DESIGNER BRANDS



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856 Ship Notice/Manifest

X12/V4010/856 : 856 Ship Notice/Manifest

Version: 3.0

Author: Spice Technology Group
Company: Designer Brands Canada
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Notes

Prepared By:
SPICE Technology Group
2425 Matheson Boulevard E,
8th Floor,
Mississauga, Ontario
Canada L4W 5K4

EDI TRADING PARTNER PROFILE

CONTACT INFORMATION
Designer Brands Canada edi@designerbrands.com
Spice Group Support 888-400-7950 x300 connectsupport@spicetg.com

EDI INFORMATION:
VAN: Loren Data (ECGrid)
AS2: Available
SFTP: Preferred

Portal: https://www.connectspice.com/portal/

ISA Qualifier: ZZ
ISA ID: DBCANADA
GS ID: DBCANADA
ISA Production: P
Standards: ANSI X12 Version 4010

DOCUMENT SUPPORTED
832 Catalog
850 Purchase Order
860 Purchase Order Change
856 ASN
997 Functional Acknowledgment
810 Invoice (***Future***)

GUIDE RELEASE NOTES:

Jan 30, 2014 Initial release
Feb 14, 2014 REF, MAN add; Qualifiers finalized
Mar 21, 2014 Added BSN05
Mar 28, 2014 Added 832 to list of Documents Supported, corrected typo
April 16, 2014 Add REF, note including physical warehouse address , update TSL Usage LIN and SLN April 29, 2014 Updates to SN1
June 6, 2014 Update TSL Usage, Correction to SN1 element numbers
June 19, 2014 Move DTM to Shipment HL
July 18, 2014 Corrected LIN, SLN Usage
Sept 29, 2014 Add portal url; change column heading; add notes to POC08 & 09; adjusted formatting
Feb 11, 2015 Changed contact information
Feb 12, 2019 Updated VAN Details
Aug 1, 2019 Changed company name and Logo to Designer Brands Canada
April 21, 2022 - Updated EDI ID and Contact Email Addresses
October 06, 2026 - Updated Contact Email Addresses

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856 Ship Notice/Manifest

Functional Group=SH

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSN	Beginning Segment for Ship Notice	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**200000**	C2/0100L	
0200	HL	Hierarchical Level	M	1		C2/0200	Must use
0300	TD1	Carrier Details (Quantity and Weight)	O	20			Must use
0400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used
0500	REF	Reference Identification	O	>1			Must use
0600	DTM	Date/Time Reference	O	10			Must use
LOOP ID - N1					**200**		
0800	N1	Name	O	1			Must use
0900	N2	Additional Name Information	O	2			Used
1000	N3	Address Information	O	2			Used
1100	N4	Geographic Location	O	1			Used
LOOP ID - HL					**200000**		
1600	HL	Hierarchical Level	M	1		C2/1600	Must use
1700	PRF	Purchase Order Reference	O	1			Must use
1800	REF	Reference Identification	O	>1			Must use
LOOP ID - HL					**200000**		
2000	HL	Hierarchical Level	M	1		C2/2000	Must use
2100	MAN	Marks and Numbers	O	>1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**200000**		

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	HL	Hierarchical Level	M	1		C2/0100	Must use
0200	LIN	Item Identification	O	1			Must use
0300	SN1	Item Detail (Shipment)	O	1			Must use
0400	SLN	Subline Item Detail	O	1000			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0200	SE	Transaction Set Trailer	M	1			Must use

User Note 1:

Although some of these segments may be listed as optional (O) by the ANSI Standard, all listed here are those which Designer Brands Canada requests. If you have any concerns about what we send, please contact our EDI provider, Spice Group at connectsupport@spicetg.com

User Note 2:

PLEASE NOTE: Ship goods to:
National Logistics Services
105 Iron St
Toronto, ON CAN
M9W 5L9

User Note 3:

To make a delivery appointment:
e-mail: nlsironappt@nls.ca
Fax: 416-246-9969
Call: 416-246-9536 x4500

ST Transaction Set Header

Heading - Mandatory

Pos: 0100	**Max: 1**
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Code **Name**				
		856 Ship Notice/Manifest				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Beginning Segment for Ship Notice

Heading - Mandatory

BSN

Pos: 0200 **Max: 1**

Loop: N/A **Elements: 5**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSN01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use
		Code **Name** 00 Original				
BSN02	396	**Shipment Identification**	M	AN	2/30	Must use
BSN03	373	**Date**	M	DT	8/8	Must use
BSN04	337	**Time**	M	TM	4/8	Must use
BSN05	1005	**Hierarchical Structure Code** **Code Name** 0001 Shipment, Order, Packaging, Item	O	ID	4/4	Must use

HL Hierarchical Level

Detail - Mandatory

Pos: 0200	**Max: 1**
Loop: HL	**Elements: 2**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use

Code	Name
S	Shipment

TD1 Carrier Details (Quantity and Weight)

Pos: 0300	**Max: 20**
Detail - Optional	
Loop: HL	**Elements: 8**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD101	103	**Packaging Code**	O	AN	3/5	Used
		All valid standard codes are used.				
TD102	80	**Lading Quantity**	X	N0	1/7	Must use
TD105	79	**Lading Description**	O	AN	1/50	Used
TD106	187	**Weight Qualifier**	O	ID	1/2	Used
		Code Name G Gross Weight				
TD107	81	**Weight**	X	R	1/10	Used
TD108	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		All valid standard codes are used.				
TD109	183	**Volume**	X	R	1/8	Used
TD110	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		All valid standard codes are used.				

Carrier Details (Routing

Detail - Optional

Pos: 0400 **Max: 12**

TD5 Sequence/Transit Time)

Loop: HL **Elements: 5**

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD501	133	**Routing Sequence Code**	O	ID	1/2	Used
		All valid standard codes are used.				
TD502	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Code Name				
		2 Standard Carrier Alpha Code (SCAC)				
TD503	67	**Identification Code**	X	AN	2/80	Used
TD504	91	**Transportation Method/Type Code**	X	ID	1/2	Used
		All valid standard codes are used.				
TD505	387	**Routing**	X	AN	1/35	Must use

REF Reference Identification

Detail - Optional

Pos: 0500	**Max: >1**
Loop: HL	**Elements: 2**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Code Name				
		BM Bill of Lading Number				
REF02	127	**Reference Identification**	X	AN	1/30	Used

DTM Date/Time Reference

Detail - Optional

Pos: 0600	Max: 10
Loop: HL	Elements: 2

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use
		Code Name 011 Shipped 017 Estimated Delivery				
DTM02	373	**Date**	X	DT	8/8	Used

N1 Name

Pos: 0800 **Max: 1**
Detail - Optional
Loop: N1 **Elements: 4**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Code Name ST Ship To VN Vendor				
N102	93	**Name**	X	AN	1/60	Used
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Code Name 92 Assigned by Buyer or Buyer's Agent				
N104	67	**Identification Code**	X	AN	2/80	Used
		User Note 1: *ST: Warehouse code = 999*				

N2 Additional Name Information

Detail - Optional

Pos: 0900	Max: 2
Loop: N1	Elements: 1

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N201	93	**Name**	M	AN	1/60	Must use

N3 Address Information

Detail - Optional

Pos: 1000	Max: 2
Loop: N1	Elements: 2

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
N302	166	**Address Information**	O	AN	1/55	Used

N4 Geographic Location

Detail - Optional

Pos: 1100	**Max: 1**
Loop: N1	**Elements: 4**

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
N402	156	**State or Province Code**	O	ID	2/2	Used
N403	116	**Postal Code**	O	ID	3/15	Used
N404	26	**Country Code**	O	ID	2/3	Used

User Note 1:

Ship To:
NLS
Warehouse 105
Iron St Toronto
ON M9W 5L9

HL Hierarchical Level

Detail - Mandatory

Pos: 1600	**Max: 1**
Loop: HL	**Elements: 3**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Used
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use

Code	Name
O	Order

PRF Purchase Order Reference

Detail - Optional

Pos: 1700	**Max: 1**
Loop: HL	**Elements: 5**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number**	M	AN	1/22	Must use
PRF02	328	**Release Number**	O	AN	1/30	Used
PRF03	327	**Change Order Sequence Number**	O	AN	1/8	Used
PRF04	373	**Date**	O	DT	8/8	Used
PRF05	350	**Assigned Identification**	O	AN	1/20	Used

REF Reference Identification

Detail - Optional

Pos: 1800	Max: >1
Loop: HL	Elements: 2

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		User Note 1: *Please send either IA or IT, plus DP.*				
		User Note 2: *DP represents Designer Brands Canada BANNER. Please return the same value as was sent on the PO.*				
		Code Name DP Department Number IA Internal Vendor Number IT Internal Customer Number				
REF02	127	**Reference Identification**	X	AN	1/30	Used

HL Hierarchical Level

Detail - Mandatory

Pos: 2000	**Max: 1**
Loop: HL	**Elements: 3**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Used
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use

Code	Name
P	Pack

MAN Marks and Numbers

Detail - Optional

Pos: 2100	Max: >1
Loop: HL	Elements: 2

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MAN01	88	**Marks and Numbers Qualifier**	M	ID	1/2	Must use
		Code Name				
		AI UCC/EAN-128 Application Identifier (AI) and Data				
MAN02	87	**Marks and Numbers**	M	AN	1/48	Must use

HL Hierarchical Level

Detail - Mandatory

Pos: 0100	**Max: 1**
Loop: HL	**Elements: 3**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Used
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use

Code	Name
I	Item

LIN Item Identification

Detail - Optional

Pos: 0200	Max: 1
Loop: HL	Elements: 9

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN01	350	**Assigned Identification**	O	AN	1/20	Used
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use
		User Note 1: *Barcode Type from PO*				
		All valid standard codes are used.				
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use
LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Code Name IT Buyer's Style Number VA Vendor's Style Number				
LIN05	234	**Product/Service ID**	X	AN	1/48	Used
LIN06	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Code Name BO Buyers Color VE Vendor Color				
LIN07	234	**Product/Service ID**	X	AN	1/48	Used
LIN08	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Code Name IZ Buyer's Size Code JP Package Type Code				
LIN09	234	**Product/Service ID**	X	AN	1/48	Used

SN1 Item Detail (Shipment)

Detail - Optional

Pos: 0300	Max: 1
Loop: HL	Elements: 3

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SN101	350	**Assigned Identification**	O	AN	1/20	Used
SN102	382	**Number of Units Shipped**	M	R	1/10	Must use
SN103	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Code Name				
		EA Each				

SLN Subline Item Detail

Detail - Optional

Pos: 0400	Max: 1000
Loop: HL	Elements: 13

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN01	350	**Assigned Identification**	M	AN	1/20	Must use
SLN03	662	**Relationship Code**	M	ID	1/1	Must use
		Code Name I Included				
SLN04	380	**Quantity**	X	R	1/15	Used
SLN05	C001	**Composite Unit of Measure**	X	Comp		Used
SLN05-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Code Name EA Each				
SLN06	212	**Unit Price**	X	R	1/17	Used
SLN09	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use
		User Note 1: *Barcode Type from PO* **All valid standard codes are used.**				
SLN10	234	**Product/Service ID**	X	AN	1/48	Must use
SLN11	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Code Name IT Buyer's Style Number VA Vendor's Style Number				
SLN12	234	**Product/Service ID**	X	AN	1/48	Used
SLN13	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Code Name BO Buyers Color VE Vendor Color				
SLN14	234	**Product/Service ID**	X	AN	1/48	Used
SLN15	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Code Name IZ Buyer's Size Code SM National Retail Merchants Association Size Code				
SLN16	234	**Product/Service ID**	X	AN	1/48	Used

CTT Transaction Totals

Summary - Optional

Pos: 0100	Max: 1
Loop: N/A	Elements: 1

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use

SE Transaction Set Trailer

Summary - Mandatory

Pos: 0200	Max: 1
Loop: N/A	Elements: 2

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use