Whirlpool

824 Application Advice
SUPPLIER version

Functional Group ID=**AG**

Introduction:

This standard provides the format and establishes the data contents of the Application Advice Transaction Set (824) within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides 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 acknowledgement sent in response to a purchase order).

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BGN	Beginning Segment	M	1		
			LOOP ID - N1			2	
Must Use	030	N1	Name	O	1		
Must Use	090	N1	Name	O	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - OTI			10000	
Must Use	010	OTI	Original Transaction Identification	M	1		n1
Must Use	015	REF	Reference Numbers	O	1		
Must Use	020	REF	Reference Numbers	O	12		c1
	012	DTM	Date/Time/Period	O	1		
			LOOP ID - TED			10000	
	070	TED	Technical Error Description	O	1		
Must Use	090	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. A segment appearing in Table 1 applies to the entire transaction set, and this may be overridden for the duration of a specific occurrence of a loop in Table 2 when the same segment with a changed value is present in that occurrence of the loop.

Transaction Set Comments

1. REF segments can be used as needed to further identify the original transaction set.

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:
Comments: 1 The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
			824 X12.44 Application Advice	
>>	ST02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number assigned by the originator for a transaction set.	

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:
Comments: 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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	BGN01	353	**Transaction Set Purpose Code**	**M**	**ID 2/2**
			Code identifying purpose of transaction set		
			00 Original		
>>	BGN02	127	**Reference Number**	**M**	**AN 1/30**
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
>>	BGN03	373	**Date**	**M**	**DT 8/8**
			Date (CCYYMMDD)		
>>	BGN04	337	**Time**	**C**	**TM 4/8**
			Time expressed in 24-hour clock time (HHMM) (Time range: 0000 through 2359)		
>>	BGN05	623	**Time Code**	**O**	**ID 2/2**
			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		
			ET Eastern Time		

Segment: # N1 Name

Position:	030
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional (Must Use)
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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
			Code identifying an organizational entity or a physical location.		
			FR Message From		
>>	**N102**	**93**	**Name**	**C**	**AN 1/35**
			Free-form name		
			WHIRLPOOL CORPORATION		
>>	**N103**	**66**	**Identification Code Qualifier**	**C**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			92 Assigned by Buyer or Buyer's Agent		
>>	**N104**	**67**	**Identification Code**	**C**	**AD 3/3**
			Code identifying a party.		
			Whirlpool 3-digit Division code		

Whirlpool CORPORATION

Segment:	# N1 Name
Position:	090
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional (Must Use)
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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
			Code identifying an organizational entity or a physical location.		
			SU Supplier/Manufacturer		
>>	**N102**	**93**	**Name**	**C**	**AN 1/35**
			Free-form name		
			SUPPLIER NAME		
>>	**N103**	**66**	**Identification Code Qualifier**	**C**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			92 Assigned by Buyer or Buyer's Agent		
>>	**N104**	**67**	**Identification Code**	**C**	**AD 6/6**
			Code identifying a party.		
			Supplier Vendor id		

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:	
Comments:	**1** OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.

Comments:1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.

Comments:2 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

<div align="center">

Data Element Summary
</div>

	Ref. Des.	Data Element	Name	Attributes	
>>	OTI01	110	**Application Acknowledgment Code**	**M**	**ID 1/2**
			Code indicating the application system edit results of the business data		
			IR Item Reject		
>>	OTI02	128	**Reference Number Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Number.		
			SI Shippers ID		
>>	OTI03	127	**Reference Number**	**M**	**AN 1/30**
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
>>	OTI10	143	**Transaction Set Identifier Code**	**O**	**ID 3/3**
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
			856 Ship Notice/Manifest		

Segment:	**REF** Reference Numbers		
Position:	015		
Loop:	OTI Mandatory		
Level:	Detail		
Usage:	Optional (Must Use)		
Max Use:	1		
Purpose:	To specify identifying numbers.		
Syntax Notes:	**1** At least one of REF02 or REF03 is required.		
Semantic Notes:			
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	REF01	128	**Reference Number Qualifier**	**M ID 2/3**
			Code qualifying the Reference Number.	
			SI Shippers Identifying Number	
>>	REF02	127	**Reference Number**	**C AN 1/30**
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	

Whirlpool

Segment:	REF **Reference Numbers**
Position:	015
Loop:	OTI Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To specify identifying numbers.
Syntax Notes:	**1** At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**REF01**	**128**	**Reference Number Qualifier**	**M ID 2/3**
			Code qualifying the Reference Number.	
			PM Part Number	
>>	**REF02**	**127**	**Reference Number**	**C AN 1/30**
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	

Segment: **REF** Reference Numbers

Position:	020
Loop:	OTI Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	12
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	REF01	128	**Reference Number Qualifier**	**M ID 2/3**
			Code qualifying the Reference Number.	
			PO Purchase Order Number	
>>	REF02	127	**Reference Number**	**C AN 1/30**
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	

Segment: **DTM** Date/Time/Period

Position:	012
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 or DTM03 is required.
Semantic Notes:	
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> DTM01	374	**Date/Time Qualifier**	**M ID 3/3**
		Code specifying type of date or time, or both date and time	
		097 Transaction Creation	
>> DTM02	373	**Date**	**C DT 8/8**
		Date (CCYYMMDD)	
>> DTM03	337	**Time**	**C TM 4/8**
		Time expressed in 24-hour clock time (HHMM) (Time range: 0000 through 2359)	
		Time (HHMM)	
>> DTM04	623	**Time Code**	**O ID 2/2**
		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	
		ET Eastern Time	

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.).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**TED01**	**647**	**Application Error Condition Code**	**M ID 1/3**
			Code indicating application error condition	
			ZZZ Mutually Defined	
	TED07	**724**	**Copy of Bad Data Element**	**O AN 1/99**
			This is a copy of the data element in error	

Shown below is a partial listing of errors/discrepancies sent by Whirlpool relating to ASN's:

ATTENTION: AN INVALID PURPOSE CODE (*purpose code*) WAS FOUND ON YOUR ASN
ATTENTION: ASN# *asn number* IS INVALID; HAS LEADING OR EMBEDDED BLANKS
ATTENTION: NO RECEIPT REFERENCE NUMBER FOUND ON YOUR ASN
ATTENTION: AN INVALID SHIP-TO DIV# (*plant code*) WAS FOUND ON YOUR ASN
ATTENTION: THERE ARE TOO MANY PACKING LIST NUMBERS ON THE ASN; LIMIT IS *nnn*
ATTENTION: PACK LIST# *packing list number* IS DUPLICATED ON PART *Whirlpool part number*
ATTENTION: PO# PREFIX (*PO number prefix*) DOES NOT MATCH SHIP TO PLANT (*ship-to plant code*) ON YOUR ASN
ATTENTION: AN INCORRECT PART NO. (*Whirlpool part number*) WAS FOUND ON YOUR ASN
ATTENTION: NO PART NUMBER FOUND ON YOUR ASN
ATTENTION: AN INCORRECT SUPPLIER NUMBER (*supplier number*) WAS FOUND ON YOUR ASN
ATTENTION: A NON-NUMERIC TOTAL PART QTY WAS FOUND ON YOUR ASN
ATTENTION: A NON-NUMERIC NUMBER OF SKIDS WAS FOUND ON YOUR ASN
ATTENTION: AN INCORRECT OPERATION SEQ NBR (*operation sequence number*) WAS FOUND ON YOUR ASN
ATTENTION: INVALID PART REV LEVEL(*part rev level*) WAS FOUND ON YOUR ASN. LATER THAN CURRENT
ATTENTION: INVALID PART REV LEVEL (*part rev level*) WAS FOUND ON YOUR ASN
ATTENTION: ORDER *order number* NOT FOUND ON WHIRLPOOL FILES
ATTENTION: ORDER *order number* IS SPOT OR TOOL, ASN CANNOT BE PROCESSED
ATTENTION: THERE ARE TOO MANY PART NUMBERS FOR PACK LIST *pack list number*; LIMIT IS *nnn*
ATTENTION: PART# *Whirlpool part number* IS DUPLICATED ON PACK LIST *pack list number*
ATTENTION: SUM OF SKID QTYS (*material load quantity*) & REPORTED SHIP QTY (*reported ship quantity*) ARE DIFFERENT
ATTENTION: SKID SERIAL NUMBER MISSING ON YOUR ASN FOR DOCUMENT *document number*
ATTENTION: SKID SERIAL NUMBER MISSING ON YOUR ASN
ATTENTION: A NON NUMERIC QUANTITY WAS FOUND ON YOUR ASN FOR SKID NUMBER *skid number*
ATTENTION: THERE ARE TOO MANY SKID NUMBERS FOR PO# *order number*; LIMIT IS *nnn*
ATTENTION: SKID# *skid number* IS DUPLICATED ON PO# *order number*
ATTENTION: A SEQUENCE ERROR WAS ENCOUNTERED IN YOUR ASN
THIS ASN # WAS SENT TO WHIRLPOOL WITHIN THE LAST 12 MONTHS AND IS ALREADY CLOSED
THIS ASN # WAS SENT TO WHIRLPOOL WITHIN THE LAST 12 MONTHS AND IS STILL OPEN
WARNING: THIS OPEN ASN WITH THESE PARTS IS BEING REPLACED BY A CORRECTED ASN
THIS ASN # WAS ALREADY SENT TO WHIRLPOOL TODAY AND MUST BE DROPPED
PLEASE CONTACT YOUR WHIRLPOOL DIVISION PLANNER FOR MORE INFORMATION

Note: If you receive one or more of these messages, the ASN will be rejected.

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

Ref. Des.	Data Element	Name	Attributes
>> SE01	96	**Number of Included Segments**	**M N0 1/6**
		Total number of segments included in a transaction set including ST and SE segments	
>> SE02	329	**Transaction Set Control Number**	**M AN 4/9**
		Identifying control number assigned by the originator for a transaction set.	

X12 Sample

```
ST*824*000000001.
BGN*00*04*20020520*0405*ET.
N1*SU*SUPPLIER NAME*92*032155.
N1*FR*WHIRLPOOL CORPORATION*92*017679.
OTI*IR*SI*10736*******856.
REF*SI*313991.
REF*PM*2204605.
REF*PO*082229369.
DTM*166*20020520*0400*ET.
TED*ZZZ******ATTENTION: AN INVALID PURPOSE CODE (purpose code) WAS FOUND ON YOUR ASN
TED*ZZZ******ATTENTION: ASN#  asn number  IS INVALID; HAS LEADING OR EMBEDDED BLANKS
TED*ZZZ******PLEASE CONTACT YOUR WHIRLPOOL DIVISION PLANNER FOR MORE INFORMATION.
SE*000009*000000001.
```