Infor NHK Seating (GN)

Traditional

Publication Information

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Contents

Table of Changes

Changed By	Date	Reason	Update#	Section Changed

General Information

Transaction Sets and Versions

The NHK Seating module supports the following transaction sets:

- 830 Material Release   Version 3010
- 856 ASN   Version 3010
- 862 Shipping Schedule   Version 3010

The 830 (Material Release) contains firm and planning requirements. If an 862 is received, the 830 is for planning only.

The 856 (ASN) is required to be transmitted for each shipment before the carrier leaves the plant. Suppliers are paid off the ASN.

The 862 (Shipping Schedule) contains firm ship requirements.

Security

Communication Method

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

```
 Company Number - xx
 OEM Code - GN
 Plant ID - Your DUNS number

 OEM ID -                  NHK Seating's DUNS Number (186598454)
 Corporate ID -           Not used by NHK Seating
 Remit to Duns Number -    Not used by NHK Seating
 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.

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. 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):

One ISA record is created.

One GS record is created (856).

No modifications are needed to the ISA or GS records. The default for the "processing" option on the GS detail screen is "P."

1. Press F10 (GS Level). The GS list screen displays.

2. Select the GS record with "1" 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.......... 13
 OEM Code................ GN
 Supplier ID............. 123456789
 Customer Abbrv(O).......
 Destination Abbrv(O)....
 Transaction Type........ 856
                                          Non Repeating Transaction
 Functional Identifier:    SH                 Control Number:
 Application Sender:       123456789
 Application Receiver:     186598454     ST Control#:
 Responsible Agency Code:  X
 Version/Release/Industry: 003010
 (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
F12=Return
```

● Processing Option - The default is "P" to activate an unwrapped file to be viewed before the transmission. (Optional).

● Change to blank if an unwrapped file is not to be viewed before the transmission.

● Press Enter.

● Press F12 twice to return to the ISA list screen.

Set up is complete.

Model Year

NHK Seating does not send model year. Therefore, the Requirement and Price Files must be entered leaving the Model Year field blank.

Requirement File--Clear Flags

Infor suggests that clear flags (found in the Requirement Master) be marked for transaction sets received:

```
866 862 830 850
 _   X   X   _
```

This is subject to change based on the files NHK Seating transmits to your company. Check with NHK Seating before setting clear flags.

Note: Do not select clear flags with "X" if requirements are transmitted only once for any given transaction set. It is common for parts with lead times to be transmitted only once for any given transaction set.

CUM Required Prior

NHK Seating sends CUM required prior but it is often not current. Therefore, you should enter it manually before going live so that the system can include ahead or behind figures in the package quantity. Enter CUM required prior using the option Enter Manual Requirements. You can enter CUM required prior either with F5 from the entry screen or directly on the Header Screen.

Requirement File - Special Processing Window

From the Requirement Master header screen, F20 displays the following special processing window:

```
JTDMAINT4            Special Processing Information
Load Past Due Req'ts from
History? (Y/N/B/M) ......       Chrysler Special Processing for
                               'B D' or 'B W' Reqs (B/L/S)....
Type of Processing (C/N).  N   Remove Chry EDI 'B D' or 'B W'
                               Reqts. prior to today (Y/N) .....
Ignore STD PAK for
Load/MRP Build? (Y/N) ..       Omit 830 planning req'ts in
                               Shipping (Y/N) ..................
Competitor Part (C) or
FBO Flag (B/F/J/E) ......      Pricing Based On Order Quantity
                               Or Ship Quantity? (O/S) .........
Special Partial Week
for current week (Y/N) ..      Override in Manual Req'ts Entry:
                               Release Number and Date? (Y/N) ..
No Container Calculation       P.O. Number? (Y/N) ..............
for Part On Shipper (Y/N)      Eng. Revision Level? (Y/N) ......

Partial Week With Sunday       Secondary OEM Code ..............
Dates (Y/N) .............      SPAB BOM Flag  ..................
                               OEM Specific Process (B,Q,Z).....
F1=Help   F12=Return
```

- Type of Processing - Mark the Type of Processing field with "N." This creates a shift exception when 830 requirements are not to be removed from the Requirement File if not shipped on time and when there is no need for calculating ahead/behind quantities by comparing the CUM shipped with CUM required prior. This is used for trading partners that do not send CUM required.

- Shift exception - Requirements are not shifted out of the Requirement File during the daily and/or weekly shifts. Extract exception - Shipped requirements are removed or reduced during the "Extract" and the CUM required prior is increased by the amount shipped.

Note: Requirements remain in the requirement file until shipped fully, removed manually, or cleared during the "Process," based on clear flags.

VL0 Menu

```
12.0            6/08/XX            MENU: VL0GN           10:48:23
                -----------------------------------------------------
                                   NHK SEATING
                      VARIABLE LENGTH TELECOMMUNICATIONS MENU
                -----------------------------------------------------


                 1.   Receive Data
                 2.   Split Network Data Into OEM Files
                 3.   Breakdown Data
                 4.   Print Requirements (830,862)
                 5.   Process Requirements (830,862)
                 6.   Maintain Network Security
                 7.   Maintain Network Selection
                 8.   Maintain Miscellaneous File
                 9.   GEISCO Miscellaneous File
                10.   Commerce Miscellaneous File



                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.

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

Print Method

Print Method: Optional

NHK Seating is coded to use the optional "Print" method, which affects the Breakdown, Print, and Process options.

ASNs

```
VLD8000GN      6/08/XX              MENU: VL8GN           10:50:09
12.0           -------------------------------------------------
                               NHK SEATING
                         ADVANCE SHIPPING NOTIFICATIONS
               -------------------------------------------------


               1.   Maintain ASNs
               2.   List ASNs
               3.   Create/Transmit ASNs
               4.   Purge ASNs
               5.   Reactivate ASNs


               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.

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

Miscellaneous ASN Information

To cancel an ASN, one of the following cancellation procedures may be used:

- Phone call to NHK Seating.

- Re-send the original ASN with changes.

Maintain ASNs

(Option 1 on the VL8 menu)

ASN Maintenance Screen

```
VLD810GN1                    ASN MAINTENANCE
  Company KB     Sequence number          OEM GN     ASN V     Action Code O

Shipper # ..              In-House Part #                   Unit of Measure
Ship Date ..  0/00/00     Customer Part #
Ship Time ..
Cust Abrv ..              Plant ID ......
Dest Abrv ..
                          Container Qty .        Container Desc .
Qty Shp ....             Net Weight ....        Carrier Abbv ...
                          Tare Weight ...        Est Arvl Date...
0/00/00
Equip Desc .             Conv Code .....        Est Arvl Time...
Equip Initial


Conv Bill ..
Pro Number..                                    Collect Payment ..
P.O.Number..                                    Pre-paid Payment .
                                                Pre-paid Invoice..




 F12=Return
```

- Company - Displays the company number that was previously entered.

- Sequence Number - Assigned by the system.

- OEM - "GN" for NHK Seating.

- ASN - Defaults from the Destination File. The ASN code can be changed at shipper entry time. NHK Seating uses the ASN code "V" for variable length without bar code.

- Action Code - The action code places the corresponding two-digit code in the BSN 01 segment in the ASN file. Valid action codes are the following:

  O - Original 00

  H - Hold Record is not included in transmission

  T - Transmitted

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

- Shipper # - Shipper number assigned by the system when the shipper was created.

- 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 Date - Date of shipment in the MMDDYY format. Defaults from shipper entry time.

- Customer Part # - NHK Seating's part number.

- Ship Time - Time entered at shipper entry time (HHMM) in military format. If no time was entered, the ship time is defaulted from the system time when the "Extract" option is taken.

- Cust Abrv - 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 NHK Seating. This is entered in the Supplier Code field in the Requirement File and the Plant ID field in the Identification Code File.

- Dest Abrv - User-assigned abbreviation that must be entered in the Machine Readable File to return the correct destination 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.

- Qty Shp - Number of pieces 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 Abbv - Carrier abbreviation (SCAC Code), which defaults from the Carrier Abbreviation field in the Carrier 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.

- Est Arvl Date - The estimated arrival date.

- Equip Desc - The Equipment Description further describes the Conveyance Code. It defaults from 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.

- Est Arvl Time - The estimated arrival time.

- Equip Initial - Equipment initial (equipment owner's code); defaults from the Carrier File.

- 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.

- Pro Number - The PRO Number is supplied by the freight carrier and may be entered here or on the Update ASN Information screen when the Create/Transmit option is taken.

- P.O. Number - Purchase Order Number issued by NHK Seating. Defaults from the Requirement B record.

- Freight Payment - Fields - Three freight payment fields are found in the Destination File and also in the Control File: Collect Payment, Pre-paid Payment and Pre-paid Invoice.

- "X" defaults in the freight payment field that is marked in the Destination File. If all three freight payment type fields in the Destination File are blank, the "X" defaults from the freight payment field marked in the Control file.

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 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   Describes the standard procedures for transmitting ASNs with bar code.
Options

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.