



# **BENDIX**

## **Forecast planning schedule**

### **Bendix's Implementation Guidelines 830 DELFOR Version 003020**

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## **Bendix CVS - EDI 830 Generation (Version 003020):**

### *Purpose:*

This document contains the format and establishes the data contents of forecast releases Transaction Set (830) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the forecast of goods as well as additional information relating to the releases, such as PO number, duns ID, total cumulative quantity and specific ship /delivery patterns for daily, weekly and monthly requirements.



### **Bendix EDI Details:**

**Bendix EDI VAN Provider:** GXS  
**Bendix ISA EDI ID/Qualifier:** 004155941S/14  
**Bendix GS EDI ID:** 004155941S

### **Bendix CVS EDI 830 generation:**

**ISA\*00\*      \*00\*      \*14\*004155941S    \*01\*099974123  
\*020513\*0501\*U\*00302\*000001410\*0\*P\***

Interchange control header

- 01 - Always 00
- 02 - Always ten spaces
- 03 - Always 00
- 04 - Always ten spaces
- 05 - 14 is used for all Bendix Duns IDs - Please store this in the Company table
- 06 - Sender's code, Bendix Duns number, different Duns for each Strategic Business Unit -Also store this in the company table - we only deal with one business unit - Commercial Vehicle Systems
- 07 - 01 indicates production mailbox, ZZ indicates testing mailbox for Bendix - Store as a constant
- 08 - Receiver ID code, a Duns number for the recipient of the EDI document - Stored in the ShipFrom table - use the first one available
- 09 - Document creation date
- 10 - Document creation time (24 hour)
- 11 - Always U
- 12 - Always 00302
- 13 - Control number, incremented number, stored in database.
- 14 - Always 0
- 15 - Always P
- 16 - Sub element separator, always >, never used



**GS\*PS\*004155941S\*099974123\*020515\*0501\*1404\*X\*003020**

Functional group header

- 01 - Always PS
- 02 - Same as ISA06
- 03 - Same as ISA08
- 04 - Document creation date
- 05 - Document creation time (24 hour)
- 06 - Group control number, normally matches ISA13 but doesn't have to
- 07 - Always X
- 08 - Always 003020

**ST\*830\*000001404**

Transaction set

- 01 - Always 830, indicates EDI document type
- 02 - Tracking number, unique to ship-from/ship-to combination

**BFR\*05\*000000000\*DL\*A\*020506\*030401\*020513**

Beginning segment for planning schedule

- 01 - Always 05 = replace
- 02 - Not used
- 03 - Release number
- 04 - Always DL = delivery based
- 05 - Always A = discrete qualifier
- 06 - Beginning release date
- 07 - End release date
- 08 - Release creation date

**NTE\*GEN\*6536465**

Not used



**N1\*SF\*WEATHERHEAD DIVISION\*1\*099974123**

Name - ship from

- 01 - SF indicates ship-from
- 02 - Ship-from description - from ship from table
- 03 - Always 1, signifies N104 is a Duns number
- 04 - Ship from code - Supplier Vendor Code.

**N1\*ST\*HUNTINGTON MODULES\*1\*8015225328**

Name - ship to

- 01 - ST indicates ship-to
- 02 - Ship-to description (from ship-to table)
- 03 - Always 1, signifies N104 is a Duns number
- 04 - Duns number, grab from ship-to table

**N3\*2051 RIVERFORK DRIVE**

Address heading

- 01 - Address (from ship-to table)

**N4\*HUNTINGTON\*IN\*46750\*US**

Geographic location heading

- 01 - City name (from ship-to table)
- 02 - State (from ship-to table)
- 03 - Zip code (from ship-to table)
- 04 - Country code (from ship-to table)



**LIN\*00010\*BP\* 05002419\*VP\*1234\*PO\*062651\*EC\*001\*DR\*00001**

Item identification

- 01 - Bendix PO Line Number
- 02 - BP = Bendix part number
- 03 - Part number (item in po line)
- 04 - VP = vendor part number
- 05 - Part number (vendor item in po line)
- 06 - PO = purchase order number
- 07 - PO number (po number in po line)
- 08 - EC = engineering change level
- 09 - Change level (revision in po line)
- 10 - DR = drawing revision number
- 11 - Drawing revision (draw rev in po line)

**UIT\*EA**

Unit detail

- 01 - Unit of measurement (item UOM in po line)

**PER\*EX\*CLARK, JUDI**

Expeditor Name

- 01 - Expeditor Code, always EX
- 02 - Expeditor/Buyer's Name

**SDP\*A\*F**

Ship/delivery pattern

- 01 - Pattern code, always A
- 02 - Time code, always F



### **FST\*600\*C\*W\*020520**

#### Forecast schedule

- 01 - Quantity (order quantity in PO release)  
[This would be the total PO quantity/item]
- 02 - C for firm releases, D for planned releases and A for Past due releases.
- 03 - W for Weekly releases, M for Monthly releases and D for daily releases.
- 04 - Date (request date in PO release)

### **ATH\*PQ\*020506\*3600\*\*020101**

#### Resource authorization

- 01 - Always PQ = cumulative released quantity [This is cum scheduled thru current date]
- 02 - Date (auth current date in PO line)
- 03 - Quantity (auth qty in PO line) (This should not be used for any open quantity calculation)
- 04 - Not used
- 05 - Cumulative start date (auth begin date in PO line)

### **SHP\*01\*600\*050\*02051**

#### Shipped/received information

- 01 - 01 = Discrete, used for all shipments on releases for this line
- 02 - Quantity (receipt quantity from receipt)
- 03 - Date/time qualifier, 050 for received date
- 04 - Date (receipt date from receipt)

### **REF\*SI\*35991**

#### Reference numbers

- 01 - Always SI, no documentation
- 02 - Reference number (reference in PO release)



**SHP\*02\*3600\*050\*020101\*\*020506**

Shipped/received information

- 01 - 02 = Cumulative, used for cumulative releases shipments on this line
- 02 - Quantity (auth qty in PO line) [This is accum received thru cur date]
- 03 - Date/time qualifier, 050 for cumulative start date
  - [If '051' - Cum Qty Start Date]
  - [If '050', this is supposed to be the Last Shipment Receipt Date]
- 04 - Cumulative quantity start date (auth begin date from PO line)
- 05 - Not used
- 06 - Cumulative quantity end date (authcurdate from poline) [OK]

**CTT\*1**

Transaction totals

- 01 - Number of LIN segments in transaction set

**SE\*17\*000001404**

Transaction set trailer

- 01 - Number of included segments (count includes ST & SE)
- 02 - 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)





## Sample File

ISA\*00\*            \*00\*            \*14\*004155941S    \*01\*123234213  
\*150709\*0052\*U\*00302\*000002147\*1\*P\*>~  
GS\*PS\*004155941S\*123234213\*150709\*0052\*2147\*X\*003020~  
ST\*830\*21470001~  
BFR\*05\*\*269\*DL\*A\*150709\*160731\*150709~  
N1\*SF\*XXXXXXXXXXXX\*1\*123234213~  
N1\*ST\*BENDIX CVS LLC\*1\*021641758~  
N3\*1850 RIVERFORK DRIVE~  
N4\*HUNTINGTON\*IN\*46750\*US~  
LIN\*00010\*BP\*K038368\*VP\*123456\*PO\*123123123~  
UIT\*EA~  
PER\*EX\*HEATHER BRADIN\*TE\*260-358-4477~  
SDP\*A\*F~  
FST\*0\*A\*D\*150703~  
ATH\*PQ\*150623\*95586\*\*150101~  
SHP\*01\*360\*050\*150623~  
REF\*SI\*1152271209~  
SHP\*02\*95586\*050\*150101\*\*150709~  
CTT\*1~  
SE\*17\*21470001~  
GE\*1\*2147~  
IEA\*1\*000002147~