

ASN 856 Notes

Purpose

The **Advance Ship Notice (ASN)** is sent out from General Mills. It contains info for the trading partner on what will be arriving on the truck. Your response to this information would be a Notice of Receipt (EDI=944).

Notes

This ASN spec applies to two types of 856 transactions:

- Interplant ASNs
- ASNs from Vendors

Structure:

- Interplant ASNs show General Mills Delivery Number(s) in the PRF segment. There can be multiple deliveries for each shipment number (BSN02).
- ASNs from Vendors show the Vendor PO Number in the PRF segment. There will always be just one purchase order per ASN.

Pallet Level Detail:

- Interplant ASNs will have pallet level detail (MAN segments) unless the ship from site is **not** capable of sending with that detail.
- ASNs from Vendors will only be sent when the MAN segments are available.

Note: In either case, you need to be prepared to receive in a load without the pallet level detail in place due to: unavailable, late transmissions or other system errors along the way.

Preceding Documents:

- Interplant ASNs provide the actual details of what has been shipped to you – they would overlay the Notice to Receive (EDI=943) if you are using that.
- ASNs from Vendors provide the actual details of what has been shipped to you – they would overlay the Copy of Vendor PO (EDI=855) if you are using that.

Timing:

- Interplant ASNs are created and sent following successful processing of the shipment (and each/every delivery) in our SAP system.
- ASNs from Vendors are created and sent upon successful receipt of 856 data from the vendor.

Excluded Content for ASN's from Vendors (compared to Interplant ASNs),
 ASNs from Vendors will **not** include:

- TD301 (at shipment level)
- CN qualifier in REF segment (at shipment level)
- DE qualifier in the Name segments (at shipment level)
- TD1 (at order level)
- TD5 (at order level)
- REF (at order level)
- PAL (at tare level)
- LIN08 and LIN09 (at pack level)
- MAN where MAN01=UC (at pack level)

Note: There may be segments or elements missing from each of the transaction as some are optional, See basic data examples on next two pages.

Exception Processes for ASN's From Vendors:

We will test if we know they are going to happen. Otherwise they are so infrequent we will not take time to test for them. If they end up happening and your system can't handle, plan to receive without the ASN detail in place. If they start occurring on frequent basis, you can code to handle.

- Backorders or multiple ASNs against one vendor PO -- a subsequent ASN using the same vendor PO number will be sent. Make them unique by using the **Bill of Lading number** (REF02 when REF01=BM) or the **shipment number** (BSN02) or some other counter in your system.
- Two PO's on one physical truck – you will receive two individual ASNs from Vendors to process (associated with each PO) – they will have the same BOL number or shipment number.
- If you ever get an ASN for the same Vendor PO that *does* have the same shipment number (not intended, as this should be the final update), just overlay (or ignore).

Potential Testing Conditions:

Vendor Order	Vendor PO - Raw Materials - Receive Short
Vendor Order	Vendor PO – Change (855) - Receive Over
Stock Transport Order - Inbound	STO Inbound - No Pallet Detail
Stock Transport Order - Inbound	STO Inbound - Combined Order Shipment - Multiple Deliveries on Shipment - with Pallet Detail
Stock Transport Order - Inbound	STO Inbound - With Pallet Detail
Stock Transport Order - Inbound	STO Inbound - Full Truck
Stock Transport Order - Inbound	STO Inbound - Multiple Items - Same LPN
Stock Transport Order - Inbound	STO Inbound - Same Product - Mixed Batch Codes - Single Pallet
Stock Transport Order - Inbound	STO Inbound - Product Reaching Internal Ship Date
Stock Transport Order - Inbound	STO Inbound - Multiple Test Scenario Order
Stock Transport Order - Inbound	STO Inbound - Production to Truck Order
Stock Transport Order - Inbound	STO Inbound - Blind Receipt (No ASN)

Data Example -- **Interplant ASNs**

ST*856*241730001~
BSN*00*0081748628*20180216*114016*0001~
HL*1**S~
PO4*****1087.84*CF~
TD1*CTN25*1276****G*37580.4*LB~
TD5*B*2*CIEQ*M*CIEQ*CC~
TD3*TF*CIEQ*571~
REF*BM*0081748628~
REF*CN*0617671~
REF*SN*1396096~
DTM*011*20180214*1023~
DTM*067*20180214*0900~
N1*SF*TRADING PARTNER*9*0062507400218~
N3*4136 MARTEL RD~
N4*CALEDONIA*OH*433149634~
N1*ST*TRADING PARTNER*9*0062507401943~
N3*COPK - 1943*130 W JONES RD~
N4*FOSTORIA*OH*448301968~
N1*DE*GENERAL MILLS OPERATIONS, LLC*9*0062507400999~
HL*2*1*O~
PRF*2088984749***20180216~
TD1*CTN25*1276~
TD5*****CC~
HL*3*2*T~
MAN*GM*00100160000589403191~
PAL*6*0*7*20*****37.8*IN*508*LB*14.3*CF*1~
HL*4*3*P~
LIN**VN*0011766000*LT*15FEB8MR***UA*001600011766~
SN1**20*CA~
MAN*UC*10016000117669~
DTM*405*20180215~
DTM*036*20190222~
HL*5*2*T~
MAN*GM*00100160000597518986~
PAL*6*0*7*63*****37.8*IN*1600.2*LB*45.04*CF*1~
HL*6*5*P~
LIN**VN*0011766000*LT*15FEB8MR***UA*001600011766~
SN1**63*CA~
MAN*UC*10016000117669~
DTM*405*20180215~
DTM*036*20190222~
HL*7*2*T~
....
CTT*48~
SE*230*241730001~

Data Example -- ASNs from Vendors

ST*856*6080001~
BSN*00*0081653256*20180117*103128*0001~
HL*1**S~
PO4*****145.00*CF~
TD1*CTN25*5000****G*5050.00*LB~
TD5*B*2*CPU*LT*CPU*CC~
TD3**CPU*3115248~
REF*BM*0081720782~
REF*SN*N/A~
DTM*011*20180117*000000~
DTM*067*20180124*000000~
N1*SF*TRADING PARTNER*9*0000044550~
N3*2200 E ELDORADO ST~
N4*DECATUR*IL*62521~
N1*ST*TRADING PARTNER*9*0062507400218~
N3*4136 MARTEL RD~
N4*CALEDONIA*OH*433149634~
HL*2*1*O~
PRF*0011485619***20180117~
HL*3*2*T~
MAN*GM*00103588800048692462~
HL*4*3*P~
LIN**VN*2191100000*LT*HO17L92108~
SN1**2500*LB~
DTM*405*20171221~
HL*5*2*T~
MAN*GM*00103588800048692479~
HL*6*5*P~
LIN**VN*2191100000*LT*HO17L92108~
SN1**2500*LB~
DTM*405*20171221~
CTT*6~
SE*33*6080001~