



# Infor Federal Mogul (FM)

## Traditional

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### **Publication Information**

Release: Infor Federal Mogul

Publication date: May 2018

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Changed By	Date	Reason	Update#	Section Changed
K. Radtke	10/13/15	New Application Keyword	A110032403	Bar Code

# General Information

## Transaction Sets and Versions

The Federal Mogul module supports the following transaction sets:

- |                                      |              |
|--------------------------------------|--------------|
| • 820 Remittance Advice              | Version 3030 |
| • 824 Application Advice             | Version 3030 |
| • 830 Material Release               | Version 3020 |
| • 850 Purchase Order                 | Version 4010 |
| • 855 Purchase Order Acknowledgement | Version 2003 |
| • 856 ASN                            | Version 4010 |
| • 860 Purchase Order Change          | Version 2003 |
| • 861 Receiving Advice               | Version 3030 |
| • 865 P.O. Change Acknowledgement    | Version 2003 |
| • 997 Functional Acknowledgement     | Version 3030 |

The 820 (Remittance Advice) is issued when a check is issued indicating the payment amount and the invoice data supporting this payment.

The 824 (Application Advice) reports errors of content in the file received from Federal Mogul.

The 830 (Material Release) is used for planning only. The 830 is an optional transaction set. The 830 is transmitted either weekly or monthly depending on the agreement between the supplier and the Federal Mogul inventory analyst.

The 850 (Purchase Order) daily release schedule.

The 855 (Purchase Order Acknowledgement) is used to acknowledge the receipt of the 850 and to accept it with or without changes.

The 856 (ASN) is required to arrive at the warehouse before the shipment. Most warehouses retrieve ASNs once a day and the cut-off time is midnight eastern time.

The 860 (Purchase Order Change) changes, cancels, or reinstates a previously received 850.

The 861 (Receiving Advice) is a discrepancy report providing information to notify the supplier when the ASN data are not the same as the data recorded by Federal Mogul when the shipment is received.

The 865 (Purchase Order Change Acknowledgement) is used to acknowledge the receipt of the 860 and to accept it with or without changes.

The 997 (Functional Acknowledgement) is used to print functional acknowledgements received from Federal Mogul.

## **Miscellaneous Information**

Federal Mogul places data in the supplier's mailbox by 3:30 a.m. daily. Federal Mogul receives data from the mailbox seven times a day (approximately every three hours).

ERS suppliers are paid from the ASN. All other suppliers are paid from the paper invoice.

# Security

## Communication Method

Federal Mogul 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
<p>OEM .....  Company .....</p> <p>Auto Print .....  Auto Process.....  Auto 997.....  Days To Archive.....</p> <p>F4=Prompt    F12=Cancel</p>	

- Auto Print (Y/N) - Enter "Y" if using AutoReceive and Breakdown (scheduled through ACM), to perform an automatic Print after the Breakdown. Enter "N" if not using AutoReceive, or, if using AutoReceive and Breakdown, if the Print option is not to be run automatically after the Breakdown.
- Auto Process (Y/N) - Enter "Y" if using AutoReceive 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 AutoReceive, or, if using AutoReceive, 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 options to “Split” and “Breakdown” a file received from Federal Mogul and when ASNs are transmitted. The Identification Code File is used differently by different OEMs.

```
Company Number - xx
OEM Code - FM
Plant ID - Your Supplier Code

OEM ID - Federal Mogul's DUNs Number (006557045)
Corporate ID - Your DUNs Number
Remit to Duns Number - Not used by Federal Mogul
VAT Code - Tax ID
Transmission Mode - P
Smart Labels - N
Pallet Staging - N
Bar Code File Transfer - N
Variable Unwrap Print - N
Automatic print of 997 - N
AutoMap - N
```

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

Errors that occur during the Breakdown that indicate a code is missing from the Identification Code File are referring to the Plant ID field.

The Corporate ID entered in this file is retrieved to be transmitted in the 855 and 865 files.

## Model Year

Federal Mogul does not send model year. Therefore, the Requirement Master and Price Master must be set up leaving the Model Year field blank.

## CUM Required Prior

Federal Mogul does not send CUM required prior, so it must be entered manually before going live so the system can include ahead or behind figures in the package quantity. The CUM required prior is entered using the option Enter Manual Requirements. CUM required prior can be entered using F5 from the entry screen or it may be entered directly on the Header Screen.

## Parts Cross Reference Set-up

### Part Cross Reference Maintenance Screen

PART CROSS REFERENCE MAINTENANCE	
Company .....	xx
Customer Abbreviation .....	_____
Customer Part Number .....	_____
Destination Abbreviation ...	_____ (0)
Bar Code Part Number .....	_____
Internal Part Number .....	_____
Part Description .....	_____
Part Weight (5 dec) .....	_____
OEM Misc Information .....	_____
User Defined .....	_____
Shipping Warehouse .....	_____
Shipping Location .....	_____
DR Account .....	_____
Consignee Warehouse .....	_____
CR Account .....	_____
Consignee Location .....	_____
Section Number ...	_____
Country of Origin .....	_____
Rule Number .....	_____
Harmonised System Code ...	_____
Origin Criterion .	_____
F1=Help F12=Return	

The Country of Origin is required and must be two characters.

## Destination File Set-up

### Maintain Destination Master File Screen

MAINTAIN DESTINATION MASTER FILE	
Company Number .....	_____
Destination Number .....	_____
Name 1 .....	FEDERAL-MOGUL CORP
Name 2 .....	_____
Address 1 ..	_____
Address 2 ..	_____
Address 3 ..	_____
City/State ..	_____
Zip Code ...	_____
Country ....	_____
Arrival/Ship Dates (A/S) .....	_____
Delivery Travel Time (Hrs/Min) .....	_____
Delivery Travel Time (Days) ..	_____
Bar Code Verif (Y/N) ...	_____
Available Ship Days (X = Select)	_____
S _ M _ T _ W _ H _ F _ S _	_____
Print Invoices (Y/N) ...	_____
Payment Type: Coll _ PP _ PPI _	_____
FOB .....	_____
Distributor Code ..	_____
Ford Dest Code .....	_____
ASN (E/C/M/O/U/Y) .....	_____
GM Msg/Temp Msg Code ...	_____ / _____
GM Standard Loc .....	_____
Carrier Preference .....	_____
Route Code .....	_____
Honda Destination .....	_____
Supplier Type (P/S) ....	_____
ASN Unit of Measure ....	PC
JIT Location (Y/N) .....	_____
F1=Help F12=Return	

Enter "Federal-Mogul Corp" in the Name 1 field to be returned in the ASN file. The hyphen is required.

Enter the ship-to number in the Ford Dest Code field to be returned in the N1\*ST segment of the ASN file. Ship-to numbers are the following:

- 0100 - Jacksonville, AL; Marysville, KY
- 0200 - Port Everglades, FL

The ASN Unit of Measure must be "PC."

## Requirement Master - Process P.O.s

REQUIREMENT MASTER ENTRY										
Company xx	Customer xxxxx	Part xxxxxx	Destination xxxxxx MY							
Customer Part # ....						OEM Code .....				
Supplier Code .....						OEM Division ...				
Customer # .....						Destination # .....				
Commodity Code .....						Unit of Measure ...				
Controlling Source .						Price Code .....				
Dock Code .....						Trailer Capacity ..				
Container Part # ...						Package Quantity ..				
MRP					Reports					
866 _ 862 _ 830 _ 850 _					866 _ 862 _ 830 _ 850 X 866 _ 862 _ 830 _ 850 _					
Process P.O.s Y										
Planner # .....					Balance Out Code ...			Product Code .		
Weekly Ship Code .					Final Release Code .			Analyst # ....		
User #1 ..					User #2 ..					
User #3 ..	.000000									
Remarks ..										
F1=Help      F7=OEM Info      F8=REQB      F9=REQC      F10=Delete F11=File Maint      F12=Return      F19=Fab/Mtl      F20=Special Process										

The Process P.O. flag must be marked "Y" to process Purchase Orders (850s) into the Requirement Detail (B) file.

The 850 report flag must be marked to process purchase orders (850s) into the Load File.

## Requirement Master - Clear Flags

The requirement master clear flag must be marked for the 830 only. This is subject to change, based on the files Federal Mogul transmits to your company.

```

866 862 830 850
_ _ X _

```

Note: Do not select clear flags with "X" if requirements are transmitted only once for any given transaction set.

## Requirement B Record

The release number is received on the 830 in the BFR02 segment. The release number is a combination of the release date and supplier code. The Release Number field is populated in YY/MM/DDxxxxx format, where "xxxxx" is the supplier code. The Release Number field is only 10 positions, and therefore, the last

digit of the supplier ID is dropped during the "Process" and the remaining data are processed into the Release Number field of the requirement B record.

## Container File Set-up

MAINTAIN CONTAINER MASTER FILE	
Company Number .....	_____
Container Number .....	_____
Customer Abbreviation .....	_____
Destination Abbreviation ...	_____
Customer Container Number .....	_____
Internal Container Description .....	_____
ASN Container Desc / Container Desc ...	CAS71 / _____
Returnable Container (Y/N/X) .....	_____
Print Ctn on Separate Line (Y/N) .....	_____
Relieve Inventory (Y/N) .....	_____
Use BOM/Dunnage Information (Y/N) .....	_____
Container Weight (5) .....	_____
Print/Extract BOM (Y/N) .....	_____
Multiple Line Items/Container (Y/N/M) ..	_____
Combine Partial Containers (Y/N) .....	_____
F1=Help F12=Return F13=BOM Maintenance F14=Cum Shipped	

The ASN Container Description must be "CAS71."

## 830 Planning Requirements

The 830 is used for planning and is an optional transaction set. The 830 is transmitted either weekly or monthly, depending on the agreement between the supplier and the Federal Mogul inventory analyst.

If the supplier decides not to receive the 830, contact Federal Mogul and request that the 830 not be sent. If Federal Mogul continues to send the 830 and the supplier does not want to use it, the supplier can leave the 830 report flag blank on the requirement master.

## Federal Mogul Shipping Requirements

All parts with the same part number on one shipper must use the same container type, so the bar code serial number can be matched to the correct line of the ASN.

Partial cases require a separate line item.

## EDI Code File

### 830 Type Codes

- D - Planning

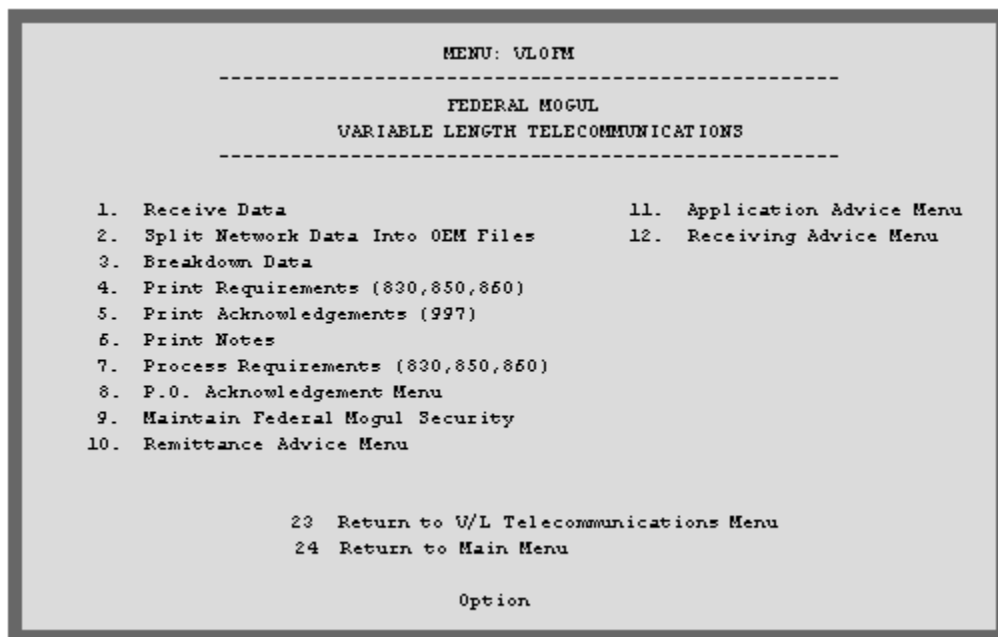
### 830 Frequency Codes

- M - Monthly

### 850 Type and Frequency Codes

Federal Mogul does not use type or frequency codes for the 850. AutoRelease requires type and frequency codes to add or change manual requirements. The system assigns type "C" (firm) and frequency "D" (daily) to the 850 requirements. Enter "CD" in the EDI Code file.

## VL0 Menu



```

      MENU: VL0PM
-----
      FEDERAL MOGUL
  VARIABLE LENGTH TELECOMMUNICATIONS
-----

1.  Receive Data                      11. Application Advice Menu
2.  Split Network Data Into OEM Files 12. Receiving Advice Menu
3.  Breakdown Data
4.  Print Requirements (830,850,860)
5.  Print Acknowledgements (997)
6.  Print Notes
7.  Process Requirements (830,850,860)
8.  P.O. Acknowledgement Menu
9.  Maintain Federal Mogul Security
10. Remittance Advice Menu

23 Return to U/L Telecommunications Menu
24 Return to Main Menu

      Option
```

Many options are identical from trading partner to trading partner. Those options are explained in the AutoRelease manual. Only options unique to this trading partner, exceptions, or unique business practices are explained in this document.

### Print Requirements (830, 850, 860)

(Option 3 on the VL0 Menu)

Data that is printed on the Federal Mogul Requirement Edit List but is not processed is the following:

- Packaging (transmitted in the PKG05 segment)

- Lead Time (transmitted in the REF03 segment)
- Ship Time (transmitted in the SHP segment)
- Ship Pattern (transmitted in the SHP segment)
- Past Due Date (transmitted in the ATH segment)
- Past Due Net (transmitted in the ATH segment)

## Purchase Order Print Report

This report lists data received on the 850 that is not printed on the Edit List, such as terms, type code, ship to, and bill to addresses.

## Print Notes

(Option 5 on the VL0 Menu)

This option is used to print notes transmitted in the NTE segment from Federal Mogul. The Transaction Set Audit Report that prints during the Breakdown indicates if notes were received.

The Notes print when the Print Requirements option is taken. They can be reprinted using this option.

The company selection is displayed if the user has authority to multiple companies.

## Print Method

Print Method: Mandatory

Federal Mogul is coded to use the mandatory "Print" method, which affects the Breakdown, Print, and Process options.

## VL35 Menu

```

      MENU: VL35IM
-----
      FEDERAL MOGUL
      P.O. ACKNOWLEDGEMENT MENU
-----

      1. Maintain Purchase Orders
      2. List Purchase Orders
      3. Create/Transmit P.O. Acknowledgements
      4. Reactivate P.O. Acknowledgements
      5. Purge P.O. Acknowledgements

      23. Return to U/L Telecommunications
      24. Return to Main Menu

      Option __

```

## P.O. Acknowledgement Overview

(Option 7 on the VL0 Menu)

This option displays a list of Purchase Orders (850s) and Purchase Order changes (860s) received from Federal Mogul. An 850 or 860 record can be selected to be maintained to create a Purchase Order Acknowledgement (855) or a Purchase Order Change Acknowledgement (865) to be transmitted to Federal Mogul.

Acknowledgement data (acknowledgement purpose, seller's order number) can be entered on the P.O. Header Maintenance screen. Individual line items may be selected to enter the change reason, new quantity, and delivery date.

When the Create/Transmit P.O. Acknowledgements option is taken, the 855 and/or 865 is created.

When 855s and/or 865s are purged, the 850 and 860 data are also removed from this work file and no longer display on the maintenance screen. This does not affect the Requirement Detail (B) records.

## Maintain Purchase Orders

(Option 1 on the VL35 Menu)

### P.O. Header Maintenance Screen

PURCHASE ORDER MAINTENANCE	
Action Code .....	_
Supplier ID .....	_____
Acknowledgement Purpose .....	__
P.O. Number .....	_____
P.O. Date .....	_____
Release Number .....	_____
Sellers Order Number ...	_____
Terms Type Code ..	_____
Terms Discount ...	_____
Discount Due Date ..	0/00/00
Discount Days Due ..	_____
Net Due Date .....	0/00/00
Net Days Due .....	_____
F12=Return	

- Acknowledgement Purpose - A two-position purpose code that can be changed. Valid codes are the following:
  - AK - Items accepted, no charge
  - IC - Items accepted, charge
- Seller's Order Number - Optional. Enter the supplier's in-house number representing this order.

All other fields on this screen are displayed from the data received from Federal Mogul and cannot be changed.

The Line Item Maintenance Screen displays, on which the change reason, new quantity, and delivery date can be entered. Other data received from Federal Mogul is displayed and cannot be changed.

### Line Item Maintenance Screen

FEDERAL MOGUL	
PURCHASE ORDER MAINTENANCE	
P.O. Line Number ....	1
Change Reason.....	__
Quantity.....	293 PC
Requested Date .....	3/20/xx
Unit Price .....	
Customer Part Number..	CS1014R
Part Description ....	
Brand/State Code ....	0211
Code	Description
X	PRODUCT FLAG
0100	FEDERAL-MOGUL WAREHOUSE CODE
X	PRODUCT FLAG
0100	FEDERAL-MOGUL WAREHOUSE CODE
X	PRODUCT FLAG

- Change Reason - A two-position purpose code that can be changed. Valid codes include the following:
  - IA - Accepted
  - IQ - Change Qty
  - DR - Change Date
- New Quantity - The quantity required by Federal Mogul is displayed in the Quantity field. If this quantity cannot be delivered, enter the new quantity in this field.
- Delivery Date - Federal Mogul's requested date is displayed in the Requested Date field. If this date cannot be met, enter the delivery date.

All other fields on this screen are displayed from the data received from Federal Mogul and cannot be changed.

### F21 - Print

Press F21 from the Purchase Order Selection screen to access the P.O. Acknowledgement Listing screen.

```

                                P.O. ACKNOWLEDGEMENT LISTING

Enter the following or leave blank for ALL:

Transaction Type (850/860) . ____
Issuer ID ..... _____
Destination ID ..... _____
From To
Purchase Order Number ..... _____
PO Date ..... _____

Options: 1=Select
          Opt Transmit Codes
          _ 0 - Original
          _ H - Held
          _ T - Transmitted

F3=Exit

```

- Trans Type - Enter the transaction set type (850 or 860), or leave blank for all.
- Issuer ID - Enter the Issuer ID to limit the printout to a specific issuer. Leave blank for all.
- Dest ID - Enter the Dest ID to limit the printout to a specific issuer. Leave blank for all.
- Purchase Order Number - Enter a Purchase Order Number to print data for a specific purchase order only.
- Hold/Open/Transmitted - Enter the status of the Purchase Order to be included on the list. Valid codes include the following:
  - H - Hold
  - O - Open
  - T - Transmitted

The Purchase Order Print lists all data that is displayed on the Purchase Order Maintenance window, plus the following fields:

- Issuer ID
- Destination ID
- Release Number
- Release Date
- Reference Number
- Contract Number
- Tax Identification Number
- Route Code
- Mode of Transportation
- Route

## Create / Transmit P.O Acknowledgement

This option creates the Purchase Order Acknowledgement (855) file from the Purchase Order file that has been maintained.

A screen will prompt for company number to verify security.

### Create / Transmit 855 Screen

```
CREATE AND TRANSMIT P.O. ACKNOWLEDGEMENTS

Transmission Number..... 040510084
Purchase Order Number.....          (Leave blank for ALL)

F3=Exit F4=Prompt
```

- Transmission Number - The default value is based on the MONTH-DAY-TIME. This is a batch number and cannot be repeated in the same model year. This default number can be changed. A report prints indicating the transmission number entered so that a record can be kept of the transmission numbers used. A number is not considered used until a successful electronic transmission takes place.
- Purchase Order Number - Enter a Purchase Order Number to create an 855 file for only one Purchase Order. Leave blank and press Enter to create an 855 file for all Purchase Orders with a status of "O" (Open).
- F4 - Prompt - Displays all available records that can be included in this file.

## Reactivate P.O. Acknowledgements

This option is used to change Purchase Order Acknowledgement records with a status of "T" (Transmitted) or "H" (Hold) to "O" (Open), so they can be transmitted again.

A screen will prompt for company number.

### Reactivate Screen

```
REACTIVATE FEDERAL MOGUL P.O. ACKNOWLEDGEMENTS

Enter the following or leave blank for ALL:

Transaction Type .....
                        From      To
Purchase Order Number .....
P.O. Date .....

F3=Exit
```

- Transaction Type - Enter "T" (Transmitted), "H" (Hold), or leave blank for all.

- Purchase Order Number - Enter a range of Purchase Order Numbers, or leave blank for all.
- P.O. Date - Enter a range of P.O. Date numbers, or leave blank for all.

Press Enter. All records in the Purchase Order Acknowledgement file matching the selection criteria are reactivated. The transmit code is then changed to "O." A report prints listing the records that were reactivated.

## Purge Transmitted P.O. Acknowledgements

This option removes transmitted Purchase Order Acknowledgements from the file (VPX55AFM) and prints a list of the purged records.

The company selection will be displayed if the user has authority to multiple companies.

### Purge Screen

PURGE FEDERAL MOGUL P.O. ACKNOWLEDGEMENTS

Transaction Type (blank=All) ..... \_\_\_\_

All transmitted P.O. Acknowledgments  
before this ship date will be purged ..... \_\_\_\_\_

F3=Exit

Enter the transaction set type (850 or 860), or leave blank for all. Press Enter. All records in the Purchase Order Acknowledgement file matching the selection criteria are reactivated. The transmit code is then changed to "O." A report prints listing the records that were purged.

## VL36 Menu

MENU: VL36FM

-----

FEDERAL MOGUL  
REMITTANCE ADVICE MENU

-----

1. Display Remittance Advice  
2. List Remittance Advice  
3. Purge Remittance Advice

23. Return to U/L Communications Menu  
24. Return to Main Menu

Option \_\_\_\_

## Remittance Advice Overview

(Option 1 on the VL35 Menu)

This Remittance Advice Menu (VL36FM) is used to display, print, and purge the Remittance Advice (820) file received from Federal Mogul. The 820 is issued when a check is issued indicating the payment amount and the invoice data supporting the payment, such as the invoice numbers, part numbers, quantities, Purchase Order Numbers, and so on. When Remittance Advice data are no longer current, they may be purged.

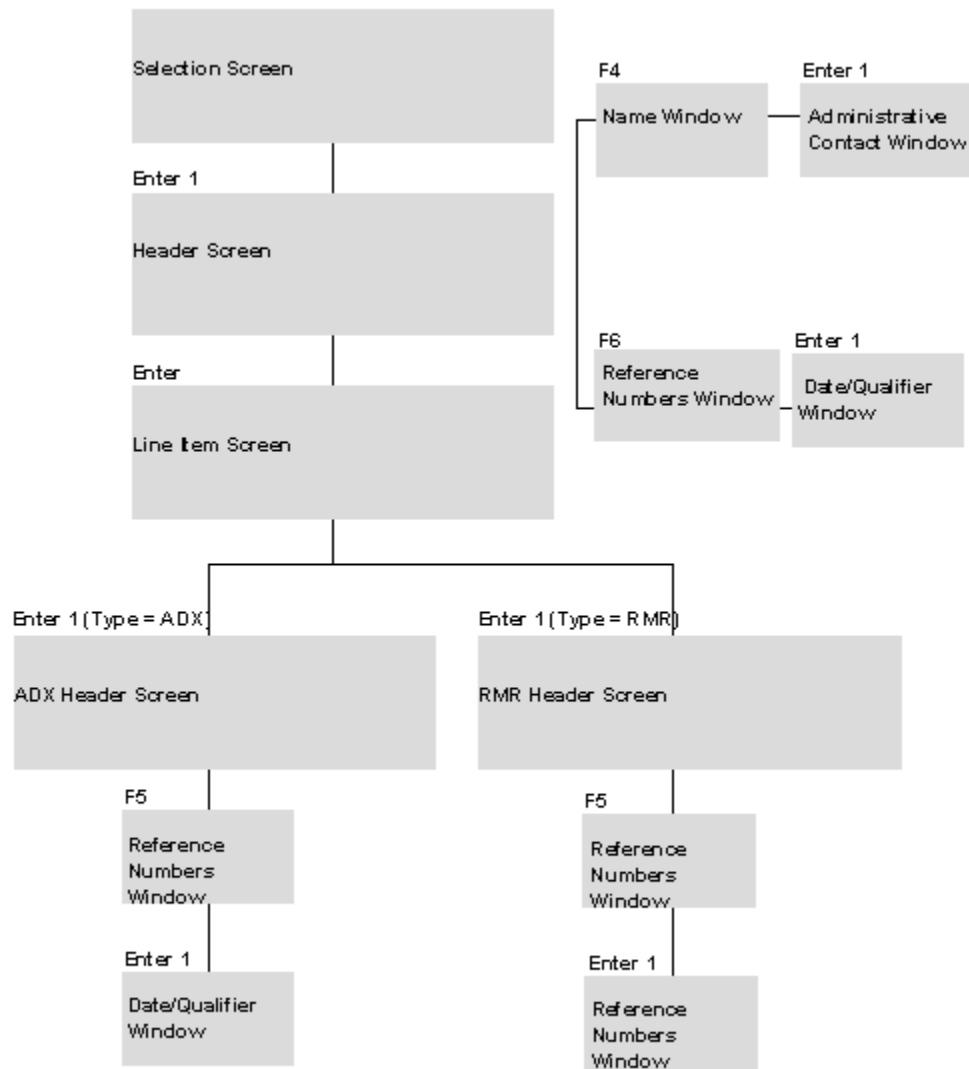
The following are the two types of 820s:

- ADX - Displays information pertaining to a credit.
- RMR - Displays information pertaining to a shipper.

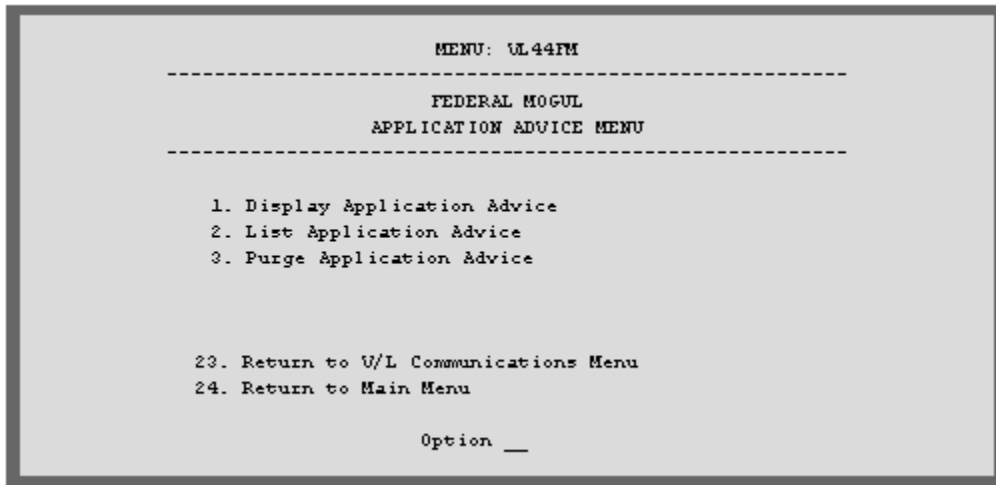
The Transaction Sets Received Audit Report, which prints during the "Breakdown," identifies the transaction sets received by each company.

During the "Breakdown," all data received in the 820 is placed in the universal remittance advice files: VPX820A - VPX820K.

## Remittance Advice Pictorial Overview



## VL44 Menu



```

      MENU: VL44FM
-----
      FEDERAL MOGUL
    APPLICATION ADVICE MENU
-----

    1. Display Application Advice
    2. List Application Advice
    3. Purge Application Advice

    23. Return to V/L Communications Menu
    24. Return to Main Menu

      Option ____

```

## Application Advice Overview

(Option 10 on the VL0 Menu)

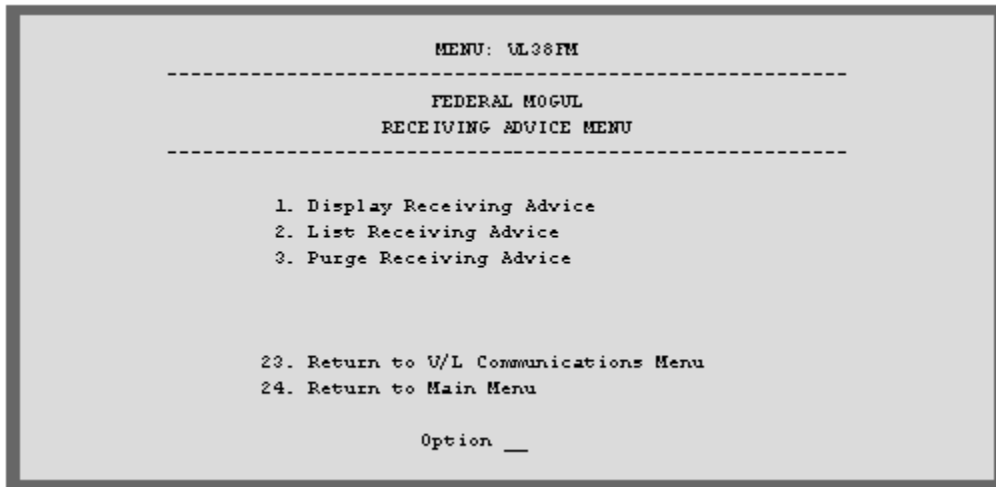
This Application Advice Menu (VL44FM) is used to display, print, and purge the Application Advice (824) file received from Federal Mogul. When Application Advice data is no longer current, it may be purged.

The Application Advice reports errors of content in the file received from Federal Mogul. An Application Advice indicates that the transmission was accepted with errors or that the transmission was rejected.

The Transaction Sets Received Audit Report, which prints during the "Breakdown," identifies the transaction sets received by each company.

During the "Breakdown," all data received in the 824 file is placed in the universal Application Advice Files: VPX824A - VPX824H.

## VL38 Menu



```

      MENU: VL38FM
-----
      FEDERAL MOGUL
      RECEIVING ADVICE MENU
-----

      1. Display Receiving Advice
      2. List Receiving Advice
      3. Purge Receiving Advice

      23. Return to U/L Communications Menu
      24. Return to Main Menu

      Option ____

```

## Receiving Advice Overview

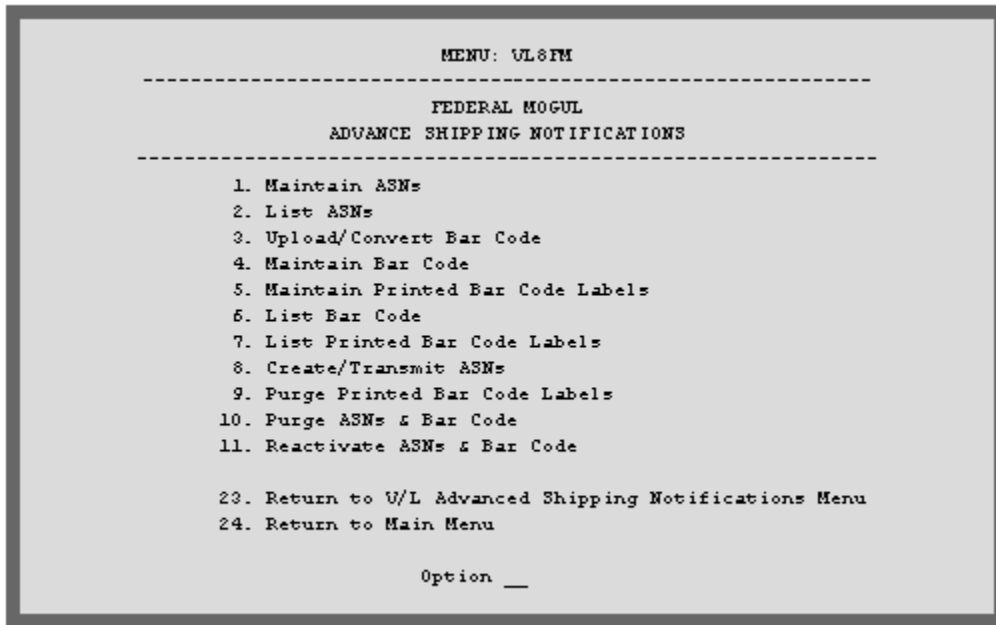
(Option 11 on the VL0 Menu)

This Receiving Advice Menu (VL38FM) is used to display, print, and purge the Receiving Advice (861) file received from Federal Mogul. The 861 is a discrepancy report providing information to notify the supplier when the ASN data are not the same as the data recorded by Federal Mogul when the shipment is received. Discrepancies are not processed into the Requirement or Load Files. Adjustments must be made manually (when necessary) from the Manual Requirement/Shipping Adjustments Menu (RC8). When Receiving Advice data is no longer current, it may be purged.

The Transaction Sets Received Audit Report, which prints during the "Breakdown," identifies the transaction sets received by each company.

During the "Process," all data received in the 861 file is placed in the universal Receiving Advice Files: VPX861A - VPX861H.

# ASNs



```

      MENU: VL8PM
-----
      FEDERAL MOGUL
  ADVANCE SHIPPING NOTIFICATIONS
-----
      1. Maintain ASNs
      2. List ASNs
      3. Upload/Convert Bar Code
      4. Maintain Bar Code
      5. Maintain Printed Bar Code Labels
      6. List Bar Code
      7. List Printed Bar Code Labels
      8. Create/Transmit ASNs
      9. Purge Printed Bar Code Labels
     10. Purge ASNs & Bar Code
     11. Reactivate ASNs & Bar Code

     23. Return to U/L Advanced Shipping Notifications Menu
     24. Return to Main Menu

      Option ____

```

Traditionally coded trading partners use a VL8xx menu (where “xx” is the OEM code) to transmit ASNs to the trading partner. Many options are identical from trading partner to trading partner. Those options are explained in the AutoRelease Manual. Only options unique to this trading partner, exceptions, or unique business practices are explained in this document.

## Maintain ASNs

(Option 1 on the VL8 Menu)

### ASN Cancellation Procedure

If the shipment has been received by the warehouse, call the warehouse to cancel the ASN. If the shipment has not been received by the warehouse, an original ASN with an alpha suffix in the Bill of Lading field may be sent.

## ASN Maintenance Screen

ASN MAINTENANCE		
Sequence number	Company xx	Action Code 0
Shp# .....	Shp# Alpha Suffix. ....	OEM ..... FM
Ship Date....	ASN ..... C	Cust Abrv .
Ship Time....		Dest Abrv .
Qty Shp.....	Container Qty ..	Equip Desc. TL
Net Req.....	Cont Desc..... C&S71	
Order Qty...	Ship Complete... -	
Unit of Mea. _	Brand & State ..	
Ship To #..		
Ship To ID.		
Plant ID...	In-House Prt#	
P.O. # ....	Cust Prt # ...	
P.O. Date .	Product Flag .	
F12=Return		

- Sequence # - Assigned by the system.
- Company Number - Displays the company number that was previously entered.
- Action Code - The action code places the corresponding two-digit code in the BSN 01 segment of the ASN file. Valid action codes are the following:
  - O - Original 00
  - H - Hold Record will not be included in transmission
  - V - Advisory 14

Many fields on the ASN Screen default from various master files. However, most of them can be changed at shipper entry time.

- Shipper # - Shipper number assigned by the system when the shipper was created.
- Shipper # Alpha - This is used for correcting an ASN when an 824 is received indicating there are errors. Enter the shipper number with an alpha suffix added to the end.
- Example: If the Shipper number was "12345," change the shipper number to "12345A" and re-send it.
- OEM - "FM" for Federal Mogul.
- Ship Date - Date of shipment in MONTH-DAY-YEAR format. Defaults from shipper entry time.
- ASN - Defaults from the Destination Master. The ASN code can be changed at shipper entry time. Federal Mogul uses the ASN code "C" for variable length with bar code.
- Cust Abbrev - User-assigned abbreviation that must be entered in the Machine Readable file to return the correct customer code on the ASN.

- Ship Time - Time entered at shipper entry time (HHMM) in military format. If no time was entered, the ship time defaults from the system time when the "Extract" option is taken.
- Dest Abbrev - User-assigned abbreviation that must be entered in the Machine Readable file to return the correct destination code on the ASN.
- Qty Ship - Number of pieces shipped.
- Cont Qty - The number of containers, which is calculated by dividing the quantity shipped by the package quantity entered in the Requirement A record. It can be changed at shipper entry time.
- Equip Desc - The Equipment Description further describes the Conveyance Code. Federal Mogul accepts only "TL."
- Net Req. - The net requirement is the quantity remaining to be shipped for this order.
- Cont Desc - Federal Mogul accepts only "CAS71." This container description cannot be changed.
- Order Qty - The original order quantity from the 850.
- Ship Complete - Displays only for 850 requirements. The default is N." The requirement remains in the Requirement and Load Files to be shipped complete at a later time, or until it is deleted. Enter "Y" if this shipment completes the order. If this was a partial shipment, the remaining quantity is removed from the Requirement and Load Files during the Extract.
- Brand & State - A Federal Mogul-defined code received in the 850 file describing the packaging type. This code can be viewed only on the ASN Maintenance screen. It is returned in the PKG segment. Valid codes are the following:
  - 0101 - Bulk Product
  - 0211 - Packaged Product
- Some suppliers may have other packaging codes as received in the 850 file.
- Unit of Measure - Defaults from the ASN Unit of Measure field in the Destination Master. It can be changed at shipper entry time.
- Ship To # - The ship-to number defaults from the Ford Dest Code field in the Destination File. Valid ship-to codes are the following:
  - 0100 - Jacksonville, AL; Maysville, KY
  - 0200 - Port Everglades, FL
- Ship to ID - Defaults from the Intermediate Destination field at shipper entry time and is transmitted in the N1\*ST segment if an intermediate destination was entered.
- Plant ID - Supplier code assigned by Federal Mogul. Entered in the Supplier Code field in the Requirement Master and Plant ID field in the Identification Code File.
- In-House Part# - Internal part number entered in the Parts Cross Reference File.

- P.O. Number - Purchase Order Number. Defaults from the Requirement Detail (B) record.
- Customer Part# - Federal Mogul's part number.
- P.O. Date - Purchase Order date issued by Federal Mogul. Defaults from the Requirement Detail (B) record.
- Product Flag - A Federal Mogul-defined code received in the 850 file. Returned in the LIN segment of the ASN file.

## F7 - Add Miscellaneous Charge

Press F7 with the Sequence Number field blank from the header screen to access the Miscellaneous Charge screen. From this screen, users can add a Miscellaneous Charge after the Extract and before the ASN Create.

If Miscellaneous Charge data was entered at shipper time, and the sequence number is entered, the Miscellaneous Charge screen displays with the data extracted from the Shipping files, and this data can be changed before creating the file to be transmitted to Federal Mogul.

Additions entered or changes made at this time, must be added to or changed in the Accounts Receivable Interface, as the interface file has already been created during the Extract.

### Miscellaneous Charge Screen

ASN Miscellaneous Charge Maintenance			
Sequence number	ASN	Company	Action Code T
172		xx	
-----			
Shp# ..... _____			
Allowance or Charge.. C			
AIAG Code.... _____			
Quantity..... _____			
Unit Price(6) . _____			
Description.. _____			
Please Note **-(Changes made to miscellaneous charges on this screen will not be reflected in your Accounts Receivable package. Manual adjustments should be made to A/R if you add, change or delete Miscellaneous Charges here.)			
F10=Delete F12=Return			

- Sequence # - Assigned by the system.
- Company Number - Displays the company number that was previously entered.
- Action Code - The action code places the corresponding two-digit code in the BSN 01 segment of the ASN file. Valid action codes are the following:
  - O - Original 00
  - V - Advisory

- H - Hold Record will not be included in transmission
- Shp# - Shipper number.
- Allowance or Charge - "A" for "Allowance" or "C" for "Charge."
- AIAG Code - Either a charge code or a clause number is required. Acceptable charge codes are the following:
  - FC - Freight Charge
  - PN - Pallet Charge
  - SC - Surcharge
  - ZZ - Mutually Defined
- Leave blank if there is a clause number associated with this charge, entered in the Description field.
- Quantity - Number of units used to calculate the extended price.
- Unit Price (6) - Unit price entered to six decimal places. If entering decimal positions, enter the price with the decimal point and up to six decimal positions. If entering a whole number (no decimal places), it is not necessary to enter the decimal point.
- Description - Enter a free-form description of this charge.

## Maintain Bar Code

(Option 4 on the VL8 Menu)

This option is used to add, change, or delete bar code records. The information in this file must match the corresponding shipper and ASN. If scanning ability is not available, bar code data may be entered manually.

### Bar Code Maintenance Screen

- Label Serial Number - Serial number from the bar code label.
- Associated Master/Mixed Serial - The master/mixed serial number associated with this label is retrieved from the SCPBCODE file. This field must be entered whether the label is a master/mixed or single. If this is a master/mixed label, this field matches the Label Serial Number field.
- Label Type - M or 4S - Master Label  
S - Single Label  
G or 5S - Mixed Label
- Package Quantity - The total quantity per label type. If the label type is "M" or "4S," this is the total number of pieces for this master label. If the label type is "S," enter the number of pieces for a single container.
- Customer Part Number - Federal Mogul's part number.

- RAN Number - Receipt authorization number (not used by Federal Mogul).
- Returnable Container - Serial number from the bar code label for the returnable container.
- Purchase Order Number - Not used by Federal Mogul.
- IPP Tag Number 1 - Not used by Federal Mogul.
- IPP Reason Code 1 - Not used by Federal Mogul.
- IPP Tag Number 2 - Not used by Federal Mogul.
- IPP Reason Code 2 - Not used by Federal Mogul.
- OEM (NC/TM)/Label Type - OEM - Not used by Federal Mogul.
- Label Type - Not used by Federal Mogul.
- User Defined Field - Data entered in this field is user-defined and is carried through to the (four fields) VARUPBAR and SCPBCODE files.

## Maintain Printed Bar Code Labels

(Option 5 on the VL8 Menu)

This option is used only if labels are printed using the Smart Label System to add, change, or delete printed bar code labels from the file VARUPBAR that was uploaded from the Smart Label System.

### Bar Code Maintenance Screen

Press Enter from the Bar Code Selection screen to maintain printed bar code labels.

- Supplier Number - Identification code assigned by Federal Mogul.
- Package Quantity - Quantity shipped / scanned.
- Customer Part Number - Federal Mogul's part number.
- RAN Number - Not used by Federal Mogul.
- Purchase Order Number - Not used by Federal Mogul.
- Model Year - Not used by Federal Mogul.
- Date Printed - The date, in MM-DD-YY format, the bar code labels were printed.
- User Defined Field - Data entered in this field is user-defined and is carried through to the (four fields) VARUPBAR and SCPBCODE files.
- OEM (NC/TM)/Label Type - OEM - Not used by Federal Mogul.
- Label Type - Not used by Federal Mogul.

Transmitted (Y/N) - "Y" defaults if the label has been uploaded from the Smart Label System. The Transmitted field and the note that follows display only when displaying an existing record, not when adding a record.

## **Associate Purchase Order Number**

Enter the SCANPOxx ("xx" is the OEM code) Application Control record as shown below. Depending on the entry in the Infor Data field, the Purchase Order may be verified.

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

The Purchase Order Number must be associated with the bar code serial number transmitted in the ASN file. To accomplish this, the Purchase Order Number is associated with master/mixed and individual labels using one of two methods. Both methods involve using the Application Control record (SCANPOXX), but contain different values in the Infor Data field.

### **Label Print Time**

The Purchase Order Number is retrieved from the requirement records at label print time. This method requires "PRINT" or "PRINTVER" in the Infor Data field.

### **Retrieve Purchase Order Number at Label Print Time**

When the individual case label is created, the Purchase Order Number is retrieved from the Requirement B record. The Purchase Order Number is then stored in the VARUPBAR file. The user must associate the individual case label with the master/mixed label using either of the following:

Pallet staging (Single labels are associated with the master/mixed label prior to scanning the shipment.)  
OR

Scan-to-Verify (Scan a master/mixed label followed by the associated single labels. When the singles are associated with the master/mixed, the Purchase Order Number and the quantity are automatically associated with the master/mixed label.) At scanning time, the Purchase Order Number in the Printed Label Data file (VARUPBAR) is uploaded to the Scanned Bar Code file (SCPBCODE). When the ASN create and transmit option is taken, the scanned data from SCPBCODE is used to associate the Purchase Order from the single case label to the master case label (pallet).

# 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 Advanced Communication Module (ACM).

## 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
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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.