Registration Number

N902	127	Reference Identification	X	AN	1/50	Must use
------	-----	--------------------------	---	----	------	----------

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

Loop Statement/Invoice Identification

Pos: 0100 Repeat: 9999
Mandatory
Loop: 0200 Elements: N/A

User Option (Usage): Must use

Purpose: To uniquely identify an invoice or adjustment

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	G48	Statement/Invoice Identification	M	1		Must use
0200		Loop 0210	O		99	Used
0600	G31	Total Invoice Quantity	O	1		Used
0700	G33	Total Dollars Summary	M	1		Must use

G48 Statement/Invoice Identification

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: 0200	Elements: 3

User Option (Usage): Must use

Purpose: To uniquely identify an invoice or adjustment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G4801	76	Invoice Number	X	AN	1/22	Must use
Description: Identifying number assigned by issuer						
G4802	373	Date	X	DT	8/8	Must use
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
G4803	614	Store Number	O	AN	1/10	Must use
Description: A number assigned to uniquely identify a retail outlet or store						
User Note 1: Assigned by the retailer						

Syntax Rules:

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.

Semantics:

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

Loop Allowance or Charge

Pos: 0200	Repeat: 99
Optional	
Loop: 0210	Elements: N/A

User Option (Usage): Used

Purpose: To specify allowances, charges, or services

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0200	G72	Allowance or Charge	O	1		Used

G72 Allowance or Charge

Pos: 0200	Max: 1
Detail - Optional	
Loop: 0210	Elements: 3

User Option (Usage): Used

Purpose: To specify allowances, charges, or services

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G7201	340	Allowance or Charge Code	M	ID	1/3	Must use

Description: Code identifying the type of allowance or charge

Code List Summary (Total Codes: 127, Included: 4)

Code Name

490 Goods and Services Credit Allowance

User Note 1:

Canadian GST and Harmonized credit allowance

491 Tax Credit Allowance

User Note 1:

Canadian Provincial Tax credit allowance

537 State or Province Tax

User Note 1:

Canadian Provincial Sales Tax

990 Goods and Services Charge

User Note 1:

Canadian GST and Harmonized Sales Tax

G7202	331	Allowance or Charge Method of Handling Code	M	ID	2/2	Must use
-------	-----	--	---	----	-----	----------

Description: Code indicating method of handling for an allowance or charge

Code List Summary (Total Codes: 22, Included: 2)

Code Name

02 Off Invoice

18 Non-Payable Tax

G7208	360	Allowance or Charge Total Amount	X	N2	1/15	Must use
-------	-----	---	---	----	------	----------

Description: Total dollar amount for the allowance or charge

Syntax Rules:

1. R03050809 - At least one of G7203, G7205, G7208 or G7209 is required.
2. E050809 - Only one of G7205, G7208 or G7209 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.

Semantics:

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.

G31 Total Invoice Quantity

Pos: 0600	Max: 1
Detail - Optional	
Loop: 0200	Elements: 4

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G3101	382	Number of Units Shipped	M	R	1/10	Must use

Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set

G3102	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
-------	-----	------------------------------------	---	----	-----	----------

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code List Summary (Total Codes: 884, Included: 15)

Code Name

BA Bale
BG Bag
BO Bottle
BX Box
CA Case
CN Can
CT Carton
DS Display
DZ Dozen
EA Each
KG Kilogram
LB Pound
PK Package
PL Pallet/Unit Load
RL Roll

G3103	81	Weight	X	R	1/10	Used
-------	----	--------	---	---	------	------

Description: Numeric value of weight

G3104	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
-------	-----	------------------------------------	---	----	-----	------

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

User Note 1: See Section III for code list.

Code List Summary (Total Codes: 884, Included: 2)

Code Name

KG Kilogram
LB Pound

Syntax Rules:

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.

Semantics:

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.

G33 Total Dollars Summary

Pos: 0700	Max: 1
Detail - Mandatory	
Loop: 0200	Elements: 1

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G3301	610	Amount	M	N2	1/15	Must use

Description: Monetary amount

G49 Statement Total

Pos: 0100	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 1

User Option (Usage): Must use

Purpose: To provide essential billing totals to the purchaser

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G4901	610	Amount	M	N2	1/15	Must use

Description: Monetary amount

Semantics:

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.

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	N0	1/10	Must use

Description: Total number of segments included in a transaction set including ST and SE segments

SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
------	-----	--------------------------------	---	----	-----	----------

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

User Note 1: This must be the same number as is in the ST segment (ST02) for the transaction set.

Comments:

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