



# Infor Alcoa (AC)

AutoMap

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## Table of Changes

Changed By	Date	Reason	Update#	Section Changed

## General Information

### Transaction Sets and Versions

The Alcoa module supports the following transaction sets:

- 830 Material Release Version 3040
- 856 ASN Version 3040
- 997 Functional Acknowledgement Version 3040

The **830 (Material Release)** contains the daily release schedule.

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

The **997 (Functional Acknowledgement)** is required to be transmitted to acknowledge the received 830s, within the time frame defined by Alcoa. A 997 is received to acknowledge the transmitted 856.

### Miscellaneous Information

The supplier is paid from a paper invoice.

# Security

## Communication Method

Alcoa 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 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 option to "Split" a file received from Alcoa and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

Company Number	- xx
OEM Code	- AC
Plant ID	- Your Assigned Buyer Code
OEM ID	- Alcoa's DUNS Number (001339472)
Corporate ID	- Your DUNS Number
Remit to Duns Number	- Not used by Alcoa
VAT Code	- Tax ID
Transmission Mode	- P
Smart Labels	- N
Pallet Staging	- N
Bar Code File Transfer	- N
Variable Unwrap Print	- Y or N
Automatic print of 997	- N
AutoMap	- Y

To receive an 830 test file, change the OEM ID to ALCOATEST.

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

AutoMap - Enter "Y" to place data in the AutoMap Files (during the Split).

### Master File Entry for Alcoa

The entry of each master file is not explained in this document. Only the master files that require unique entry, to accommodate specific business practices for this trading partner are noted.

### Model Year

Alcoa does not send model year. Therefore, the Requirement and Price Files must be entered leaving the model year fields blank.



## **EDI Code File**

### **Type Codes**

- D Planning

### **Frequency Codes**

- D Discrete
- F Flexible
- W Weekly

## **Requirement File - Clear Flags**

The Requirement Master clear flags should not be marked. Keywords are used to determine what to clear based on purpose codes.

## **CUM Required Prior**

Alcoa does not send CUM required prior. They send CUM received, which is placed in the CUM required prior field. It is not necessary to enter a CUM required figure manually before going live. The CUM received that is transmitted overlays 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 an Alcoa manual requirement or while testing. This may be accomplished using the option Enter Manual Requirements and either using F5 from the entry screen or it may be entered directly on the header screen.

# ASNs

## ASN Cancellation Procedure

Call Alcoa to cancel the ASN.

## Mandatory Fields

### ASN Header Maintenance Screen

ASN Purpose	-	Transmitted in the BSN 01. Valid codes include: O - Original 00
Equipment Description	-	Transmitted in the TD3 01. Valid international codes include: TL - Trailer
Equipment Initial	-	Mandatory for International. Transmitted in the TD3 02.
Ship Date	-	Transmitted in the DTM 02.
Arrival Date	-	Transmitted in the DTM 02.
SCAC Pick up	-	Transmitted in the TD5 03.
Conveyance Code include:	-	Transmitted in the TD5 04. Valid conveyance codes include: A - Air M - Motor R - Rail

### ID Numbers Screen

Supplier ID element.	-	Transmitted in the N1*SU segment, in the fourth element.
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### ASN Detail Maintenance

Cust Part	-	Transmitted in the LIN 03.
Shipment Qty	-	Transmitted in the SN1 02 and CTT 02.
Ship Net	-	Transmitted in the MEA 03.
Ship Gross	-	Transmitted in the MEA 03.
CUM Shipped	-	Transmitted in the SN1 04.

PO Number - Transmitted in the PFR 01.

**ASN Container Review Screen**

Container Description - Transmitted in the TD1 01.

Container Qty - Transmitted in the TD1 02.

## How to Use This Document

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

## General Information

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

## Security

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

## Implementation

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

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

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

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

- Machine Readable - Customer and Destination
- Parts Cross Reference
- Requirement Master

These files must be entered to successfully process data into the Requirement and Load Files.

## ASNs

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

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

## AutoMap Features and Preferences

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

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

Keywords activate special processing to accommodate the OEM's practices. To view keywords:

1. Access the AutoMap Menu.
2. Take the Process Keywords options.
3. Select the trading partner with 7 (keyword options).
4. Keywords are displayed for the selected trading partner.
5. Select the keyword to be changed with 1 (select).

The error maintenance screen displays. The fields that can be changed include:

Error Type - The error type may be W (warning) or T (terminal).

**T (terminal)** - When the create and transmit ASNs option is taken the ASN records are checked for missing fields that may cause the ASNs to be rejected. If terminal errors are found, (errors that will cause the ASN to be rejected according to OEM specifications) the program ends, the ASN Verification Report prints and a break message is displayed. Terminal errors must be corrected before taking the create and transmit option again.

**W (warning)** - When the create and transmit ASNs option is taken the ASN data is verified. If only warning errors are found, the ASN Verification Report prints and a break message is displayed that gives the user the option to continue with errors or to cancel. Error Message - The message that is displayed when this error is encountered may be changed.

Active - The keyword may be active (Y) or inactive (N).

## Create Invoices

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