BENDIX

Advanced Shipment Notice

Bendix's Implementation Guidelines
856 ASN
Version 004010

Version Management

SI No	Comments	Document Version	Date
1	Initial	1.0	01/25/2016
2			

Bendix CVS - EDI 856 Generation (Version 004010):

Purpose:

This document contains the format and establishes the data contents of Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as product information, Bill of lading number, Tracking# or pro# and Carrier information. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set.

The ASN should be a unique number sent for each packing list on the shipment. All the suppliers should send a unique ASN for each packing list number on the shipment. The packing list number should also match with the labels on the shipment and against which an invoice is entered. Also the packing list number should be available on the supplier invoice which is sent to Bendix. Delivery date mentioned on the ASN should be estimated in house date at Bendix plant. For international shipments the delivery dates should be sent by the freight forwarders. SCAC codes should be sent by all domestic suppliers and international shipments by the freight forwarders.

Overview:

Bendix's SAP logistics system requires the below data on the ASN.
- Manufacturer part number with quantity
- Bendix PO or SA number
- Delivery date
- Tracking # or Pro #
- ASN/packing list number to identify shipment. ASN should be sent for each packing list number on the shipment.
- Carrier Details like SCAC codes.
- Number of handling units in the shipment

- Bendix cannot accept over deliveries – Over deliveries will impact supplier delivery metrics.
- For domestic shipments ASN should be submitted by the supplier as soon as the carrier picks up the goods.
- For International shipments ASN should be submitted as soon as the freight forwarder ships the products to Bendix.
- Bendix will provide the list of carriers and the SCAC codes – see appendix A
- Returnable container, COO & INCO terms are not required on the ASN.

Bendix EDI Details:

Index:

Heading:

Id	Segment Name	Req	Max Use	Usage
ISA	Interchange Control Header	M	1	Must use
GS	Functional Group Header	M	1	Must use
ST	Transaction Set Header	M	1	Must use
BSN	Beginning Segment for Shipment	M	1	Must use
DTM	Date/Time Reference	M	1	Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Usage
LOOP ID - HL					
HL		Hierarchical Level	M	1	Must use
MEA		Measurements	O	1	Dependent
TD1		Carrier Details	O	2	Dependent
TD5		Carrier Details	C	1	Dependent
TD3		Carrier Details (Equipment)	O	1	Dependent
REF		Reference Identification	M	200	Must Use
LOOP ID - N1					
N1		Name	M	1	Must use
LOOP ID - HL					
HL		Hierarchical Level	M	1	Must use
LIN		Item Identification	M	1	Must use
SN1		Item Detail (Shipment)	M	1	Must use
PRF		Purchase Order Reference	M	1	Must use
REF		Reference Identification	O	3000	Dependent
CLD		Load details	O	3	Dependent

Summary:

Id	Segment Name	Req	Max Use	Usage
CTT	Transaction Totals	M	1	Must use
SE	Transaction Set Trailer	M	1	Must use
GE	Functional Group Trailer	M	1	Must use
IEA	Interchange Control Trailer	M	1	Must use

Please Note: Each field from the segment is further classified below as M, O and C which means

- M – Mandatory
- O – Optional
- C – Conditional

```
ISA*00*          *00*          *01*099974123     *14*004155941S
*020513*0501*U*00401*000001410*0*P*>
```

Interchange control header

01 (M) - Always 00
02 (M) - Always ten spaces
03 (M) - Always 00
04 (M) - Always ten spaces
05 (M) – Supplier ID Qualifier
06 (M) - Suppliers ID code, same as what is sent on releases EDI 830
07 (M) - 14 is used for all Bendix Duns IDs
08 (M) - Receivers code, which is Bendix Commercial Vehicle Systems Duns
number 004155941S
09 (M) - Document creation date (The format is YYMMDD)
10 (M) - Document creation time (24 hour)
11 (M) - Always U
12 (M) - Always 00401
13 (M) - Control number, incremented number, stored in database.
14 (M) - Always 0
15 (M) - Always P
16 (M) – Sub-element separator, always >

```
GS*SH*099974123*004155941S*020515*0501*1404*X*004010
```

Functional group header
01 (M) - Always SH
02 (M) - Same as ISA06
03 (M) - Same as ISA08
04 (M) - Document creation date (The format is CCYYMMDDDD)
05 (M) - Document creation time (24 hour)
06 (M) - Group control number, normally matches ISA13 but doesn't have to
07 (M) - Always X
08 (M) - Always 004010

```
ST*856*000001404
```

Transaction set
01 (M) - Always 856, indicates EDI document type
02 (M) - Tracking number, unique to ship-from/ship-to combination

BSN*00*5625625*20151201*1010

Beginning segment for advance shipping notification
01 (M) - Always 00 = Original
02 (M) – ASN/Packing list number- ASN should be a unique number and should not exceed 10 characters. ASN should be sent against each packing list in the shipment. Each packing list on the shipment will have a unique ASN. This number should be used on the shipping paperwork, labels and invoices used by suppliers.
03 (M) – Date of ASN creation (CCYYMMDD)
04 (M) – Time of ASN creation (HHMM)

DTM*017*20151201

Date/Time Qualifier

To specify shipment estimated delivery dates and times.

01 (M) – Always 017 = Current Estimated Delivery Date/Customer In-House Date (When the shipment is scheduled to arrive at customer's plant location)
02 (C) – Date (format CCYYMMDD)

HL*01**S

Hierarchy level – This segment is used to identify levels of detail information using hierarchical structure, such as relating line item data to shipment data and packaging data to line item data.

01 (M) – "1" for the first HL segment and incremental by 1 in each subsequent HL segment within the transaction set.
03 (M) – Should be always "S" for shipment.

MEA*PD*G*480*LB

Measurements: To specify physical measurements or counts, including dimensions, tolerances, variances and weights.

01 (O) – Should always be "PD" Physical Dimension
02 (O) – Should always be "G" Gross weight
03 (O) – Total weight
04 (O) – Unit of measurement

TD1*PLT01*2

Carrier details

01 (O) – PLT01 for Pallet, CTN01 for Carton
02 (O) – Number of packages of the type specified in TD101.

TD5*B*02*ABCD

Carrier details

01 (O) – Always B
02 (O) – Always 02 for standard carrier alpha code.
03 (O) – carriers SCAC Code (Refer appendix 1 for Bendix SCAC codes.

TD3*TL**73636983

01 (O) – Always "TL" – Trailer identification code
03 (C) – Trailer number

REF*CN*54328193

Reference number

CN Carriers Reference Number (PRO/Tracking number)

O1 (M) - Always CN
02 (C) – Number associated with ID qualifier.

REF*BM*45367821

Reference number

BM Bill of lading number

O1 (O) - Always BM
02 (C) – Number associated with ID qualifier.

N1*SU*ABCD co*92*255625

The supplier "SU" are mandatory at the shipment level and must be identical to those used in the corresponding 830 (Material Release) N1 segments.

01 (M) – Always "SU" for supplier
02 (C) – Free form Vendor name
03 (M) – Always 92
04 (C) - If N101 - "SU", Bendix assigned vendor code for supplier.

N1*ST*Bendix Duns no*92*255625

The Ship To "ST" are mandatory at the shipment level and must be identical to those used in the corresponding 830 (Material Release) N1 segments.

01 (M) – Always "ST" for Ship to
02 (O) – Free form Ship to
03 (M) – Always 92
04 (M) - If N101 - "ST", Bendix Duns number.

HL*2*1*I

HL01 (M) – A unique number assigned by the supplier to identify a particular data segment in hierarchical The value should be "2" for the first line and increase by 1 for each subsequent HL loop.
HL02 (M) – Should be always "1" since only one shipment is allowed per 856 transaction.
HL03 (M) – Should be always "I" at the item level.

LIN**BP*K0122333

Line segment for each part number on the shipment.

01 – Not used
02 (M) – Always BP – Buyers part number
03 (M) – Bendix part number

SN1**100*PC*5000

Item detail shipment

01 – Not used
02 (M) – Number of units shipped.
03 (M) – Use unit of measure code shown on Bendix material release (830)
04 (M) – Number of units shipped to date. The cumulative quantity shipped for this model year, including this ASN.

PRF*4524524522

Purchase order reference number from the EDI release document (EDI 830/862).
01 (M) – Purchase order number

REF*SE*987783783

Reference number

SE   Serial/Batch number

O1 (O) - Always SE
02 (C) – Number associated with ID qualifier.

CLD*05*30*PLT01

Load Details

01 (O) – Number of containers
02 (O) – Quantity per container
03 (O) – Type of packaging. (Pallet PLT01 or carton CTN01)

CTT*2*100

Transaction totals

01 (M) – Total number of HL segments
02 (M) – Sum of quantities shipped (SN102) for each SN1 segment.

SE*19*000001404

Transaction set trailer
01 (M) - Number of included segments (count includes ST & SE)
02 (M) - Control number (same as ST02)

GE*1*1404

Functional group trailer
01 (M) - Number of transaction sets included
02 (M) - Control number (same as GS06)

IEA*1*000001410

Interchange control trailer
01 (M) - Number of functional groups
02 (M) - Control number (same as ISA*13)

Appendix 1:

SCAC codes file attached.

EDI SCAC code.xlsx

Sample file:

```
ISA*00*         *00*           *01*099974123 *14*004155941S
*020513*0501*U*00401*000001410*0*P*>
GS*SH*099974123*004155941S*020515*0501*1404*X*004010
ST*856*000001404
BSN*00*5625625*20151201*1010
DTM*007*20151201
HL*01**S
MEA*WT*G*626*EA
TD1*PLT01*2
TD5*B*02*UPSC*A*
TD3*TL**73636983
REF*CN*54328193
REF*IV*4672532756
N1*ST*BENDIX BX*1*154571608
N1*SU*ABCD CO*92*255625
HL*2*1*I
LIN**BP*K0122333*CH*US
SN1**100*PC*5000
PRF*4524524522
CLD*05*30*PLT01
CTT*2*100
SE*19*000001404
GE*1*1404
IEA*1*000001410
```