Infor Komatsu (KT)

Traditional

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Table of Changes

Changed By	Date	Reason	Update#	Section Changed

General Information

Transaction Sets and Versions

The Komatsu module supports the following transaction sets:

- 810 Electronic Invoice Version 4010
- 850 Purchase Order Version 4010
- 855 PO Acknowledgement Version 4010
- 856 ASN Version 4010
- 997 Functional Acknowledgement Version 4010

The 810 (Electronic Invoice) is required to be transmitted to Komatsu when required.

The 830 (Material Release) is processed in for the 810 and 856 requirements.

The 850 (Purchase Order) is used by Komatsu to establish pricing only.

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

The 856 (ASN) is required to be transmitted when the shipment leaves the plant.

The 997 (Functional Acknowledgement) is required to be transmitted to acknowledge the received file, within the time frame defined by Komatsu. A 997 is received by the supplier to acknowledge the 856 transmitted to Komatsu.

Security

Communication Method

Komatsu 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 the OEM. Files must be saved for 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 Komatsu and when transmitting 856s and 810s. The Identification Code File is used differently by different manufacturers.

Komatsu requires a separate Identification Code record for each ship-to location.

- The initial record contains the supplier code in the Plant ID field. A trading partnership record is required.
- Additional records must be created for each ship-to location with a “dummy” plant ID. No trading partnership record is required.

Initial Record

(Trading Partnership File Required)

```
Company Number - xx
OEM Code - KT
Plant ID - Supplier Code

OEM ID -                          Komatsu's DUNS number, 193810496
Corporate ID -                    Supplier Code
Remit to Duns Number -            Your DUNS number
VAT Code -                        Tax ID
Transmission Mode ........ P  (T/P)  T-Test, P-Production
Smart Labels ............. N  (Y/N)
Pallet Staging ........... N  (Y/N)
Bar Code File Transfer ... N  (Y/N)
Variable Unwrap Print .... Y  (Y/N)
Automatic print of 997 ... N  (Y/N)
AutoMap................... N  (Y/N)

F1=Help  F10=Delete  F12=Return  F14=Trading Partnership File (X.12)
F17=Selective F/A's   F18=Additional Qualifiers   F19=Outbound Receiver IDs
```

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

Errors that occur during the “Breakdown” that indicate a code is missing from the Identification Code File are referring to plant ID or the corporate ID.

Trading Partnership File

Machine readable records must be entered before the trading partnership records can be created, because destinations are validated.

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. Press Enter.
4. Enter the code representing the data format (“A” for ISA).
5. Press Enter. The ISA detail screen displays.
6. Press F7 (Infor defaults):

Sixteen ISA records are created (template). Six for the 856, six for the 810, and four for the 855.

One GS record is created for each ISA record.

The following modifications are needed to the ISA and GS records:

1. Place a “3” in front of each ISA record that is used and copy the records to valid customer and / or destination abbreviations.

Use option 4 to delete the original default containing a blank customer and destination abbreviation.

1. Press F12. The ISA list screen displays.

The steps must be repeated for each destination.

1. This template record must be copied and modified for each Komatsu destination abbreviation. Enter “3” next to the template record to copy.
2. Press Enter.
3. Enter the customer (optional) and destination (required) abbreviations.
4. Press Enter.
5. Select the copied record with “1.”
6. 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................ KT
 Supplier ID............. 123485
 Customer Abbrv(O).......
 Destination Abbrv(O)....

 User Define Description: 856 FOR VERNON HILLS, IL

              Qualifier/Information
 Authorization:  00                        Active (Y)/(N): Y
 Security:       00
 Sender:         01   123485
 Receiver:       01   193810496
                                                        Hexadecimal Code
 Control Standards ID:  U                Sub Element Separator:  A1
 Version Identifier:    00401            Data Element Separator: 79
                                         Segment Terminator:     15
 Computer Generated ISA Control Number:

F7=Update Infor Defaults  F10=GS Level  F12=Return
```

- User Defined Description - Enter the name of the destination plant.
- Sender ID - Enter your DUNS number.
- Receiver ID - Enter Komatsu's DUNS number, 193810496.
- Press F10 (GS Level). The GS list screen displays.
- Select each GS record with “1” (one at a time) and press Enter to display the GS detail screen. Default data can be viewed or maintained.

GS Detail Screen

```
VLD9702E                Maintain Functional Identifier

 Company Number.......... KB
 OEM Code................ KT
 Supplier ID............. 123485
 Customer Abbrv(O).......
 Destination Abbrv(O)....
 Transaction Type........ 856
                                              Non Repeating Transaction
 Functional Identifier:     SH                    Control Number:
 Application Sender:        123485
 Application Receiver:      200                ST Control#:
 Responsible Agency Code:   X
 Version/Release/Industry:  004010
 (T)est/(P)roduction:       P
 Acknowledge Requested:     N

 Last Date Used:             0/00/00
 Last Time Used:
 Number Times Used:                              Processing Option: P
 Computer Generated Group Control Number:        P=Print Before Sending
```

- Processing Option - The default is blank; an unwrapped file is not to be viewed before the transmission. (Optional). Change to “P” to activate an unwrapped file to be viewed before the transmission.

Required Changes:

- Application Sender - Enter your DUNS number.
- Application Receiver - Enter Komatsu's DUNS number + the five-position destination code.
- Press Enter to return to the GS List Screen.
- Select the next record and repeat steps 8-17 for each transaction set.
- Press F12 to return to the ISA detail screen.
- Repeat steps 8-17 for all destinations.
- When all destinations have been entered, delete the template record.

Setup is complete.

Machine Readable - Destination File

```
          DESTINATION ABBREVIATION RECORD

Company Number ..............  KB
OEM Code ....................  KT
Identification Number .......  12345
Dock Location ...............

Destination Abbreviation ....  KTDEST
Destination Description .....
P O Destination .............  000000000
ERS Destination .............      (Y/N)
OEM Consideration ...........      (Y/N)
Electronic Invoices .........  Y   (Y/N)
Line Set ....................      (Y/N)
Clear By Destination ........  Y   (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)
```

- Electronic Invoice - Mark the electronic invoice flag with “Y.”

- Clear by Destination - Enter “Y” for all Komatsu destinations. Komatsu sends a purpose code of “05” to indicate a complete replacement file. They do not, however, send a zero requirement or any other type of cancellation when a formerly required part is no longer required.

Parts Cross Reference File

Komatsu Parts and Service Division shipments require “US” to be transmitted as the country of origin. This may be entered in the Country of Origin field to be printed on export documents and returned in the LIN*05 segment in the 856 file.

If an application control record (Keyword DFLTORGN) is being used to create a default country of origin, and if the default value is something other than “US,” the Komatsu ASN must be manually changed before transmission or the 856 will be rejected.

Destination File

```
                  EXPORT OPTIONS

            EXPORT DOCUMENT OPTIONS
Export Documents (Y/N) .........
Country of Ultimate Dest .......
Parties to Trans. (Y/N) ........
Direct Sale (Y/N) ..............
Plant Code .....................
Port of Exit ...................
Release Office Name/Phone# .....

            EXPORT INVOICE OPTIONS
E.I.N.# ........................
F.O.B. (Plant or Dest?)(P/D) ...
Bill Customs Charges to (S/C/B).
Shipper Included (Y/N) .........
Port of Entry ..................
Mode of Trans    Road     Rail     Water     Air     Other
Comments
```

- Export Documents - Enter “Y” if export documents are required.
- Mode of Trans - Enter “X” next to “Water” if this is an overseas destination. This places “CN” (for ocean-going container) as the equipment description in the 856 file.

```
SCD6300C              MAINTAIN DESTINATION MASTER FILE

       Print Remarks (Y/N):   N Shipper    N Invoice    N Acknowledgement

    Remark:_____________________________________________________________
           _____________________________________________________________
           _____________________________________________________________
           _____________________________________________________________


            ASN/DESADV Transmit Windows:   Before  Hours:      Mins.:
                                           After   Hours:      Mins.:

            3rd Party Electronic Invoice OEM ....
            Multi-Company Pool Bill Destination? (Y/N):
            Print Part Description on Invoices (Y/N):
            Travel Time: Set Prior to Current Date? (Y/N)...:
                         Set Holiday to Next Ship Day? (Y/N):
            Remove no-charge returnable containers from invoice? (Y/N)
            Funds Type .......       Funds Type Description ...
            Tax Exempt .......
F1=Help   F12=Return                 One P.O. Per Invoice (Y/N)
```

- Tax Exempt - Taxes are required for Komatsu dealers, unless the dealer is tax exempt. Enter the Tax Exempt number to print on the hard-copy invoice.

Model Year

Komatsu does not send model year. Therefore, the requirement and price files must be entered leaving the Model Year field blank.

Price File--Type of Funds

Komatsu requires the type of funds code to be transmitted in the electronic invoice file. The Type of Funds field is found in the price file.

Enter “USD” for U.S. Dollars to be transmitted in the 810 file. Enter “CAD” for Canadian Dollars to be transmitted in the 810 file.

Requirement C Record--Alternate Ship-To Location

When shipping to an alternate ship-to location, the ship-to ID must be entered in the Plant Location field in the requirement C record. The ship-to ID is sent in the N1*ST segment in the ASN file. If the Plant Location field in the requirement C record is blank, the destination ID from the Machine Readable file is sent in the N1*ST segment in the ASN file.

Contract File

The contract file is used to enter invoice discount information, number of days that requirements are firm, and type codes for firm and planning requirements. These values may vary from supplier to supplier. The contract file is accessed from the Additional File Maintenance Menu (RC15).

The Discount Percent, Discount Days, and the Days Until Total Invoice Is Due must be filled in for each purchase order. The part number is also required. Enter at least one part number for each purchase order.

The “Number of Days - Firm” will equal the total number of “freeze” days plus “firm” days as defined in the supplier's customer agreement with Komatsu.

The type and frequency codes must also be entered in the EDI Code file so the requirements can be manually entered or so requirement B and C records can be maintained. The contract file is checked during the “print” and the type is retrieved to replace the “Z” codes for processing.

Time Zone Abbreviation

Komatsu accepts only standard time zone abbreviations:

ET - Eastern Standard
CT - Central Standard
MT - Mountain Standard
PT - Pacific Standard

Some OEMs require a different abbreviation during daylight savings time (April to October) than during the rest of the year when they are on standard time. Komatsu does not accept the daylight savings time abbreviations. If the time zone abbreviation is changed in the control file to accommodate another OEM during the daylight savings time period, the daylight abbreviation is changed during the ASN create to the standard abbreviation for Komatsu.

VL0 Menu

```
12.0          6/06/XX            MENU: VL0KT            9:43:12
             ----------------------------------------------------
                                   KOMATSU
                      VARIABLE LENGTH TELECOMMUNICATIONS
             ----------------------------------------------------

1.  Receive Data                          8.  Maintain Network Selection
2.  Split Network Data Into OEM Files     9.  Maintain Network Security
3.  Breakdown Variable Data              10.  GEISCO Miscellaneous Menu
4.  Acknowledge Received Data (997)      11.  Maintain Miscellaneous File
5.  Print Acknowledgements (997)         12.  P.O. History Menu (850,855)
6.  Print Requirements (850)
7.  Process Requirements (850)




                  23.  Return to V/L Telecommunications
                  24.  Return to Main Menu
```

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.

VL35 Menu

```
VLD3500KT1    6/06/XX            MENU: VL35KT           9:43:55
12.0         ----------------------------------------------------
                                   KOMATSU
                          P.O. ACKNOWLEDGEMENT MENU
             ----------------------------------------------------

             1.  Maintain Purchase Orders
             2.  List Purchase Orders
             3.  Create/Transmit P.O. Acknowledgements (855)
             4.  Purge P.O. Acknowledgements
             5.  Reactivate P.O. Acknowledgements


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

                                  Option
```

P.O. Acknowledgement Menu (850)

(Option 12 on the VL0 menu)

The Komatsu P.O. Acknowledgement Menu is used to inquire into the 850 file received from Komatsu. Komatsu purchase orders (850s) are processed into the load file if the 850 report flag is marked. Komatsu uses the 850 to establish pricing and requirements only.

During the “process,” all data received in the 850 file is placed in universal files: VPX855A-VPX855P.

This is the same data from the 850 Edit List that is placed on hold during the “print” from the Komatsu VL0KT menu. All data received can be viewed, modified, and / or listed from this menu (VL35KT). When this data is no longer current, it may be purged. Purging purchase order records from this menu does not affect the requirement or load files.

Maintain Purchase Orders

(Option 1 on the VL35 menu)

PO Header Information Screen

```
VLD3510KT1          PURCHASE ORDER INQUIRY/ACKNOWLEDGMENT

                     Company:  TC                OEM:  KT

                               Header Information

 Action Code...... O   O=Open, H=Hold, T=Transmitted

 Ack. Purpose..... AC  AC=Acknowledge with Detail and Change
                       AD=Acknowledge with Detail, No Change
                       AE=Acknowledge with Exception Detail

 P.O. Date........  12/21/XX           Issue Duns....... FAC83
 P.O. Number...... 6226220             Dest. Duns....... 011506
 Purpose Code..... 00  Original        Supplier ID...... 049373095
 Trans. Type...... 850                 Release Number...
 P.O. Type........ NE  New Order       Received Date....  3/05/XX
```

These fields represent data received from Komatsu on the 850. Only the Action Code and Acknowledgement Purpose fields can be modified. All other fields are for display only.

- Action Code - Valid codes include the following:
  O - Open
  H - Hold
  T - Transmitted

- Ack Purpose - Valid codes include the following:
  AC - Acknowledge with detail and change
  AD - Acknowledge with detail and no change
  AE - Acknowledge with Exception Detail

Access the Header Information screen by choosing option 1 (Maintain Purchase Orders) on the P.O. Acknowledgement Menu and then selecting a purchase order.

PO Detail and Acknowledgement Information Screen

```
VLD3510KT2          PURCHASE ORDER INQUIRY/ACKNOWLEDGMENT

                    Company:  TC                OEM:  KT

                              Detail Information

Purchase Order Number 6226220              Purchase Order Date 12/21/XX

P.O. Line... 4                             Order Qty.........         6
Cust Part#.. 195-57-A0400                  Unit Price (5dec).
26.69000
Vend Part#.. 170937                        Unit of Measure... EA
Cust PO line No...                         Drwg Rev Level....
Part Description..


                         Acknowledgment Information

Line Item Status.



F3=Exit  F5=Service  F9=LineStatus   F12=Return
```

These fields represent data received from Komatsu on the 850. Only the Line Item Status field can be modified. All other fields are for display only.

Access the Detail / Acknowledgement Information screen by pressing Enter from the header information screen and then selecting a purchase order.

PO Schedule and Acknowledgement Information Screen

```
VLD3510KT3          PURCHASE ORDER INQUIRY/ACKNOWLEDGMENT

                    Company:  TC                OEM:  KT

                             Schedule Information

Purchase Order Number 6226220              Purchase Order Date 12/21/XX
Part # 195-57-A0400                        P.O. Line.......... 4

Qty Required........         6             Requirement Date...  3/25/XX
Unit of Measure..... EA

                         Acknowledgment Information

 Expected Ship Qty....           0

 Ship/Delivery Date...   0/00/00
 Date Qualifier.......            017=Estimated Delivery



F3=Exit  F12=Return
```

These fields represent data received from Komatsu on the 850. Only the Expected Ship Quantity, Ship / Delivery Date, and Date Qualifier fields can be modified. All other fields are for display only. Enter “017” in the Date Qualifier field for Komatsu.

Access the Schedule / Acknowledgement Information screen by pressing Enter from the Header Information screen and then selecting a purchase order.

List Purchase Orders

(Option 2 on the VL35 menu)

This option displays the P.O. Acknowledgement Listing screen. Use this option to print a selected list of purchase order acknowledgements.

Create/Transmit P.O. Acknowledgements (855)

(Option 3 on the VL35 menu)

This option displays the Create and Transmit Purchase Orders screen. Use this option to create the Purchase Order Acknowledgement (855) file from the purchase order file that has been maintained.

Purge P.O. Acknowledgements

(Option 4 on the VL35 menu)

This option displays the Purge Komatsu Purchase Orders screen. Use this option to remove transmitted purchase order acknowledgements from the VPX55AFM file and print lists of purged records.

Reactivate P.O. Acknowledgements

(Option 5 on the VL35 menu)

This option displays the Reactivate Komatsu Purchase Orders screen. Use this option to change Purchase Order Acknowledgement records with a status of “T” for transmitted or “H” for hold to “O” for open so the purchase orders can be transmitted again.

Electronic Invoices

```
12.0          6/06/XX            MENU: VL75KT          09:58:10
             ----------------------------------------------------
                                  KOMATSU
                             ELECTRONIC INVOICES
             ----------------------------------------------------

             1.  Maintain Invoices
             2.  Print Invoice Register
             3.  Create/Transmit Invoices

             4.  Purge Transmitted Invoices
             5.  Reactivate Transmitted Invoices


            23.  Return to Electronic Invoice Processing Menu
            24.  Return to Main Menu

                                  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.

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 ........      1258
Name 1 .....                           FOB ..............
Name 2 .....                           Distributor Code ..
Address 1 ..                           Ford Dest Code .........
Address 2 ..                           ASN/DESADV (B/C/N/O/V/Y) V
Address 3 ..                           GM Msg/Temp Msg Code ...     /
City/State .                           GM Std Loc/Ford Rt Cd 2.
Zip Code ...                           Carrier Preference ..... 100
Country ....                           Route Code / HMRS (Y/N).
                                       Honda Destination ......
Arrival/Ship Dates (A/S) ..... S       Supplier Type (P/S) ....
Delivery Travel Time (Hrs/Min)         ASN Unit of Measure ....
Delivery Travel Time (Days) ..         JIT Location (Y/N) .....
                                       Bar Code Verif (Y/N/C/S)
 Available Ship Days (X = Select)      Print Invoices (Y/N) ... Y
S    M    T    W    H    F    S       Create Invoices (Y/N) .. Y
                                       Payment Type: Coll   PP   PPI   Oth
Names:                                 Alt. Description...
                                       Dealer Code .......
F1=Help   F12=Return                   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 ..................... KT
Identification Number ....... 12345
Dock Location ...............

Destination Abbreviation .... KTDEST
Destination Description .....
P O Destination ............. 000000000
ERS Destination .............     (Y/N)
OEM Consideration ...........     (Y/N)
Electronic Invoices ......... Y   (Y/N)
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)
```

ASNs

```
VLD8000KT1     6/06/XX            MENU: VL8KT           10:02:31
12.0         ----------------------------------------------------
                                   KOMATSU
                       ADVANCED SHIPPING NOTIFICATIONS
             ----------------------------------------------------

             1. Enter / Maintain ASNs
             2. List ASNs
             3. Create and Transmit ASNs
             4. Purge Transmitted ASNs & Bar Code
             5. Reactivate Transmitted ASNs & Bar Code



            23. Return to V/L Communications 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

```
VLD8100KT1                    ASN FILE MAINTENANCE

  Company KB     Sequence Number            OEM KT     ASN V    Action Code O

Shipper # ...             In-House Part #                        U of M ...
Ship Date ...             Cust Part # ...
Ship Time ...             Vendor Part #..
Arr Date ....             Ret Container .       (Y/N)
Arr Time ....             Customer Cont #
Cust Abbv ...             Plant ID ......
Dest Abbv ...             Unit Price.....
Dock Code ...             Pro Number.....
PO Line No...
Qty Shp .....             Container Qty .            Container Desc.
Package Qty .             Net Weight ....            Carrier Abbv ..
Conv Code ...             Tare Weight ...            Dest Carrier ..

Release Date.             Conv Bill #....
P.O. Date ...             P.O. # ........


 F10=Delete   F12=Return   F14=Enter Tracking #'s
```

- Company - Displays the company number that was previously entered.
- Sequence Number - Assigned by the system.
- OEM - “KT” for Komatsu.
- Action Code - The action code places the corresponding two-digit code in the BSN 01 segment in the ASN file. Valid codes are the following:

  O - Original 00

  H - Hold Record is not included in transmission

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

- Shipper # - Shipper number assigned by the system when the shipper was created.
- In-House Part # - Internal part number entered in the parts cross reference file.

- Ship Date - Date of shipment in the MM-DD-YY format. Defaults from shipper entry time.
- Cust Part # - Komatsu's part number.
- Ship Time - Time entered at shipper entry time (HHMM) in military format. If no time was entered, the ship time defaults from the system time when the “extract” option is taken.
- Vendor Part # - Vendor part number used by Komatsu. It must be entered through ASN maintenance.
- Arr Date - Defaults from shipper entry time. Must be entered in MM-DD-YY format. The two positions representing the month become the first two positions of the shipper number.
- Ret Container - Defaults from the container file. It can be changed at shipper time.
- Arrival Time - Defaults from shipper entry time.
- Customer Cont # - Number of the returnable container. Defaults from the requirement A record if returnable container field is marked “Y.”
- Cust Abbv - User-assigned abbreviation that must be entered in the Machine Readable file to return the correct customer code in the ASN file.
- Plant ID - Supplier code assigned by Komatsu. This is entered in the Supplier Code field in the requirement master and the Plant ID field in the Identification Code file.
- Dest Abbv - User-assigned abbreviation that must be entered in the Machine Readable file to return the correct destination code in the ASN file.
- Unit Price - The price for a single part entered to six decimal places. If entering decimal positions, enter the price with the decimal point and up to six decimal positions. If entering a whole number (no decimal places), it is not necessary to enter the decimal point.
- Dock Code - Code representing the dock at the destination location if a dock 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.
- Pro Number - The PRO number is supplied by the freight carrier and may be entered here or on the Update ASN Info Screen when the Create / Transmit option is taken.
- PO Line No - Purchase order line number from Komatsu. Defaults from the requirement B record.
- Qty Shp - Number of pieces shipped, which is transmitted in the SN1 segment 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 - The 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.

- Package Qty - The number of parts per container. Originates from the Requirement Master.

- 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 Abbv - Carrier Abbreviation (SCAC code), which defaults from the Carrier Abbreviation 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.

- 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.

- Release Date - The date of the current release received from Komatsu. The release date is placed in the Release Number field in the Requirement B record.

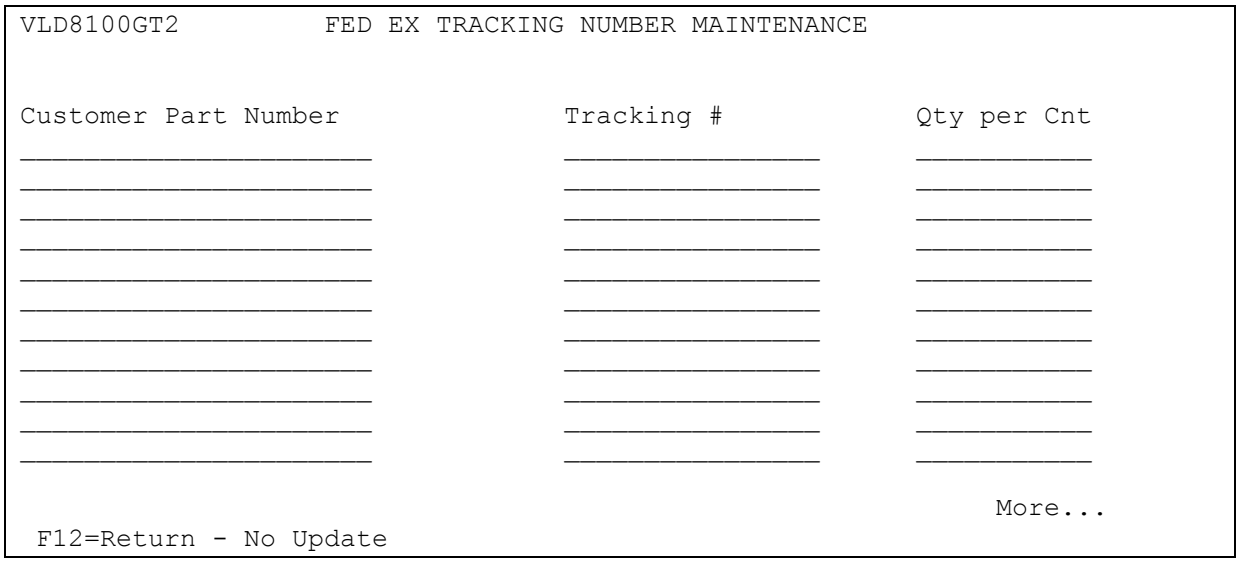
- Conv Bill # - Defaults from the Conveyance Number field at shipper entry time if a trailer number, air freight number, or ocean-going container number was entered. If an ocean-going container number is entered, the equipment description must be “CN.” If there was no entry at that time, the shipper number defaults.

- P.O. Date - Purchase order date issued by Komatsu. Defaults from the Requirement B record.

- P.O. # - Purchase order number issued by Komatsu. Defaults from the Requirement B record. This places the appropriate element in the LIN segment to indicate this part was shipped in a returnable container.

- U of M - Defaults from ASN unit of measure field in the Destination File. It can be changed at shipper entry time.

- F14 - Enter Tracking #s - Displays the Fed Ex Tracking Number Maintenance screen. Use this screen to enter tracking numbers. A separate tracking number must be entered for each container that is shipped UPS or Federal Express.



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.

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.