



**INTERNATIONAL TRUCK AND ENGINE
CORPORATION
SERVICE PARTS**

EDI 824 -- Application Advice

BUSINESS PROCESS GUIDE

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1. Transaction Definition

Type: Regenerative with each message

Frequency: Variable -- Parameter Controlled

EDI Transaction: ANSI-X12 / AIAG-824

Application:

The **EDI 824 (Application Advice)** will be used by International to communicate shipping notice error rejections. This transaction set provides the ability to report the results of an application system's data content edits of transaction sets. It is designed to accommodate the business need to report the status of a transaction set.

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2. Business Procedure Overview

The **EDI 824 (Application Advice)** transaction will be used by International to reply to the supplier about causals related to the rejection of the supplier's **Ship Notice (SN)** to International.

When International receives a SN, it is validated for content and upon acceptance is made available for use in the receiving process. If the SN is rejected within the application validation process, International will communicate to the supplier via the **EDI 824 (Application Advice)** to advise that either the SN was not received or it may have been rejected as a result of erroneous information provided on the SN. Some errors will require a corrected SN to be returned to International while other errors will reflect that International has corrected the SN.

NOTE: An accepted or good SN will not be communicated back to the Supplier.

The Supplier is expected to send an **EDI 997 (Acknowledgment)** response to International's mailbox, usually within ½ hour, indicating that Supplier has received International EDI transmission.

It is the responsibility of the supplier to receive the **EDI 824 (Application Advice)** in a timely manner. This allows the supplier to identify, correct and resubmit any incorrect Ship Notices prior to the receipt of the material at the International Facility.

When the shipment arrives at the International Parts Distribution Center or Packaging Facility, **the Shipment Identification Number (SID) and 7 position Supplier ID/Vendor Code on the packing list** will be used to access the previously received SN to begin the receiving process.

The SN is to be sent by the supplier for each shipment of material to an International Parts Distribution Center or Packaging Facility. If the SN is not received and accepted without error prior to the arrival of the shipment at International's facility, it will be recorded as "**late**" and **cannot** be used. This will result in a charge back through invoice deduction in an amount equal to **\$500.00** per occurrence for each shipment that must be manually received because a SN or **Quick Receive Label were not** provided.

Also, non-compliance will result in a negative effect on your Supplier's Performance Rating.

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2.1 Frequency and Responsiveness

International receives and processes supplier submitted Ship Notices within 15 minutes of the supplier placing the **EDI 856 (Advance Ship Notice)** transaction into International's EDI Mailbox. International will make accepted Ship Notices available for the receiving processes within this window. Ship Notices rejected by International's validation process will generate **EDI 824 (Application Advice)** notices to supplier every 30 minutes on the hour and ½ hour during International's process day. For instance, International will generate notices at 12:00 am, 12:30 am, 1:00 am, 1:30 am, etc. throughout the day with the exception of OFF-HOURS.

The supplier should receive an **EDI 997 (Acknowledgment)** signaling the receipt of the Ship Notice at the time of translation. (See example 1 below.) Within a maximum of 45 minutes of that acknowledgment, International would provide an **EDI 824 (Application Advice)** notice of any submitted Ship Notices that are in error (See example 2 below.)

Example # 1: EDI 997

- Supplier submits Ship Notice at 8:10 am
- International processes the Ship Notice by 8:25 am
- International generates the **EDI 997 (Acknowledgment)** by 8:25 am
- Supplier retrieves **EDI 997 (Acknowledgment)** message from mailbox at 8:40 am

Example # 2: EDI 824 (Rejected SN)

- Supplier submits Ship Notice at 8:20 am
- International processes the Ship Notice by 8:35 am
- International generates the **EDI 997 (Acknowledgment)** by 8:35 am
- Supplier retrieves **EDI 997 (Acknowledgment)** message from mailbox at 8:40 am
- International generates and transmits **EDI 824 (Application Advice)** to supplier at 9:00 am
- Supplier retrieves **EDI 824 (Application Advice)** message(s) from mailbox at 9:05 am.
- Supplier generates the **EDI 997 (Acknowledgment)** by 9:05 a.m.
- Supplier corrects and resubmits corrected SN if necessary.

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2.2. Availability

International's processing of the supplier initiated Ship Notices occurs 7 days a week based on the following hours. International will process the Ship Notice Rejection **EDI 824 (Application Advice)** transactions every ½ hour during the process window.

International EDI Transaction Processing Window

	From	To
Monday-Friday	00:00 hrs	23:00 hrs
Saturday	00:00 hrs	17:30 hrs
Sunday	22:00 hrs	00:00 hrs

All times are for the Central Time Zone.

Any EDI transactions submitted to International during a downtime will remain in International's mailbox until the process is resumed.

2.3. Off Hours

For Off-Hours Support, International provides a voice mail system for both the EDI Hot Line and the supplier's Service Parts EDI Coordinator. Suppliers should leave a message indicating the problem and any related information available about the problem along with a contact and telephone number.

Any EDI transactions that are sent to International by the supplier will be retained in International's mailbox until International's system becomes available. Any EDI transactions that International has to deliver to supplier will be retained and distributed as soon as International's system becomes available.

2.4. International's Expectations of Supplier

International expects the supplier to provide an accurate **EDI 856 (Advance Ship Notice)** utilizing the Quick Receive Label at the time the shipment is departing the suppliers dock. If the SN is received and processed without error it will be used in receiving the physical material at the International location.

In those instances where the supplier's SN is rejected by International, an **EDI 824 (Application Advice)** will be generated with an error code indicating whether or not a correction is expected.

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International may elect to correct the SN in order to process the shipment. If International cannot correct the SN, the supplier will be expected to correct the SN. In either case the supplier will receive an **EDI 824 (Application Advice)** displaying an error code. Please refer to Error Code Appendix for a full description of the error code and action to be taken by supplier.

It is International's expectation that the supplier will submit a corrected SN. The corrected SN **must** reference the **same SID #** from the rejected SN to avoid duplication. The Supplier **must** also make any necessary corrections to the invoice to avoid invoice exceptions.

2.5 Impact on International's Supplier Performance Rating System

When a supplier's Ship Notice is rejected by International's validation process the supplier will receive a violation against their performance rating. The SN Discrepancies category will be impacted by this violation.

This rating category is based on the percentage of valid Ship Notices received against the **total** number of Ship Notices received and processed by International.

All Ship Notice Errors will be reported to the Supplier via the **EDI 824 (Application Advice)** These errors will also be reported to the Supplier Performance Rating System. Within the Supplier Performance Rating System, violations are rated at the **Shipment Identification Number (SID)** level and not at the detail error level. Therefore, regardless of the number of errors contained on a specific **Shipment Identification Number (SID)**, that Shipment is considered to be in violation.

Example:

- Supplier sends 10 Ship Notices in a rating period.
- One of the Ship Notices contained 3 detail errors.

THEN

- 9 of the 10 Ship Notices are valid for a 90% rating.
- Failure to correct and resubmit the Ship Notice prior to the receipt of material will result in a Shipping Discrepancy violation within Supplier Performance.

Failure to acknowledge **EDI 824 (Application Advice)** with an **EDI 997 (Acknowledgment)** will result in a penalty on the Supplier Performance Evaluation.

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3. EDI Transaction and Business Examples

Example 1 of EDI 824 AIAG Formatted Data.

See Implementation Guide for Complete Details

The following example is a result of a Ship Notice being sent from a Supplier (2255360) to International's Parts Distribution Center (781-0781) which contained the following errors resulting in the rejection of the Ship Notice for Shipment Identification Number (123456) by International.

Example Error Code G: The Supplier code was missing from the Ship Notice. **(Ship Notice requires a valid Supplier Code, the Supplier must correct SN and resubmit entire SN)**

Example Error Code Q: A quantity that is zero. **(The supplier has indicated they are shipping part 180651C2 with a zero quantity, the supplier must correct quantity and resubmit details.)**

Example Error Code 98: The Container ID was missing from the Tare Level in HL segment.

Action: The Supplier *must* provide a Container ID and re-submit SN

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Example 1:

<u>EDI DATA ELEMENTS</u>	<u>EXPLANATION</u>
ST*824*0001 <small>NL</small>	“ST” is the start of the ANSI Transaction Set “824”, Transaction ID Number is “0001”.
BGN*00*0004018242255360*000401 <small>NL</small>	“00” for Original Document. The Reference number is “0004018242255360” which consist of a date of “04/01/00”, the Transaction set “824” and the Supplier code of “2255360”. Transaction creation date is “04/01/00”.
N1*ST**92*781-0781 <small>NL</small>	Identifies Location code. “ST” for Ship to. “92” for assigned by Buyer. “781-0781” is West Chicago Parts Distribution Center
N1*SU**92*2255360 <small>NL</small>	Identifies Supplier code. “SU” for Ship from. “92” for assigned by Buyer. “2255360” is International supplier code.
OTI*TR*SI*123456*****856 <small>NL</small>	“TR” for Transaction Rejected. “SI” is the Shipper’s identifying number from shipment. “123456” is the Shipment Identification Number from the EDI “856” Transaction Set.
DTM*050*000401*1055 <small>NL</small>	“050” for Received date. Shipment received on “04/01/00” at “10:55”.
TED*ZZZ*G <small>NL</small>	“ZZZ” mutually defined code. Error code of “G”. Supplier code is invalid.

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Example 1: Continued

<u>EDI DATA ELEMENTS</u>	<u>EXPLANATION</u>
OTI*TR*SI*123456*****856 <small>NL</small>	“ TR ” for Transaction Rejected. “ SI ” is the Shipper’s identifying number from shipment. “ 123456 ” is the Shipment Identification Number from the EDI “ 856 ” Transaction Set.
REF*PM*180651C2 <small>NL</small>	“ PM ” for Part Number. International part number is “ 180651C2 ”.
DTM*050*000401*1055 <small>NL</small>	“ 050 ” for Received date/ time qualifier. Shipment received on “ 04/01/00 ” at “ 10:55 ”.
TED*ZZZ*Q <small>NL</small>	“ ZZZ ” mutually defined code. Error code of “ Q ”. Quantity Shipped is zero.
OTI*TR*SI*123456*****856 <small>NL</small>	“ TR ” for Transaction Rejected. “ SI ” is the Shipper’s identifying number from shipment. “ 123456 ” is the Shipment Identification Number from the EDI “ 856 ” Transaction Set.
DTM*050*000401*1055 <small>NL</small>	“ 050 ” for Received date/ time qualifier. Shipment received on “ 04/01/00 ” at “ 10:55 ”.
TED*ZZZ*98 <small>NL</small>	“ ZZZ ” mutually defined code. Error code of “ 98 ”. Container ID is missing from Tare level in HL segment.
SE*15*0001 <small>NL</small>	“ SE ” is to indicate the end of the Transaction set. There are “ 15 ” segments including the ST and SE segments. Transaction ID Number is “ 0001 ”.

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Example 2 of EDI 824 AIAG Formatted Data.

See Implementation Guide for Complete Details

The following examples are a result of a Ship Notice being sent from a Supplier (2255360) to International's West Chicago Parts Distribution Center (781-0781) which contained the following errors resulting in the rejection of the Ship Notice for Shipment Identification Number (123456) by International.

Example Error Code A4: The Ship Notice has been corrected by International. The Part Number, Ship to Code, or Supplier Code does not match Part Number, Ship to Code or Supplier Code on Invoicing Purchase order. A new Purchase order has been created or a different existing Purchase order has been selected to receive against.

Action: Please correct invoice with Purchase Order from Ref PO Segment.

Example Error Code A5: The Ship Notice has been corrected by International. The Ship to Code on the SN does not match the Ship to Code on the Purchase order.

Action: No Supplier Action is Required. The Ship to Code was corrected on given Purchase order.

Example Error Code A6: The Ship Notice has been corrected by International. The SN Purchase order was previously cancelled or shipped. The given Purchase order will be used to receive the shipment.

Action: No Supplier action is required.

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Example 2:

<u>EDI DATA ELEMENTS</u>	<u>EXPLANATION</u>
ST*824*0001 <small>NL</small>	“ ST ” is the start of the ANSI Transaction Set “ 824 ”, Transaction ID Number is “ 0001 ”.
BGN*00*0004018242255360*000401 <small>NL</small>	“ 00 ” for Original Document. The Reference number is “ 0004018242255360 ” which consist of a date of “ 04/01/00 ”, the Transaction set id of “ 824 ” and the Supplier code of “ 2255360 ”. Transaction creation date is “ 04/01/00 ”.
N1*ST**92*781-0781 <small>NL</small>	Identifies Location code. “ ST ” for Ship to. “ 92 ” for assigned by Buyer. “ 781-0781 ” is West Chicago Parts Distribution Center
N1*SU**92*2255360 <small>NL</small>	Identifies Supplier code. “ SU ” for Ship from. “ 92 ” for assigned by Buyer. “ 2255360 ” is International supplier code.
OTI*TR*SI*123456*****856 <small>NL</small>	“ TR ” for Transaction Rejected. “ SI ” is the Shipper’s identifying number from shipment. “ 123456 ” is the Shipment Identification Number from the EDI “ 856 ” Transaction Set.
REF*PM*1204567C2 <small>NL</small>	“ PM ” for Part Number. International part number is “ 1204567C2 ”.
REF*PW*3334567 <small>NL</small>	“ PW ” for Prior Purchase Order Number. Ship Notice Purchase Order Number is “ 3334567 ”
REF*PO*5371132 <small>NL</small>	“ PO ” for Purchase Order Number. New Purchase Order Number that will be used for receiving and to correct invoice is “ 5371132 ”

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Example 2: Continued

<u>EDI DATA ELEMENTS</u>	<u>EXPLANATION</u>
DTM*050*000401*1055 <small>NL</small>	“050” for Received date/ time qualifier. Shipment received on “04/01/00” at “10:55”.
TED*ZZZ*A4 <small>NL</small>	“ZZZ” mutually defined code. Error code of “A4”. International corrected SN. Part number on SN does not match part number on purchase order.
OTI*TR*SI*123456*****856 <small>NL</small>	“TR” for Transaction Rejected. “SI” is the Shipper’s identifying number from shipment. “123456” is the Shipment Identification Number from the EDI “856” Transaction Set.
REF*PM*180651C2 <small>NL</small>	“PM” for Part Number. International part number is “180651C2”.
REF*PW*3334567 <small>NL</small>	“PW” for Prior Purchase Order Number. Ship Notice Purchase Order Number is “3334567”
DTM*050*000401*1055 <small>NL</small>	“050” for Received date. Shipment received on “04/01/00” at “10:55”.
TED*ZZZ*A5 <small>NL</small>	“ZZZ” mutually defined code. Error code of “A5”. .Ship to Code does not match STC on given Purchase Order . Purchase order has been corrected.
OTI*TR*SI*123456*****856 <small>NL</small>	“TR” for Transaction Rejected. “SI” is the Shipper’s identifying number from shipment. “123456” is the Shipment Identification Number from the EDI “856” Transaction Set.

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Example 2: Continued

<u>EDI DATA ELEMENTS</u>	<u>EXPLANATION</u>
DTM*050*000401*1055 <small>NL</small>	"050" for Received date/ time qualifier. Shipment received on "04/01/00" at "10:55".
TED*ZZZ*A6 <small>NL</small>	"ZZZ" mutually defined code. Error code of "A6". International corrected ASN, no Supplier action required. Order previously cancelled or shipped.
SE*19*0001 <small>NL</small>	"SE" is to indicate the end of the Transaction set. There are "19" segments including the ST and SE segments. Transaction ID Number is "0001".

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4. Definition of International Ship to Location Codes

See International Ship to Location Codes Document for Parts Distribution Centers.

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5. International Specific Code

Error Code Appendix

Casuals of Error Messages for General Material Suppliers

<u>Error Code</u>	<u>Error Message</u>
G	Supplier Code error. The supplier code is either missing from the Ship Notice or the supplier code provided in the Ship Notice is not the same supplier code provided on the PO from International. <u>ACTION: Supplier must correct SN and resubmit entire SN. Please enter 7 numeric characters.</u>
L	SID Number error. The Ship Notice requires a Ship Identification Number to be entered. The SID Number is either missing from the Ship Notice or it was provided with an invalid format. Please enter up to 20 alphanumeric characters, left justified. No spaces or special characters such as “/” or “ – “ are allowed. <u>ACTION: Supplier must correct SN and resubmit entire SN.</u>
P	Part Number error. The part number is either missing or it does not match the part number that was provided on the PO from International. Please enter up to 25 alphanumeric characters, left justified. The 824 displays the missing or invalid part number originally found in the LIN BP segment of the SN. <u>ACTION: Supplier must correct SN and resubmit.</u>
Q	Quantity error. The quantity shipped is either missing or zero. It must be a numeric value greater than zero. Please enter up to 6 numeric characters, left justified. <u>ACTION: Supplier must correct quantity and resubmit.</u>
R	Invoice Purchase Order error. The purchase order number at the item level is either missing, invalid or does not match the PO number for specified part as provided by International. Please enter up to 9 alphanumeric characters, left justified <u>ACTION: Supplier must correct purchase order and resubmit.</u>
U	Ship Notice is late. International received the SN after the receipt process was started. International must receive the Ship Notice prior to the start of the receiving process, which coincides, with the arrival of the material at the Parts Distribution Center(s) or Packaging Facilities. <u>ACTION: No supplier action required. SN cannot be used.</u>

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Error Code Appendix: Continued

<u>Error Code</u>	<u>Error Message</u>
V	Duplicate Ship Notice. A Valid SN with the same SID number and Supplier Code was previously received and handed off to our receiving system to be used in the receiving process. The SID number is not to be repeated within a year. This duplicate SN will NOT be used. ACTION: <u>No supplier action required. Duplicate SN will not be used</u>
8	Ship to Code error. The ship to code is either missing, has an invalid format, or does not match the ship to code for the specified PO as provided by International. Please enter 3 numeric characters, a dash, and 4 numeric characters (format 781-0781). ACTION: <u>Supplier must resubmit entire SN with correct ship to code.</u> If the ship to code you provided on the SN reflects where the material was actually shipped, but is not where you were directed to ship the material by International, please contact the Scheduler in the Parts group to have the order revised.
98	Container ID error. The Container ID (Pallet ID) was missing from Tare Level in HL segment. Please enter up to 11 alphanumeric characters with the last 5 characters being unique. The container id cannot be repeated within the Ship Notice. ACTION: <u>Supplier must provide Container ID and resubmit.</u>
A4	International corrected SN. Part Number on SN doesn't match part number on given purchase order; or valid supplier code was provided on SN, but doesn't match supplier code on given purchase order; or ship to code is incorrect along with purchase order status or supplier code; or ship to code on invoicing PO is incorrect. International has either created a new PO or selected an existing PO to receive against. ACTION: <u>Supplier to correct invoice to reflect corrected purchase order provided in REF PO segment of the 824.</u>
A5	International corrected SN. Ship to code on Ship Notice does not match ship to code on purchase order. The ship to code was corrected on given purchase order. ACTION: <u>No supplier action required</u>
A6	International corrected SN: Purchase Order on Ship Notice was previously shipped or cancelled, but will be used to receive shipment. ACTION: <u>No supplier action required</u> Please be certain that you are honoring our PO's and PO changes.

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6. Conformance Testing Procedures

Upon a Supplier declaring his readiness to accept the **EDI 824 (Application Advice)**, International will transmit to the supplier a set of EDI messages reflecting various status conditions. The supplier should use this information to verify the actual readiness of their system to handle the **EDI 824 (Application Advice)**. The conformance data that will be sent will be the exact data that is reflected in the example section of this Business Guide. There are several examples that will be used to test the supplier's readiness.