



Infor Flex-N-Gate (FH)

AutoMap

Important Notices

The material contained in this publication (including any supplementary information) constitutes and contains confidential and proprietary information of Infor.

By gaining access to the attached, you acknowledge and agree that the material (including any modification, translation or adaptation of the material) and all copyright, trade secrets and all other right, title and interest therein, are the sole property of Infor and that you shall not gain right, title or interest in the material (including any modification, translation or adaptation of the material) by virtue of your review thereof other than the non-exclusive right to use the material solely in connection with and the furtherance of your license and use of software made available to your company from Infor pursuant to a separate agreement, the terms of which separate agreement shall govern your use of this material and all supplemental related materials ("Purpose").

In addition, by accessing the enclosed material, you acknowledge and agree that you are required to maintain such material in strict confidence and that your use of such material is limited to the Purpose described above. Although Infor has taken due care to ensure that the material included in this publication is accurate and complete, Infor cannot warrant that the information contained in this publication is complete, does not contain typographical or other errors, or will meet your specific requirements. As such, Infor does not assume and hereby disclaims all liability, consequential or otherwise, for any loss or damage to any person or entity which is caused by or relates to errors or omissions in this publication (including any supplementary information), whether such errors or omissions result from negligence, accident or any other cause.

Without limitation, U.S. export control laws and other applicable export and import laws govern your use of this material and you will neither export or re-export, directly or indirectly, this material nor any related materials or supplemental information in violation of such laws, or use such materials for any purpose prohibited by such laws.

Trademark Acknowledgements

The word and design marks set forth herein are trademarks and/or registered trademarks of Infor and/or related affiliates and subsidiaries. All rights reserved. All other company, product, trade or service names referenced may be registered trademarks or trademarks of their respective owners.

Publication Information

Release: Infor Flex-N-Gate

Publication date: July 2018

Contents

Contents.....	3
General Information	6
Transaction Sets and Versions.....	6
Security	6
Implementation.....	6
Identification Code File	6
File Archiving / Auto Print and Process	8
Master File Entry for Flex-N-Gate.....	9
Model Year.....	9
EDI Code File.....	9
Frequency Codes.....	9
Requirement File - Clear Flags.....	9
CUM Required Prior.....	9
ASNs.....	10
Mandatory Fields.....	10
ID Numbers Screen.....	10
Reference Numbers Screen	10
ASN Detail Maintenance Screen	11
ASN Container Review Screen.....	11
How to Use This Document.....	12
General Information	12
Security	12
Implementation.....	12
ASNs	12
AutoMap Features and Preferences.....	13
Activate or Deactivate Keywords - Change Error Types (Warning - Terminal).....	13

Table of Changes

Changed By	Date	Reason	Update#	Section Changed

General Information

Transaction Sets and Versions

The Flex-N-Gate module supports the following transaction sets:

- 830 Material Release Version 4010
- 856 ASN Version 4010
- 862 Shipping Schedule Version 4010
- 997 Functional Acknowledgement Version 4010

The **830 (Material Release)** contains daily release schedules.

The **856 (ASN)** is required to be transmitted for each shipment within 24 hours from when the truck leaves the plant.

The **862 (Shipping Schedule)** contains firm requirements.

The **997 (Functional Acknowledgement)** is required to be transmitted to acknowledge the received 830s, within the time frame defined by Flex-N-Gate.

Security

Communication Method

Flex-N-Gate 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

Implementation

Identification Code File

The identification code file is used when taking the option to "split" a file received from Flex-N-Gate, and

also when transmitting ASNs. The identification code file is used differently by different manufacturers.

Company Number	- xx
OEM Code	- FH
Plant ID	- Your Supplier Code (N1*SU)

Press Enter to display remaining fields:

OEM ID	- Flex-N-Gate's DUNS Number (ISA06)
Corporate ID	- Your DUNS Number (GS03)
Remit to Duns #	- Not used by Flex-N-Gate
VAT Code	- Tax ID
Transmission Mode	- P
Smart Labels	- N
Pallet Staging	- N
Bar Code File Transfer	- N
Variable Unwrap Print	- Y or N
Automatic print of 997	- N
AutoMap	- Y

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).

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.

Master File Entry for Flex-N-Gate

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.

Model Year

Flex-N-Gate does not send model year. Therefore, the requirement and price files must be entered leaving the model year fields blank.

EDI Code File

Type Codes

- C Firm
- D Planning

Frequency Codes

- D Discrete
- F Flexible
- W Weekly
- M Monthly

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.

CUM Required Prior

Flex-N-Gate sends both CUM required prior and CUM received. The CUM required prior is placed in the CUM required prior field and the CUM received is printed only. It is not necessary to enter a CUM required figure manually before going live. The CUM required that is transmitted overlays what was entered manually.

The CUM required prior is used to calculate ahead or behind figures and to round to package quantity. When entering a Flex-N-Gate 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.

ASNs

Application Control File keyword SCANPOFH value of PRINTVER needs to be added to capture the PO number. This is needed for ASN create to loop correctly if different POs are on the same shipment. During Bar Code Print, the PO number will be captured.

CO = Company or **
Application Name = *ALL
Keyword = SCANPOFH
Length = 10
Dec= blank
Infor Data = "PRINTVER"

Mandatory Fields

ASN Header Maintenance Screen

ASN Purpose	-	Transmitted in the BSN 01. O - Original 00 C - Cancellation 01 R - Replace 04
Equipment Description	-	Transmitted in the TD3 01.
Ship Date	-	Transmitted in the DTM 02.
Ship Time	-	Transmitted in the DTM 03.
Pick up Carrier	-	Transmitted in the TD5 03.

ID Numbers Screen

Supplier ID	-	Transmitted in the N1 04.
-------------	---	---------------------------

Reference Numbers Screen

BOL	-	Transmitted in the REF 02.
Conveyance Bill	-	Transmitted in the TD3 03.

ASN Detail Maintenance Screen

Cust Part #	-	Transmitted in the LIN 03.
Shipment Qty	-	Transmitted in the SN1 02 and CTT 02.
Package Qty	-	Transmitted in the CLD 02.
Ship Gross	-	Transmitted in the MEA 03.
CUM Shipped	-	Transmitted in the SN1 04.
Unit/Mea	-	Transmitted in the SN1 03 and CLD 05.

ASN Container Review Screen

Container Description	-	Transmitted in the TD1 01.
Container Qty	-	Transmitted in the TD1 02 and CLD 01.

How to Use This Document

This document provides information regarding unique instructions required to implement this trading partner's unique business practices. There is a separate document called "AutoMap Manual" which describes those procedures which apply to all trading partners (NOT unique for each trading partner) such as the daily procedures, job controls, etc.

General Information

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

Security

The security section of the document explains the Advanced Communication Module (ACM).

Implementation

Requirements received via AutoMap are processed into the AutoRelease master files to perform shipping, ASN and invoicing functions. Therefore, enter all master files in the same manner as required when processing data from the AutoRelease menus.

Exception: Special AutoMap processing needs are handled via keywords in AutoMap. Therefore, clear flags and special processing flags (F20) should not be marked.

The entry of each master file is NOT explained in this supplement. Only those that require specific fields marked to accommodate specific business practices for this trading partner are noted.

The master files required during the "process" from the AutoMap Requirement Display, are the same files that are required when processing from the VL0 menus:

- Machine Readable - customer and destination
- Parts Cross Reference
- Requirement Master

These files must be entered to successfully process data into the requirement and load files.

ASNs

All AutoMap trading partners transmit ASNs to the trading partner by using option 3 (ASNs) from the AutoMap menu. The ASN section of each trading partner document describes the ASN cancellation procedure and mandatory ASN fields for a specific trading partner.

A complete description of the common options can be found in the ASN section of the AutoMap manual.

AutoMap Features and Preferences

In AutoMap, keywords are unique for the business practices of the trading partner. This section describes how to access keywords, whether there are optional or conditional keywords for this trading partner, and how to activate and deactivate keywords.

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

Keywords activate special processing to accommodate Autoliv EDIFACT practices. To view keywords used by Autoliv EDIFACT:

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).

Create Invoices

Enter "Y" to create a GL/AR file which will be passed through the interface to the ERP package. Also, a hard copy, electronic invoice, or both for each shipper to this destination will be generated.