



Message Implementation Guideline

STORE/DC 4010 856 EDI GUIDELINE

based on

856

Ship Notice/Manifest

X12 004010

Version: 1.0
Variant: 1
Issue date: 7/14/20
Author: TSC

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TSC CONTACTS AND SUMMARY

Contact Information

TSC Store Support Center
5401 Virginia Way
Brentwood, TN 37027
USA

ISSUES / QUESTIONS	CONTACT	PURPOSE
EDI Team	edicoordinator@tractorsupply.com	EDI related Questions
DropShipMC	dropshipmc@tractorsupply.com	Packing Slip, Label or Order Issues
Accounts Payable	ask@tractorsupply.com	Payment Status Assistance
Vendor Compliance	tsccompliance@tractorsupply.com	Compliance, Disputes, Chargebacks Etc

EDI Information

Standard: ANSI X12

Version: 004010

Test EDI Qualifier: 08
Test EDI ID: 6120930015
ISA15: T

Production EDI Qualifier: 08
Production EDI ID: 6120930014
ISA15: P

VAN: IBM Sterling Commerce Email: van_administration@us.ibm.com

Terminator and Separators

Segment Terminator:	~ (tilde)
Element Separator:	* (asterisk)
Sub-Element Separator:	> (greater than sign)
Repeating element:	^ (carrot)

997 Acknowledgements

It is the Vendor's responsibility to check their 997 reports for failed documents periodically throughout the day.

Duplicate PO Check

It is the Vendor's responsibility to ensure that Duplicate PO check is turned on. TSC is not responsible for duplicate POs. **Do not ship Duplicate POs.**

EDI X12 Testing

It is the Vendor's responsibility to pre-test the mapping before testing with TSC. TSC expects the test data to comply with the TSC EDI X12 specification.

Structure / Table of Contents

Counter	No	Tag	St	MaxOcc	Level	Content
0000	1	ISA	M	1	0	Interchange Control Header
0000	2	GS	M	1	0	Functional Group Header
0010	3	ST	M	1	0	Transaction Set Header
0020	4	BSN	M	1	0	Beginning Segment for Ship Notice
0010		HL	M	200000	1	Hierarchical Level - Shipment
0010	5	HL	M	1	1	Hierarchical Level
0110	6	TD1	M	20	2	Carrier Details (Quantity and Weight)
0120	7	TD5	M	12	2	Carrier Details (Routing Sequence/Transit Time)
0150	8	REF	M	>1	2	Reference Identification
0200	9	DTM	M	10	2	Date/Time Reference
0220		N1	M	200	2	N1-N3-N4
0220	10	N1	M	1	2	Name
0240	11	N3	C	2	3	Address Information
0250	12	N4	C	1	3	Geographic Location
0010		HL	M	200000	1	Hierarchical Level - Order
0010	13	HL	M	1	1	Hierarchical Level
0050	14	PRF	M	1	2	Purchase Order Reference
0110	15	TD1	M	20	2	Carrier Details (Quantity and Weight)
0150	16	REF	M	>1	2	Reference Identification
0220		N1	O	200	2	N1
0220	17	N1	M	1	2	Name
0010		HL	M	200000	1	Hierarchical Level - Tare
0010	18	HL	M	1	1	Hierarchical Level
0190	19	MAN	M	>1	2	Marks and Numbers
0010		HL	M	200000	1	Hierarchical Level - Item
0010	20	HL	M	1	1	Hierarchical Level
0020	21	LIN	M	1	2	Item Identification
0030	22	SN1	M	1	2	Item Detail (Shipment)
0070	23	PID	M	200	2	Product/Item Description
0200	24	DTM	C	10	2	Date/Time Reference
0020	25	SE	M	1	0	Transaction Set Trailer
0000	26	GE	M	1	0	Functional Group Trailer
0000	27	IEA	M	1	0	Interchange Control Trailer

Counter = Counter of segment/group within the standard
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St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
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0000	1	ISA	M	1	0	Interchange Control Header
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Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
ISA 01	I01	Authorization Information Qualifier	M ID 2/2	00 No Authorization Information Present (No Meaningful Information in I02)
ISA 02	I02	Authorization Information	M AN 10/10	Ten Blanks
ISA 03	I03	Security Information Qualifier	M ID 2/2	00 No Security Information Present (No Meaningful Information in I04)
ISA 04	I04	Security Information	M AN 10/10	Ten Blanks
ISA 05	I05	Interchange ID Qualifier	M ID 2/2	
ISA 06	I06	Interchange Sender ID	M AN 15/15	Your ISA ID
ISA 07	I05	Interchange ID Qualifier	M ID 2/2	08 UCC EDI Communications ID (Comm ID)
ISA 08	I07	Interchange Receiver ID	M AN 15/15	TSC's ISA ID
ISA 09	I08	Interchange Date	M DT 6/6	YYMMDD
ISA 10	I09	Interchange Time	M TM 4/4	
ISA 11	I10	Interchange Control Standards Identifier	M ID 1/1	U U.S. EDI Community of ASC X12, TDCC, and UCS
ISA 12	I11	Interchange Control Version Number	M ID 5/5	00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997
ISA 13	I12	Interchange Control Number	M N0 9/9	
ISA 14	I13	Acknowledgment Requested	M ID 1/1	0 No Acknowledgment Requested
ISA 15	I14	Usage Indicator	M ID 1/1	T Test Data P Production Data
ISA 16	I15	Component Element Separator	M AN 1/1	HEX "6E" (>)

Remark:

Example:

```
ISA*00*                *00*                *01*XXXXXXXXXXXXXXX*08*6120930015
*170403*0945*U*00401*999999999*0*
T*>
```

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Counter	No	Tag	St	MaxOcc	Level	Name
0000	2	GS	M	1	0	Functional Group Header

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
GS01	479	Functional Identifier Code	M ID 2/2	SH Ship Notice/Manifest (856)
GS02	142	Application Sender's Code	M AN 2/15	Your GS ID
GS03	124	Application Receiver's Code	M AN 2/15	TSC's GS ID
GS04	373	Date	M DT 8/8	YYYYMMDD
GS05	337	Time	M TM 4/8	HHMMSSDD
GS06	28	Group Control Number	M NO 1/9	
GS07	455	Responsible Agency Code	M ID 1/1	X Accredited Standards Committee X12
GS08	480	Version / Release / Industry Identifier Code	M AN 6/6	004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

Remark:**Example:**

GS*SH*XXXXXXXXXXXXXXXX*6120930015*20170403*0945*1*X*004010~

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Counter	No	Tag	St	MaxOcc	Level	Name
0010	3	ST	M	1	0	Transaction Set Header

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
ST01	143	Transaction Set Identifier Code	M ID 3/3	856 Ship Notice/Manifest
ST02	329	Transaction Set Control Number	M AN 4/9	The Transaction Set Control Number is sequentially assigned to each transaction set for each receiver.

Remark:**Example:**

ST*856*XXXX~

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Counter	No	Tag	St	MaxOcc	Level	Name
0020	4	BSN	M	1	0	Beginning Segment for Ship Notice

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
BSN01	353	Transaction Set Purpose Code	M ID 2/2	00 Original
BSN02	396	Shipment Identification	M AN 2/30	Unique number to represent the shipment. It must be unique for 365 days. Do not repeat this number in sequential shipments.
BSN03	373	Date	M DT 8/8	YYYYMMDD
BSN04	337	Time	M TM 6/6	HHMMSS

Remark:**Example:**

BSN*00*XX*20170403*094512~

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	200000	1	Hierarchical Level - Shipment
0010	5	HL	M	1	1	Hierarchical Level

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
HL 01	628	Hierarchical ID Number	M AN 1/12	
HL 02	734	Hierarchical Parent ID Number	O AN 1/12	
HL 03	735	Hierarchical Level Code	M ID 1/1	S Shipment

Remark:**Example:**

HL*1*X*S~

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	200000	1	Hierarchical Level - Shipment
0110	6	TD1	M	20	2	Carrier Details (Quantity and Weight)

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
TD1 01	103	Packaging Code	M AN 3/5	PLT Pallet
TD1 02	80	Lading Quantity	M N0 1/5	
TD1 06	187	Weight Qualifier	M ID 1/2	G Gross Weight N Actual Net Weight
TD1 07	81	Weight	M R 1/10	
TD1 08	355	Unit or Basis for Measurement Code	M ID 2/2	LB Pound

Remark:**Example:**

TD1*PLT*1****G*350*LB~

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	200000	1	Hierarchical Level - Shipment
0120	7	TD5	M	12	2	Carrier Details (Routing Sequence/Transit Time)

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
TD5 02	66	Identification Code Qualifier	M ID 1/1	2 Standard Carrier Alpha Code (SCAC)
TD5 03	67	Identification Code	M AN 3/4	SCAC (Standard Carrier Alpha Code) Use CPU for customer pick up.
TD5 05	387	Routing	O AN 1/35	

Remark:**Example:**

TD5**2*CNWY**CONWAY~

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	200000	1	Hierarchical Level - Shipment
0150	8	REF	M	>1	2	Reference Identification

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
REF 01	128	Reference Identification Qualifier	M ID 2/2	CN Carrier's Reference Number (PRO/Invoice) BM Bill of Lading Number
REF 02	127	Reference Identification	M AN 1/30	Only one is required, Carrier's Reference Number is preferred; If the Carrier's Reference Number is not available, the bill of lading number for the shipment is required.

Remark:**Example:**

REF*CN*PRONUMBER~

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	200000	1	Hierarchical Level - Shipment
0200	9	DTM	M	10	2	Date/Time Reference

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
DTM01	374	Date/Time Qualifier	M ID 3/3	011 Shipped
DTM02	373	Date	M DT 8/8	YYYYMMDD
DTM03	337	Time	O TM 6/6	HHMMSS

Remark:**Example:**

DTM*011*20170403*094512~

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Counter	No	Tag	St	MaxOcc	Level	Name
0220		N1	M	200	2	N1-N3-N4
0220	10	N1	M	1	2	Name

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
N1 01	98	Entity Identifier Code	M ID 2/2	SF Ship From ST Ship To
N1 02	93	Name	M AN 1/60	
N1 03	66	Identification Code Qualifier	M ID 2/2	91 Assigned by Seller or Seller's Agent 92 Assigned by Buyer or Buyer's Agent
N1 04	67	Identification Code	M AN 4/80	All TSC store and distribution centers are 4 digits numeric. If the list that you have is three digits, please add a leading zero to the number. Example: Franklin DC is 499, the EDI value is 0499. The N104 value for the ship from should be your DUNS+4 or a unique ship from ID.

Remark:**Example:**

N1*ST*TSC*92*0111~

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Counter	No	Tag	St	MaxOcc	Level	Name
0220		N1	M	200	2	N1-N3-N4
0240	11	N3	C	2	3	Address Information

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
N3 01	166	Address Information	M AN 1/55	Required for the SF ship from address.
N3 02	166	Address Information	O AN 1/55	

Remark:

N3 is only required for the SF address

Example:

N3*100 RAINES DRIVE* ADDRESS LINE TWO IF NEEDED~

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Counter	No	Tag	St	MaxOcc	Level	Name
0220		N1	M	200	2	N1-N3-N4
0250	12	N4	C	1	3	Geographic Location

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
N4 01	19	City Name	M AN 2/30	Required for the SF ship from address.
N4 02	156	State or Province Code	M ID 2/2	Required for the SF ship from address.
N4 03	116	Postal Code	M ID 3/15	Required for the SF ship from address.
N4 04	26	Country Code	O ID 2/2	

Remark:

N4 is only required for the SF address

Example:

N4*FRANKLIN*KY*42134*US~

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	200000	1	Hierarchical Level - Order
0010	13	HL	M	1	1	Hierarchical Level

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
HL 01	628	Hierarchical ID Number	M AN 1/12	
HL 02	734	Hierarchical Parent ID Number	M AN 1/12	
HL 03	735	Hierarchical Level Code	M ID 1/1	O Order

Remark:**Example:**

HL*2*1*O~

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	200000	1	Hierarchical Level - Order
0050	14	PRF	M	1	2	Purchase Order Reference

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
PRF01	324	Purchase Order Number	M AN 10/10	TSC's 10 digit purchase order number or 7 digit store/special order number.
PRF04	373	Date	O DT 8/8	YYYYMMDD

Remark:**Example:**

PRF*1234567890***20170403~

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	200000	1	Hierarchical Level - Order
0110	15	TD1	M	20	2	Carrier Details (Quantity and Weight)

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
TD1 01	103	Packaging Code	M AN 3/5	PLT Pallet
TD1 02	80	Lading Quantity	M N0 1/7	
TD1 06	187	Weight Qualifier	M ID 1/2	G Gross Weight N Actual Net Weight
TD1 07	81	Weight	M R 1/10	
TD1 08	355	Unit or Basis for Measurement Code	M ID 2/2	LB Pound

Remark:**Example:**

TD1*PLT*1****G*350*LB~

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	200000	1	Hierarchical Level - Order
0150	16	REF	M	>1	2	Reference Identification

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
REF 01	128	Reference Identification Qualifier	M ID 2/2	IA Internal Vendor Number The qualifier IA is for the TSC vendor number which is a turnaround from the 850.
REF 02	127	Reference Identification	M NO 6/6	

Remark:**Example:**

REF*IA*500001~

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Counter	No	Tag	St	MaxOcc	Level	Name
0220		N1	O	200	2	N1
0220	17	N1	M	1	2	Name

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
N1 01	98	Entity Identifier Code	M ID 2/3	Z7 Mark-for Party The Z7 qualifier is mandatory for the Cross Dock Orders. Only send for Cross Dock orders.
N1 02	93	Name	C AN 1/60	
N1 03	66	Identification Code Qualifier	C ID 1/2	92 Assigned by Buyer or Buyer's Agent
N1 04	67	Identification Code	C AN 2/80	Four digit store number

Remark:**Example:**

N1*Z7*X*92*XX~

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	200000	1	Hierarchical Level - Tare
0010	18	HL	M	1	1	Hierarchical Level

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
HL 01	628	Hierarchical ID Number	M AN 1/12	
HL 02	734	Hierarchical Parent ID Number	M AN 1/12	
HL 03	735	Hierarchical Level Code	M ID 1/1	T Shipping Tare

Remark:**Example:**

HL*3*2*T~

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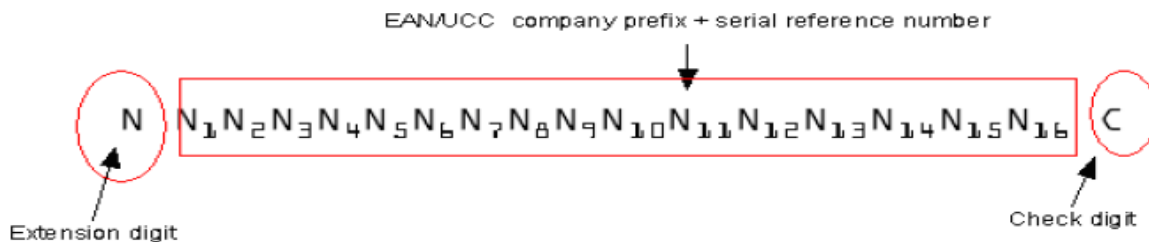
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Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	200000	1	Hierarchical Level - Tare
0190	19	MAN	M	>1	2	Marks and Numbers

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
MAN01	88	Marks and Numbers Qualifier	M ID 2/2	GM SSCC-18 and Application Identifier
MAN02	87	Marks and Numbers	M AN 20/20	http://en.wikipedia.org/wiki/GS1-128 This number must be unique. Do not send duplicates.

Remark:**Example:**

MAN*GM*12345678987898745654~



The SSCC number has the following structure:

1. The first digit is extended digit and assigned by the company. For historical reasons 0 is used to indicate that the container is a case or carton.

2. The next 16 digits are the **manufacturer code**, followed by the serial number of this container. The manufacturer code (or company code) is assigned by GS1 (formerly known as UCC/EAN organization). The serial number identifies this merchandise container and assigned by the manufacturer. The manufacturer should not reuse the serial number.

The company code normally comprises 7 or 8 digits. Therefore, the serial number can be 9 or 8 digits.

3. The SSCC-18 check digit. Do not confuse it with Code128 check digit. The check digit is to ensure that the data is correctly entered. It is part of the data encoded into the barcode. A receiving system is required to validate this check digit, so you should get it correct at the first place.

For each carton/pallet tracked, a unique SSCC is required. An ASN (Advance Ship Notice) may contain multiple SSCCs.

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	200000	1	Hierarchical Level - Item
0010	20	HL	M	1	1	Hierarchical Level

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
HL 01	628	Hierarchical ID Number	M AN 1/12	
HL 02	734	Hierarchical Parent ID Number	M AN 1/12	
HL 03	735	Hierarchical Level Code	M ID 1/1	I Item

Remark:**Example:**

HL*4*3*I~

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	200000	1	Hierarchical Level - Item
0020	21	LIN	M	1	2	Item Identification

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
LIN01	350	Assigned Identification	O AN 1/20	
LIN02	235	Product/Service ID Qualifier	M ID 2/2	UP U.P.C. Consumer Package Code (1-5-5-1) EN European Article Number (EAN) (2-5-5-1)
LIN03	234	Product/Service ID	M AN 12/13	
LIN04	235	Product/Service ID Qualifier	M ID 2/2	VN Vendor's (Seller's) Item Number
LIN05	234	Product/Service ID	M AN 1/48	
LIN06	235	Product/Service ID Qualifier	M ID 2/2	IN Buyer's Item Number
LIN07	234	Product/Service ID	M N0 7/7	TSC SKU number
LIN08	235	Product/Service ID Qualifier	C ID 2/2	LT Lot Number
LIN09	234	Product/Service ID	C AN 1/48	Required for items that have an expiration date.
LIN10	235	Product/Service ID Qualifier	O ID 2/2	CH Country of Origin Code
LIN11	234	Product/Service ID	C AN 1/3	http://en.wikipedia.org/wiki/ISO_3166-1_alpha-3 Three digit ISO country of origin code.

Remark:

Each UPC/SKU should be reported once per UCC128 label. Do not send duplicate UPC/SKUs in the same UCC128. You should consolidate duplicates into one line entry. The UPC on the 856 needs to match the UPC from the 850.

Example:

LIN*X*EN*123456789878*VN*123456789878*IN*1234567*LT*1*CH~

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 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	200000	1	Hierarchical Level - Item
0030	22	SN1	M	1	2	Item Detail (Shipment)

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
SN1 01	350	Assigned Identification	O AN 1/20	
SN1 02	382	Number of Units Shipped	M R 1/10	Do not send zero quantities.
SN1 03	355	Unit or Basis for Measurement Code	M ID 2/2	This has to be the same UOM from the 850 purchase order. This will be a part of vendor compliance.

Remark:**Example:**

SN1*X*9*EA~

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	200000	1	Hierarchical Level - Item
0070	23	PID	M	200	2	Product/Item Description

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
PID01	349	Item Description Type	M ID 1/1	
PID05	352	Description	M AN 1/80	

Remark:**Example:**

PID*F****PRODUCT DESCRIPTION~

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	200000	1	Hierarchical Level - Item
0200	24	DTM	C	10	2	Date/Time Reference

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
DTM01	374	Date/Time Qualifier	M ID 3/3	036 Expiration This is required for food vendors with products containing an expiration date.
DTM02	373	Date	M DT 8/8	

Remark:**Example:**

DTM*036*20170403~

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Counter	No	Tag	St	MaxOcc	Level	Name
0020	25	SE	M	1	0	Transaction Set Trailer

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
SE01	96	Number of Included Segments	M N0 1/10	
SE02	329	Transaction Set Control Number	M AN 4/9	Must match ST02 value

Remark:**Example:**

SE*24*XXXX~

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Counter	No	Tag	St	MaxOcc	Level	Name
0000	26	GE	M	1	0	Functional Group Trailer

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
GE01	97	Number of Transaction Sets Included	M N0 1/6	Number of ST segments within GS Segment
GE02	28	Group Control Number	M N0 1/9	Must match GS06 value

Remark:**Example:**

GE*1*1~

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Counter	No	Tag	St	MaxOcc	Level	Name
0000	27	IEA	M	1	0	Interchange Control Trailer

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
IEA 01	I16	Number of Included Functional Groups	M N0 1/5	Number of GS Segments w ithin ISA envelope
IEA 02	I12	Interchange Control Number	M N0 9/9	Must match ISA13 value

Remark:**Example:**

IEA*1*999999999~

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 MaxOcc = Maximum occurrence of the segment/group
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TSC Store/DC – 856/ASN Labeling Requirements

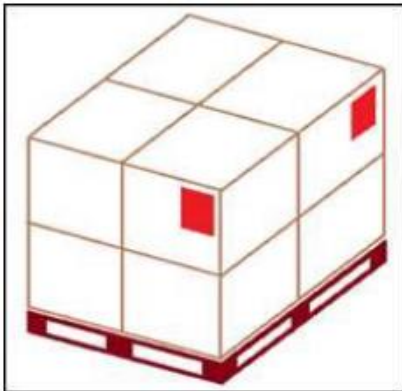
An EDI 856 Advance Ship Notice, or more commonly known as an ASN, is an electronic transaction that allows us to upload receiving data directly in to the TSC inventory system and eliminate data entry.

When an ASN is transmitted in advance of the receipt of a shipment, we are able to verify this information against our purchase order and determine that what you have shipped us is what we ordered. Complete and accurate ASN's will ensure efficient receipt of your products.

Please see the Documents and Form Library for complete TSC ASN EDI specifications.

The following are required for all ASN shipments:

- All shipments must have 2 compliant GS1-128 labels
- Use a 4" x 6" standard size label
- Labels must be placed in an upright position
- Both labels must be visible
- Label ink cannot be smudged and must scan accurately
- Two identical pallet labels must be applied to adjacent sides of each pallet.
- Labels must be placed in the top right quadrant of the pallet.



- Labels are not usable or valid unless they are accompanied by a valid 856 ASN

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TSC Store/DC – 856/ASN GS1-128 Diagram

All ASN shipments must contain the following GS1-128 shipping label.

From: ZONE A Ship From Name and Address	To: ZONE B Store Name and Address
ZONE C	ZONE D
PO Number: ZONE E PO Number (Readable and Scan Eligible)	
ZONE F	
ZONE G Unit Number of Total Units	Store: ZONE H Store Number
ZONE I SSCC-18 Serial Shipping Container Code (Readable and Scan Eligible)	

Required Content by Label Zone

Shaded Zones – Contain Required Content

Unshaded Zones – May Contain Optional Content

- Zone A – “From:” literal / Complete vendor name and address
- Zone B – “To:” literal / Complete DC/Store ship-to name and address
- Zone C – Reserved for Vendor use
- Zone D – Reserved for Vendor use
- Zone E – “PO Number:” literal / Purchase order number in a readable format and bar code
- Zone F – Reserved for Vendor use
- Zone G – “Case/Pallet of Total Case(s)/Pallet(s) per DC/Store” literal / Example: 1 of 3, 2 of 3, 3 of 3
- Zone H – “DC/Store:” literal / Store Number
- Zone I – 20 digit Serial Shipping Container Code in a readable format and bar code

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TSC Store/DC – 856/ASN GS1-128 Example

SHIP FROM: ABC International 4410 Mt. Zion road Gary, IN 46401	SHIP TO: Tractor Supply Store #1130 1325 South Broadway Minot, ND 58702
PO Number: <div style="text-align: center;"> 1007784155  </div>	
<div style="text-align: center;"> 1 of 1 </div>	STORE: <div style="text-align: center;"> 1130 </div>
SSCC – 18: <div style="text-align: center;"> (00) 0 00 12575 100700812 1  </div>	

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TSC Store/DC – 856/ASN Change Log

09/24/2014	DTM01 094 (HL Item level) Added new qualifier for the DTM segment
10/29/2014	MAN02 is min/max 20 characters and is to be unique for 365 days, page 22
10/29/2014	LIN, each UPC/SKU should be reported once in each MAN loop. Do not send duplicate UPC/SKU's in the same MAN loop
11/18/2014	Added the Tare/Pallet HL in support of the SOTI structure
07/10/2015	Corrected the TSC EDI ID; Additional GS1-128 label information, page 31
10/19/2015	Removed the pack loop in support of the SOTI structure; GS1-128 label requirements updated, page 31
02/25/2016	REF clarification for pro-number, page 11; Removed DTM for estimated delivery date, page 12; Removed DTM for manufactured date, page 27; N1 clarification for cross dock orders, page 20; GS1-128 label information updated, page 31
03/04/2016	GS1-128 Label information updated, page 31
04/08/2016	Removed the PID02 & PID03 elements, page 26; Updated the REF Usage/Remark, page 11
05/17/2016	Changed the LIN09 to a max length of 10 for the Lot Number and LIN11 to a max length of 3 for the Country of Origin 09/24/2014: DTM01 094 (HL Item level) Added new qualifier for the DTM segment
08/14/2017	Removed TD501; TD502 changed to 1/1; REF01 changed to 2/2; N101 changed to 2/2; N301 changed to Mandatory when N3 included; N401, N402, N403 changed to Mandatory when N4 is included; PRF01 changed to 10/10; REF01 changed to 2/2; Removed N1 for Z7 Crossdock; Changed LIN04-07 to Mandatory;
06/12/2019 2	Changed the EDI IDs to 08/6120930015 & 08/6120930014. Corrected contact information, page 2
06/21/2019	Changed CTN to PLT in example and removed remarks from TD101, pages 9 and 18 Updated N404 from 2/3 digits to 2/2, page 15 Changed unique SSCC-18 number requirement from 365 days to 24 months, page 22 Added note that UPC on 856 must match the UPC from the 850, page 24 Changed to "2 compliant GS1-128 labels", page 31
07/10/20	Changed SSCC-18 MAN 02 must be unique and should not have been sent at a prior date, page 22

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TSC Store/DC – 856/ASN Example Data

```

ISA*00*      *00*      *12*3195833035  *08*6120930015  *170621*1052*U*00401*000000329*0*T*>~
GS*SH*3195833035*6120930015*20170621*1052*1564*X*004010~
ST*856*0311~
BSN*00*282228*20170621*094346~
HL*1**S~
TD1*PLT*6****G*8310*LB~
TD5**2*CPU~
REF*CN*5411093~
REF*BM*282228~
DTM*011*20170630~
N1*ST*WAVERLY WAREHOUSE*92*0399~
N1*SF*ABC GROUP*92*511860~
N3*106 9th St~
N4*Rock Island*IL*61201~
HL*2*1*O~
PRF*1018983371~
TD1*PLT*6****G*8310*LB~
REF*IA*511860~
HL*3*2*T~
MAN*GM*00107251419833741017~
HL*4*3*I~
LIN**UP*725141500041*VN*NT-67 GHXLT-G*IN*1039268~
SN1**15*EA~
PID*F****Golden Harvest L 67"x 7000' F/S So. (white)~
HL*5*2*T~
MAN*GM*00107251419833742014~
HL*6*5*I~
LIN**UP*025141501193*VN*16000 JUMBO*IN*1429207~
SN1**50*EA~
PID*F****Brazilian Gold 16000'-190 Sisal Baler Twine 39~
HL*7*2*T~
MAN*GM*00107251419833742021~
HL*8*7*I~
LIN**UP*025141501193*VN*16000 JUMBO*IN*1429207~
SN1**50*EA~
PID*F****Brazilian Gold 16000'-190 Sisal Baler Twine 39~
HL*9*2*T~
MAN*GM*00107251419833743011~
HL*10*9*I~
LIN**UP*025141500684*VN*20000 110 ORG LINE*IN*1429346~
SN1**75*EA~
PID*F****Orangeline 20000'-110 Plastic Twine (orange) 75~
HL*11*2*T~
MAN*GM*00107251419833744018~
HL*12*11*I~
LIN**UP*025141404623*VN*20000 ORG LINE*IN*1429354~
SN1**75*EA~
PID*F****Orangeline 20000'-130 Plastic Twine (orange) 75~
HL*13*2*T~
MAN*GM*00107251419833745015~
HL*14*13*I~
LIN**UP*749394099053*VN*20000 CLEARFLD*IN*1429401~
SN1**80*EA~
PID*F****County Line 20000' Twine SB (light yellow)~
SE*53*0311~
GE*1*1564~
IEA*1*000000329~

```

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