



# Infor Caterpillar (P)

## Traditional

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## Table of Changes

Changed By	Date	Reason	Update#	Section Changed
K. Radtke	4/26/16	810 Spec Change	A116042603	Trading Partnership File

# General Information

## Transaction Sets and Versions

The Caterpillar module supports the following transaction sets:

- 810 Electronic Invoice Version 4010
- 820 Remittance Advice Version 4010
- 824 Application Advice Version 3040
- 830 Material Release Version 2040
- 832 Price Catalog Version 3020
- 840 Request for Quote Version 3020
- 843 Response to Request for Quotation Version 3020
- 846 Inventory Advice Version 2001
- 850 Purchase Order Version 3040
- 856 ASN Version 3050
- 860 Purchase Order Change Version 3030
- 861 Receiving Advice Version 3040
- 862 Shipping Schedule Version 2040
- 863 Detail Mill Heat Test Result Version Unknown
- 864 Text Message Version 3040
- 866 Production Sequence Version 4010
- 997 Functional Acknowledgement Version 2040

The 810 (Electronic Invoice) is required to be transmitted to Caterpillar. Shipper and Invoice line items with the same customer part number, Purchase Order Number, and release number are combined into a single line item on the 810.

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 the supplier.

The 830 (Material Release) contains forecast information or planning requirements. It is not authorized ship.

The 832 (Price Catalog) is required to be transmitted to Caterpillar based on the contract with the supplier and Caterpillar.

The 840 (Request for Quote) is sent by Caterpillar for a part quote.

The 843 (Response to Request for Quote) is a response to the requested quote that is transmitted to Caterpillar.

The 846 (Inventory Advice) is used to indicate that Inventory Advices were transmitted from Caterpillar.

The 850 (Purchase Order) is used by Caterpillar for planning, carrier information, FOB, price, price breaks, discounts, and terms. 850s (either manually entered or received electronically) are processed into

the Requirement File only if the Process PO flag in the Requirement Master is marked "Y." If 850s are processed into the Requirement File, the 850 report flag is checked to determine whether or not to process it into the Load File.

The 856 (ASN) is required to be transmitted for each shipment when the truck leaves the plant. Suppliers are paid from the ASN.

The 860 (Purchase Order Change) is used to change a Purchase Order (850). After 860s are processed, the change has been made to the 850. 850 data can be viewed through the Requirement File Status Inquiry. 860 data are contained on the Edit Report that is placed on hold when the "Print" option is taken.

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 Caterpillar when the shipment is received.

The 862 (Shipping Schedule) is firm ship requirements.

The 863 (Detail Mill Heat Test Result) contains the Mill Heat Test Maintenance files.

The 864 (Text Message) is text transmitted to the supplier from Caterpillar.

The 866 (Production Sequence) are actual production build sequences that contain "production linking" requirements.

The 997 (Functional Acknowledgement) is transmitted by Caterpillar to the supplier to acknowledge files received by Caterpillar.

## **Miscellaneous Information**

- Emergency orders are handled via telephone.
- Suppliers are paid from the ASN.
- Multiple parts are printed as one line item on the shipper.

## **Unlimited Company Processing**

The ability to submit up to 500 companies, or "unlimited company processing," is available for the manual or AutoReceive, Breakdown, Print, and Process options. These companies are entered in user profiles. For more information on entering companies in user profiles, see the section "Set Up Security File" in Chapter 11 of the AutoRelease Main Manual.

# Security

## Communication Method

Caterpillar 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 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 Caterpillar. 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 Caterpillar and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

Company Number - xx
OEM Code - P
Plant ID - Supplier Code
 OEM ID - Caterpillar's DUNS with a Facility Code Suffix*
Corporate ID - Not used by Caterpillar
Remit to Duns Number - Not used by Caterpillar
VAT Code - Tax ID
Transmission Mode - P
Smart Labels - Y or N
Pallet Staging - Y or N
Bar Code File Transfer - N
Variable Unwrap Print - Y or 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 OEM ID. The "Split" option is used for Caterpillar only if communicating through the GEIS network.

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

### \*Valid Facility Code Suffixes

03 - House Facility/Chem Products (Mossville, IL)	68	- Corinth, MS
11 - Subsidiary Group (Peoria, IL)	74	- MCFA (Houston, TX)
12 - Aurora, IL	80	- Export Packaging
13 - Decatur, IL	82	- Santo Amaro, Brazil
14 - Joliet, IL	88	- Lafayette, IN
16 - East Peoria, IL	89	- Mexico
19 - Corporate Accounts Payable	92	- Inbound Logistics Center (ILC)

25	- Gosselies, Belgium			(Normal, IL)
26	- Melbourne, Australia	94	-	Test Invoice (Accts. Payable)
28	- Piracicaba, Brazil	U2	-	Caterpillar Peterlee Limited
29	- Pontiac, IL	BP	-	Balderson
34	- Leicester, England	DQ	-	Clayton, NC
35	- Grimbergen, Belgium	DR	-	Barber Greene (Dekalb, IL)
36	- Geneva, Switzerland	EN	-	Leland Transmission (Leland, NC)
37	- Grenoble, France	EO	-	ACT Group (Rockwood, TN)
39	- Central Purchasing (Peoria, IL)	GN	-	Greenville Plant (Fountain, SC)
40	- Mossville, IL	HL	-	Prentiss, MS
41	- Tech Center (Mossville, IL)	HP	-	Dreysbur, TN
47	- Morton, IL	HO	-	Elphinstone, Tasmania, Australia
66	- SCM (Sagami, Japan)	IK	-	Franklin, NC
JI	- Morganton, NC	JA	-	Sanford, NC
JS	- Danville, KY	JL	-	Sumter, NC
N5	- PT Natra Raya, Indonesia	N4	-	Engine Division (Mossville, IL)
U9	- Indirect Material (Peoria, IL)	T3	-	Solar Turbines Inc (San Diego, CA)

## Trading Partnership File

The Trading Partnership File is used to enter data used in the “enveloping” of the electronic file being transmitted instead of using the Identification Code File and the hard-coding within the programs. When a trading partner changes its enveloping, users may change the enveloping in the Trading Partnership File, instead of waiting for a program change.

Press F14 (Trading Partnership file) after entering the appropriate data in the Identification Code File.

Steps to create default values:

1. Press F6 (Add) from the ISA list screen.
2. Enter optional abbreviations or leave blank if all customers and destinations for this company, OEM, and supplier code are the same.
3. Note: Caterpillar requires a separate record for each destination. The first record created is a template and is copied and modified to create each required record.
4. Press Enter.
5. Enter the code representing the data format ("A" for ISA).
6. Press Enter. The ISA detail screen displays.
7. Press F7 (Infor defaults):

Three ISA records are created (the Production ASN Record is used for both 810s and 856s; the Price Catalog Record is used for the 832, and the Response to Quote is used for the 843).

Two GS records are created for the Production ASN Record (810, 856).

One GS record is created for the Price Catalog record (832).

One GS record is created for the Response to Quote record (843).

### **Production ASN Record**

The production ASN record needs to be copied for each destination. The production ASN record must be copied and modified for the 810. Modifications are needed to the ISA and GS level.

### **Price Catalog Record**

The price catalog record does not need to be copied for each destination. No modifications are needed to the ISA record. No modifications are needed to the GS record except to activate an unwrapped file to be viewed before the transmission.

### **Response to Quote Record**

The response to quote record does not need to be copied for each destination. Modifications are needed to the ISA and GS records. The default for the processing option on the GS detail screen is blank.

1. Press Enter. The ISA list screen displays.
2. The template record must be copied and modified for each Caterpillar destination. Therefore, select each template record one at a time with "3" to copy.
3. Press Enter.
4. Enter the optional Customer and Destination Abbreviations.
5. Press Enter.
6. Select the copied record with "1."
7. Press Enter. The ISA detail screen displays.

**ISA Detail Screen**

VLD9702A	Maintain Trading Partnership File	
Company Number.....	KB	(A) ISA/ (C) ICS/ (E) Edifact: A
OEM Code.....	P	
Supplier ID.....	E5027A0	
Customer Abbrv(O) .....		
Destination Abbrv(O) .....		
User Define Description: PRODUCTION ASN RECORD		
Qualifier/Information		
Authorization: 00		Active (Y) / (N) : Y
Security: 00		
Sender: ZZ	CORP. ID	
Receiver: 09	00507047919	
Hexadecimal Code		
Control Standards ID: U		Sub Element Separator: 5C
Version Identifier: 00200		Data Element Separator: 5C
		Segment Terminator: 15
Computer Generated ISA Control Number:		
F7=Update Infor Defaults F10=GS Level F12=Return		

The production ASN record must be copied and modified for the 810.

Required Changes (Production ASN Record, copied 810 record, and 843 record):

User Defined Description - Enter the name of the destination plant for the 856, 810, or 843 record.

Receiver ID - Enter Caterpillar's DUNS with a facility code suffix.

Required Changes for the European 810 record:

Sub Element Separator - Change to "4C."

Data Element Separator- Change to "5C".

Segment Terminator - Change to "A1."

1. Press F10 (GS Level). The GS list screen displays the four GS records that are created: two for the production ASN records (856 and 810), one for the price catalog record (832), and one for the response to quote record (843).
2. Select each transaction set record one at a time with "1" and press Enter to display the GS detail screen. Default data can be viewed or maintained.
3. GS Detail Screen

VLD9702E	Maintain Functional Identifier	
Company Number.....	KB	
OEM Code.....	P	
Supplier ID.....	E5027A0	
Customer Abbrv(O).....		
Destination Abbrv(O)....		
Transaction Type.....	856	
Functional Identifier:	SH	Non Repeating Transaction
Application Sender:	E5027A0	Control Number:
Application Receiver:	005070479	ST Control#:
Responsible Agency Code:	X	
Version/Release/Industry:	003020	
(T)est/ (P)roduction:	P	
Acknowledge Requested:	N	
Last Date Used:	0/00/00	
Last Time Used:		
Number Times Used:		Processing Option:
Computer Generated Group Control Number:		P=Print Before Sending
F12=Return		

Processing Option - The default is blank if an unwrapped file is not to be viewed before the transmission. Change to "P" to activate an unwrapped file to be viewed before the transmission (optional).

Required Changes for the 856 Records:

Delete the 810 GS record.

Application Receiver - Enter the facility code entered in the OEM Miscellaneous File.

Required Changes for the 810 Records:

Delete the 856 GS record.

Press Enter, then press F12 twice to return to the ISA list screen.

Required Changes for the European 810 record:

Delete the 856 GS record.

Application Receiver - Enter the facility code entered in the OEM Miscellaneous File.

Press Enter, then press F12 twice to return to the ISA list screen.

Required Changes for the 843 records:

Application Receiver - Enter Caterpillar's DUNS with a facility code suffix.

1. Repeat steps 8-11 for each destination.
2. When all destinations have been entered, delete the template record.
3. Press F12 to return to the ISA detail screen.
4. Press F8 (OEM Communications).
5. Enter "1" next to the Advantis record.

## CUMs by Purchase Order (PO)

The supplier is required to track CUMs by Purchase Order for some Caterpillar destinations. This is common among the Caterpillar distribution centers.

Note: The CUMs by PO function cannot be used if suppliers are receiving 866s. Before implementing this functionality, contact Infor Customer Support.

Tracking CUMs by purchase order is activated when the "CUMSPOP" Application Control record is turned on. However, there are additional file entries and conversions that must be completed before the Application Control record is activated, as described below.

Tracking CUMs by Purchase Order for Caterpillar requires several steps:

- Finalize (Extract and Print) all shippers and invoices for Caterpillar.
- Update the Price File.
- Perform Conversion 1--This conversion creates new Requirement A, B, and C records with the Purchase Order Abbreviation in positions 2-4 of the Model Year field.
- Review the Create New Requirement Masters with P.O. Prefix Report and make manual adjustments if necessary.
- Validate CUM values using the Print Ship History/OEM Info Report.
- Activate the CUMSPOP Application Control record.
- Perform Conversion 2--This conversion deletes the deactivated Requirement and Price Files.
- Finalize (Extract and print) all shippers and invoices for Caterpillar, because the key to the Requirement File is changed during Conversion 1, and the old Requirement Files are deleted during Conversion 2.
- Update the Price File if the Price File records for the new Requirement Masters (created during Conversion 1) are to be duplicated. The Price File must be entered with a Customer Abbreviation, Destination Abbreviation, and model year (the Purchase Order Number is optional).

Note: All activity must cease for Caterpillar on the Infor system until Conversion 1 is complete, the CUM quantities in the Requirement A record have been validated, and the Application Control record CUMSPOP has been activated.

Perform Conversion 1--This conversion creates the following:

A new Requirement A record for each Purchase Order.

The dynamically assigned Purchase Order Abbreviation that is associated with the Purchase Order Number is placed in positions 2-4 of the Model Year field. If there is more than one Purchase Order for

the Requirement A record, the CUM required and CUM shipped cannot be determined. Therefore, both CUM quantities are set to zero. The new CUM shipped for these Requirement Masters is blank on the Create New Requirement Masters with P.O. Prefix Report.

- Copies of all Requirement B records for the Purchase Order.
- Copies of all Requirement C records for the Requirement Master. The default Purchase Order is set to equal the Requirement B record Purchase Order.
- Places the new model year in the existing shipping history B records.
- New Load File records for the new model year.
- Copies of all Price File records. (If "Y" is entered on the conversion screen, a copy of the Price File records for that Requirement Master is added with the new Purchase Order/Abbreviation in the Model Year field. The Purchase Order in the Price File must be blank or match the Purchase Order in the Requirement Master.)

Also:

- "DELETE" is placed in the OEM Division field in the Requirement A record of the old Requirement Masters (no Purchase Order Number in positions 2-4 in the Model Year field). The MRP and report flags are changed to contain blanks.
- "DELETE" is placed in the Funds Description field in the old Price File records (no Purchase Order Number in positions 2-4 in the Model Year field).

Warning: If a requirement exists but there are no Requirement B records and no 830 Requirement C records with a default Purchase Order, the Requirement Master is not converted during Conversion 1.

Before running Conversion 1, ensure that the FUTDTALIB and FUTRSLIB libraries are in your library list. From a command line type the following:

```
CALL CONVJTPCL
```

A conversion screen displays.

Enter the companies to be processed

This Conversion will create new Requirement Master A, B and C records for each active P.O. in the current Requirement Masters. The new records will have a P.O. abbreviation added to the model year in positions 2-4. The Shipping History will have the new PO abbreviation added to the model year field in the existing Shipping History records.

The current Price File (for Caterpillar), must be set up with Cust Abbrv, Dest Abbrv and Model Year (the P.O. field is optional). Do not answer the following question with Y, unless your Price File is set up accordingly.

Do you want to convert your Price File records? (Y or blank)

F3=Exit

Enter the company(s) for which to run the conversion.

Enter "Y" to convert the Price File records for the new Requirement Masters that will be created when Enter is pressed. If the Price File records are to be converted, they must be entered with Customer Abbreviation, Destination Abbreviation, and model year before the conversion is run.

When Enter is pressed, the following occur:

- New Requirement A, B, and C records are created for each Purchase Order.
- Model year is placed in the existing shipping history B records.
- New Load File records are created for the new model year.
- All Price File records are copied.
- "DELETE" is placed in the OEM Division field in the Requirement A record of the old Requirement Masters (no Purchase Order Number in positions 2-4 in the Model Year field).
- The MRP and report flags are changed to contain blanks.
- "DELETE" is placed in the Funds Description field in the old Price File records (no Purchase Order Number in positions 2-4 in the model year field).
- During Conversion 1, the Create New Requirement Masters with P.O. Prefix Report prints listing the new Requirement Masters generated during the conversion. This report includes the old and new supplier CUM shipped. If there is more than one active Purchase Order for the Requirement A record, the CUM required prior and CUM shipped cannot be determined, and both CUM quantities are set to equal zero. The "new CUM shipped" for these requirements is blank on the report. Manually adjust the CUM quantities that were set to zero during Conversion 1.
- CUM values must be validated after Conversion 1 is complete. From the Caterpillar AIAG menu (option 11 on the VL0P menu) select the Print Ship History/OEM Info Report option. The Shipping History/OEM Shipping Info Report may be used to compare the CUM required prior against the CUM shipped to check for recent shipments that may be in-transit. Manually adjust the CUM quantities for the new Requirement Masters.
- Once the CUM quantities have been validated and manually adjusted, the CUMSPOP Application Control record must be activated. The Application Control File is accessed from the System Maintenance Menu (RC20).

The CUMSPOP Application Control record is used to create records in a new file that cross references by company number, Customer and Destination Abbreviations, and Purchase Order Number to a unique three-position abbreviation code. When the Caterpillar "Print" option is taken, the Purchase Order Abbreviation is created or retrieved and placed in positions 2-4 of the Model Year field in the Requirement Master.

If there is a new Purchase Order in the file received from Caterpillar, a new Requirement Master must be entered. If a new Purchase Order is received, it is indicated on the Requirement Edit List Errors Report with a message stating the following: "\*NO REQUIREMENT MASTER FOUND\*".

Application Name: \*ALL

Keyword : CUMSPOP

Length: 1

Decimal: Blank

Infor Data: Enter "Y"

- When the CUM information in the “old” Requirement Masters is no longer needed, Conversion 2 may be run. Conversion 2 deletes the inactive Requirement and Price Files.
- The inactive requirement files contain “DELETE” in the OEM Division field, and the Purchase Order Abbreviation is not in the Model Year field.
- The inactive Price Files contain “DELETE” in the Funds Type Description field.

Note: The “old” Requirement Masters may be left on the system for a short time, so that they may be referenced. The report, MRP, and clear flags have been turned off for these Requirement Masters; use caution when performing a mass flag change until the old Requirement Masters are removed.

Before running Conversion 2, ensure that the FUTDTALIB and FUTRSLIB libraries are in your library list. From a command line type the following:

```
CALL CONVDEL 'XX' (xx=company number)
```

The Delete Old Requirement Masters After Conversion Report prints, listing the Requirement Masters that have been removed.

CUMs by Purchaser Order setup is complete.

## **New Customer and Destination for CUMs by Purchase Order**

If CUMs by Purchase Order is used and a new customer and destination are received, the model year on the Requirement Edit Error Report is represented by \*\*\*. Enter the new customer and destination in the Machine Readable Files. Take the Print option again.

The model year for the new customer and destination is printed on the Requirement Edit Error Report. However, the engineering level change is not included in the first position of the model year printed on the report. Enter the Requirement Master with the new customer, destination, and model year. The last digit of the received engineering level change must be entered in the first-position of the Model Year field. Take the Print option again.

## **Machine Readable Destination File - P.O. Destination**

- P.O. Destination - Enter the user-assigned destination number from the Destination File. This finds and prints the destination address on the Purchase Orders.

## **Model Year**

Caterpillar does not send a model year, but Infor uses the Model Year field to represent the engineering change level, the prefix of the P.O., and whether this part is a replacement part.

Caterpillar sends an engineering change level if there is a slight change in the part (color, for example). Requirements are transmitted separately by engineering level and must be shipped as separate line items. “R” is sent by Caterpillar to indicate a replacement part.

The Model Year field contains the following:

Position 1 - engineering change level

First blank position - “R” - representing a replacement part

Caterpillar Production Requirement and Price Files for all destinations must be entered with a model year containing the engineering change level in the first position.

Caterpillar Replacement Requirement and Price Files must be entered with a model year containing the engineering change level in the first position and the next available position containing “R” (replacement).

If the correct model year is not entered, the error report generated when the "Print" option is taken indicates there is no Requirement Master found.

866 Note: If the engineering change level is received in the 830 and requirements are received for the same part on the 866, the model year (engineering change level) must be maintained by entering the second-position of the engineering change level into the first-position of the OEM Misc Info #1 field in the Parts Cross Reference File.

CUMs By P.O. Note: If the CUMSPOP Application Control record is active, the Purchase Order Abbreviation is placed in positions 2-4 of the Model Year field. If "R" was placed in the first open position of the Model Year field to represent a replacement during the Breakdown, the "R" is overlaid by the Purchase Order Abbreviation during the Print.

## Fab and Material CUMs

Caterpillar does not send Fab and Material CUMs. However, the CUMs are calculated by the system using the CUM required prior, plus all requirements through the date(s) sent by Caterpillar in the ATH segment. Fabrication is authorized through the date transmitted in the ATH LM segment. Materials are authorized through the date transmitted in the ATH MT segment.

## CUM Required Prior

Caterpillar does not send CUM required prior. They send CUM received, which is placed in the CUM required prior field. Therefore, it is not necessary to enter a CUM required figure manually before going live. The CUM received that is transmitted will overlay what was entered manually.

The figure in the CUM Required Prior field is used to calculate ahead and behind figures and to round to package quantity. Therefore, it may be necessary to enter the CUM required prior (or CUM received) if entering a Caterpillar manual requirement or while testing. 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.

## Requirement Master - Clear Flags

Separate Requirement Masters are needed for production parts and replacement parts. The Model Year field is appended with "R" for replacement parts.

### Clear with Purchase Order Number

At least one destination (the Berber Greene Caterpillar Plant--as of 2 / 97) must clear requirements by Purchase Order Number. Key fields may be the same except for the Purchase Order Number, and the old and new Purchase Orders may both be valid simultaneously. Do not mark the clear flags for Berber Greene Requirement Masters. Instead, mark the Clear Transaction Set Including Purchase Order flag in the OEM Miscellaneous File with 830.

866 862 830 850

— — — —

In the OEM Misc File: Clear Transaction Set including Purchase Order 830

Note: If any other production destinations begin to send multiple Purchase Orders for the same Requirement Master, the clear flags must be changed to blank and the Clear Transaction Set Including Purchase Order flag must be marked with the transaction set number.

For production parts when the multiple Purchase Order Numbers are not valid for the same Requirement Master, the clear flags (found in the Requirement Master) must be marked as follows:

866 862 830 850  
— X X X

This is subject to change based on the files Caterpillar transmits to your company.

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

For replacement orders (type "R"), clear flags should not be marked.

866 862 830 850  
— — — —

866s--Do not mark clear flags for 866s.

## Clear with Release Number

Some destinations are sending 862 Pull Triggers and must clear requirements by pull trigger reference/release number. Key fields may be the same except for the release number, and the old and new pull trigger reference/release numbers may both be valid simultaneously. Do not mark the clear flags for 862 Requirement Masters for these destinations. Instead, mark the Clear Transaction Set Including Release Number flag in the OEM Miscellaneous File with 862.

For replacement orders (type "R"), clear flags should not be marked.

866 862 830 850  
? — ? ?

In the OEM Misc File: Clear Transaction Set including Release Number 862.

Note: If other production destinations begin to send 862 Pull Triggers, the clear flags must be changed to blank for 862s and the "Clear Transaction Set Including Release Number" flag must be marked with the 862 transaction set number.

## OEM Miscellaneous File

OEM MISCELLANEOUS INFORMATION MAINTENANCE		
Company Number .....	KB	
OEM Code .....	P	
Destination Abbrev ...		
Model Year .....	Clear 830s w/ Purpose Codes	
GM Message File .....	Clear 862s w/ Purpose Codes	
GS ASN/UNH DESADV Ver Lvl.	Combine Daily 866s .....	(Y/N)
Next Avail Adjust # .....	Caterpillar Facility Code ..	
Use DUNS in ISA/UNB Seg... (Y/N)	Caterpillar Proprietary ID	
GM DESADV Packaging Info.. (Y/N)	Caterpillar 830 10-10-10... (Y/N)	
Appl Receiver ID ....	IBM Supplier Code.....	
GM Invoice Message File...	Clear Transaction Set including Purchase Order....	
GM Invoice Location Code..	Clear Transaction Set including Release Number....	
GM Duns in ISA/UNB Seg.... (Y/N)	Process EDI Dock..... (Y/N)	
GS/UNH Invoice Ver. Lvl...	Direct Supply Contract #...	

F1=Help F12=Return

- Caterpillar Facility Code - Enter the ASN-To Number transmitted on 830s to direct the ASN. (Parts may be shipped to one location but the ASN may go to another.) An Exception Report listing these codes prints when the "Print" option is taken.
- Caterpillar Proprietary ID - If transmitting ASNs to Caterpillar directly through CMS, enter the Caterpillar mailbox ID to receive the ASN.
- Clear Transaction Sets including P.O. - These fields are used to clear requirements during the "Process," based on the key to the Requirement Master File, plus the Purchase Order Number. This is needed when multiple Purchase Orders are sent for the same Requirement Master with full files by Purchase Order. Enter the transaction set to be cleared with the Purchase Order Number and do not mark the clear flag for this transaction set in the Requirement Master. Do not mark the same transaction number for both "Clear including PO" and "Clear including Release."
- Enter 830 for the Berber Greene destination. Leave blank for all other destinations.
- Clear Transaction Set including Release - These fields are used to clear requirements during the "Process," based on the key to the Requirement Master File plus the release number. This is needed when multiple release numbers are sent for the same Requirement Master with full replacement by release number such as with 862 pull triggers. Enter the transaction set to be cleared with the release number and do not mark the clear flag for this transaction set in the Requirement Master. Enter 862 for all Caterpillar destinations sending 862 Pull Triggers. Do not mark the same transaction number for both "Clear including PO" and "Clear including Release."

## **Caterpillar 866s**

### **Shift Exception--866s**

Requirements are not shifted. When shipped against during the "Extract," the requirement net quantity is reduced by the quantity shipped and the CUM required is increased by the quantity shipped. If fully shipped, the requirement is removed during the "Extract."

### **Parts Cross Reference File**

Suppliers that do not receive 10-10-10 releases and that receive both 830s and 866s must place the last position of the engineering revision, received on the 830, into the first position of the OEM Miscellaneous #1 field. During the "Print," the last position of the engineering revision is retrieved from the OEM Miscellaneous #1 field and placed in the first position of the Model Year field, so that all requirements are placed in the same Requirement Master.

### **866 RAN**

The job sequence number and the engine serial number are combined by AutoRelease and placed in the RAN field to make the 866 requirements unique from the other requirements.

### **Perform Model Year Change-Over for 866s**

When the model year (engineering change level) is changed by Caterpillar, a model year change-over must be performed.

If the engineering change level is received in the 830 and requirements are received for the same part on the 866, the model year (engineering change level) must be maintained by entering the second-position of the engineering change level into the first-position of the OEM Misc Info #1 field in the Parts Cross Reference File.

The OEM Misc Info #1 field in the Parts Cross Reference File contains the model year as it currently is.

1. Process all 866s for the current model year.
2. Ship all 866s for the current model year until the cut-off date for the new model year (engineering change level) has been reached.
3. Change the current model year to the new model year:
  - a) From the AutoRelease main menu, access the File Maintenance screen, select option 12 (Requirement Master).
  - b) Press Enter.
  - c) Press F4 (Prompt).
  - d) Select the Requirement Master that requires the model year change with 3 (Copy), and press Enter. The Duplicate Requirement Master screen displays.
  - e) Enter the new model year in the Model Year field.
  - f) Mark the Duplicate Requirements field with "Y" and press Enter.
  - g) Select the new Requirement Master with "1" and press Enter.
  - h) The OEM Misc Info #1 field in the Parts Cross Reference File must be updated with the new model year. Press F11 (File Maint). The File Maintenance selection window displays.
  - i) Select the Parts Cross Reference File with "1" and press Enter (three times).
  - j) Enter the new model year in the OEM Misc Info #1 field and press Enter.
  - k) Press F12 (Return).
  - l) Press F3 (Exit).

## **Caterpillar 830 10-10-10**

### **Planning Schedule**

Caterpillar may send an 830 10-10-10 as well as an 830 for some destinations. 10-10-10 refers to 10 days of planning, 10 weeks of planning, and 10 months of planning.

The "Caterpillar 830 10-10-10" field in the OEM Miscellaneous Information File (accessed from the File Maintenance Menu) must be marked with "Y" to accommodate the special processing required by this transaction set.

Caterpillar destinations that send the 830 10-10-10 are the following:

Mossville Facility Code: D0 and 40  
 Greenville Facility Code: 7N and GN

OEM MISCELLANEOUS INFORMATION MAINTENANCE		
Company Number .....	KB	
OEM Code .....	P	
Destination Abbrev ...		
Model Year .....	Clear 830s w/ Purpose Codes	
GM Message File .....	Clear 862s w/ Purpose Codes	
GS ASN/UNH DESADV Ver Lvl.	Combine Daily 866s .....	(Y/N)
Next Avail Adjust # .....	Caterpillar Facility Code .	
Use DUNS in ISA/UNB Seg...	Caterpillar Proprietary ID	
GM DESADV Packaging Info..	Caterpillar 830 10-10-10...	(Y/N)
Appl Receiver ID ....	IBM Supplier Code.....	
GM Invoice Message File...	Clear Transaction Set including Purchase Order....	
GM Invoice Location Code..	Clear Transaction Set including	
GM Duns in ISA/UNB Seg....	Release Number....	
GS/UNH Invoice Ver. Lvl...	Process EDI Dock.....	(Y/N)
	Direct Supply Contract #...	

F1=Help F12=Return

Enter "Y" if the 830 10-10-10 is received. If both the 830 and the 830 10-10-10 are received with the same key, the "regular" 830 is dropped during the "Process" and an exception report prints listing the requirements not processed.

Enter "N" or blank if the 830 10-10-10 is not received. If both the 830 and the 830 10-10-10 are received with this field marked "N," requirements from both transaction sets are processed. This may cause inflated requirements.

## Requirement and Price Files for 830 10-10-10 Destinations

Requirement and Price Files for 830 10-10-10 destinations are entered without a model year.

The 830 10-10-10 does not include an engineering revision number or a reliable Purchase Order Number. However, the engineering revision number and the Purchase Order Number are required to be returned in the ASN (856) file.

The engineering revision number and the valid Purchase Order Number are received on the 850 and are also received on the 862 that is faxed from Caterpillar to 830 10-10-10 suppliers.

**F9 - REQC**

JTDMAINT6	REQUIREMENT MASTER ENTRY - OEM INFORMATION		CHANGE
	Transaction Type ... 830		
Company KB	Customer CAT	Part 163-0872	Destination CAT
			MY
Invoice Toyota-MM? .....	N	Purpose Code .....	
Ship or Delivery Date .....		Plant Location ..	
OEM Unit of Measure .....		Default Eng Lvl ..	MANUAL2
OEM Ship Code .....		Storage Location ..	
OEM Package Qty .....		Line Supply Loc ..	
OEM Last Ship Date .....	0/00/00	Tag Code .....	
OEM Last Ship Qty .....		Int. Consignee ..	
OEM Cum Shipped .....		Line Feed .....	
Fab Date .....	0/00/00	Planner Name .....	
Fab Start Date .....	0/00/00	Planner Phone .....	
Material Date .....	0/00/00	Default P.O. .....	1111
Material Start Date .....	0/00/00	Process Code .....	
CUM Reset Date .....	0/00/00	JIT Reference # ..	
Purchase Order Date .....	0/00/00	Default Type/Freq. /	
		Drop Point .....	
F1=Help F12=Return			

Enter the engineering revision level from the 850 or 862 in the Default Eng Lvl field of the 830 record.

Enter the Purchase Order Number from the 850 or 862 in the Default P.O. field of the 830 record.

## Caterpillar Europe

Caterpillar 810s sent to European destinations require different segments than 810s sent in the US. These segments are created based on the receiver DUNS placed in the ASN file during the ASN extract.

In addition, Caterpillar Europe locations require changes to the Trading Partnership and Destination Files. These changes are described below.

### Trading Partnership File

Required Changes for the 810 record on the ISA Detail Screen:

Sub Element Separator - Change to E0.

Segment Terminator - Change to 0D.

Required Changes for the 810 record on the GS Detail Screen:

GS Application Receiver - Enter the facility code entered in the OEM Miscellaneous File.

## Destination File

SCD6300B	MAINTAIN DESTINATION MASTER FILE
Company Number .....	KB GIBBS DIE CASTING
Destination Number .....	4458789
Name 1 .....	CATERPILLAR BELGUIM
Name 2 .....	FOB .....
Address 1 ..	Distributor Code ..
Address 2 ..	Ford Dest Code .....
Address 3 ..	ASN/DESADV (B/C/N/O/V/Y)
City/State ..	GM Msg/Temp Msg Code ... /
Zip Code ...	GM Std Loc/Ford Rt Cd 2.
Country ....	Carrier/Frt Fwd Pref.... /
Arrival/Ship Dates (A/S) .....	Route Code / HMRS (Y/N).
Delivery Travel Time (Hrs/Min)	Honda Destination .....
Delivery Travel Time (Days) ..	Supplier Type (P/S) ....
Available Ship Days (X = Select)	ASN Unit of Measure ....
S      M      T      W      H      F      S	JIT Location (Y/N) ....
Oth	Bar Code Verif (Y/N/C/S)
Names:	Print Invoices (Y/N) ...
F1=Help    F12=Return	Create Invoices (Y/N) ..
	Payment Type: Coll    PP    PPI
	Alt. Description...
	Dealer Code .....
	Cat Europe Ult Dest ....Y

- Cat Europe Ult Dest - Enter "Y" to display the European Ultimate Destination screen when Enter is pressed.

## Destination File - European Ultimate Destination Screen

The European address entered here is retrieved during the 810 Create and Transmit.

SCD6300G	MAINTAIN DESTINATION EXTENSION FILE	
Company Number ..... KB GIBBS DIE CASTING		
Destination Number ..... 4458789		
PRIMARY DESTINATION		EUROPEAN ULTIMATE DESTINATION
Facility Cd.		
Name 1 .....	CATERPILLAR BELGUIM	
Name 2 .....		
Address 1 ..		
Address 2 ..		
Address 3 ..		
City/State ..		
Zip Code ...		
Country ....		
Currency .....		
Buyer (BY) .....		
Fiscal Buyer (IC) .....		
Supplier (SE) .....		
Fiscal Supplier (AG) .....		
F12=Return		

- Facility Code - The ultimate destination facility code. The European facility code entered in the OEM Miscellaneous File. Valid facility codes are listed in the Identification Code File in the implementation section.
- Name 1 and 2 - Name of the Caterpillar European destinations.
- Address 1, 2, and 3 - Address of the Caterpillar European destinations.
- City / State - City and state of the Caterpillar European destinations.
- Zip Code - Zip code of the Caterpillar European destinations.
- Country - The two-digit country code of the Caterpillar European destinations. Valid European country codes for the Caterpillar 810s include the following:

BE - Belgium

CH - SARL (Switzerland)

FR - France

- Currency - Currency of the destination.
- Buyer (BY) - Buyer address. This value is associated with the Name Code on the Name File Master. This field must be filled in for the European 810s and will create a separate N4

segment. Create each number in the Name File first, and then enter them in the Destination Master File into the corresponding fields.

- Fiscal Buyer (IC) - Address of the buyer's fiscal representative. This value is associated with the Name Code in the Name File. This field must be filled in for the European 810s and will create a separate N4 segment. Create each number in the Name File first, and then enter them in the Destination Master File into the corresponding fields.
- Supplier (SE) - Supplier address. This value is associated with the Name Code in the Name File. This field must be filled in for the European 810s and will create a separate N4 segment. Create each number in the Name File first, and then enter them in the Destination Master File into the corresponding fields.
- Fiscal Supplier (AG) - Address of the supplier's fiscal representative. This value is associated with the Name Code in the Name File. This field must be filled in for the European 810s and will create a separate N4 segment. Create each number in the Name File first, and then enter them in the Destination Master File into the corresponding fields.

## Miscellaneous Charge/Tax File

When VAT Taxes are needed, ensure that European destinations in your system have the "Cat Europe Ult Dest" flag in the Destination Master File set to "Y". This will prompt a second screen to enter Caterpillar European Ultimate Destination values in the Destination Extension File. See the Caterpillar OEM Supplement (Page 26) for instructions on how to set up this file. Be sure that an exchange rate is set up in the Currency Code Master File for each currency type used in the Destination Extension File, since all monetary amounts in Electronic Invoices to European destinations will be calculated and transmitted in the currency of the country being shipped to. Tax Rates for VAT taxes will need to be entered in the Tax Rate File (Option 17 on the File Maintenance Menu). See example below. You must use Tax Code 750 for Caterpillar purposes and enter the appropriate Company Number on the Header screen. You also must use "CD" in the Tax Qualifier field on the Detail screen. Enter the G/L Credit Account Number that corresponds to the appropriate G/L Credit Account Number in your ERP/Financial system. You may need to contact your Accounting Dept. to get the correct account number to enter.

### EXAMPLE: Tax Rate Header (First Screen)

MAINTAIN TAX RATE MASTER FILE	
Company Number .....	TL (Your Company)
Tax Code .....	750
EXAMPLE: Tax Rate Detail Screen (Second Screen)	
Tax Description .....	VAT TAX
Tax Rate .....	.15000
Tax Qualifier .....	CD
G/L Credit Account Number ..	GL ACCOUNT NBR

A single Miscellaneous Charge record for each European ship-to destination will need to be added in the Miscellaneous Charge/Tax File (Option 16 on the File Maintenance Menu). This record will be used to calculate VAT Tax on all parts on the invoice. See example below. On the detail screen, enter the European Destination Abbreviation you ship to, and remember to set one of these up for each European destination shipped to. You must put an "X" next to the "Assign Taxes" field and a "Y" next to the "Retain charge" field on the first Detail screen. On the second Detail screen, your entries should match exactly the example below. As in the Tax Rate File, you may need to contact your Accounting Dept. to determine what to put in the "G/L Account #" field.

EXAMPLE: Misc. Charge/Tax Header (First Screen)

MAINTAIN MISCELLANEOUS CHARGE MASTER FILE

Company Number ..... TL (Your Company)

Customer Abbreviation ..... CAT (Your Cust. Abbrev.)

EXAMPLE: Misc. Charge/Tax Detail (First Screen)

MAINTAIN MISCELLANEOUS CHARGE MASTER FILE

Company Number ..... TL

Customer Abbreviation ..... CAT

----- Optional -----

Destination Abbreviation ... CAT (Example)

Internal Part # ..... \_\_\_\_\_

Customer Part Number ..... \_\_\_\_\_

Purchase Order Number ..... \_\_\_\_\_

Engineering Rev Level ..... \_\_\_\_\_

RAN Number ..... \_\_\_\_\_

Container Part Number ..... \_\_\_\_\_

Release Number ..... \_\_\_\_\_

X Assign Taxes

Calculate charge based on (X):    Container Qty    Part Qty    Charge Qty

Retain charge? (Y/N/E)    Y

Shipper/Invoice charge type (X):    Beginning    End

EXAMPLE: Misc. Charge/Tax Detail (Second Screen)

MAINTAIN MISCELLANEOUS CHARGE MASTER FILE

Company # ..... TL P.O. # .....

Cust Abbrev ... CAT Eng Rev Lev ....

Dest Abbrev ... CAT RAN # .....

Internal Part # Container Part..

Customer Part # Release #

Quantity .....

Description ..... VAT TAX

Price (6) ..... .000000

Purchase Order #.....

Unit of Measure ..... EA

G/L Account # .....

AIAG Code ..... 750 Applicable Taxes

Special Service Code.. VAT TAX 750 VAT TAX

G&S Tax Rate (2) .....

G&S Tax Account # .....

Credit Memo ..... N

Credit Memo Number ...

## Name File Maintenance

Set up the Name Master File detail screen as shown below. For more information on the Name Master File, see section "Name File Maintenance" in Chapter 6, Part 1.

The numbers entered for each Name File created are:

- alpha/numeric
- user-defined
- used internally
- do not appear on the European 810

The addresses entered into the Name File Maintenance screen appear in the N1 and N3 segments of the European 810 and represent the location of each of the fields:

- Buyer (BY)
- Fiscal Buyer (IC)
- Supplier (SE)
- Fiscal Supplier (AG)

### Maintain Name Master File Detail Screen

MAINTAIN NAME MASTER FILE	
Company Number ..	KB ENGINE COOLING, INC.
Number .....	11111
Name .....	
Address 1 .....	
Address 2 .....	
Address 3 .....	
City .....	
State .....	
Zip Code .....	
Country .....	
Vat Number .....	
Tax Code .....	
Additional ID ...	
Qualifier .....	
OEM .....	

Existing records display name code information from the Caterpillar Ultimate Destination field in the Destination Master. For new records, enter the following:

- Company Number - The company number.
- Number - User-defined number. This value is placed in either the Buyer, Fiscal Buyer, Supplier, or Fiscal Supplier field in the Destination Master.

- Name - The name of the location. This name is transmitted in the N1 or NAD segment on selected outbound transactions.
- Address 1, 2, 3, City, State, - The complete address of the location. Transmitted in the N2-N4 Zip Code, and Country NAD segment.
- Vat Number - The Value Added Tax Number. Used for European goods. Transmitted in the N1/ NAD segment.
- Tax Code - Not used by Caterpillar.
- Additional ID - Not used by Caterpillar.
- Qualifier - Not used by Caterpillar.
- OEM - Optional. "P" for Caterpillar.

## **Electronic Invoice--Special Services Code**

Valid special service codes for European 810s include the following:

A0020 - Heat/Anneal (Steel or glass trtmt) M9002 - Machining

A0030 - Art Work M9001 - Material Only

B0030 - Brokerage Duty N0020 - Non-returnable containers

B0040 - Burning O0010 - One-time only (OTO)

C0012 - Capping P9001 - Part / echel

C0090 - Cutting R0010 - Roll rebate

CE - Escalation R0072 - Repair

C0050 - Competitive Allowance R0074 - Retainer

C0020 - Discount / Allowance R0100 - Royalty

C0032 - Coating (Dip, Rustproof, edp) R0110 - Rework

C0072 - Crating Charge SU - Set-up

D0022 - Deposit S0014 - Shearing

DM - Demurrage S0016 - Shotblasting

D0024 - Design / Layout S0018 - Scrap Allowance

DL - Freight SC - Surcharge (dollar value)

E9001 - Export Charge S0020 - Strapping

EC - Engineering S0022 - Sleeving

FA - Freight Allowance S0052 - Stamping

F0010 - F.E.T. S0093 - Surcharge (%)

G0010 - Grinding S9001 - Service according to contract (Gosselies)

H - Handling S9002 - Stress relieving

HD - Handling S9003 - Storage  
I0014 - Incoming Freight TO - Tooling  
I0012 - Installation T1 - Miscellaneous  
L0020 - License Fee TX - TVA  
L0010 - Labor TB - Freight  
LA - Identification TV - Freight  
M0010 - Returnable Containers T0060 - Tooling  
M0022 - Mileage or Travel T0080 - Trade in allowance  
M0042 - Mounting

## **Unit of Measure**

Valid Unit of Measure codes for European destinations include the following:

AY - Assembly DM - Decimeter MS - Square TK - Tank  
BG - Bag DR - Drum NB - Barge TO - Troy Ounce  
BI - Bar DA - Day NT - Short Ton TC - Truckload  
BD - Bundle DZ - Dozen OZ - Ounce - AV TG - Gross Ton  
BF - Board Foot EA - Each OL - Ounce - Liquid TY - Tray  
BO - Bottle FT - Foot PR - Pair TB - Tube  
BR - Barrel GA - Gallon PT - Pint TH - Thousand  
BX - Box GS - Gross PL - Pallet / Unit Load VI - Vial  
BA - Bale GR - Gram PA - Pail WK - Week  
CP - Crate HG - Hectogram PK - Package YD - Yard  
C5 - Job Study HR - Hour PC - Piece YR - Year  
CY - Cubic Yard HU - Hundred PF - Pallet / Unit ZZ - CFR PO  
CW - Hundred Pounds IN - Inch QT - Quart  
CV - Global Charge JR - Jar RL - Roll  
CT - Carton KG - Kilogram RO - Roll  
CR - Cubic Meter KT - Kit RE - Reel  
CO - Coil LB - Pound SE - Section  
CN - Can LK - Link SC - Square Centimeter  
CM - Centimeter LN - Length SO - Spool  
CL - Cylinder LT - Liter SM - Square Meter  
CH - Container LO - Lot SH - Sheet

CB - Carboy ML - Milligram ST - Set

CA - Case MM - Millimeter SF - Square Foot

DK - Kilometer MO - Month SY - Square Yard

DL - Deciliter MR - Meter SI - Square Inch

## Currency Exchange Rate Master

Use the Currency Exchange Rate Master File to enter Caterpillar Europe currencies along with the exchange rate. An exchange rate history is maintained, required for the 810 "CUR" segment when the destination currency is different than the supplier currency. To access the Currency Exchange Rate master file, choose option 20, Currency Code Maintenance, from the File Maintenance main menu.

## VLO Menu

VLD0000P1	4/20/XX	MENU: VLOP	11:00:58
12.0	-----		
CATERPILLAR			
VARIABLE LENGTH TELECOMMUNICATIONS			
-----			
1. Receive Data	11. Network Selection		
2. Split Network Data Into OEM Files	12. AIAG Reports Menu		
3. Breakdown Data	13. Send Text Menu (864)		
4. Acknowledge Received Data	14. Caterpillar Miscellaneous Menu		
5. Print Req's (830,850,860,862,866)	15. Maintain Caterpillar Misc File		
6. Print P.O. Format	16. Purge P.O. Work Files		
7. Print Notes	17. Remittance Advice Inquiry		
8. Process Req's (830,850,860,862,866)	18. Price Catalog Menu (832)		
9. Maintain Caterpillar Security	19. Request For Quote Menu (843)		
10. Maintain Network Security			
23. Return to V/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 Method

Print Method: Mandatory

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

## Receive

(Option 1 on the VL0 menu)

This option runs the "Receive" program appropriate for the code - "P" for Caterpillar, "G" for GEIS-- entered in network selection.

Note: The Network selection file must contain the code to indicate the method of communication to be used when accessing Caterpillar, before the Receive Data option is taken.

When receiving from a network: If all previously received data has been processed, or if the last "Receive" ended abnormally, press Enter to continue. Enter "N" if all previously received data has not been processed and the file is to be appended.

When receiving from Caterpillar directly: Caterpillar does not wait until the entire file is transmitted before marking it as "transmitted." As each "batch" is transmitted, it is marked as "transmitted" and deleted from the file. Therefore, you must respond "Y" to Delete Previous Data?, because the previous data may be a partial file. If an error occurs during a "Receive," contact Caterpillar and ask them to reset the file. Then take the "Receive" again.

## Breakdown

(Option 3 on the VL0 menu)

### Transaction Set Notes

This report contains notes transmitted in the NTE segment.

### High Fab and Material Calculation

Caterpillar does not send High Fab and Material CUMs, so the system calculates them during the "Breakdown":

CUM Received + Requirements Received = High Fab and Material

## Print Requirements (830, 850, 860, 862, 866)

(Option 4 on the VL0 menu)

Caterpillar uses the Model Year field to represent an engineering level change. Different engineering levels must be shipped as separate requirements. The last digit of the transmitted engineering level is moved into the Model Year field and a Requirement Master must be entered with the model year.

Note: Old Requirement Masters must be deleted or adjusted as the engineering level increases to avoid using old CUMs when the engineering level wraps around to zero.

### New Customer and Destination for CUMs by Purchase Order

If CUMs by Purchase Order is used and a new customer and destination are received, the model year on the Requirement Edit Error Report is represented by " \*\*\* ." Enter the new customer and destination in the Machine Readable Files. Take the "Print" option again.

The model year for the new customer and destination is printed on the Requirement Edit Error Report. However, the engineering level change is not included in the first-position of the model year printed on the report. Enter the Requirement Master with the new customer, destination, and model year. The last digit

of the received engineering level change must be entered in the first-position of the Model Year field. Take the "Print" option again.

## **Data Printed and Not Processed**

Data that is printed on the Caterpillar Requirement Edit List but is not processed includes the following:

- Carrier Information
- FOB
- Price
- Price Breaks
- Discounts
- Terms

This data is stored in work files and must be purged periodically using the option "Purge P.O. work files."

Caterpillar has additional reports that are printed, as shown below.

### **Caterpillar N1\*ST / N1\*PN Exception Report**

A segment containing an ASN-To number is transmitted on 830s. ASNs may be sent to one location while parts are shipped to another. The ASN-To and SHIP-To codes are printed on the Edit Report and the Caterpillar N1\*ST/N1\*PN Exception Report.

- The Caterpillar N1\*ST / N1\*PN Exception Report is created listing the ASN-To codes, the Destination Abbreviations, and the ship-to codes. Destination codes not entered in the Machine Readable File are listed as asterisks (\*\*\*\*\*), as stated on the Error Report. Correct the errors and take the "Print" option again.

The ASN-to codes must be entered in the OEM Miscellaneous File in the Caterpillar Facility Code field to be used in the ISA and GS segments in the ASN file.

- If an ASN-To destination is not sent, an ASN may not be required.
- Caterpillar also sends a pull type code, defined below:
  - 0 = Normal action applies.
  - 1 = Normal action applies.
  - 2 = Deliver based on pull trigger - deliver order plan quantity.
  - 3 = Deliver based on pull trigger - deliver pull trigger quantity only. (Order plan may not exist).
  - 4 = Deliver based on pull trigger - deliver pull trigger quantity only.

### **Notes Report for 830 / 862**

Prints notes transmitted with the 830/862 file.

### **850 / 860 Requirements Edit**

This report is placed on Hold. The Edit Report contains all requirements received on Purchase Orders (850s), exactly as received, from the OEM.

### **Error Report for 830 / 862 Edit**

The Error Report lists errors or omissions in the Machine Readable, Parts Cross Reference, and/or Requirement Master Files in the same format as the error report for 830/862 Edit. Terminal errors are not processed. Correct the errors and take the "Print" option again.

### **Summary Report for 820**

This report is placed on Hold. The Summary Report lists a total dollar amount per invoice from 820 data received. A detail report with detail amounts for each line item can be printed from the Remittance Advice Menu (VL36P).

### **Caterpillar Production Sequence (866) Edit List**

This report is placed on Hold. The Edit Report contains all 866 requirements received, exactly as received, from the OEM. The data are not rounded to a package quantity and does not report ahead or behind quantities. This is not intended to be used as a load sheet.

### **Caterpillar Production Sequence (866) Error Report**

The Error Report lists errors or omissions in the 866 file.

## **Print P.O. Format**

(Option 5 on the VL0 menu)

This option is used to print Purchase Order data in a different format from the 850 Requirements Edit that prints when the "Print" option is taken.

The Purchase Order print format prints by Purchase Order Number rather than by part number and includes name, address, and header notes, as well as detail notes at the line item level.

## **Print Notes**

(Option 6 on the VL0 menu)

This option is used to print notes transmitted in the NTE segment from Caterpillar. The Transaction Set Audit Report that prints during the "Breakdown" indicates if notes were received. The "notes" print when the "Print" option is taken. They can be reprinted using this option.

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

# AIAG Reports

VLD4200P1	4/20/XX	MENU: VL42P	11:03:36
12.0	-----	-----	-----
CATERPILLAR AIAG REPORTS			
-----			
<ol style="list-style-type: none"><li>1. Print Text (864)</li><li>2. Print Inventory Advice (846)</li><li>3. Print Functional Ack. and Appl. Advice (997,824)</li><li>4. Print Receiving Advice (861)</li><li>5. Maintain/Print Purchase Order Abbreviations</li><li>6. Print All Purchase Order Abbreviations</li><li>7. Print Ship History/OEM Info Report</li></ol>			
-----			
<ol style="list-style-type: none"><li>23. Return to Caterpillar V/L Telecommunications Menu</li><li>24. Return to Main Menu</li></ol>			
-----			
Option			

## Print Text (864)

(Option 1 on the VL42 menu)

If the Transaction Set Audit Report, printed during the “Breakdown,” indicates that text was transmitted from Caterpillar, this option prints the text.

## Print Inventory Advice

(Option 2 on the VL42 menu)

If the Transaction Set Audit Report, printed during the “Breakdown,” indicates that Inventory Advices were transmitted from Caterpillar, this option prints them.

## Print Functional Acknowledgement and Application Advice (997 & 824)

(Option 3 on the VL42 menu)

This option is used to print Functional Acknowledgments (997s) and Application Advices (824s) that were received using the “Receive” option.

The Application Advice reports errors of content in the file received from Caterpillar. The Functional Acknowledgement may indicate that the file was, in fact, received and that it was syntactically correct. The Application Advice takes the checking procedure a step further and reports if specific content errors are found.

The Transaction Set Audit Report, which prints during the “Breakdown,” indicates if 997s or 824s were received. If there are no Application Advices to print, a break message indicates that there is no data for the company number(s) entered.

## Print Receiving Advice (861)

(Option 4 on the VL42 menu)

This option is used to print Receiving Advices (861s). 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 Caterpillar 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).

The Transaction Set Audit Report, which prints during the “Breakdown,” indicates if Receiving Advices were received. If there are no Receiving Advices, a break message indicates that there is no data for the company number(s) entered.

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

An Error Report prints, listing customer and destination identification codes not entered in the Machine Readable File and part numbers not entered in the Parts Cross Reference File if these errors were not corrected during the “Breakdown” or “Print.”

## Maintain / Print Purchase Order Abbreviations

(Option 5 on the VL42 menu)

This option displays the Purchase Order Abbreviation X-Ref screen. This is used after the “pre-inoculation” has been taken to verify that all Purchase Order Abbreviations received from Caterpillar are unique. Purchase Order Abbreviations may be created and deleted.

Purchase Order Abbreviation X-Ref					5/17/XX
					14:01:53
			PO	Creation	Retrieve
Company	Customer	Destination	Purchase Order	Abbv	Date
*EQ					
AB	PCUST	PDEST	5500119912	AAB	10/28/20XX 10/28/20XX
AB	PCUST	PDEST	5500120087	AAC	10/28/20XX 10/28/20XX
AB	PCUST	PDEST	5500120116	AAE	10/28/20XX 10/28/20XX
AB	PCUST	PDEST	5500120279	AAA	10/28/20XX 10/28/20XX
AB	PCUST	PDEST	5500120342	AAF	10/28/20XX 10/28/20XX
AB	PCUST	PDEST	5500120354	AAH	10/28/20XX 10/28/20XX
AB	PCUST	PDEST	5500120434	AAD	10/28/20XX 10/28/20XX
AB	PCUST	PDEST	5500120457	AAG	10/28/20XX 10/28/20XX
AB	PCUST	PDEST	5500120549	AAI	10/28/20XX 10/28/20XX
AB	PCUST	PDEST	5500120650	AAO	10/28/20XX 10/28/20XX
AB	PCUST	PDEST	5500120691	AAJ	10/28/20XX 10/28/20XX
					More...
* - Requirement master exists. Not eligible for deletion.					
F3=Exit F5=Refresh F6>Add F17=Ascending/Descending F21=Listing					

- Option 4 - Delete - Enter 4 (Delete) to delete the record. If a Requirement Master is not found for the displayed company number, Customer Abbreviation, and Destination Abbreviation, the record may be deleted.
- If a Requirement Master exists, the Purchase Order Abbreviation Record cannot be deleted. Records with \* next to them cannot be deleted, because a Requirement Master exists for these Purchase Order Abbreviations.
- F - 6 Add - Displays the Enter PO to Create PO Abbreviation screen. This screen may be used to manually create a Purchase Order Abbreviation to be entered in positions 2-4 of the Model Year field. When manually entering the model year, the last position of the received engineering change level must be entered in the first position of the Model Year field.
- The Purchase Order Abbreviation Report may be printed from here; this is the same report as that printed when the Print All Purchase Order Abbreviations option is taken.

## Print All Purchase Order Abbreviations

(Option 6 on the VL42 menu)

This option prints the Purchase Order Abbreviation Report. This report may be used after the "Print" option has been taken to verify that all Purchase Order Abbreviations received from Caterpillar are unique. The Purchase Order Abbreviation Report may also be printed from the Inquire/Print Purchase Order Abbreviations option.

## Print Ship History / OEM Info Report

(Option 7 on the VL42 menu)

The Shipping History/OEM Shipping Info Report is used to check the CUM required prior against the CUM shipped and check for recent shipments that may be in-transit.

This report prints only Requirement Masters with a Purchase Order Abbreviation in the Model Year field. The report may be limited by Customer and Destination Abbreviations, part number, and model.

## Send Text

VLD5900P1	4/20/XX	MENU: VL59P	11:25:50
12.0	-----		
	CATERPILLAR SEND TEXT		
	-----		
<ol style="list-style-type: none"> <li>1. Maintain Text</li> <li>2. Print Text</li> <li>3. Create and Transmit Text (864)</li> <li>4. Purge Text</li> <li>5. Reactivate Text</li> </ol>			
<ol style="list-style-type: none"> <li>23. Return to Caterpillar V/L Menu</li> <li>24. Return to Main Menu</li> </ol>			
Option			

## Maintain Text (864)

(Option 1 on the VL59 Menu)

This option is used to enter, change, or delete messages to be transmitted to Caterpillar. The company selection displays if the user has authority to multiple companies.

### Message Header Screen

VLD5910P1	CATERPILLAR MAINTAIN TEXT	
Company: KB		
Sender:	Rcvr Code:	
Subject:	Supplier:	
F3=Exit    F4=Prompt    F21=Print		

- Sender - Enter the supplier name recognized by Caterpillar.
- Rcv code - Enter the receiver code of the person at Caterpillar designated to receive messages. Caterpillar will supply a list of receiver codes and addresses.
- Subject - Brief description of the content of the message.
- Supplier - Your supplier code. This code is transmitted in the ISA record and indicates to Caterpillar who sent this text.

### Message Screen

VLD5910P2	CATERPILLAR MAINTAIN TEXT	
Company: KB		
Sender: 11111	Rcvr Code: 1111	
Subject: 11111	Supplier: 1111	
Receiver Addr:		
Sequence ....: 000		
Message:	Seq	
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	
	11	
	+	

- Receiver Addr - Enter the receiver address associated with the receiver code entered. This information is supplied by Caterpillar. Both the receiver code and the associated address are required to send a message.
- Message - Enter a free-form message. Roll keys display additional entry lines. If no message is entered, no record is created.

## Purge P.O. Work Files

(Option 16 on the VL0 Menu)

Work files are created to store data received on the 850, but not processed. This information is printed on the Edit Report and stored until purged. This data includes carrier information, FOB, price, price breaks, discounts, and terms.

### Purge Screen

VLD0000P2	PURGE P.O. WORK FILES
P.O. Date ..... 0/00/00	
P.O. Number ...	
** OR **	
All P.O. transactions with a P.O. date before this date will be purged..... 0/00/00	
F3=Exit	

- P.O. Date - Enter the purchase order date in MM-DD-YY format. All records up to and including this date with a transmit code of "T" (Transmitted) are purged.
- P.O. Number - Purchase Order Number issued by Caterpillar.

Enter a P.O. date and a P.O. Number to purge a single record. Or, enter a date, and all records older than that date are purged. Note that only records equal to the company code being processed are purged. A report prints listing the records that were purged.

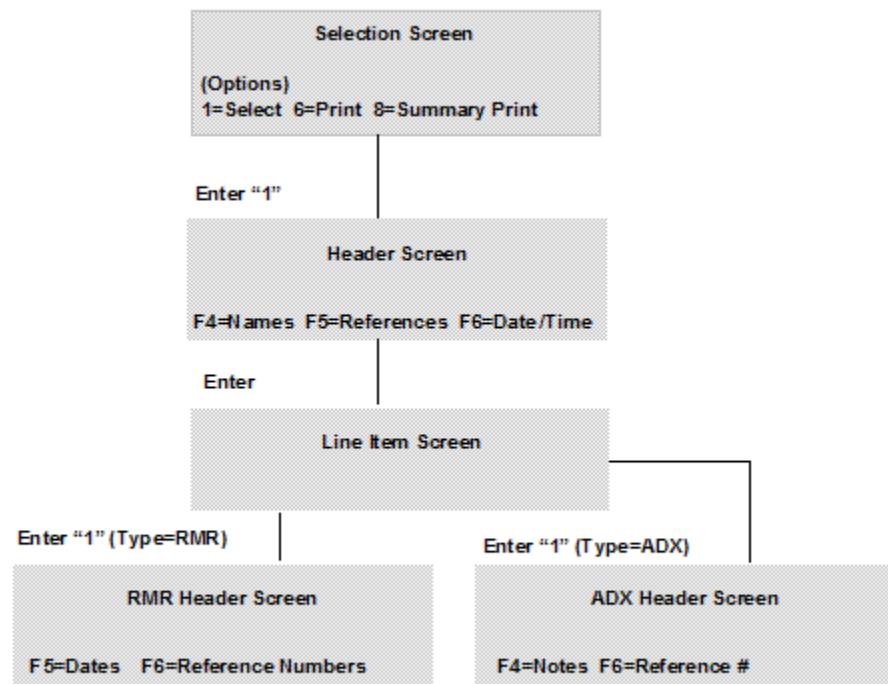
# Remittance Advice Menu

VLD3600P1	4/20/XX	MENU: VL36P	11:36:30
12.0			
-----			
CATERPILLAR			
REMITTANCE ADVICE MENU			
-----			
1. Display Remittance Advice			
2. List Remittance Advice			
3. Purge Remittance Advice			
-----			
23. Return to V/L Communications Menu			
24. Return to Main Menu			
-----			
Option			

## Overview

This Remittance Advice Menu (VL36P) is used to display, print, and purge the Remittance Advice (820) file received from Caterpillar. 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 forth. When Remittance Advice data are no longer current, they may be purged. The Transaction Sets Received Audit Report, which is printed during the "Breakdown," identifies the transaction sets received by each company. During the "Breakdown," all data received in the 820 file are placed in the universal Remittance Files: VPX820A - VPX820K. Access the Remittance Advice Menu from option 16, Remittance Advice Inquiry, of the AutoRelease Main Menu.

## Menu Pictorial Overview



## Price Catalog Menu

VLD7001A	4/20/XX	MENU: VL7	11:38:02
12.0	----- CATERPILLAR PRICE CATALOG MENU -----		
1. Create Price Catalog 2. Maintain Price Catalog 3. Price Catalog List / Verification 4. Create and Transmit Price Catalog 5. Purge Price Catalog 6. Reactivate Price Catalog			
-----           23. Return to V/L Communications Menu 24. Return to Main Menu			

## Overview

This Price Catalog Menu (VL7) is used to create, maintain, display, print, purge, and reactivate the Price Catalog (832) for Caterpillar. It is the suppliers' responsibility to transmit Price Catalog information as required based on their agreement with Caterpillar Central Purchasing. Caterpillar accepts only one price catalog per quarter. Caterpillar price catalog data are placed in the universal Price Catalog Files: VPH832A - VPH832H. When Price Catalog data is no longer current, they may be purged. Access the Price Catalog Menu from option 17, Price Catalog Menu, of the AutoRelease main menu.

## Price Catalog Flow

### Create a Price Catalog

1. Create the Price Catalog file using option 1 on the Price Catalog Menu (VL7).
2. Verify or change Catalog ID information and press Enter.
3. Enter selection criteria to retrieve data from the master files.
4. Select the parts to be included in this catalog and press F10 (Build Catalog).

Data is retrieved from the master files.

### Price Catalog List / Verification (Optional)

1. To verify the catalog before transmitting it, take option 3.
2. Enter the catalog number and version number and press Enter.

OR

Press F4 to display a list of catalogs, select one, and then press Enter.

A report prints listing terminal and warning errors. Terminal errors must be corrected using option 2 before transmitting.

### Create and Transmit a Price Catalog

1. To transmit a catalog to Caterpillar, take option 4.
2. Enter the catalog number and version number and press Enter.

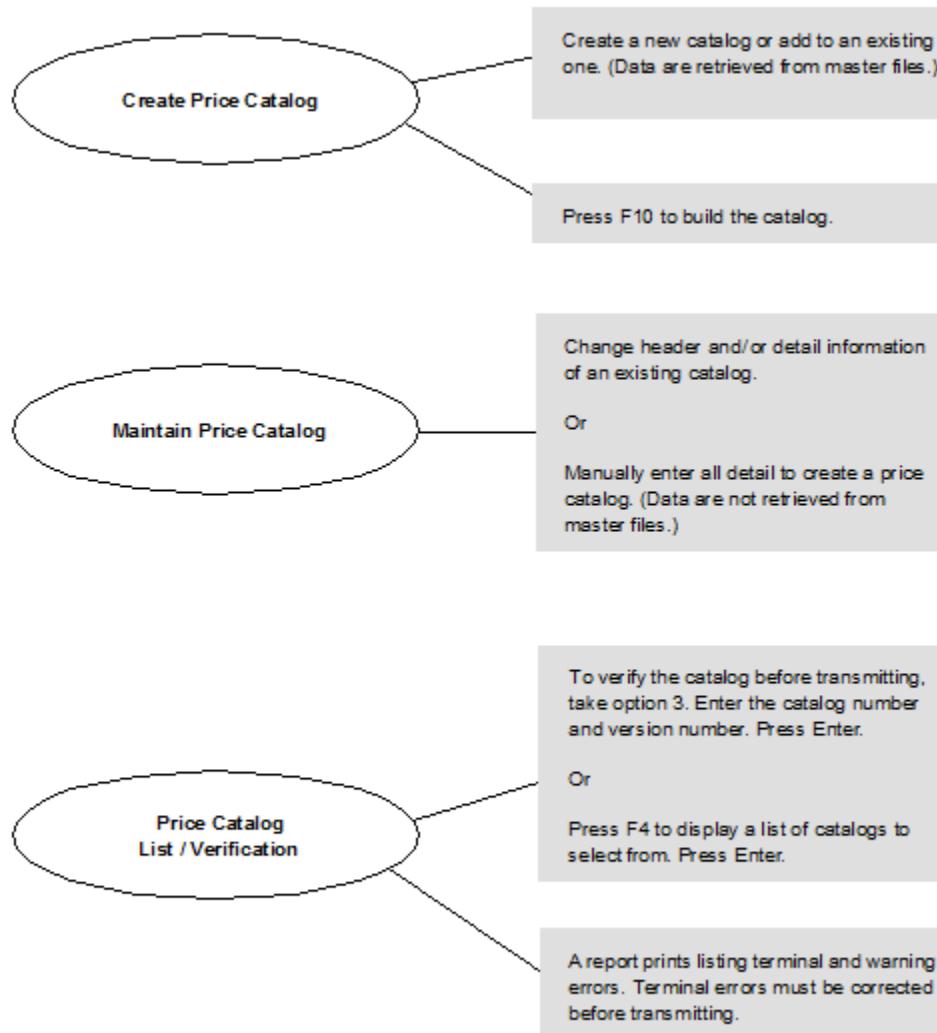
OR

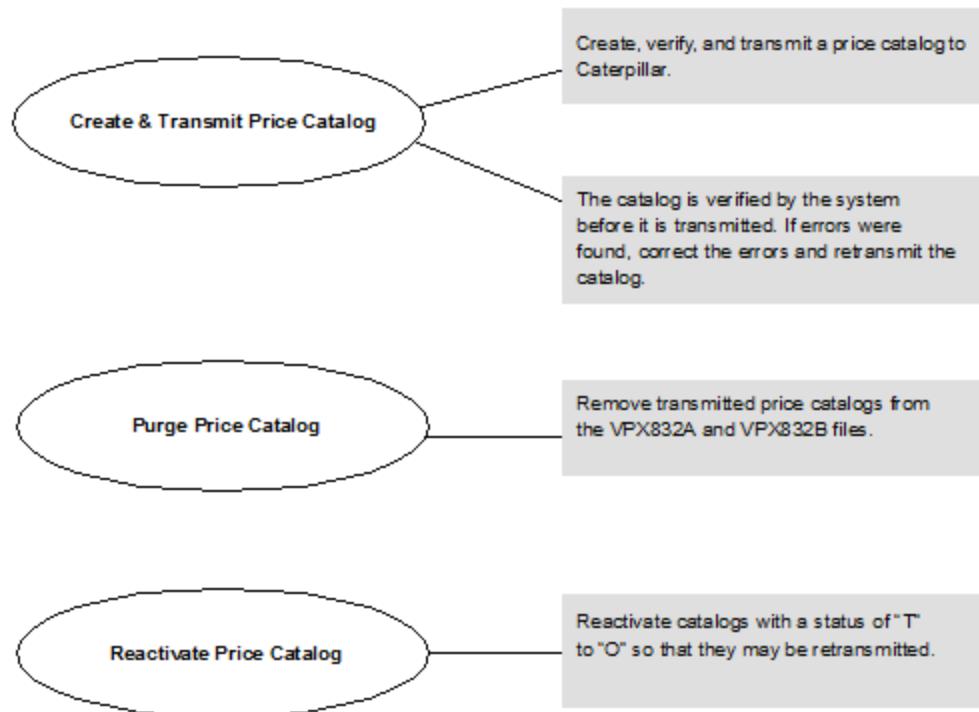
Press F4 to display a list of catalogs, select one, and then press Enter.

Before the catalog is transmitted, it is verified by the system and a report prints.

1. If errors were found, correct the errors using option 2 (Maintain Price Catalog).
2. After errors are corrected, take the transmit option again to complete the transmission.

## Price Catalog Pictorial Flow





## Create Price Catalog

(Option 1 on the VL7 Menu)

This option is used to create price catalog records by retrieving data from AutoRelease master files.

A screen prompts for the company number.

### Catalog ID Screen

VLD7005A	CATALOG ID SCREEN
4/20/XX	
OEM Code ..... P Company ..... 01	
Catalog Number ..... 180420 Catalog Version ..... 1 Catalog Effective Date .. 0420XX Catalog Expiration Date . 000000 Catalog Purpose ..... PC	
Do you want Container Pricing? N (Y,N)	
F3=Exit    F4=Prompt    ENTER=Continue	

Header data are defaulted and can be changed.

- Catalog Number - Required. Caterpillar requires the catalog to represent the year, month, and day. The default catalog number format is YYMMDD.
- YY = Year
- MM = Month
- DD = Day
- Catalog Version - Required. User-defined version number; the default is "1."
- Catalog Effective Date - Required. Today's system date is the default. The effective date may be changed.
- Catalog Expiration Date - Optional. Supplier's price catalog expiration date.
- Catalog Purpose - Required. Valid catalog purpose codes are the following:  
PC = Price Catalog.
- Do you want Container Pricing? (Y, N) - Enter "Y" to price containers as regular parts on the price catalog.
- Enter "N" if containers are not to be priced as regular parts on the price catalog.

## Maintain Price Catalog

(Option 2 on the VL7 Menu)

This option is used to change price catalog records that were entered using the option Create Price Catalog or to enter records manually. (A record is considered manually entered when all detail is entered manually. No data are retrieved from the AutoRelease master files.)

A screen prompts for the company number.

### Selection Screen

VLD7013A	PRICE CATALOG MAINTENANCE
Company Number .... KB	
Catalog Number ....	
Catalog Version ...	

Enter a catalog number and version number and press F6=Add to create a new work file or prompt to display a list of existing work files. If an existing catalog number is entered and Enter is pressed, that price catalog displays.

Records in the work file may be added, deleted, or changed.

- Catalog Number - Required. Caterpillar requires the catalog to represent the year, month, and day. The default catalog number format is: YYMMDD.
- YY = Year
- MM = Month
- DD = Day
- Catalog Version - User-defined version number of the supplier's Price Catalog.

Select a record from the Catalog List screen to display the header screen. Or, press F6 from the Selection screen to add a record.

### Header Screen

VLD7014B		CATALOG HEADER MAINTENANCE		ACTION CODE T
Company	01	OEM	P	
<hr/>				
-				
Catalog Number .....	991109	Supplier ID .....	108429028	
Catalog Version ....	1	Effective Date ....	11/09/XX	
Catalog Purpose ....	PC	Expiration Date ...	0/00/00	
Quote Facility Code.	00	Unit of Measure ...	EA	
Currency.....				
Caterpillar Receiving Mailbox (CMS only): CSS05B70				
Contact Name.....				
Contact Number.....				
F3=Exit		F12=Return		

- Catalog Number - User-defined; defaults from the Selection screen. Not maintainable. Transmitted in the BCT segment.
- Supplier ID - Defaults from the Identification Code File. The supplier code entered in the Requirement A record finds a match in the Plant ID field in the Identification Code File and retrieves the Corporate ID. Transmitted in the N1 segment.
- Catalog Version - User-defined version number of the supplier's price catalog. Not maintainable. Transmitted in the BCT segment.
- Effective Date - Required. Enter the effective date that applies to all line items for this catalog number. An effective date for individual line items may be entered on the detail screen. Transmitted in the DTM segment.
- Catalog Purpose - Caterpillar requires "PC" for price catalog. Transmitted in the BCT segment.

- Expiration Date - Enter the expiration date if it applies to all line items for this catalog number. An expiration date for individual line items may be entered on the detail screen. Transmitted in the DTM segment.
- Quote Facility - "00" is the default. Enter your OEM-assigned supplier facility code if it is different from "00." Transmitted in the N1\*BY segment.
- Unit of Measure - Defaults from the detail record for each line item. If a Unit of Measure is not entered on the detail record it defaults from the header record. Caterpillar requires "PC." Transmitted in the CTP segment.
- Caterpillar Receiving Mailbox - Each facility of Caterpillar has its own mailbox. If a facility is (CMS Only) communicating with the Caterpillar Mailbox System (CMS), the mailbox ID for that facility code must be entered. If it is not entered, a terminal error is reported at the time the catalog transmission file is created.
- Contact Name - Not used by Caterpillar.
- Contact Number - Not used by Caterpillar.

Select a record from the Catalog Detail List to display the detail screen. Or, press F6 from the Catalog Detail List to add a record.

### Detail Screen

VLD7012A		CATALOG DETAIL MAINTENANCE		
Company	01	OEM	P	Action Code
<hr/>				
-				
Catalog Number .....	991109	Cust Abbrev .....	CAT	
Catalog Version .....	1	Dest Abbrev .....	CAT	
Catalog Purpose .....	PC	Model Year .....		
Plant ID .....	D2403A0	Purchase Order .....	PS9507092A	
In-House Part .....	AC001			
Customer Part .....	20150AC001			
Engineering Rev Lvl.		Unit Price (6 dec).	5.000000	
Effective Date .....	0/00/00	Price Type Qual....		
Expiration Date .....	12/12/XX	Quantity .....		1
Minimum Qty .....		Unit of Measure ...		
Charge Amt (2 Dec) .....	.00	Maximum Qty .....		
Reason Qualifier .....		Minimum Order Amt..		.000000
Reason Code .....		Order Multiple ....		
Reference Detail .....		VMRS Code .....		
F3=Exit	F10=Delete	F11=Price Break	F12=Return	
F13=Special Service		F14=Other Chgs		

- In-House Part# - Internal part number entered in the Parts Cross Reference File. Transmitted in the LIN\*VP segment.
- Customer Part - Caterpillar's part number. Transmitted in the LIN\*BP segment.

- Engineering Rev Lvl - The two-position alphanumeric engineering revision level if required. Transmitted in the LIN segment.
- Unit Price (6) - Enter the unit price. This field accepts seven whole numbers and six decimal positions.
- Caterpillar accepts only six whole numbers and three decimal positions. The last three decimal positions in this field are truncated.
- If entering decimal positions, enter the price with the decimal point. If entering a whole number (no decimal places), it is not necessary to enter the decimal point. Transmitted in the CTP segment.
- Effective Date - Defaults from the Price File. An effective date entered or changed on this screen applies only to this line item. Not transmitted.
- Price Type Qual - Valid price type qualifiers include the following:
  - CAT - Catalog Price
  - TRF - Transfer Price
- Transmitted in the PRI segment.
- Expiration Date - Not used by Caterpillar.
- Quantity - Number of units used to calculate the extended price. This field is fifteen positions long; however, Caterpillar accepts only eight positions. Transmitted in the CTP segment.
- Minimum Qty - The minimum quantity accepted to ship this part. Transmitted in the CTB segment.
- Unit of Measure - Unit of Measure defaults from the header screen. A Unit of Measure entered or changed on this screen applies only to this line item. Transmitted in the CTP segment.
- Charge Amt (2) - Not used by Caterpillar.
- Maximum Qty - The maximum quantity of this part that may be ordered. Transmitted in the CTB segment.
- Reason Qualifier - Not used by Caterpillar.
- Minimum Order Amt - The minimum dollar amount of this part that may be ordered. Transmitted in the CTB segment.
- Reason Code - Not used by Caterpillar.
- Order Multiple - The package quantity (the number of parts per container). Orders are rounded up to package quantity.
- Example: If "10" is entered in the Order Multiple field of the detail screen, and if "45" parts are ordered, the quantity is rounded up to 50.
- Transmitted in the CTB segment.

- Reference Detail - Enter free-form notes. Transmitted in the NTE segment.
- VRMS Code - Not used by Caterpillar.

## Functions

- F11 Price Break - Used to enter price break information.
- F13 Special Service - Used to enter initial set-up charges associated with the price catalog.
- F14 Other Chgs - Used to enter on-going and/or recurring charges associated with the Price Catalog. For example: packaging, tooling, scrap, and machining charges.

## F11 - Price Break

(From the Detail Screen)

### Price Break Window

VLD7012B	Additional Pricing Information		
	SeqNo	Unit Price	Quantity
	1	.000000	
	2	.000000	
	3	.000000	
	4	.000000	
	5	.000000	
	6	.000000	
	7	.000000	
	8	.000000	
			More...
	F6=Add/Update		F12=Return

If the price of a part changes depending on the quantity ordered, price breaks are entered. Enter the unit price and the quantity break number of this part. On each line, enter the unit price and the high quantity for that price until all price breaks for this part have been entered. The last price break entered is to the maximum quantity on the detail screen that can be ordered.

Example:

Unit Price Quantity

Unit price entered on the detail screen = 0-100

\$250.00 per part = 101-200

\$200.00 per part = 201-500

\$150.00 per part = 501-maximum quantity entered on the detail screen

After the price break information has been entered, press F6 to create (or update) pricing information.

This screen is informational only, and price calculations are not performed. The price break information is transmitted in the CTP segment.

## F13 - Special Service

(From the Detail Screen)

Enter and/or maintain initial set up charges associated with the price catalog.

### Special Service Window

VLD7012C						
Special Services						
SeqNo	Chg	SS Code	Amount	Quantity	Alw/	
					Unit	Charge
1	C	SU	.00			
2	C	SU	.00			
3	C	SU	.00			
4	C	SU	.00			
5	C	SU	.00			

More...

F6=Add/Update    F12=Return

All initial set-up charges associated with the price catalog are displayed. After set-up charges have been entered, press F6 to create (or update) the charges.

The set-up charges are transmitted in the SSS segment.

## F14 - Other Chgs

(From the Detail Screen)

Enter and/or maintain other charges associated with the price catalog.

### Charge Window

VLD7012D OTHER CHARGES Alw/ SeqNo Chg SS Code Amount Quantity Unit Charge U/M						
1			.00			
2			.00			
3			.00			
4			.00			
5			.00			
						Bottom
F6=Add/Update		F12=Return				

All other charges associated with the price catalog are displayed. After other charges have been entered, press F6 to create (or update) the charges.

SS Code indicates "special service" charge. Examples of other charges include packaging, tooling, scrap, and machining charges.

The on-going and/or recurring charges are transmitted in the ITA segment.

## Response to Quote Menu

VLD5000P1	4/24/XX	MENU: VL50P	15:19:28
12.0		-----	
CATERPILLAR RESPONSE TO QUOTE MENU			
-----			
<ol style="list-style-type: none"> <li>1. Maintain Response to Quote</li> <li>2. Print Quotes (840/843)</li> <li>3. Create and Transmit Response to Quote (843)</li> <li>4. Purge Response to Quote</li> <li>5. Reactivate Response to Quote</li> </ol>			
-----			
<ol style="list-style-type: none"> <li>23. Return to Caterpillar V/L Telecommunications Menu</li> <li>24. Return to Main Menu</li> </ol>			
-----			
Option			

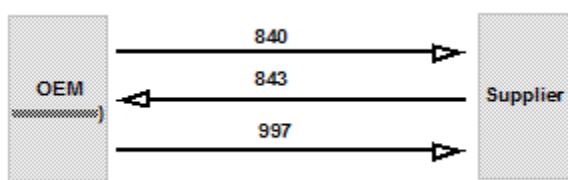
## Overview

The Request for Quote Menu is used to access, maintain, and work with Requests for Quotes (840s) received from Caterpillar and to respond to the 840 with a Response to Request for Quote (843). From this menu, data received on the 840 can be changed and modified as needed.

Using option 3 (Create and Transmit Response to Quote), a Response to Request for Quote (843) is created and transmitted to Caterpillar. 843s are created, transmitted, purged, and reactivated. The 997 file is sent to the supplier from Caterpillar to acknowledge receipt of the 843.

The 840/843 data are stored in AutoRelease universal files: VPX843A-VPX843Z.

As depicted below, Caterpillar transmits an 840 (Request for Quote) file to the supplier. The supplier receives and modifies the request for quote. The 843 (Response to Request for Quote) file is created and transmitted to Caterpillar. Caterpillar then transmits a 997 to the supplier to acknowledge the receipt of the 843 file.



## Maintain Response to Quote

(Option 1 on the VL50 menu)

This menu option displays a list of records in the 840/843 file. A record can be selected to be maintained. Some data are sent from Caterpillar in the 840 file; the remaining data required by Caterpillar is entered when the 843 is created. A Response to Quote (843) is created using the Create and Transmit Response to Quote (843) option.

A quote can be accessed and changed (status of "O" for "Open"). To save a partially completed Open quote without sending it, the status must be changed to "H" for "Hold," or it must be transmitted. When Enter is pressed on a maintenance screen, all required fields that are missing data are highlighted and warning messages display.

Requests for Quotes (840) and Responses to Requests for Quotes (843) are identified by the following action codes:

H - Hold When a Request for Quote (840) is received, it is assigned a status of "H" for "Hold."

O - Original Ready for transmission. The user changes the status to "O" when the quote is complete and ready to be sent to Caterpillar. The file to be transmitted is created from records with a status of "O."

T – Transmitted. The quote remains in the file after transmission with a status of "T" until it is purged.

The action codes may be displayed and maintained on several screens, shown below.

- Quote Selection (Response Listing) Screen - Displays a list of all 840 records received and 843s created that have not been purged, whether the status is "H," "O," or "T." On this screen, the Cde column shows the action code for each record; it may be changed.

- Header Screen - Displays all data received from Caterpillar pertaining to this quote. Some of the data can be maintained. On this screen, the action code displays in the Action Code field and may be changed. The sender mailbox ID must be entered in the Send Mailbox ID field.

The unit of measure may be required on many different screens and windows. Valid Unit of Measure codes include the following:

AY	- Assembly	CM	- Centimeter	GR	- Gram
BA	- Bale	CN	- Can	HR	- Hours
BD	- Bundle	CO	- Count	HU	- Hundred
BF	- Board Feet	CP	- Crate	IN	- Inch
BG	- Bag	CR	- Cubic Meter	JR	- Jar
BO	- Bottle	CT	- Carton	KG	- Kilogram
BR	- Barrel	CW	- Hundred Pounds (CWT)	KT	- Kit
BX	- Box	CY	- Cubic Yard	LN	- Length
CA	- Case	DA	- Days	LO	- Lot
CB	- Carboy	DK	- Kilometers	LT	- Liter
CC	- Cubic Centimeter	DR	- Drum	LY	- Linear Yard
CD	- Carat	DZ	- Dozen	ME	- Milligram
CF	- Cubic Feet	EA	- Each	ML	- Milliliter
CH	- Container	FT	- Foot	MM	- Millimeter
CL	- Cylinder	GA	- Gallon	MN	- Metric Net Ton
MO	- Months	PR	- Pair	SO	- Spool
MR	- Meter	PT	- Pint	ST	- Set
NB	- Barge	QT	- Quart	SY	- Square Yard
NC	- Car	RE	- Reel	TB	- Tube
NR	- Container	RL	- Roll	TG	- Gross Ton
OZ	- Ounce - AV	SC	- Square Centimeter	TK	- Tank
PA	- Pail	SF	- Square Foot	TN	- Net Ton (2,000 LB.)
PC	- Piece	SH	- Sheet	TO	- Troy Ounce
PF	- Pallet (lift)	SI	- Square Inch	TY	- Tray
PK	- Package	SM	- Square Meter	WK	- Week

The selection screen lists 840 records with a status of "O" or "H" and 843 records with a status of "T." Quotes can be changed. Quotes with a status of "T" (Transmitted) cannot be transmitted unless the status is changed back to "O" (Open).

## Quote Selection Screen

VLD5100A		QUOTE RESPONSE LISTING						
Option: 1=Select		Position to Request:						
3=Copy 4=Delete								
Opt	CO	Cde	Request #	RFQ Date	Recv. Date & Time	Send Date & Time		
KF	O		17509	5/30/XX	1/03/XX 10:47:55	5/16/XX 19:39:34		
Bottom								
F3=Exit		F6=Create Unsolicited Quote						
F17=Top		F18=Bottom						
* Unsolicited Quote								

- Position to Request field - To position the list at a specific request number, enter the request number in this field and press Enter.
- Symbol preceding the Cde - An asterisk (\*) indicates an “unsolicited quote.” This means an
- (Action Code) column 840 request for quote was not received via EDI from Caterpillar; however, a request for quote may have been received through another method such as fax or telephone. This status is not maintainable.
- If this field is blank, the request for quote record was received from Caterpillar via EDI.

### Options:

- 1 Select - Enter “1” next to the record to display it and press Enter. The header screen displays with all data received from Caterpillar on this quote.
- 3 Copy - Enter “3” next to the record to create a duplicate part record with the current date and time in the Received Date and Time fields.
- 4 Delete - Enter “4” next to the record(s) to delete and press Enter. The Delete Confirmation window displays, listing the records that have been selected. Press F23 to delete or F12 to return.

### Function:

- F6 - Create Unsolicited Quote - Press F6 to create an unsolicited quote. The Unsolicited Quote Add screen displays. This screen contains fields for Supplier ID, Quote Facility / Buyer, and Reference Number. The reference number entry is optional and is used for internal purposes only. The reference number is not transmitted in the 843 file.

## Header Screen

Enter 1 (Select) next to a record on the Quote Selection screen to display the header screen. The header screen displays all data received from Caterpillar pertaining to this quote. Some of this data can be maintained.

**Header Screen**

VLD510P1	REQUEST FOR QUOTE MAINTENANCE	
Company.....	KF	OEM..... P
Header Information		
Supplier ID.....	K0108V0	Purpose Code..... 00 Original
Issuer DUNS.....	90	Action Code..... O
Price List Reference	17509	Send Date..... 5/16/XX
Send MailBox Id.....	CAT843MB	Send Time..... 19:39
Buyer Currency Code.		Receive Date..... 1/03/XX
Required By Date....	6/29/XX	Receive Time..... 10:47
Price Effective Date	3/15/XX	
F3=Exit F4=Names F5=Inbound Notes F12=Return Enter=P.O.		

Fields displayed in bold are maintainable. The remaining fields contain information received in the 840 file that cannot be changed. The Action Code, Send Mailbox ID, Buyer Currency Code, and Price Effective Date may be changed to be returned in the 843 file.

- Supplier ID - Supplier code assigned by Caterpillar. This is entered in the Supplier Code field in the Requirement Master and the Plant ID field in the Identification Code File.
- Purpose Code - Valid inbound purpose codes (840) include the following:  
00 - Original
- Valid outbound purpose codes (843) include the following:  
00 - Original
- Issuer DUNS - Caterpillar's DUNS number.
- Action Code - H - Hold When a quote (840) is received, it is assigned a status of "H" for "Hold."
- O - Original Ready for transmission. The user changes the status to "O" when the quote is complete and ready to send to Caterpillar. The file to be transmitted is created from records with a status of "O."
- T - Transmitted A quote remains in the file after transmission with a status of "T" until it is purged.
- Price List Reference - The 840/843 reference number.
- Send Mailbox ID - Each Caterpillar facility may have its own mailbox ID. Multiple mailboxes are entered per company. Enter the facility mailbox ID.
- Buyer Currency Code - A code that represents the country currency of the buying party. These codes are informational only and are not validated.

Examples:

USD - US Dollars

YEN - Japanese Yen

PES - Mexican Peso

CAN - Canadian Dollars

- Send Date - The date, as entered by the system, when the 843 file was transmitted to Caterpillar.
- Required by Date - The date the Response to Quote (843) is required to be transmitted to Caterpillar.
- Send Time - The time, as entered by the system, when the 843 was transmitted to Caterpillar.
- Price Effective Date - Enter the effective date that applies to all line items for this response to quote. An effective date for individual line items may be entered on the Price List Item Data screen.
- Receive Date - The system date of the incoming 840 file in MM-DD-YY format.
- Receive Time - The system time of the incoming 840 file in HHMMSS format.

**Functions:**

- F3 Exit - Returns to the Quote Selection screen (Quote Response List).
- F4 Names - Displays the Name Information window with the selling party and buying party names and addresses.
- F5 Inbound Notes - Displays the Inbound Notes window with notes from Caterpillar received on the 840.
- F12 Return - Returns to the Quote Selection screen (Quote Response List).
- ENTER P.O. - Displays the Price List Item Detail window, with buyer part number, quantity, and unit price information for the selected quote. Select a record with "1" to display the Purchase Order screen.

## F4 - NAMES

(From the Header Screen)

This function displays the Name Information window, which contains information regarding the supplier and buying party (purchaser).

### Name Information Window

NAME INFORMATION	
Select: 2=Contact	
Opt	Name and Address
Supplier	GENERIC COMPANY INC K0108V0
Buying Party (Quote Facility)	CATERPILLAR, INC. 90
	1234 MAIN STREET
	PEORIA IL 61630
Bottom	
F12=Return	

### Option 2 Contact

(From the Name Information Screen)

This option displays the Contact window, which contains contact information for the supplier and buying party (purchaser).

### Communication Contact Window

COMMUNICATION CONTACT		
Contact		
Code	Contact Name	Contact Number
BD	BILL BROWN	
IC	SALLY SMITH - PURCHASING	
Bottom		
F12=Return		

Valid contact codes include the following:

BD - Buyer Name

IC - Information Contact

**F5 - Inbound Notes**

(From the Header Screen)

This function displays the Inbound Notes window, which contains notes received from Caterpillar in the NTE segment of the 840 file

### Inbound Notes Window

INBOUND NOTES	
Description	
THIS IS NOT AN ORDER. SPECIAL NOTICE TO SUPPLIER 1. SHOW INQUIRY NUMBER ON ALL QUOTATIONS. 2. ITEMIZE ALL UNIT PRICES, DISCOUNTS, TERMS, AND CHARGES, SHOW TAXES SEPARATELY, IF APP LICABLE. 3. IF UNABLE TO QUOTE, ADVISE AT ONCE AND RETURN B LUE-PRINTS SPECIFICATIONS, ECT. 4. ATTACH COMPLETE SPECIFIC	
More...	
F12=Return    F17=Top    F18=Bottom	

### Price List Item Data Window

(From the Detail Selection Screen)

Select with "1" to display the Price List Item Data window, which contains some fields that may be changed.

#### Price List Item Data Window

VLD510P2	REQUEST FOR QUOTE MAINTENANCE	
Company: KF		OEM: P
Price List Item Data		
Price List Ref#...: 17509		
P.O.Line#:	Price Cd: QT	Unit Price:
Unit Of Measure...: PC Piece	Buyer Part #.. 1A1-0001	
Buyer Currency Cd:	Part Class Cd.	
Order Quantity...:	Vendor Part #.	
Price Eff Date...: 0/00/00	Eng Change.... 03	
Lead Time (Days) ..:	Part Desc..... PLATE	
F2=Measurement    F3=Exit    F4=Allowance    F5=Inbound Nte    F6=Outbound Nte		
F7=Pkg    F8=Ref    F9=Pricing    F10=Conditions    F11=Forecast    F12=Return		

Fields displayed in bold are maintainable. The remaining fields contain information received in the 840 file that cannot be changed.

- Price Cd - The price code received in the 840 file indicates the type of pricing required on the response to quote. Valid price codes include the following:
  - AP - Advise price (received only; cannot be transmitted in the 843 file)
  - NQ - No quote
  - QT - Quoted
- Unit of Measure - The Unit of Measure as entered in the Destination File. Valid Unit of Measure Abbreviations are listed after the overview of The Maintain Response to Quote option.
- Buyer Currency Cd - The buyer's currency code.
- Part Class Cd - Enter the part class code used by Caterpillar.
- Vendor Part # - Vendor part number used by Caterpillar.
- Price Eff Date - Enter the effective date that applies to the selected line item. An effective date for the entire 843 may be entered on the header screen.
- Eng Change - Engineering change level transmitted by Caterpillar.
- Lead Time (Days) - Enter the number of days from the Purchase Order date to the date the shipment is to be received.
- Part Desc - Enter a description of the part.

Functions:

F2 - Measurement - Displays the Measurement window, which contains the measurement qualifier, value, and unit of measure.

F3 - Exit - Returns to the Quote Selection screen (Quote Response List).

F4 - Allowance - Displays the Allowance, Charge, or Service screen.

F5 - Inbound Nte - Displays the Inbound Notes window, which contains notes from Caterpillar that were received on the 840.

F6 - Outbound Nte - Displays the Outbound Notes window, where notes may be entered to be transmitted to Caterpillar in the 843 file.

F7- Pkg - Displays the Packaging Instructions window, which contains a description of the packaging instructions.

F8 - Ref - Displays the Reference Numbers window, which contains the reference number, code, and description.

F9 - Pricing - Displays the Bracket Pricing Information window, which contains the code, unit price, quantity, and unit of measure.

F10 - Conditions - Displays the Conditions and Restrictions window, which contains the condition / restriction qualifier and quantity.

F11 - Forecast - Displays the Forecast Schedules window, which contains the forecast type, frequency, quantity, and date.

F12 - Return - Returns to the detail selection screen.

## F2 - Measurement

(From the Price List Item Data Window)

This function displays the Measurement window, which contains the measurement qualifier, measurement value, and Unit of Measure.

## Measurements Window

MEASUREMENTS

Options: 1=Select 4=Delete

	Measurement	Measurement	
Opt	Qualifier	Value	U of M

F6=Add F12=Return F17=Top F18=Bottom

Valid measurement qualifiers include the following:

## G - Gross Weight

### WT - Weight

## Options:

- 1 Select - Select a record with "1" to modify the measurement qualifier, measurement value, or Unit of Measure.
- 4 Delete - Select a record with "4" to delete that record. The delete confirmation window displays.
- Press F23 to delete the selected record or press F12 to return without deleting the record.

## Functions:

- F6 Add - Press F6 (Add) to add a measurement record to be included in the 843 file.

## F4 - Allowance

(From the Price List Item Data Window)

This function displays the Allowance, Charge, or Service window, which contains maintainable fields for this quote.

**Allowance, Charge, or Service Window**

ALLOWANCE, CHARGES, OR SERVICE					
Options: 1=Select 4=Delete					
Opt	Type	Special Service Cd	Chrg/Allw Amount	Chrg/Allw Quantity	UofM
	A	DI	1234567.89		EA
Bottom					
F6=Add    F12=Return    F17=Top    F18=Bottom					

**Options:**

- 1 Select - Select a record with "1" to modify the charge indicator, special service code, charge total price, A / C quantity, or Unit of Measure.
- 4 Delete - Select a record with "4" to delete that record. The delete confirmation window displays. Press F23 to delete the selected record or press F12 to return without deleting the record.

**Functions:**

- F6 - Add - Press F6 (Add) to add an allowance, charge, or service record to be included in the 843 file.

**Fields:**

- Charge Indicator - Valid codes include the following:  
A - Allowance  
C - Charge
- Special Service Cd - Valid codes include the following:  

A0020 - Heat Treat / Annealing	A0030 - Art Work
B0038 - Duty and Brokerage	B0040 - Burning
C0032 - Coating	C0072 - Crafting
C0050 - Competitive Allowance	C0090 - Cutting
DI - Discount / Allowance	DM - Demurrage
D0022 - Deposit	EC - Engineering
E0012 - Carping	E0024 - Escalation
F0011 - Fed. Excise Tax (% Val)	F0030 - Freight
F0012 - Fed. Excise Tax (% Val)	G001 - Grinding
HD - Handling	I0012 - Installation

I0014 - Incoming Freight	I0022 - Identification
L0010 - Labor	L0020 - License Fee
M0022 - Mileage / Travel Charge	M0042 - Mounting
N0020 - Non Returnable Containers	PC - Packaging
O0010 - One Time Only Charge	PL - Palletizing
P0012 - Painting	P0014 - Phophatizing
P0016 - Pickle and Oil	P0018 - Plating
R0072 - Repair	R0074 - Retainer
R0076 - Returnable Container	R0110 - Rework
R0112 - Roll Rebate	SU - Setup / Preparation
S0014 - Shearing	S0016 - Shot Blasting
S0018 - Scrap / Scrap Allowance	S0022 - Sleaving
S0052 - Stamping	S0056 - Strapping
S0092 - Surcharge (\$)	S0093 - Surcharge (%)
TAR - Tarping	TO - Tooling
T0080 - Trade in Allowance	

#### **F5 - Inbound Nte**

(From the Price List Item Data Window)

This function displays the Inbound Notes window, which contains the notes received from Caterpillar in the NTE segment in the 840 file.

#### **F6 - Outbound Nte**

(From the Price List Item Data Window)

This function allows the user to enter notes in the Outbound Notes window to transmit to Caterpillar in the 843 file.

#### **F7 - Pkg**

(From the Price List Item Data Window)

This function displays the Packaging Instructions window, which contains a description of the packaging instructions.

#### **F8 - Ref**

(From the Price List Item Data Window)

This function displays the Reference Numbers window, which contains the reference number, code, and description.

## **F9 - Pricing**

(From the Price List Item Data Window)

This function displays the Bracket Pricing Information window.

BRACKET PRICING INFORMATION					
Options: 1=Select 4=Delete					
Opt	Code	Unit	Price	Quantity	U of M
	MIN		1.234560	1	PC
	PBQ		1.234500	1	PC
Bottom					
F6=Add F12=Return F17=Top F18=Bottom					

Code - Valid price codes include the following:

MIN - Minimum Dollar Order  
PBQ - Price Beginning at Bracket Quantity

Options:

- 1 Select - Select a record with "1" to modify the price code, unit price, or quantity.
- 4 Delete - Select a record with "4" to delete that record. The delete confirmation window displays. Press F23 to delete the selected record or press F12 to return without deleting the record.

Functions:

F6 - Add - Press F6 (Add) to add an allowance, charge, or service record to be included in the 843 file.

## **F10 - Conditions**

(From the Price List Item Data Window)

This function displays the Conditions and Restrictions window, which contains maintainable fields for this quote.

## Conditions and Restrictions Window

CONDITIONS AND RESTRICTITONS

Options: 1>Select 4=Delete

Opt	Condition/Restriction	Qualifier	Quantity
-----	-----------------------	-----------	----------

F6>Add F12=Return F17=Top F18=Bottom

- Condition / Restriction Qualifier - Valid Condition / Restriction Qualifiers include the following:
  - 57 - Minimum Order
  - 69 - Order Multiple
  - 70 - Maximum Order

## Options:

1 Select - Select a record with "1" to modify the restriction type, quantity qualifier, or restriction quantity.

4 Delete - Select a record with "4" to delete that record. The delete confirmation window displays. Press F23 to delete the selected record or press F12 to return without deleting the record.

## Functions:

F6 - Add - Press F6 (Add) to add a Conditions and Restrictions record to be included in the 843 file.

## F11 - Forecast

(From the Price List Item Data Window)

This function displays the Forecast Schedules window.

## Forecast Schedules Window

FORECAST SCHEDULES

Forecast Type	Forecast Frequency	Quantity	Forecast Date
D	A	21	2/05/XX

Bottom

F12=Return   F17=Top   F18=Bottom

Fields In this window contain data received in the 840 file.

Forecast Type - Valid type codes include the following:

- D - Planning
- M - Maximum
- Forecast Frequency - Valid frequency codes include the following:
- A - Annual
- D - Discrete

## Print Quotes (840 / 843)

(Option 2 on the VL50 menu)

This option prints the Caterpillar Request for Quotes Report. Requests for Quotes (840s) are received from Caterpillar. The Caterpillar Transaction Sets Received Audit Report, printed during the "Breakdown," indicates if 840s were received. The data in this file is accessed and the response is entered using the option Maintain Response to Quote. When all data has been entered, the 843 is created and transmitted.

The data in this file may be printed at any time until the Response to Quote file is purged.

## Create and Transmit Response to Quote (843)

(Option 3 on the VL50 menu)

This option converts the Response to Quote data into the format necessary for transmission, checks for errors, creates the file to be transmitted, and initiates the communication procedure.

### Create and Transmit RFQ Response Screen

VLD5310B	CREATE AND TRANSMIT RFQ RESPONSE
Enter Quote Number or leave blank for ALL	
RFQ Number.....	
Control Number ..... 042415433	
Transaction Mode (T/P) ... P	
F3=Exit F4=Prompt	

- RFQ Number - Enter the Request for Quote Number assigned by Caterpillar.
- Control Number - A control number generated by the system when this option is taken. It contains month, day, hour, minute, and a sequential file number.

Transaction Mode

T - Test

P - Production

- F4 - Prompt - From the Create 843 screen displays the review screen. This option converts the Response to Quote data into the format necessary for transmission, checks for errors, creates the file to be transmitted, and initiates the communication procedure.

## Purge Response to Quote

(Option 4 on the VL50 menu)

This option removes 840 and 843 data with a status of "T" from the files and prints a list of purged records. When files are selected to be purged, all files are purged for the selected date range.

VLD5210A		
PURGE CATERPILLAR REQUESTS FOR QUOTE		
Enter the following:		
RFQ Number .....	From	To
- OR -		
Send Date .....	0/00/00	0/00/00
- OR -		
Received Date ...	0/00/00	0/00/00
F3=Exit		

- RFQ Number - Enter a range of Caterpillar request numbers to purge.
- Send Date - Enter a send date range to purge. Send date is the date the response was sent to Caterpillar.
- Received Date - Enter a received date range to purge. Received date is the date the request for quote was received from Caterpillar.

Press Enter. A report prints, listing purged records.

## Reactivate Response to Quote

(Option 5 on the VL50 menu)

This option changes 843 records with a status of "T" for "transmitted" to "O" for "open" so they can be transmitted again.

VLD5210A	REACTIVATE CATERPILLAR REQUESTS FOR QUOTE	
Enter the following:		
	From	To
RFQ Number .....		
- OR -		
Send Date .....	0/00/00	0/00/00
- OR -		
Received Date ...	0/00/00	0/00/00
F3=Exit		

- RFQ Number - Enter the Caterpillar request number to be reactivated.
- Send Date - Enter a send date range to be reactivated. The send date is the date the response was sent to Caterpillar.
- Received Date - Enter a received date range to be reactivated. The received date is the date the Request for Quote was received from Caterpillar.

Press Enter. A report prints, listing reactivated records.

## ASNs

VLD8000P1	4/24/XX	MENU: VL8P	15:46:56												
12.0	-----														
CATERPILLAR ADVANCED SHIPPING NOTIFICATIONS															
-----															
<table border="0"> <tr> <td>1. Maintain ASNs</td> <td>7. List Printed Bar Code Labels</td> </tr> <tr> <td>2. List ASNs</td> <td>8. Create and Transmit ASNs</td> </tr> <tr> <td>3. Upload / Convert Bar Code Data</td> <td>9. Purge Printed Bar Code Labels</td> </tr> <tr> <td>4. Maintain Bar Code Data</td> <td>10. Purge Transmitted ASNs/Bar Code Data</td> </tr> <tr> <td>5. Maintain Printed Bar Code Labels</td> <td>11. Reactivate Transmitted ASNs/Bar Code</td> </tr> <tr> <td>6. List Bar Code Data</td> <td>12. Detail Mill Heat Test Result Menu</td> </tr> </table>				1. Maintain ASNs	7. List Printed Bar Code Labels	2. List ASNs	8. Create and Transmit ASNs	3. Upload / Convert Bar Code Data	9. Purge Printed Bar Code Labels	4. Maintain Bar Code Data	10. Purge Transmitted ASNs/Bar Code Data	5. Maintain Printed Bar Code Labels	11. Reactivate Transmitted ASNs/Bar Code	6. List Bar Code Data	12. Detail Mill Heat Test Result Menu
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23. Return to V/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 Maintenance Screen

ASN MAINTENANCE					
Company KB	Sequence number	922	OEM P	ASN V	Action Code O
Shipper # .... 111739			Shp# Alpha Suffix		
Ship Date .... 12/07/XX			In-House Part # 163-0872		U of M ...
PC					
Ship Time .... 1626			Customer Part # 163-0872		
Arrival Date . 12/08/XX			Part Desc ..... WHEEL		
Arrival Time . 1200			Conv Bill # ... 111739		
Cust Abbrv ... CAT			Plant Id ..... 12345		
Dest Abbrv ... CAT			Pull Trigger ..		
Dock .....			Container Qty . 10		Container Desc ..
CTN90					
Qty Ship .... 10			Pallet Qty .... 10		Pallet Desc .....
PLT90					
Pkg Qty..... 1			Net Weight .... 150		Carrier Abbrv ... CTNR
Conv Code .... M			Tare Weight ... 510		Dest Carrier ....
Country/Origin US			Pro Number .... 11114444		
Unit Price(6) 15000000					
Prim Metals ..			Engr Level .... MANUAL2		
Release # .... 5555			PO Number .... 66666666		PO Line .. 6
Shp Line # ... 1			Heat Code .....		
Currency Cd .. USD			1E Spec .....		
			Payment ..... Collect X	Prepaid	Ppd-Inv
F10=Delete	F12=Return				

- Company Number - Displays the company number that was previously entered.
- Sequence Number - Assigned by the system.
- OEM - "P" for Caterpillar.
- ASN - Defaults from the Destination file. The ASN Code can be changed at shipper entry time. Caterpillar uses the ASN Code "V" for variable length without bar code verification, or "C" for variable length with bar code verification.

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

- Action Code - The action code places the corresponding two-digit code in the BSN 01 segment of the ASN file. Valid action codes include the following:
  - O - Original 00
  - N - Cancel 01
  - R - Replace 05
  - C - Change 04
  - D - Delete 03
  - H - Hold Record will not be included in transmission.
- Shipper Number - Shipper number assigned by the system when the shipper was created.
- Shipper # Alpha - This is used for correcting an ASN when an 824 was received indicating there were errors. Enter the shipper number with an alpha suffix added to the end.
- Example: If the shipper number was 12345, change it to 12345A and resend it.
- Ship Date - Date of shipment in the MMDDYY format. Defaults from shipper entry time.
- In-House Part # - Internal part number entered in the Parts Cross Reference File.
- Unit of Measure - Defaults from ASN Unit of Measure field in the Destination File. It can be changed at shipper entry time.
- Ship Time - Time entered at shipper entry time (HHMM) in military format. If no time is entered, the ship time is defaulted from the system time when the "Extract" option is taken.
- Customer Part# - Caterpillar's part number.
- Arrival Date - The arrival date is required. Defaults from shipper entry time.
- Part Descrip - Defaults from the Parts Cross Reference File.
- Arrival Time - The arrival time transmitted in the DTM\*017 segment is the system time when the "create" option is taken.
- Conv Bill - Defaults from the Conveyance Number field at shipper entry time if a trailer number or air freight number was entered. If there was no entry at that time, the shipper number is defaulted.
- Customer Abrv - User-assigned abbreviation that must be entered in the Machine Readable File.
- Plant ID - Supplier code assigned by Caterpillar. This is entered in the Supplier Code field in the Requirement Master and the Plant ID field in the Identification Code File.
- Destination Abrv - User-assigned abbreviation that must be entered in the Machine Readable File to return the correct destination code in the ASN file.
- Pull Trigger - Pull trigger reference number from the 862 Pull Trigger transaction set. This number is stored in the release number cross reference file and is added to the ASN file during shipper extract. It is sent on the 856 in a detail level REF\*TN segment.

- Country of Origin - Country where the last significant change was made to the material.
- Dock - Code representing the dock at the destination location if a dock code was transmitted. Defaults from the Requirement A record. The Destination Abbreviation with the dock code must be entered in the Machine Readable Destination File to transmit the correct destination location code in the ASN file.
- Container 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.
- Container Desc - Container description must be a valid AIAG standard description consisting of three alpha characters followed by two numeric characters. This defaults from the Container File. The container code can be changed at shipper entry time.
- Pallet Qty - Number of pallets, calculated by dividing the quantity shipped by the pallet capacity entered in Requirement A record. The pallet quantity can be changed at shipper entry time.
- Pallet Desc - Defaults from the Requirement Master or from shipper entry time. The pallet description must be an AIAG standard code. (See Appendix A for a list of codes.)
- Quantity Ship - Number of pieces shipped for this part. If a part number is found multiple times on a shipper, it must have the same Unit of Measure, Purchase Order Number, and engineering revision number. The quantities are added together and become the ship quantity. The part is written once in the "create" with the accumulated quantity shipped.
- Net Weight - Total weight of parts, calculated by multiplying the quantity shipped times the net weight per part entered in the Parts Cross Reference File. It can be changed at shipper entry time.
- Carrier Abbr - Carrier Abbreviation (SCAC code), which defaults from the Carrier Abbreviation field in the Carrier File.
- Pkg Qty - Defaults from the Requirement A record to be returned in the CLD segment in the ASN file.
- Tare Weight - The weight of the container(s), which is calculated based on the container and pallet weights entered in the Container File. The tare weight can be changed at shipper entry time.
- Dest. Carrier - Carrier Abbreviation (SCAC code), which defaults from the Delivery Carrier field in the Carrier File.
- Conv Code - AIAG standard code, which describes the method of conveyance. Defaults from the Carrier File. It can be changed at shipper entry time.
- Unit Price - The unit price is used for Pay-on-Receipt suppliers. Defaults from the Price File to be transmitted in the ASN file.
- Prim Metals - Defaults from the Supplier Type field in the Destination File.  
P - Primary Metal Supplier  
S - Parts & Service Supplier

- Engineering Lvl - Engineering level transmitted by Caterpillar. Defaults from the Default EC Level field in the Requirement C record.
- Release # - Current release number from the Requirement B record.
- P. O. Number - Purchase Order Number issued by Caterpillar. Defaults from the Requirement B record.
- Shipper Line # - Assigned by the system at shipper "create" time. The shipper line number is used only when a miscellaneous charge is associated with this line item.
- Heat Code - Code identifying the melting point (entered at shipper entry time). Heat code is required if Supplier Type in the Destination file is "P" for primary metal supplier.
- Currency Code - Defaults from the Price File. Caterpillar requires this only when currency is not U.S. dollars.
- 1E Spec - Defaults from the OEM Misc. Info field in the Parts Cross Reference File.
- Payment - Collect; Prepaid; or Prepaid, Invoiced.
- Defaults "X" to designate the method of freight payment from the Destination File or the Control File.
- If no "X" is defaulted, or if the "X" is removed from all three fields, the freight payment is designated as "Free Astray" by placing "PO" in the FOB segment in the ASN file.

## **F7 - Misc. Charge**

(From the Selection Screen)

This function key, if pressed with the Sequence Number field blank, displays the Miscellaneous Charge screen for you to 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 Caterpillar.

Additions entered or changes must be added to or changed in the Accounts Receivable Interface, since the Interface file was already created during the "Extract."

**Miscellaneous Charge Screen**

VLD8100P4		ASN Miscellaneous Charge Maintenance	
Sequence number	Company	KB	Action Code
---			
Shp# .....	Shp# Alpha Suffix	OEM / ASN ..	/
In-House Part#		Cust Abrev..	
Cust Part # ..		Dest Abrev..	
Unit of Meas..		Ship Line#..	
Spec Serv Cd..			
Quantity.....			
Unit Price (6)	Extended Amt..	00000000.00	
Description...			
<p>Please Note *-(Changes made to miscellaneous charges on this screen            will not be reflected in your Accounts Receivable            package.</p> <p>A manual adjustment should be made to A/R if you add,            change or delete any Miscellaneous Charges here.)</p>			
F10=Delete F12=Return			

- Shp# - Shipper number.
- Shp# Aplhp Suffix - The alpha suffix added to the end of the shipper number.
- OEM - "P" for Caterpillar.
- ASN - Defaults from the Destination File. The ASN code can be changed at shipper entry time. Caterpillar uses the ASN code "V" for variable length without bar code or "C" for variable length with bar code.
- In-House Part# - Internal part number.
- Dest Abrev - Destination Abbreviation associated with this shipment.
- Cust Part # - Caterpillar's part number.
- Cust Abrev - Customer Abbreviation associated with this shipment.
- Unit of Measure - Defaults from the ASN Unit of Measure field in the Destination File. It can be changed at shipper entry time.

- Ship Line # - The shipper line number is used to attach a miscellaneous charge to a line item on this shipper. It is assigned at shipper "create" time and extracted to the ASN file.
- The ship line number entered when you manually enter an ASN record with a miscellaneous charge must match the ship line number' on the miscellaneous charge record being attached to that line item.
- Special Service Code - Additional charge code.
- Quantity - Number of units used to calculate the extended price.
- Unit Price - Unit price entered to six decimal places. Do not enter the decimal point.
- Extended Amt - Extended amount to two decimal places. The extended price is calculated by multiplying the quantity times the unit price. This field cannot be maintained.
- Description - Additional charge description.

## Maintain Bar Code Data

(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 will match the Label Serial Number field.
- Label Type:
  - M or 4S - Master label
  - S - Single label
  - G or 5S - Mixed label
- Package Quantity - If the label type is "M" or "4S," enter the total number of pieces for this master label.
- If the label type is "S," enter the number of pieces for a single container.
- If the label type is "G" or "5S," leave this field blank.
- Customer Part Number - Caterpillar's part number.
- RAN Number - Receipt authorization number (not used by Caterpillar).

- Returnable Container - Serial number from the bar code label for the returnable container.
- Purchase Order Number - Not used by Caterpillar.
- IPP Tag Number 1 - Not used by Caterpillar.
- IPP Reason Code 1 - Not used by Caterpillar.
- IPP Tag Number 2 - Not used by Caterpillar.
- IPP Reason Code 2 - Not used by Caterpillar.
- OEM (NC / TM) / Label Type - OEM - Not used by Caterpillar.
- Label Type - Not used by Caterpillar.
- 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 Caterpillar.
- Package Quantity - Quantity shipped / scanned.
- Customer Part Number - Caterpillar's part number.
- RAN Number - Not used by Caterpillar.
- Purchase Order Number - Not used by Caterpillar.
- Model Year - Model year as required by the OEM.
- 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 Caterpillar.
- Label Type - Not used by Caterpillar.

- 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.

## Detail Mill Heat Test Result Processing Menu

VLD9300P1	4/24/XX	MENU: VL93P	15:50:17
12.0	-----		
CATERPILLAR DETAIL MILL HEAT TEST RESULT PROCESSING MENU			
-----			
1. Maintenance 2. Listing 3. Create and Transmit			
23. Return to Caterpillar Advanced Shipping Notifications Menu 24. Return to Main Menu			
Option			

### Maintenance

(Option 1 on the VL93 menu)

This option is used to enter or maintain the Mill Heat Test Maintenance files: VLPTRAP - header file, VLPTRBP - detail file, and FLPTRCP - note file.

A screen will prompt for company number. A second screen will prompt for facility code and heat number.

### Initial Entry Screen

VLD9310P1	CATERPILLAR DETAIL MILL HEAT TEST RESULT MAINTENANCE		
Company	01	Facility Code	(16,18,39,40)
Heat Number			
F3=Exit F4=Prompt			

- Facility Code - Enter the facility code to which the file will be sent.
- Heat Number - Heat number/document number on which the test results are being reported. Assigned by sender.

**Maintenance Screen**

VLD9310P2 CATERPILLAR DETAIL MILL HEAT TEST RESULT MAINTENANCE		
Company 01	Facility Code 18	
Heat Number 16		CHANGE
Item Description		
Type of Material Tested:	12	(AISI table 08 code)
CAT 1E Material Spec No:	458	
Engineering Change Level:	(EC--)	
Industry Material Spec No:		
Type of Casting:	(IC, SC)	
Vacuum Degassed:	(Y, N)	
Item Identification		
Part Number:		
Purchase Order:	1236	
Heat Number:	16	
Prod Mat'l Commodity Code:		
Forger Code:		
Reduction Ratio:		
Thickness Value:	1	Unit of Meas: IN (IN/MM)
Caterpillar Receiving Mailbox (CMS only):	CAZ1EV12	
F12=Return		

- Type of Material Tested - The American Iron & Steel Institute product description code.
- CAT 1E Material Spec No - Caterpillar material specification number. Required only if the Industry Material Spec number is not entered.
- Engineering Change Level - Engineering change number.
- Industry Material Spec No - Enter the Industry Material Spec number only if the Caterpillar material spec number is not entered.
- Caterpillar Receiving Mailbox - Enter the Caterpillar mailbox to receive the 863 data if using the Caterpillar Mailbox System (CMS).
- Type of Casting - Used to identify the material as a strand casting (SC) or an ingot casting (IC).
- Vacuum Degassed - Enter "Y" only when the heat has been vacuum degassed. Enter "N" or leave blank if the heat has not been vacuum degassed.
- Part Number - Buyer's part number.
- Purchase Order - Customer's order number.
- Heat Number - Mill heat number on which the test results are being reported. Defaults from the heat number entered on the initial screen.
- Prod Mat'l Commodity Code - Product material commodity code.

- Forger Code - Supplier (forger) code.
- Reduction Ratio - Reduction ratio value.
- Thickness Value - Product thickness.
- Unit of Meas - Product thickness Unit of Measure:  
IN = inches  
MM = millimeters
- Caterpillar Receiving Mailbox (CMS only) - Enter the Caterpillar Receiving Mailbox name for CMS only.

Press Enter from the Maintenance Screen to display Maintenance Screen 2.

## Maintenance Screen 2

VLD9310P3 CATERPILLAR DETAIL MILL HEAT TEST RESULT MAINTENANCE				
Company 01	Facility Code 18			
Heat Number 16				
Transaction- Original-O, Add-A: A				
Old Heat Number (only for Add):				
Reporting Loc Supplier Code:		Estimated No. forgings:		
Melting Facility Supplier Number: 15		Grain Size:		
Performed Test Date:				
Test Time:	Ship Time:	Est Delv:	(HHMM)	
Time Zone:	Time Zone:	Time Zone:		
Results	1=Select			
Chemistry	Slug	Ladle	Ingot	Ingot
Charpy	A	B	C	
Jomin Hardness	Slug	Ingot	Ingot	
Tensile	In-proc	Finish		
Micro-Cleanliness	I-proc	Finish		
A-Rolled	Surface	Mi-Rds	Center	
F7=Note F12=Return				

- Transaction - Original - O, Add - A - Enter "O" for "original" or "A" for "add."
- Old Heat Number (only for Add) - Enter the old heat number only when adding a record.
- Reporting Loc Supplier Code - Supplier code of the location reporting the test results if different from the steel mill.
- Melting Facility Supplier Number - Caterpillar-assigned melting facility supplier number.
- Grain Size - Average grain size value.

### Crankshaft Steel Reporting

- **Forgings in heat** - Estimated number of crankshaft forgings in the heat.
- **Melt Date** - Melt date of the crankshaft steel reporting.
- **Melt Time** - Melt time of the crankshaft steel reporting. Enter in HHMM format (24-hour clock).
- **Time Zone** - Time zone of the locations providing the crankshaft steel reporting.
- **Results** - Enter "1" next to the specific characteristic to display the appropriate screen to enter or change the detail data.
- **F7 - Notes** - From the Maintenance Screen 2 displays the Note screen, on which free-format notes may be entered pertaining to the tests. This is used strictly for qualification or further explanation of the report of test results. The inclusion of notes is optional and should be used on an exception-only basis.

## Electronic Invoices

VLD7500P1	4/24/XX	MENU: VL75P	15:55:49
12.0			
<hr/>			
CATERPILLAR			
ELECTRONIC INVOICES			
<hr/>			
<ol style="list-style-type: none"><li>1. Maintain Electronic Invoices</li><li>2. Print Invoice Register</li><li>3. Create/Transmit Electronic Invoices</li><li>4. Maintain Control File</li><li>5. Purge Electronic Invoices</li><li>6. Reactivate Electronic Invoices</li></ol>			
<ol style="list-style-type: none"><li>23. Return to Electronic Invoice Processing Menu</li><li>24. Return to Main Menu</li></ol>			
Option			

Traditionally coded trading partners use a VL75xx menu (where "xx" is the OEM code) to transmit electronic invoices 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.

See the How to Use this Document section for organizational details about AutoRelease and trading partner documents.

## Maintain Invoices

(Option 1 on the VL75 menu)

### Invoice Header Screen

VLD7510P1		CATERPILLAR ELECTRONIC INVOICE MAINTENANCE	
Company Number..	KB	Invoice Number.....	111740
VLD7510P2		HEADER INFORMATION	UPDATE
Action Code.....	O	Customer Abbv.....	CAT
Invoice Date.....	12/07/XX	Dest. Abbv.....	CAT
Ship Date.....	12/07/XX	Supplier ID.....	12345
Shipper Number...	111739	Ship To Customer #	101
Conveyance Code	M	Remarks .....	
Terms NET	30	Agreement #.....	
		Additional #.....	
F12=Return			

- Action Code - Action code “T” indicates the invoice has been transmitted, and “H” indicates the record has been placed on hold. This field cannot be maintained and is not displayed when adding a record.
- Cust Abbv - User-defined Customer Abbreviation entered in the Requirement Master and the Machine Readable Files.
- Invoice Date - Defaults to the system date when adding an invoice. The format is (MM-DD-YY).
- Dest Abbv - User-defined Destination Abbreviation entered in the Requirement Master and the Machine Readable Files.
- Ship Date - The date (MM-DD-YY) that the shipment was made.
- Supplier ID - The plant code entered in the Identification Code File.
- Shipper # - The shipper number associated with this invoice.
- Ship to Cust # - The user-defined destination number entered in the Destination Master.
- Convey. Code - AIAG conveyance code.
- Remarks - Transmitted with the invoice.
- Terms - Required discount terms must be entered in the first seven positions of the field, where positions 1, 2, and 3 represent the rate (or percentage) of the discount, position 4 may be blank or the % sign, and positions 5, 6, and 7 represent the number of days this rate is valid.

## Examples:

- 1.5% discount if paid within 5 days, or net due in 30 days:
- 1.5% 005
- 1.5 005 days / net 30
- 1.5 5 days / net 30
- 1.5% 5 days
- All four examples above are valid. The first three positions must contain the percentage (or rate) and the fifth and sixth positions must contain the number of days the rate is valid. The remaining position may be entered free-form.

2% discount if paid within 10 days, or net due in 30 days:

2 10

2.0% 10 days / net 30

If no terms, enter 000 365

Press Enter, and the detail fields display.

### Detail Screen

VLD7510P1	CATERPILLAR ELECTRONIC INVOICE MAINTENANCE	
Company Number.. KB	Invoice Number.....	111740
VLD7510P2		
Action Code..... O	HEADER INFORMATION	UPDATE
Invoice Date..... 12/07/XX	Customer Abbv..... CAT	
Ship Date..... 12/07/XX	Dest. Abbv..... CAT	
Shipper Number... 111739	Supplier ID..... 12345	
Conveyance Code M	Ship To Customer # 101	
Terms NET 30	Remarks .....	
	Agreement #.....	
	Additional #.....	
VLD7510P3		
LINE ITEM INFORMATION		
Our Part#... 163-0872	Qty Ship.....	10
Cust Part#.. 163-0872	Unit Price.....	15.000000
P.O. # ..... 1111	Unit of Mea..... PC	
P.O. Line#..	Funds Type .....	USD
Release .... 5555	Customer Order #.	
F12=Return F7=Add Misc Charge F8=Add Tax F10=Delete		

Data on the electronic invoice screens may come from the file where it was originally processed or entered, or it may have been changed at ship time or through invoice maintenance.

- Our Part # - In-house part number.

- Qty Ship - Number of parts shipped.
- Customer Part# - Caterpillar's part number.
- Unit Price - The price of a single part.
- 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.
- P.O. Number - OEM-assigned Purchase Order Number.
- U/M - Unit of Measure retrieved from the invoice Unit of Measure field in the Unit of Measure X-Ref file.
- P.O. Line # - Defaults from the Requirement B record.
- If the second position of the Purchase Order Number is A, E, L, M, N, O, or T, the default P.O. line number "1" is placed in the IT1 segment in the 810 file.
- If the second position of the purchase order number is not A, E, L, M, N, O, or T, the P.O. line number of the Requirement B record is placed in the IT1 segment in the 810 file.
- Release # - Release number received from Caterpillar.
- Funds Type - Retrieved from the Price File when the shipper is created.

## F7 - Miscellaneous Charge

(From the Line Selection Screen)

This function applies the miscellaneous charge to the entire invoice.

### Miscellaneous Charge Screen

VLD7510P4	MISC CHARGE INFORMATION				CHARGE
Part Number.	163-0872				On Part
Misc. Charge					
Code	Price	Quantity	U-M	Credit Charge	Description
	.000000	EA	N		
F12=Cancel					

- Misc. Charge Code - Miscellaneous charge code.
- Price - The price per Unit of Measure. 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.
- Quantity - Number of parts shipped.
- U/M - Abbreviation for Unit of Measure.

- Credit - Enter "Y" if this is an allowance or credit, rather than a charge. Enter "N" if this is a charge.
- Charge Desc. - The description of this charge.
- Note: The GST Tax (Canadian Goods and Service Tax) must be included in a miscellaneous charge record per line item, if required.
- Misc Charge Code - TL (for GST).
- Price - Calculate (Price \* Qty) \* GST Tax Rate.
- Charge Description - The description must reflect the following:
  - Pos 1-2 GST tax rate (percentage) as entered in the Price File.
  - Pos 3 "%"
  - Pos 4 Blank
  - Pos 5-11 "GST TAX"
  - Example: 08% GST TAX

## Maintain Control File

(Option 4 on the VL75 menu)

### Control Screen

VLD7570P1	ELECTRONIC INVOICE CONTROL FILE MAINTENANCE	
Company .....	KB	
OEM Code .....	P	
Transmission Mode (T=Test P=Production) .....	P	
Next Transmission Control Number .....	500	
Caterpillar Version Level .....	000001	
F10=Delete	F12=Return	

- Transmission Mode

Enter "T" to transmit test invoices.  
Enter "P" to transmit live invoices.

- Next Transmission Control # - User-defined control number. Must be entered before the first transmission. This number automatically increments with each successful transmission.
- Caterpillar Version Level - Enter the version level as required by Caterpillar: 002003 or 003030.

## File Setup

### Destination Master File

In the Destination Master File, set the Print Invoices and Create Invoices flags to "Y" as shown below.

SCD6300B MAINTAIN DESTINATION MASTER FILE	
Company Number .....	KB ENGINE COOLING, INC.
Destination Number .....	457854
Name 1 .....	FOB .....
Name 2 .....	Distributor Code ..
Address 1 ..	Ford Dest Code .....
Address 2 ..	ASN/DESADV (B/C/N/O/V/Y)
Address 3 ..	GM Msg/Temp Msg Code ... /
City/State ..	GM Std Loc/Ford Rt Cd 2.
Zip Code ...	Carrier/Frt Fwd Pref.... /
Country ....	Route Code / HMRS (Y/N).
Arrival/Ship Dates (A/S) .....	Honda Destination .....
Delivery Travel Time (Hrs/Min)	Supplier Type (P/S) ....
Delivery Travel Time (Days) ..	ASN Unit of Measure ....
Available Ship Days (X = Select)	JIT Location (Y/N) .....
S M T W H F S	Bar Code Verif (Y/N/C/S)
Names:	<b>Print Invoices (Y/N) ... Y</b>
F1=Help F12=Return	<b>Create Invoices (Y/N) ... Y</b>
	Payment Type: Coll PP PPI Oth
	Alt. Description...
	Dealer Code .....
	Cat Europe Ult Dest ....

## Machine Readable File

In the Destination Abbreviation Record of the Machine Readable File, set the Electronic Invoices flag to "Y" as shown below.

DESTINATION ABBREVIATION RECORD		
Company Number .....	KB	
OEM Code .....	P	
Identification Number .....	12345	
Dock Location .....		
Destination Abbreviation .....	PCUST	
Destination Description .....		
P O Destination .....	000000000	
ERS Destination .....	(Y/N)	
OEM Consideration .....	(S)	
<b>Electronic Invoices .....</b>	<b>Y</b>	<b>(Y/N)</b>
Line Set .....	(Y/N)	
Clear By Destination .....	(Y/N)	
Type of FBO .....	(M/S)	
Chrysler PAB/Non-PAB Combine.	(Y/N)	
Send Prev CUM on ASN/DESADV .	(Y/N)	
Exclude from APNAT calc .....	(Y/N)	
Place on Credit Hold .....	(Y/N)	
Ship Direct .....	(Y/N)	

## 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.