Advanced Ship Notice
EDI 856

OVERVIEW

General

The Advanced Ship Notice (ASN) transaction is used by the vendor when communicating information to General Mills about the incoming deliveries of raw materials going to our facilities. This encompasses packaging and ingredient materials. The process involves General Mills sending you a purchase order (via EDI 850). When the actual shipment happens, you send the ASN via 856 so we have more precise details when we are ready to receive. GMI focuses on pallet level detail (packaging or ingredients) ASN's. Bulk ASN's are not part of our ASN process.

Connectivity

General Mills uses a VAN for vendor EDI transactions. Please arrange to send the 856 to Sterling, our current VAN, either directly or via interconnect from your VAN.

If it is high volume and previous experience, we may be able to establish AS2 connectivity to move EDI data directly. This would be considered a separate initiative with others in the EDI department.

Acknowledgements

General Mills will send a 997 Functional Acknowledgement in response to all 856 transactions received.

If something is out of compliance within the 856 EDI transaction, we will communicate the issue via e-mail and instruct you to correct and resend. If there are data issues with what you send, someone will work with your EDI and/or business users to resolve going forward.

Timing

General Mills processes these transactions through our translator and our business application throughout the day, as it is quite important to send these in a timely manner. The clearest example is that the data on the ASN is used by the receiving location when the truck arrives, so depending on proximity from your site to the unload site, timeliness is key! We expect the ASN to be sent (real time, not batched) when the truck is closed, seal placed, and the trailer is dispatched.

Value Statements

Every failed ASN has a negative impact on General Mills' receiving operations. Without ASN information, the GMI receiver has to manually key attributes of each pallet (lot code, MFG DATE, etc.), which could lead to keying errors, and a food safety risk resulting from inaccurate data in our systems.
Receivers spend an extra 30 minutes to 4 hours unloading when ASN is not present (extra time dependent on complexity of shipment).
Missing ASN ties up receiving dock doors and delays trailer dispatching/turnaround.

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IMPLEMENTATION PROCESS

Business Review

- One on One meeting to be scheduled by the Business Rollout Lead from General Mills.
- The ASN program will be reviewed with appropriate business and systems personnel at the supplier. This will include discussing the supplier's EDI capabilities including the level to which this process is integrated into their application systems.
- Gain commitment on project objectives and timeline. This may include startup on EDI Purchase Orders (as well as PO Changes) and EDI Invoicing if not already in production.

EDI Review

- Coordinated by General Mills Electronic Commerce lead.
- Exchange EDI Technical Contacts information – all involved in testing process.
- Confirm any test IDs vs. Production, Name of Value-Added Network if new partner.
- Review project timelines and how we will interact to achieve.

Testing

- General Mills will send test POs to supplier for use in the testing.
- The supplier will send 856 to General Mills covering possible scenarios agreed upon.
    - List of scenarios and data examples shown at the end of this document.
- A sample BOL (bill of lading) is required to be sent as part of the testing.
- Label samples will also be asked for to be reviewed as part of the testing.

Production Go-Live

- The go-live date will be set after the 856 testing is approved by General Mills in concurrence with the supplier. We will also account for any startup timing with the receiving plant.

DATA RELATED QUESTIONS

Carrier Information If you manage the freight (not buyer pickup).

- We require the TD5 segment: specifically, the TD502 (value = 2) and TD503 (the SCAC) on the ASN.
- We require the TD3 segment: specifically, the TD301 (value = TL), the TD302 (the Trailer initial) and TD303 (the Trailer number) on the ASN. We use the TD309 Seal Number.
- Carrier information on the vendor ASN is used to streamline the truck arrival process. Without this information, a truck needs to be "manually" arrived within GMI system, which slows the truck arrival and receipt process at our plants.

Manufacturing Dates

- Manufacturing dates are required for all materials and lot codes you send to us: specifically, the DTM01 (value = 094) and DTM02 within the HL Item loop.

Lot Codes (SLN Segment)

- Lot codes are always required unless the material involved is packaging that *does not* touch the food product. In other words, they are needed for ingredients and food contact materials. If packaging vendors have them available, we ask them to be sent in all instances.
- Lot codes are determined by the supplier – format is free form up to 20 characters.
- Lot codes will be associated with the manufactured products in our warehouse management systems. This will allow General Mills to zero in on food safety concerns that may be related to various inputs.
- Usually there is just one lot code per pallet. General Mill's business processes request *no more than 2 lot codes per pallet* but send what is truly there.
- Note that a manufacturing date is still required even if lot code is not.

Pallet Bar codes (MAN02 Segment)

- The 20-digit SSCC-18 code in the ASN data must match up to the physical bar code placed on the pallet of product.
- Label Placement: Labels should be placed on 2 adjacent sides of the pallet, one side facing the un-loader. Further placement discussions should be coordinated with your business team and the Business Rollout Lead from General Mills.
- Some vendors may choose to incorporate the SSCC-18 bar code in with current labeling requirements for General Mills. If that approach is taken, discussions

should be coordinated with your business team and the Business Rollout Lead from General Mills who will ultimately approve the entire label.

- Additional information related to pallet bar codes; label requirements can be found on our Trading Partners website.

North American trading partners - General Mills

Vendor Pallet Label Requirements
Standard Shipping Label Example
SSCC18 Pallet Labeling Scenarios

Data Example 1 for:
Single purchase order (PRF), multiple pallets, all same lot (SLN)/manufacturing date (DTM)

ST*856*0738~
BSN*00*620706*20251027*0338*0001~
HL*1**S~
TD1**22325****G*14946.7*LB~
TD5**2*CLLT*M*CARRIER NAME~
TD3*TL*CLLT*228045******11799180~
REF*BM*620706~
DTM*011*20251029*1955~
DTM*017*20251028*2240~
N1*ST*GENERAL MILLS OPERATIONS*92*01ROWA~
N3*4901 HENRIETTA CREEK RD~
N4*ROANOKE*TX*76262*US~
N1*SF*SUPPLIERS PLANT*92*0000508907~
N3*222 ADDRESS RD~
N4*CITY*MN*55044*US~
HL*2*1*O~
PRF*12520425~
HL*3*2*T~
MAN*GM*00001915472107865644~
HL*4*3*I~
LIN**BP*3182480112~
SN1**800*EA~
SLN*1**I*800*EA****LT***1767420**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
HL*5*2*T~
MAN*GM*00001915472107866290~
HL*6*5*I~
LIN**BP*3182480112~
SN1**725*EA~
SLN*1**I*725*EA****LT***1767420**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
HL*7*2*T~
MAN*GM*00001915472107865705~

HL*8*7*I~
LIN**BP*3182480112~
SN1**800*EA~
SLN*1**I*800*EA****LT***1767420**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
HL*9*2*T~
MAN*GM*00001915472107865590~
HL*10*9*I~
LIN**BP*3182480112~
SN1**800*EA~
SLN*1**I*800*EA****LT***1767420**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
HL*11*2*T~
MAN*GM*00001915472107865842~
HL*12*11*I~
LIN**BP*3182480112~
SN1**800*EA~
SLN*1**I*800*EA****LT***1767420**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
HL*13*2*T~
MAN*GM*00001915472107865675~
HL*14*13*I~
LIN**BP*3182480112~
SN1**800*EA~
SLN*1**I*800*EA****LT***1767420**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
CTT*58~
SE*66*0738~
GE*1*686~
IEA*1*000002028~

Data Example 2 for:

Single purchase order (PRF), multiple pallets, multiple lots (SLN)/manufacturing dates (DTM)

ST*856*0738~
BSN*00*620706*20251027*0338*0001~
HL*1**S~
TD1**22325****G*14946.7*LB~
TD5**2*CLLT*M*CARRIER NAME~
TD3*TL*CLLT*228045******11799180~
REF*BM*620706~
DTM*011*20251029*1955~
DTM*017*20251027*2240~
N1*ST*GENERAL MILLS OPERATIONS*92*01ROWA~
N3*4901 HENRIETTA CREEK RD~
N4*ROANOKE*TX*76262*US~
N1*SF*SUPPLIERS PLANT*92*0000508907~
N3*222 ADDRESS RD~
N4*CITY*MN*55044*US~
HL*2*1*O~
PRF*12520425~
HL*3*2*T~
MAN*GM*00001915472107865644~
HL*4*3*I~
LIN**BP*3182480112~

SN1**800*EA~
SLN*1**I*800*EA****LT***1767420**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20221017**~
HL*5*2*T~
MAN*GM*00001915472107866290~
HL*6*5*I~
LIN**BP*3182480112~
SN1**725*EA~
SLN*1**I*725*EA****LT***1767421**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20221015**~
HL*7*2*T~
MAN*GM*00001915472107865705~
HL*8*7*I~
LIN**BP*3182480112~
SN1**800*EA~
SLN*1**I*800*EA****LT***1767422**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20221014**~
HL*9*2*T~
MAN*GM*00001915472107865590~
HL*10*9*I~
LIN**BP*3182480112~
SN1**800*EA~
SLN*1**I*800*EA****LT***1767423**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20221017**~
HL*11*2*T~
MAN*GM*00001915472107865842~
HL*12*11*I~
LIN**BP*3182480112~
SN1**800*EA~
SLN*1**I*800*EA****LT***1767424**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20221016**~
HL*13*2*T~
MAN*GM*00001915472107865675~
HL*14*13*I~
LIN**BP*3182480112~
SN1**800*EA~
SLN*1**I*800*EA****LT***1767425**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20221012**~
CTT*58~
SE*66*0738~
GE*1*686~
IEA*1*000002028~

Data Example 3 for:
Multiple purchase orders (PRF), multiple pallets, all same lot (SLN)/manufacturing date (DTM)

ST*856*0740~
BSN*00*621051*20251027*1125*0001~
HL*1**S~
TD1**43675****G*14219.8*LB~

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TD5**2*CLLT*M*CARRIER NAME~
TD3*TL*CLLT*61500******12799180~
REF*BM*621051~
DTM*011*20251028~
DTM*017*20251028~
N1*ST*GENERAL MILLS OPERATIONS*92*01ROWA~
N3*4901 HENRIETTA CREEK RD~
N4*ROANOKE*TX*76262*US~
N1*SF*SUPPLIERS PLANT*92*0000508907~
N3*222 ADDRESS RD~
N4*CITY*MN*55044*US~
HL*2*1*O~
PRF*12523212~
HL*3*2*T~
MAN*GM*00001915472107864104~
HL*4*3*I~
LIN**BP*3859622000~
SN1**1400*EA~
SLN*1**I*1400*EA****LT***1780720**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
HL*5*2*T~
MAN*GM*00001915472107864074~
HL*6*5*I~
LIN**BP*3859622000~
SN1**1400*EA~
SLN*1**I*1400*EA****LT***1780720**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
HL*7*2*T~
MAN*GM*00001915472107864401~
HL*8*7*I~
LIN**BP*3859622000~
SN1**1400*EA~
SLN*1**I*1400*EA****LT***1780720**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
HL*9*2*T~
MAN*GM*00001915472107864678~
HL*10*9*I~
LIN**BP*3859622000~
SN1**500*EA~
SLN*1**I*500*EA****LT***1780720**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
HL*11*2*T~
MAN*GM*00001915472107864494~
HL*12*11*I~
LIN**BP*3859622000~
SN1**1400*EA~
SLN*1**I*1400*EA****LT***1780720**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
HL*13*1*O~
PRF*12523213~
HL*14*13*T~
MAN*GM*00001915472107870655~
HL*15*14*I~
LIN**BP*3902240000~
SN1**1800*EA~
SLN*1**I*1800*EA****LT***1780720**~

PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
HL*16*15*T~
MAN*GM*00001915472107870723~
HL*17*16*I~
LIN**BP*3902240000~
SN1**1800*EA~
SLN*1**I*1800*EA****LT***1780720**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
HL*18*17*T~
MAN*GM*00001915472107870587~
HL*19*18*I~
LIN**BP*3902240000~
SN1**1800*EA~
SLN*1**I*1800*EA****LT***1780720**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
HL*20*19*T~
MAN*GM*00001915472107870471~
HL*21*20*I~
LIN**BP*3902240000~
SN1**1800*EA~
SLN*1**I*1800*EA****LT***1780720**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
HL*22*21*T~
MAN*GM*00001915472107871324~
HL*23*22*I~
LIN**BP*3902240000~
SN1**1800*EA~
SLN*1**I*1800*EA****LT***1780720**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
CTT*63~
SE*100*0740~
GE*1*688~
IEA*1*000002035~

Data Example 4 for:

Multiple purchase orders (PRF), multiple pallets, multiple lots (SLN)/manufacturing dates (DTM)

ST*856*0740~
BSN*00*621051*20251027*1125*0001~
HL*1**S~
TD1**43675****G*14219.8*LB~
TD5**2*CLLT*M*CARRIER NAME~
TD3*TL*CLLT*61500******12799181~
REF*BM*621051~
DTM*011*20251101~
DTM*017*20251101~
N1*ST*GENERAL MILLS OPERATIONS*92*01ROWA~
N3*4901 HENRIETTA CREEK RD~
N4*ROANOKE*TX*76262*US~
N1*SF*SUPPLIERS PLANT*92*0000508907~
N3*222 ADDRESS RD~
N4*CITY*MN*55044*US~

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HL*2*1*O~
PRF*12523212~
HL*3*2*T~
MAN*GM*00001915472107864104~
HL*4*3*I~
LIN**BP*3859622000~
SN1**1400*EA~
SLN*1**I*1400*EA****LT***1780720**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
HL*5*2*T~
MAN*GM*00001915472107864074~
HL*6*5*I~
LIN**BP*3859622000~
SN1**1400*EA~
SLN*1**I*1400*EA****LT***1780721**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251016**~
HL*7*2*T~
MAN*GM*00001915472107864401~
HL*8*7*I~
LIN**BP*3859622000~
SN1**1400*EA~
SLN*1**I*1400*EA****LT***1780722**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251015**~
HL*9*2*T~
MAN*GM*00001915472107864678~
HL*10*9*I~
LIN**BP*3859622000~
SN1**500*EA~
SLN*1**I*500*EA****LT***1780723**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
HL*11*2*T~
MAN*GM*00001915472107864494~
HL*12*11*I~
LIN**BP*3859622000~
SN1**1400*EA~
SLN*1**I*1400*EA****LT***1780724**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251012**~
HL*13*1*O~
PRF*12523213~
HL*14*13*T~
MAN*GM*00001915472107870655~
HL*15*14*I~
LIN**BP*3902240000~
SN1**1800*EA~
SLN*1**I*1800*EA****LT***1780725**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251017**~
HL*16*15*T~
MAN*GM*00001915472107870723~
HL*17*16*I~
LIN**BP*3902240000~
SN1**1800*EA~
SLN*1**I*1800*EA****LT***1780726**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251016**~
HL*18*17*T~

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MAN*GM*00001915472107870587~
HL*19*18*I~
LIN**BP*3902240000~
SN1**1800*EA~
SLN*1**I*1800*EA****LT***1780727**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251010**~
HL*20*19*T~
MAN*GM*00001915472107870471~
HL*21*20*I~
LIN**BP*3902240000~
SN1**1800*EA~
SLN*1**I*1800*EA****LT***1780728**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251011**~
HL*22*21*T~
MAN*GM*00001915472107871324~
HL*23*22*I~
LIN**BP*3902240000~
SN1**1800*EA~
SLN*1**I*1800*EA****LT***1780729**~
PID*F****GMI MATERIAL DESCRIPTION~
DTM*094***20251009**~
CTT*63~
SE*100*0740~
GE*1*688~
IEA*1*000002035~