



CP EDI 824 Guidelines (Version 4010)





# 824 Application Advice

Functional Group ID=AG

## Introduction:

This X12 Transaction Set 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 824 is sent from CP to advise application system(s) level acknowledgment to the sender. It reports if the bill of lading (404) or Empty Marine Equipment booking (301) transaction set was accepted, accepted with errors or rejected by CP.

## Heading:

CP Attributes	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	<u>ST</u>	Transaction Set Header	M	1		
M	020	<u>BGN</u>	Beginning Segment	M	1		
LOOP ID - N1						>1	
Not Used	030	N1	Name	O	1		
Not Used	040	N2	Additional Name Information	O	2		
Not Used	050	N3	Address Information	O	2		
Not Used	060	N4	Geographic Location	O	1		
Not Used	070	REF	Reference Identification	O	12		
Not Used	080	PER	Administrative Communications Contact	O	3		

## Detail:

CP Attributes	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - OT1						>1	
M	010	<u>OTI</u>	Original Transaction Identification	M	1		n1
O	020	<u>REF</u>	Reference Identification	O	12		n2
Not Used	030	DTM	Date/Time Reference	O	2		n3
Not Used	040	PER	Administrative Communications Contact	O	3		n4
Not Used	050	AMT	Monetary Amount	O	>1		n5
Not Used	060	QTY	Quantity	O	>1		n6
Not Used	065	NM1	Individual or Organizational Name	O	9		n7
LOOP ID - TED						>1	
O	070	<u>TED</u>	Technical Error Description	O	1		
Not Used	080	NTE	Note/Special Instruction	O	100		
Not Used	082	RED	Related Data	O	100		n8
LOOP ID - LM						>1	
Not Used	085	LM	Code Source Information	O	1		n9
LOOP ID - LQ						100	
Not Used	086	LQ	Industry Code	M	1		
Not Used	087	RED	Related Data	O	100		n10
M	090	<u>SE</u>	Transaction Set Trailer	M	1		



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: The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition  
 Comments:  
 Business Rules:

Data Element Summary

CP	Ref.	Data		
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			824 Application Advice	
M	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group 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: 1 BGN02 is the transaction set reference number.  
 2 BGN03 is the transaction set date.  
 3 BGN04 is the transaction set time.  
 Comments:

Data Element Summary

CP	Ref.	Data		
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BGN01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
			00 Original	
M	BGN02	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	



M	BGN03	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	
X	BGN04	337	Time	X 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)	
Not Used	BGN05	623	Time Code	O ID 2/2
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	BGN06	127	Reference Identification	O AN 1/30
Not Used	BGN07	640	Transaction Type Code	O ID 2/2
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	BGN08	306	Action Code	O ID 1/2
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	BGN09	786	Security Level Code	O ID 2/2
			Refer to 004010 Data Element Dictionary for acceptable code values.	

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: If OTI09 is present, then OTI08 is required.

Semantic Notes: 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.

Comments: 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.

Data Element Summary

CP	Ref.	Data		Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	OTI01	110	Application Acknowledgment Code	M ID 1/2
			Code indicating the application system edit results of the business data	
			TA Transaction Set Accept	
			TE Transaction Set Accept with Error	
			TR Transaction Set Reject	



M	OTI02	128	Reference Identification Qualifier Code qualifying the Reference Identification	M	ID 2/3
			BA Retirement Plan Policy Number Used to report CP Intermodal load number		
			BM Bill of Lading Number		
			BN Booking Number		
M	OTI03	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN 1/30
Not Used	OTI04	142	Application Sender's Code	O	AN 2/15
Not Used	OTI05	124	Application Receiver's Code	O	AN 2/15
O	OTI06	373	Date Date expressed as CCYYMMDD	O	DT 8/8
O	OTI07	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)	O	TM 4/8
X	OTI08	28	Group Control Number Assigned number originated and maintained by the sender	X	NO 1/9
O	OTI09	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	O	AN 4/9
Not Used	OTI10	143	Transaction Set Identifier Code Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 3/3
Not Used	OTI11	480	Version / Release / Industry Identifier Code Refer to 004010 Data Element Dictionary for acceptable code values.	O	AN 1/12
Not Used	OTI12	353	Transaction Set Purpose Code Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	OTI13	640	Transaction Type Code Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	OTI14	346	Application Type Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	OTI15	306	Action Code Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 1/2
Not Used	OTI16	305	Transaction Handling Code Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 1/2
Not Used	OTI17	641	Status Reason Code Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 3/3



Segment: **REF** Reference Identification  
 Position: 020  
 Loop: OTI Mandatory  
 Level: Detail  
 Usage: Optional  
 Max Use: 12  
 Purpose: To specify identifying information  
 Syntax Notes: At least one of REF02 or REF03 is required.  
 Semantic Notes:  
 Comments:

Data Element Summary

CP	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	<u>Attributes</u>
M	REF01	128 Reference Identification Qualifier Code qualifying the Reference Identification EQ Equipment Number WY Waybill Number	M ID 2/3
O	REF02	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Equipment initial and number</b>	X AN 1/30
Not Used	REF03	352 Description	X AN 1/80
Not Used	REF04	C040 Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128 Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
Not Used	C04002	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128 Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3
Not Used	C04004	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128 Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3
Not Used	C04006	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30



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

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
M	TED01	647	Application Error Condition Code Code indicating application error condition ZZZ Mutually Defined	M ID 1/3
O	TED02	3	Free Form Message Free-form text	O AN 1/60
Not Used	TED03	721	Segment ID Code	O ID 2/3
Not Used	TED04	719	Segment Position in Transaction Set	O N0 1/6
Not Used	TED05	722	Element Position in Segment	O N0 1/2
Not Used	TED06	725	Data Element Reference Number	O N0 1/4
Not Used	TED07	724	Copy of Bad Data Element	O AN 1/99
Not Used	TED08	961	Data Element New Content	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

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</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



## Sample 824s:

### Example 1- 301 Transaction Set Accepted

```
ISA*00*      *00*      *ZZ*CPRST      *ZZ*RECEIVER      *181105*1728*U*00401*000301801*0*P*  
GS*AG*CPRST*RECEIVER*20181105*1728*301801*X*004010  
ST*824*301801001  
BGN*00*1*20181105*1728  
OTI*TA*BN*17531000***20181105*2222*161330000*1  
SE*4*301801001  
GE*1*301801  
IEA*1*000301801
```

### Example 2- 301 Transaction Set Rejected

```
ISA*00*      *00*      *ZZ*CPRST      *ZZ*RECEIVER      *181105*1728*U*00401*000301801*0*P*  
GS*AG*CPRST*RECEIVER*20181105*1728*301801*X*004010  
ST*824*301801001  
BGN*00*1*20181105*1728  
OTI*TR*BN*19996110***20181105*2222*161331102*1  
TED*ZZZ*UNABLE TO MATCH ISO EQUIPMENT CODE IN Y4 SEGMENT  
SE*5*301801001  
GE*1*301801  
IEA*1*000301801
```

### Example 3- 301 Transaction Set Accepted with errors

```
ISA*00*      *00*      *ZZ*CPRST      *ZZ*RECEIVER      *181105*1722*U*00401*000301802*0*P*  
GS*AG*CPRST*RECEIVER*20181105*1722*301802*X*004010  
ST*824*301802001  
BGN*00*1*20181105*1722  
OTI*TE*BN*13660675***20181105*2217*28905*1  
TED*ZZZ*MISSING VESSEL NAME IN V1 SEGMENT  
TED*ZZZ*MISSING VOYAGE NUMBER IN V1 SEGMENT  
TED*ZZZ*UNABLE TO MATCH LOCATION CODE IN R4 SEGMENT  
SE*7*301802001  
GE*1*301802  
IEA*1*000301802
```





## Example 4- 404 Transaction Set Accepted

```
ISA*00*      *00*      *ZZ*CPRST      *ZZ*RECEIVER      *181105*1828*U*00401*000503001*0*P*<
GS*AG*CPRST*RECEIVER*20181105*1828*503001*X*004010
ST*824*503001
BGN*00*404*20181105*1828
OTI*TA*BM*SAMPLE640400***20181105*1808*52184*1
REF*EQ*ABCU663542
REF*WY*432100
SE*6*503001
GE*1*503001
IEA*1*0000503001
```

## Example 5- 404 Transaction Set Accepted with errors

```
ISA*00*      *00*      *ZZ*CPRST      *ZZ*RECEIVER      *181105*1342*U*00401*00031300*0*P*<
GS*AG*CPRST*RECEIVER*20181105*1342*31300*X*004010
ST*824*0001
BGN*00*404*20181105*1342
OTI*TE*BM*8003000000***20181105*134159*40199*401990001
REF*EQ*PROX70000
TED*ZZZ*MISSING REFERENCE HS (HARMONIZED CODE), PLEASE PROVIDE DATA
TED*ZZZ*MISSING REFERENCE FRC (FIRMS CODE), PLEASE PROVIDE DATA
SE*7*0001
GE*1*31300
IEA*1*000031300
```

## Example 6- 404 Transaction Set Rejected

```
ISA*00*      *00*      *ZZ*CPRST      *ZZ*RECEIVER      *181027*0147*U*00401*000126349*0*T*|
GS*AG*CPRST*RECEIVER*20181027*0147*263490001*X*004010
ST*824*0001
BGN*00*404*20181027*0147
OTI*TR*BA*TT80100000***20181027*014659*69320*69320001
REF*EQ*ABCU00009860640
TED*ZZZ*ERP & PHONE NUMBER MISSING ON EDI DATA.
SE*6*0001
GE*1*263490001
IEA*1*000126349
```