



Infor Hella HBPO (OH)

AutoMap/Traditional

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Table of Changes

Changed By	Date	Reason	Update#	Section Changed
K. Radtke	9/5/17	Change DESADV from AutoMap to Traditional	A116121509	DESADV
K. Radtke	9/5/17	Add 3 character prefix	A110081903	Bar Code

General Information

Messages and Versions

The Hella HBPO module uses the EDIFACT messages listed below.

EDIFACT Message	Document Name	X12 Equivalent	Version
DELFOR	Delivery Forecast	830	D96A
DESADV	Despatch Advice	856	D05B
CTRL	Control	997	D96A

All Hella HBPO EDIFACT messages are received and sent in the EDIFACT format. However, EDIFACT messages are processed as X12 transaction sets within AutoRelease. They are identified on inquiries and reports as the equivalent transaction set number.

Data Field Restrictions

Data fields may NOT contain any of the following characters:

- : (colon)
- + (plus sign)
- ' (apostrophe)
- ? (question mark)

Security

Communication Method

Hella HBPO communicates through the ACM (Advanced Communications Module) component.

For more information on ACM, see Chapter 17 of the AutoRelease main manual. Enter security requirements (identification codes, passwords, etc.) before attempting to receive or transmit. Network security is entered one time, but may be accessed by multiple trading partners.

Note: When establishing communication set up either with a VAN or direct, the following must exist:

Wrap Data? YES - 80

Start New Record on New Interchange? YES

File Archiving / Auto Print and Process

(Option 3 on the AZ10 Menu - ACM)

AZD2008	PROCESS PROFILE SETUP
OEM	
Company	
Auto Print	
Auto Process.....	
Auto 997.....	
Days To Archive.....	
F4=Prompt F12=Cancel	

- Auto Print (Y/N) - Enter "Y" if using Auto Receive and Breakdown (scheduled through ACM), to perform an automatic Print after the Breakdown. Enter "N" if not using Auto Receive, or, if using Auto Receive and Breakdown, if the Print option is not to be run automatically after the Breakdown.
- Auto Process (Y/N) - Enter "Y" if using Auto Receive and Breakdown (scheduled through ACM) and if also using Auto Print, to perform an automatic Process after the Receive, Breakdown and Print. Enter "N" if not using Auto Receive, or, if using Auto Receive, Breakdown, and Auto Print, if the Process option is not to be run automatically after the Print.
- Auto 997 (Y/N) – Enter "Y" and a 997 will automatically be sent back to the OEM acknowledging receipt of inbound EDI data.
- Days to Archive - Enter the number of days to archive files received from the OEM. Files must be saved at least one day. Archived files are files that are stored for a given number of days, so that they can be reactivated. The number of days is not based on calendar days. Only the number of days when a communication session takes place is counted. Then the archived files are removed during the next shift.

Note: Only error-free requirements are processed. Errors must be corrected and the "Print" and "Process" options must be taken manually to process the remaining data.

Implementation

Identification Code File

The Identification Code File is used when taking the option to "Split" a file received from Hella HBPO and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

Initial Record

Company Number	KB	
OEM Code	OH	
Plant ID	12345	(How the OEM defines your plant)
OEM ID		(How the OEM defines themselves)
Corporate ID		(How the OEM defines your corp.)
Remit to Duns Number		(Payment Receiver ID - ASN)
VAT Code		
Transmission Mode	(T/P)	T-Test, P-Production
Smart Labels	(Y/N)	
Pallet Staging	(Y/N)	
Bar Code File Transfer ...	(Y/N)	
Variable Unwrap Print	(Y/N)	
Automatic print of 997 ...	(Y/N)	
AutoMap.....	(Y/N)	

F1=Help F12=Return **F15=Trading Partnership File (EDIFACT)**
F17=Selective F/A's F18=Additional Qualifiers F19=Outbound Receiver IDs

Errors that occur during the "Split" that indicate a code is missing from the Identification Code File are referring to Plant ID or OEM ID.

AutoMap - Enter "Y" to place data in the AutoMap files (during the Split).

HELLA HBPO (OH) displays the Trading Partnership Maintenance option for EDIFACT transactions on the Identification Code menu.

Master File Entry

The entry of each master file is NOT explained in this document. Only the master files that require unique entry, to accommodate specific business practices for this trading partner are noted.

Requirement File - Clear Flags

The Requirement Master clear flags should not be marked. Keywords are used to determine what to clear based on purpose codes.

Container Master – OEM Special Processing

The field "OEM Special Processing" in the container master Record must contain "NOAUX" for any containers that do not have auxiliary packaging and have only master label serial numbers and no container label serial numbers to send on the DESADV.

MAINTAIN CONTAINER MASTER FILE	
Company Number	KB
Container Number	BOX90
Customer Abbreviation	
Destination Abbreviation ...	
Customer Container Number	00000EXP
Internal Container Description	CARDBOARD BOX
ASN/DESADV Cont Desc/Cont Desc	BOX25 / BOX25
Returnable Container (Y/N/X)	Y
Print Ctn on Separate Line (Y/N)	Y
Relieve Inventory (Y/N)	N
Use BOM/Dunnage Information (Y/N)	N
Container Weight (5)	1.50000
Print/Extract BOM (Y/N)	N
Multiple Line Items/Container (Y/N/M) ..	N
Combine Partial Containers (Y/N)	N
Harmonized System Code	
Country of Origin	
OEM Special Processing	NOAUX
F1=Help F12=Return F13=BOM Maintenance F14=Cum Shipped	

CUM Required Prior

Hella HBPO does send CUM Required Prior. Therefore, it is not necessary to enter a CUM Required Prior figure manually before going live. The CUM Required Prior is used to calculate ahead or behind figures and to round to package quantity. If entering a Trading Partner manual requirement or while testing, the CUM required prior may be entered using the option Enter Manual Requirements and either using F5 from the entry screen or it may be entered directly on the header screen.

Activate or Deactivate Keywords - Change Error Types (Warning - Terminal)

Keywords activate special processing to accommodate your Trading Partner practices. To view keywords used by your Trading Partner:

1. Access the AutoMap Menu.
2. Take the Process Keywords options.
3. Select the trading partner with 7 (keyword options).

4. Keywords are displayed for the selected trading partner.
5. Select the keyword to be changed with 1 (select).

The error maintenance screen displays. The fields that can be changed include:

Error Type - The error type may be W (warning) or T (terminal).

T (terminal) - When the create and transmit ASNs option is taken the ASN records are checked for missing fields that may cause the ASNs to be rejected. If terminal errors are found, (errors that will cause the ASN to be rejected according to OEM specifications) the program ends, the ASN Verification Report prints and a break message is displayed. Terminal errors must be corrected before taking the create and transmit option again.

W (warning) - When the create and transmit ASNs option is taken the ASN data is verified. If only warning errors are found, the ASN Verification Report prints and a break message is displayed that gives the user the option to continue with errors or to cancel. Error Message - The message that is displayed when this error is encountered may be changed.

Active - The keyword may be active (Y) or inactive (N).

Bar Code

Hella HBPO (OH) requires a 3 character prefix (assigned by Hella) on the bar code serial number. In order to accommodate this, the following file maintenance is required:

From the AutoScan Label Print Main Menu, select option 2 - OEM Setup Maintenance.

For OEM "OH", enter option 2=Change and press ENTER. If the Next Serial Number (not counting the OEM code) is longer than 7 digits, a new record will need to be added (or this one deleted/re-added) because the Next Serial Number cannot be longer than 7 digits.

If you are going to delete this record, make note of all the data that needs to be re-entered before deleting.

Press F11=Alt Code and enter the Alternate Code assigned by Hella HBPO.

KAREN.R	Label Print OEM Setup Maintenance	9/05/XX
RSDBP1600		14:40:47
Type in parameters, then press Enter.		Change Mode
Company Number	KB	
OEM Code	OH	
Default Printer	LPT1:	
Customer Abbreviation	(O)	
Destination Abbreviation	(O)	
Next Serial Number	OH5000000	
Supplier ID	12345	
Number of Labels in Container Set..	1	
Format for Part Labels		
Format for Container Labels	OHC01	
Format for Master Labels	OHM01	
Format for Mixed Labels	OHX01	
Format for Quick Receive Labels ...		
Format for Rack labels		
Format for Batch labels		
Controller OR IP Address OR ARTFORM X BCZM400		
OEM Setup Description		
F12=Return F7=Two-Dimensional F8=PC Settings F10=Format Maint F11=Alt Code		

Alternate Code.....

The alternate code will be used instead of OEM code to create serial#'s which are normally in the format of OEM Code + serial number.
Leave this code blank if OEM Code is to be used.

If 3 Character Alternate Code is used, the next Serial # CANNOT be more than 7 digits.

F12=Return

DESADV

DESADV FILE MAINTENANCE			
Sequence number	Company	KB	Action Code O
<hr/>			
-			
Ship/Inv # ...	OEM	OH	Cust Abrv
Ship Date	0/00/00	DESADV	Dest Abrv
Ship Time		Net Weight	Dock
Ship Line # ..		Tare Weight	Model Year
Arrival Date ..	0/00/00	Container Qty ..	Carrier
Arrival Time ..		Cont Desc	Equip Desc
Qty Shp		Pallet Qty	Equip Init
Unit of Mea ..		Pallet Desc	Conv. Code
Qty Per Pack..		Return Cont	Honda Dest
Reqmnt Date ..	0/00/00	Plant ID	
Reqmnt Time ..		Cust Prt #	
In-House Prt#		Part Desc	
P.O. #		Eng Rev Lvl ...	
P.O. Line # ..		Lot No	
RAN		Vendor Part ...	
Country Org ..		Place of Dlvy .	
Conv Bill # ..		Carrier Name ..	
Pro Number ...			
F12=Return			

How to Use This Document

This document provides information regarding unique instructions required to implement this trading partner's unique business practices. Check the chapters in AutoRelease that describe the common functions and procedures performed by all trading partners, such as the daily procedures, security, ASN options, etc.

General Information

The general information section of this document describes transaction sets and versions, how they apply to this trading partner and other miscellaneous information.

Security

The security section of the document explains the communication method used by this trading partner and network profile, when applicable.

Implementation

The trading partner documents provide information that may be pertinent only to this trading partner. The implementation section covers master file entry that is unique to this trading partner. However, all required master files must be entered according to the instructions in the "AutoRelease User's Manual."

Files and fields that are unique for all trading partners include the Identification Code File, trading partnership file, model year, Requirement Master clear flags and CUM required prior.

VL0 Menu

Traditionally coded trading partners use a VL0xx menu (where xx is the OEM code) to perform daily procedures (from the "Receive" through the "Process"). Many of the options on the VL0 menus are identical from trading partner to trading partner. Those options are explained one time only in the AutoRelease manual.

Daily Procedures	Describes the receive, split, breakdown, print, process, and transmit 997
Security	Describes all security selection and maintenance options and VAN menus

The VL0 section of each trading partner document illustrates the menu for this specific trading partner, but describes ONLY exceptions and unique business practices such as:

- The print method (mandatory or optional) is identified.
- Special processing for a common option for this specific OEM is identified.
- Fields that print on the edit list but are not processed are identified.
- Options that are not commonly used by other trading partners are described in detail.

A complete description of the common options can be found in the Daily Procedures chapter of AutoRelease.

ASNs

Traditionally coded trading partners use a VL8xx menu (where "xx" is the OEM code) to transmit ASNs to the trading partner. Many of the options on the VL8 menus are identical from trading partner to trading partner. Those options are explained one time only in the AutoRelease manual.

ASN (VL8) Options	Describes the standard procedures for transmitting ASNs without bar code.
ASN with Bar Code Options	Describes the standard procedures for transmitting ASNs with bar code.

The VL8 section of each trading partner document illustrates the menu for this specific trading partner, but describes ONLY exceptions and unique business practices such as:

- Valid action codes are identified.
- The ASN Maintenance screen displays with valid field descriptions.
- ASN extract exceptions and special processing relating to ASNs for this specific trading partner are identified.
- Options that are not commonly used by other trading partners are described in detail.

A complete description of the routine options can be found in the ASN (VL8) Options chapter of AutoRelease.

Electronic Invoice Menu

Some traditionally coded trading partners use a VL75xx menu (where xx is the OEM code) to transmit electronic invoices to the trading partner. Many of the options are identical from trading partner to trading partner. Those options are explained one time in the AutoRelease manual.

Electronic Invoices	Describes invoice maintenance, print invoice register, create and transmit, purge, and reactivate transmitted invoices menu options.
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The VL75 section of each trading partner document illustrates the menu for this specific trading partner, but describes ONLY exceptions and unique business practices such as:

- Invoice header screen and valid field descriptions
- Invoice line item screen
- Invoice line item information screen and valid field descriptions
- Miscellaneous charge screen and valid field descriptions
- Options that are not commonly used by other trading partners are described in detail

A complete description of the common options can be found in the Electronic Invoices chapter of AutoRelease.