

824 Application Advice

Functional Group ID=AG

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgment sent in response to a purchase order).

Notes:

John Deere Business Process Note:

824 Business Process Narrative - in response to 856 ASN - Deere as customer

General information: This transaction, when used in reply to a 856 ASN, is used to notify the supplier of errors in the data which was included within the ASN. It is not used when the data contained in the ASN is error free. Much of the data within this 824 transaction is identical to the data contained in the ASN as sent from the supplier.

Similarly, when this transaction is used in reply to 210 Freight Invoice or 810 Invoice, it notifies of errors in the invoice data. Due to the error that is specified, the data does not load into the John Deere Accounts Payable system.

The data normally must be corrected in order of receipt and payment processes to be accomplished. So, it is critical that a supplier take action in response to this transaction.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
2	010	ST	Transaction Set Header	M	1		
3	020	BGN	Beginning Segment	M	1		
						LOOP ID - N1	>1
4	030	N1	Name	O	1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
						LOOP ID - OTI	>1
5	010	OTI	Original Transaction Identification	M	1		n1
						LOOP ID - TED	>1
7	070	TED	Technical Error Description	O	1		
8	090	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

- The OTI loop is intended to provide a unique identification of the transaction set that is the subject of this application acknowledgment.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Segment: **BGN** Beginning Segment
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes: 1 If BGN05 is present, then BGN04 is required.
Semantic Notes: 1 BGN02 is the transaction set reference number.
 2 BGN03 is the transaction set date.
 3 BGN04 is the transaction set time.
 4 BGN05 is the transaction set time qualifier.
 5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

Comments:

Notes: **John Deere Business Process Note**

The beginning segment contains the reference to the ship ID number in the associated ASN or the invoice number in the associated invoice data for which the transaction is created.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 01 Cancellation 05 Replace 07 Duplicate 12 Not Processed 44 Rejection	M ID 2/2
M	BGN02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
M	BGN03	373	Date Date expressed as CCYYMMDD	M DT 8/8
	BGN04	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
	BGN05	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow John Deere Business Partner Note: (Example: CS=Central, ET=Eastern, MT=Mountain)	O ID 2/2

Segment: **N1** Name
Position: 030
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.
Notes: **John Deere Business Process Note**

If an N1 segment with an indicator "ST", "SU" or "SF" was contained in the ASN or 810 Invoice, the same data is returned in this transaction. There will be an associated DUNS number or another Deere unique number to cross reference all the address information.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		SF Ship From	
		ST Ship To	
	N102	93 Name	X AN 1/60
		Free-form name	
	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
		92 Assigned by Buyer or Buyer's Agent	
	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	

Segment:	OTI Original Transaction Identification
Position:	010
Loop:	OTI Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result
Syntax Notes:	1 If OTI09 is present, then OTI08 is required.
Semantic Notes:	<ul style="list-style-type: none"> 1 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set. 2 OTI06 is the group date. 3 OTI07 is the group time. 4 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver. 5 OTI12 is the purpose of the original transaction set, and is used to assist in its unique identification. 6 OTI13 is the type of the original transaction set, and is used to assist in its unique identification. 7 OTI14 is the application type of the original transaction set, and is used to assist in its unique identification. 8 OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification. 9 OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification. 10 OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.
Comments:	<ul style="list-style-type: none"> 1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification. 2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender. 3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.
Notes:	John Deere Business Process Note
	To help the supplier identify the transaction which is in error, data from the original ASN is sent. A code is included which tells if all data was rejected or only specific line items. Errors related to Invoices, Deere sends the original invoice data which is in error.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	OTI01	110 Application Acknowledgment Code	M ID 1/2
		Code indicating the application system edit results of the business data	
		IE Item Accept with Error	
		IR Item Reject	
		TR Transaction Set Reject	
M	OTI02	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		FR Freight Bill Number	
		IV Seller's Invoice Number	
		PK Packing List Number	
M	OTI03	127 Reference Identification	M AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	OTI06	373 Date	O DT 8/8
		Date expressed as CCYYMMDD	

OTI07	337	Time	O TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
OTI10	143	Transaction Set Identifier Code	O ID 3/3
		Code uniquely identifying a Transaction Set	
		210	Motor Carrier Freight Details and Invoice
		810	Invoice
		856	Ship Notice/Manifest

Segment: **TED** Technical Error Description
Position: 070
Loop: TED Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both
Syntax Notes:
Semantic Notes:
Comments: 1 If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).
Notes: **John Deere Business Process Note**

This segment is used to identify the error and, if feasible, the erroneous segment, or data element, or both. A free form error message can also be included.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	TED01	647 Application Error Condition Code Code indicating application error condition	M ID 1/3
		006 Duplicate	
		007 Missing Data	
		008 Out of Range	
		011 Not Matching	
		012 Invalid Combination	
		813 Missing or Invalid Payee Name and Address	
		CUR Invalid Currency Code Currency Code (DE100) reported is invalid	
		H Missing or Invalid Unit of Measure Code	
		IQT Invalid Quantity	
		IWT Invalid Weight	
		MD Missing or Invalid Invoice Date	
		MI Missing or Invalid SCAC	
		MM Missing or Invalid Bill to Location	
		S Missing or Unauthorized Transportation Mode/Method Code	
	TED02	3 Free Form Message Free-form text	O AN 1/60
	TED06	725 Data Element Reference Number Reference number used to locate the data element in the Data Element Dictionary	O N0 1/4
	TED07	724 Copy of Bad Data Element This is a copy of the data element in error	O AN 1/99

Segment: **SE** Transaction Set Trailer
Position: 090
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

John Deere Guideline for EDI 824 Application Advice

Based on AIAG Implementation Guideline - Version 4010

Sample EDI Transmission

ISA*00* *00* *01*005289806 *01*305678132
*980625*1544*U*00401*000000011*0*P*>

GS*AG*005289806*305678132*19980625*1544*11*X*004010

ST*824*00110001

BGN*00*074-267686*19980618*1342*CS

OTI*IE*FR*074-267686***19980625*1615***856

TED*012*INVALID PO NUMBER*****324*639999XX

SE*5*00110001

ST*824*00110002

BGN*07*12246*19980618*1342*CS

N1*ST*JOHN DEERE*1*305678132

N1*SJ*AJAX CO*1*005289806

OTI*TR*FR*12246***19980625*1615***856

TED*006*DUPLICATE SHIP ID FOR ORIGINAL ASN

SE*7*00110002

GE*1*11

IEA*1*000000011