

## Inventory Status EDI=947 Notes

### Purpose:

The Inventory Status is sent out from General Mills. It provides data for **two separate quality initiatives**:

- Green Light (**GL**) – indicates which material / lot combinations are on “Quality Restricted” status. This restricts sending to customers, but allows on certain interplant transfers.
- Reach and Hold (**R&H**) – communicates which material/lot combinations (or which particular pallet ID's) should be placed on HiFi (Hold it / Find it) hold.

### Notes for Green Light:

- The 947 will be generated following the creation of the production order for a given material / date code (batch).
  - If material is NOT being tested that day, an XX (unrestricted) status would be sent.
  - If material IS being tested that day, a QR (quality restricted) status would be sent.
- The 947 will be batched up and sent approximately every 15 minutes.
  - The data will contain an extract date / time to be used for sequencing
    - It would be possible to receive transactions out of sequence.
  - Rely on the data from the latest (extract date/time) 947 for each material / batch.
- The 947 will be sent for all GL managed materials to all GL managed locations setup for the material.
- The batch status provided in the 947 will need to be applied to all existing inventory and retained for any future receipt.
  - The 947 providing the status for a given material/batch will most often come prior to receiving it on an order but in some cases may come after you have received it.
  - The batch status for a given material/code date will need to be retained until 1 year past the expiration date.
- When a material IS being tested, an updated 947 would be sent if the expected customer availability date changes (typically due to delayed test results).
  - The availability date is typically 4-5 days after the manufacture / production date.

- When a material IS being tested, an updated 947 would be sent with XX (unrestricted) status after test results are recorded and no issues were found.
  - If a batch fails in GL testing, HiFi hold procedures will be used to instruct the partner to place product on hold. (putting product on hold includes sending General Mills a 947 to indicate movement to blocked stock).
- Inventory Adjustment (EDI=947) transactions **do not** need to be initiated from your site to General Mills as this QR status is initiated from General Mill's system only.
- We have created a transaction in SAP for users to manually "push" batch status out (ZLOBATSEND). The 947 will be used for this as well.

#### Notes for **Reach and Hold**:

- This type of 947 will be generated whenever a HiFi hold needs to be initiated with your site. This process is currently handled by email (and that will continue), but this becomes another way of communicating material and batch info that needs to go on hold. A subset of the material/batch combo can also be accomplished by listing impacted pallet license plate number.
- Your location can use this data to quickly flag impacted product to ensure it is not shipped. You can use the data to segregate per location procedures. For example, stop the picking process or discontinue use of product in the special pack process.
- Inventory Adjustment (EDI=947) transactions still need to be initiated from your site to General Mills (as they are today). This actually puts the product on HiFi Hold in both of our systems.
- Releases are not in scope. They will not be sent via EDI. Disposition instructions will continue to be sent via email. Subsequent adjustments will be sent back to us accordingly (off hold, donate, destroyed, etc...).
- There are implications for the WMS system on this project (more than EDI). A review for the full solution will allow various options to meet the basic requirements.

### GL Data Examples:

- One lot on **QR** hold; another lot **NOT** on QR hold

ST\*947\*1~  
W15\*20140305~  
N1\*WH\*1532~  
G62\*BB\*20140305\*W\*0801\*CT~  
W19\*AP\*0\*CA\*\*VN\*0010572000~  
N9\*LT\*06OCT4HN~  
N9\*ACC\***QR**~  
G62\*BY\*20140310~  
G62\*36\*20141006~W19\*AP\*0\*CA\*\*VN\*0010573000~  
N9\*LT\*07OCT4HN~  
N9\*ACC\***XX**~  
G62\*BY\*20140305~  
G62\*36\*20141007~  
SE\*16\*1~

- Taking QR hold **off** after testing clearance

ST\*947\*2~  
W15\*20140310~  
N1\*WH\*1532~  
G62\*BB\*20140310\*W\*1500\*CT~  
W19\*AP\*0\*CA\*\*VN\*0010572000~  
N9\*LT\*06OCT4HN~  
N9\*ACC\***XX**~  
G62\*BY\*20140310~  
G62\*36\*20141006~  
SE\*10\*2~

### R&H Data Examples:

- 947 with single material/code date

ST\*947\*193660001~  
W15\*20200422\*701355\*1250~  
N1\*WH\*0972~  
G62\*BB\*20200422\*W\*150628\*CT~  
W19\*05\*0\*CA\*\*VN\*0016208000~  
N9\*LT\*13MAY0MS~  
N9\*ACC\*HF~  
SE\*8\*193660001~

■ 947 with multiple material/code date combos:

ST\*947\*193650001~  
W15\*20200422\*701354\*2120~  
N1\*WH\*0972~  
G62\*BB\*20200422\*W\*150537\*CT~  
W19\*05\*0\*CA\*\*VN\*0140097002~  
N9\*LT\*15JUN0MS~  
N9\*ACC\*HF~  
W19\*05\*0\*CA\*\*VN\*0152230000~  
N9\*LT\*11JUN0MS~  
N9\*ACC\*HF~  
W19\*05\*0\*CA\*\*VN\*0181778000~  
N9\*LT\*15JUN0MS~  
N9\*ACC\*HF~  
SE\*14\*193650001~

■ 947 with LPN's (in addition to material/code date)

ST\*947\*193660001~  
W15\*20200422\*701356\*4670~  
N1\*WH\*0972~  
G62\*BB\*20200422\*W\*150740\*CT~  
W19\*05\*0\*CA\*\*VN\*0049203000\*PL\*00100160000930343367~  
N9\*LT\*08JUN0MS~  
N9\*ACC\*HF~  
W19\*05\*0\*CA\*\*VN\*0049203000\*PL\*00100160000930343374~  
N9\*LT\*08JUN0MS~  
N9\*ACC\*HF~  
W19\*05\*0\*CA\*\*VN\*0049203000\*PL\*00100160000930343541~  
N9\*LT\*08JUN0MS~  
N9\*ACC\*HF~  
W19\*05\*0\*CA\*\*VN\*0049203000\*PL\*00100160000930343558~  
N9\*LT\*08JUN0MS~  
N9\*ACC\*HF~  
W19\*05\*0\*CA\*\*VN\*0049203000\*PL\*00100160000930343718~  
N9\*LT\*08JUN0MS~  
N9\*ACC\*HF~  
SE\*20\*193660001~

When LPN's are listed, there will only be a single material / code date combination in the 947 transaction.

Testing Notes

There are specific scripts for these processes that include on/off hold (and verifying via 846) and well as "stacked holds" (multiple HIFI holds as well as HIFI and Green Light status). Green Light testing will also include a business certification process.

When to send back a 947 to General Mills:

<u>Status changing <b>from</b></u>	<u>Status changing <b>to</b></u>	<u>Notice of Adjustment to us?</u>
Available	Quality Restricted	No
Quality Restricted	Available	No
Available	Blocked	Yes
Blocked	Available	Yes
Quality Restricted	Blocked	Yes
Blocked	Quality Restricted	Yes

For the "stacked" scenario

- we don't expect a 947 for the 2<sup>nd</sup> hold if product is already on hold.
- when product is released from blocked stock the 947 should only be sent once both holds have been released.