

ASC X12 4010 EDI Implementation Guidelines
315 Status Details (Ocean)

May 7, 2018

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Transportation EDI Implementation Guidelines ASC X12 4010 315: Status Details (Ocean)

Change Summary

Date	Action	Segment	Segment Description	Element	Description of Change
05/07/2018	Updated	NA	NA	NA	Changed reference of GP to KBX Logistics, LLC

Transportation EDI Implementation Guidelines ASC X12 4010 315: Status Details (Ocean)

Transaction Examples:

ST^315^22964~

B4^^^I^20180618^1941^^NYKU^498461^L^45G0^USLAX^UN^2~

N9^BM^RICUC2650300~

N9^BN^RICUC2650300~

N9^SN^45283949~

N9^EQ^NYKU4984612~

N9^SCA^ONEY~

O2^9302621^^^^^0072^^^L^YM UTMOST~

R4^R^UN^USLAX^LOS ANGELES, CA^US^^^CA~

DTM^140^20180614^224300^LT~

R4^L^UN^USLAX^LOS ANGELES, CA^US^^^CA~

DTM^139^20180629^120000^LT~

R4^Y^UN^HKHKG^HONG KONG^HK~

DTM^139^20180721^130000^LT~

R4^D^UN^VNHPH^HAIPHONG^VN~

DTM^139^20180725^120000^LT~

R4^E^UN^VNHPH^HAIPHONG^VN~

DTM^139^20180725^120000^LT~

SE^19^22964~

ST*315*0002~

B4***RD*20180619*1158*CNHUA*CMAU*828954*E*4300*CNHUA*UN*8~

N9*BM*NAM3056442~

N9*BN*NAM3056442~

N9*SN*GP015833~

O2*9403621*****72***0PGS1W1MA***L*APL NORWAY~

R4*L*UN*USMOB*MOBILE, AL*US***AL~

DTM*140*20180423*1200*LT~

R4*D*UN*CNHUA*HUANGPU*CN***44~

DTM*140*20180609*1200*LT~

R4*Y*UN*HKHKG*HONG KONG~

DTM*140*20180602*1200*LT~

R4*R*UN*USMOB*MOBILE, AL*US***AL~

DTM*140*20180423*1200*LT~

R4*E*UN*CNHUA*HUANGPU*CN***44~

DTM*140*20180609*1200*LT~

SE*17*0002~

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Electronic Commerce Help Desk – Contact List

<u>Name</u>	Group/Support Area	Phone	<u>Email</u>
EC Help Desk	Electronic Commerce Help Desk	(920) 438-2100	GRPEDIHelpdesk@gapac.com

This document identifies all data elements KBX Logistics, LLC would like our transportation vendors to provide when sending electronic freight invoices (310's). The Georgia-Pacific EDI team handles KBX Logistics' EDI transactions, so you will see Georgia-Pacific referenced below which indicates both KBX Logistics and Georgia-Pacific requirements. Please contact EC Help Desk if you have any questions.

Please notify the EC Help Desk if you do not wish to receive 997's for 315 Transactions

Transportation EDI Implementation Guidelines ASC X12 4010 315: Status Details (Ocean)

315 Status Details (Ocean)

Functional Group ID=QO

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Status Details (Ocean) Transaction Set (315) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide all the information necessary to report status or event details for selected shipments or containers. It is intended to accommodate the details for one status or event associated with many shipments or containers, as well as more than one status or event for one shipment or container.

M	Pos. No. 010	Seg. <u>ID</u> ST	Name Transaction Set Header	Req. Des. M	Max.Use	Loop Repeat	Notes and Comments
M	020	B4	Beginning Segment for Inquiry or Reply	M	1		
	030	N9	Reference Identification	O	30		
	040	Q2	Status Details (Ocean)	O	1		
	050	SG	Shipment Status	О	15		
			LOOP ID - R4			20	
M	060	R4	Port or Terminal	M	1		
	070	DTM	Date/Time Reference	O	15		
	080	V9	Event Detail	О	10		
M	090	SE	Transaction Set Trailer	M	1		

Transportation EDI Implementation Guidelines ASC X12 4010 315: Status Details (Ocean)

Segment: ST Transaction Set Header

Position: 010

Loop: Level:

Usage: Mandatory

Max Use:

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:

Business Rules: Variable Name: STST

Data Element Summary

M	Ref. <u>Des.</u> ST01	Data Element 143	Name Transaction Set Identifier Code	Attı M	ributes ID 3/3		
			Code uniquely identifying a Transaction Set				
			Refer to 004010 Data Element Dictionary for acceptable code	e valu	ies.		
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				

Transportation EDI Implementation Guidelines ASC X12 4010 315: Status Details (Ocean)

> B4 Beginning Segment for Inquiry or Reply **Segment:**

Position:

Loop: Level:

Usage: Mandatory

Max Use:

To transmit identifying numbers, dates, and other basic data relating to the transaction set **Purpose:**

Syntax Notes: If either B407 or B408 is present, then the other is required.

If either B411 or B412 is present, then the other is required.

Semantic Notes: 1 B404 is the date of last reported status of cargo.

Comments:

Data Element Summary

	_	Data Element Summar y		
Ref.	Data			
Des.	Element	Name		<u>ributes</u>
B401	152	Special Handling Code	O	ID 2/3
		Code specifying special transportation handling instructions		
		Refer to 004010 Data Element Dictionary for acceptable cod	e valı	ies.
B402	71	Inquiry Request Number	O	N0 1/3
		Identifying number assigned by inquirer		
B403	157	Shipment Status Code	O	ID 1/2
		Code indicating the status of a shipment		
		Refer to 004010 Data Element Dictionary for acceptable cod	e valı	ies.
B404	373	Date	O	DT 8/8
		Date expressed as CCYYMMDD		
B405	161	Status Time	O	TM 4/4
		Time (HHMM) of last reported status of cargo		
B406	159	Status Location	O	AN 3/5
		Air shipment: Airport code for last reported status for a shipr shipment is in-flight, the status location is the origin airport f		
		Ground transportation: Code of carrier's terminal	or un	s mgm)
B407	206	Equipment Initial	X	AN 1/4
		Prefix or alphabetic part of an equipment unit's identifying no	umbe	r
B408	207	Equipment Number	X	AN 1/10
		Sequencing or serial part of an equipment unit's identifying n	umbe	er (pure
		numeric form for equipment number is preferred)		4
B409	578	Equipment Status Code	O	ID 1/2
		Code indicating status of equipment		
		Refer to 004010 Data Element Dictionary for acceptable cod	e valı	ies.
B410	24	Equipment Type	O	ID 4/4
		Code identifying equipment type		
B411	310	Location Identifier	\mathbf{X}	AN 1/30
		Code which identifies a specific location		
B412	309	Location Qualifier	X	ID 1/2
		Code identifying type of location		
		Refer to 004010 Data Element Dictionary for acceptable cod	e valı	ies.

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B413 761 Equipment Number Check Digit

O N0 1/1

Number which designates the check digit applied to a piece of equipment

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Segment: N9 Reference Identification

Position: 030

Loop: Level:

Usage: Optional
Max Use: 30

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Syntax Notes: 1 At least one of N902 or N903 is required.

2 If N906 is present, then N905 is required.

3 If either C04003 or C04004 is present, then the other is required.
4 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 N906 reflects the time zone which the time reflects.

N907 contains data relating to the value cited in N902.

Comments:

Data Element Summary

			Data Element Summary				
	Ref.	Data	Nome	A 441	ributos		
M	<u>Des.</u> N901	Element 128	Name Reference Identification Qualifier		ributes ID 2/3		
	1,502	120	Code qualifying the Reference Identification		12 2,0		
			Refer to 004010 Data Element Dictionary for acceptable code	e valı	ies.		
	N902	127	Reference Identification	X	AN 1/30		
			Reference information as defined for a particular Transaction	Set o	or as		
		• • •	specified by the Reference Identification Qualifier				
	N903	369	Free-form Description	X	AN 1/45		
			Free-form descriptive text				
	N904	373	Date	O	DT 8/8		
			Date expressed as CCYYMMDD				
	N905	337	Time	\mathbf{X}	TM 4/8		
	NOO	(22	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)				
	N906	623	Time Code	0	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 Refer to 004010 Data Element Dictionary for acceptable code values.				
	N907	C040	Reference Identifier	O			
M	C04001	128	To identify one or more reference numbers or identification r specified by the Reference Qualifier Reference Identification Qualifier	numbe M	ers as ID 2/3		
			Code qualifying the Reference Identification				
			Refer to 004010 Data Element Dictionary for acceptable code	e valı	ies.		
M	C04002	127	Reference Identification	M	AN 1/30		

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Reference information as defined for a particular Transaction Set or as

C04006	127	Reference Identification	X	AN 1/30
		Refer to 004010 Data Element Dictionary for acceptable co	de valı	ues.
		Code qualifying the Reference Identification		
C04005	128	Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier Reference Identification Qualifier	n Set	or as ID 2/3
C04004	127	Reference Identification	X	AN 1/30
		Refer to 004010 Data Element Dictionary for acceptable co-	de valı	ues.
		Code qualifying the Reference Identification		
C04003	128	Reference Identification Qualifier	X	ID 2/3
		specified by the Reference Identification Qualifier		

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

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Segment: Q2 Status Details (Ocean)

Position: 040

Loop: Level:

Usage: Optional

Max Use: 1

Purpose: To transmit identifying information relative to identification of vessel, transportation

dates, lading quantity, weight, and cube

Syntax Notes: 1 If any of Q207 Q208 or Q216 is present, then all are required.

2 If Q210 is present, then Q211 is required.

3 If either Q214 or Q215 is present, then the other is required.

Semantic Notes: 1 Q202 is the code identifying the country in which the ship (vessel) is registered.

2 Q203 is the required pier date.

3 Q204 is the date of departure of the vessel.

4 Q205 is the date the shipment was unloaded from the vessel.

Comments:

Data Element Summary

Ref.	Data			
Des.	Element	<u>Name</u>	Attı	<u>ributes</u>
Q201	597	Vessel Code	O	ID 1/8
		Code identifying vessel		
Q202	26	Country Code	O	ID 2/3
		Code identifying the country		
Q203	373	Date	O	DT 8/8
		Date expressed as CCYYMMDD		
Q204	373	Date	0	DT 8/8
		Date expressed as CCYYMMDD		
Q205	373	Date	0	DT 8/8
		Date expressed as CCYYMMDD		
Q206	80	Lading Quantity	0	N0 1/7
		Number of units (pieces) of the lading commodity		
Q207	81	Weight	X	R 1/10
		Numeric value of weight		
Q208	187	Weight Qualifier	X	ID 1/2
		Code defining the type of weight		
		Refer to 004010 Data Element Dictionary for acceptable coo	le valı	ies.
Q209	55	Flight/Voyage Number	0	AN 2/10
		Identifying designator for the particular flight or voyage on travels	which	the cargo
Q210	128	Reference Identification Qualifier	0	ID 2/3
Q210	120	Code qualifying the Reference Identification	Ü	10 2/0
		Refer to 004010 Data Element Dictionary for acceptable coo	le valı	100
Q211	127	Reference Identification	X	AN 1/30
Q211	14/			
		Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	ı set (or as

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Q212	897	Vessel Code Qualifier	O	ID 1/1
		Code specifying vessel code source		
		Refer to 004010 Data Element Dictionary for acceptable code	e valu	ies.
Q213	182	Vessel Name	O	AN 2/28
		Name of ship as documented in "Lloyd's Register of Ships"		
Q214	183	Volume	X	R 1/8
		Value of volumetric measure		
Q215	184	Volume Unit Qualifier	X	ID 1/1
		Code identifying the volume unit		
		Refer to 004010 Data Element Dictionary for acceptable code	e valu	ies.
Q216	188	Weight Unit Code	X	ID 1/1
		Code specifying the weight unit		
		Refer to 004010 Data Element Dictionary for acceptable code	e valı	ies.

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Segment: SG Shipment Status

Position: 050

Loop:

Level:
Usage: Optional
Max Use: 15

Purpose: To convey the status of a shipment

Syntax Notes: 1 At least one of SG01 SG02 or SG03 is required.

2 If SG06 is present, then SG05 is required.

Semantic Notes: Comments:

Data Element Summary

		Data Element Summary						
Ref.	Data							
Des.	Element	<u>Name</u>	Attr	<u>ributes</u>				
SG01	157	Shipment Status Code	X	ID 1/2				
		Code indicating the status of a shipment						
		Refer to 004010 Data Element Dictionary for acceptable code	e valu	ies.				
SG02	641	Status Reason Code	X	ID 3/3				
		Code indicating the status reason						
		Refer to 004010 Data Element Dictionary for acceptable code	e valu	ies.				
SG03	35	Disposition Code	X	ID 2/2				
		Code advising the carrier or port authority about postings to a	ı bill	of lading				
SG04	373	Date	O	DT 8/8				
		Date expressed as CCYYMMDD						
SG05	337	Time	X	TM 4/8				
		Time expressed in 24-hour clock time as follows: HHMM, or	· HH	MMSS, or				
		HHMMSSD, or HHMMSSDD, where $H = hours$ (00-23), M						
		(00-59), S = integer seconds $(00-59)$ and DD = decimal seconds						
		seconds are expressed as follows: $D = tenths (0-9)$ and $DD = (00-99)$	hund	redths				
SG06	623	Time Code	0	ID 2/2				
5000	020	Code identifying the time. In accordance with International S	tonde					
		Organization standard 8601, time can be specified by a + or -						
		in hours in relation to Universal Time Coordinate (UTC) time						
		restricted character, + and - are substituted by P and M in the						
		Refer to 004010 Data Element Dictionary for acceptable code						
		Refer to 004010 Butta Element Bietlonary for acceptable code values.						

ASC X12 Version 4010

June 25, 2018

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> R4 Port or Terminal **Segment:**

Position:

Mandatory Loop: R4

Level:

Usage: Mandatory

Max Use:

Contractual or operational port or point relevant to the movement of the cargo **Purpose:**

1 R4 is required for each port to be identified.

Syntax Notes:

Comments:

If either R402 or R403 is present, then the other is required. **Semantic Notes:**

Data Element Summary

M	Ref. <u>Des.</u> R401	Data Element 115	Name Port or Terminal Function Code		ributes ID 1/1
			Code defining function performed at the port or terminal with shipment Refer to 004010 Data Element Dictionary for acceptable cod	•	
	R402	309	Location Qualifier	X	ID 1/2
			Code identifying type of location		
			Refer to 004010 Data Element Dictionary for acceptable cod	e valu	ies.
	R403	310	Location Identifier	X	AN 1/30
			Code which identifies a specific location		
	R404	114	Port Name	O	AN 2/24
	R405	26	Free-form name for the place at which an offshore carrier or terminates (by transshipment or otherwise) its actual ocean c Country Code	_	
			Code identifying the country		
	R406	174	Terminal Name	O	AN 2/30
			Free-form field for terminal name		
	R407	113	Pier Number	O	AN 1/4
			Identifying number for the pier		
	R408	156	State or Province Code	O	ID 2/2
			Code (Standard State/Province) as defined by appropriate go	vernn	nent agency

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Segment: DTM Date/Time Reference

Position: 070

Loop: R4 Mandatory

Level:

Usage: Optional Max Use: 15

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.

2 If DTM04 is present, then DTM03 is required.

3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes: Comments:

Data Element Summary

			Data Element Summary				
	Ref.	Data					
3.5	Des.	Element	Name Name		ributes		
M	DTM01	374	Date/Time Qualifier	M	ID $3/3$		
			Code specifying type of date or time, or both date and time				
			Refer to 004010 Data Element Dictionary for acceptable code	e valı	ies.		
	DTM02	373	Date	X	DT 8/8		
			Date expressed as CCYYMMDD				
	DTM03	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)				
	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 indicate 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 followed from the code was a restricted character of the code will be code with the code will be				
	DTM05	1250	Date Time Period Format Qualifier	X	ID 2/3		
			Code indicating the date format, time format, or date and time format				
			Refer to 004010 Data Element Dictionary for acceptable code values.				
	DTM06	1251	Date Time Period	\mathbf{X}	AN 1/35		
			Expression of a date, a time, or range of dates, times or dates	and t	times		

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Segment: V9 Event Detail

Position: 080

Loop: Level:

Usage: Optional
Max Use: 10

Purpose: To specify information about a specific event

Syntax Notes: 1 If either V910 or V911 is present, then the other is required.

2 If V913 is present, then V904 is required.

3 If V915 is present, then V909 is required.

Semantic Notes: 1 V903 is the event date.

2 V904 is the event time.

3 V909 is the Standard Point Location Code (SPLC) of the event shown in the V901.

4 V910 is the length of the time delay expressed in hours.

5 V913 reflects the time zone which the event time reflects.

6 V914 is the quantity of the fuel in gallons.

7 V915 is the Standard Point Location Code (SPLC) of the secondary point of the delay indicated in the V911.

8 V916 is the total number of rail cars associated with the event code in V901.

9 V917 is the total number of loaded cars associated with the event code in V901.

10 V918 is the total number of empty cars associated with the event code in V901.

11 V919 is the total Gross Tons of the cars identified in V916. Includes the gross weight of the loads and the tare weight of the empties.

12 V920 is the total outside foot length of the cars identified in V916, rounded off to the nearest foot.

Comments:

Data Element Summary

	Data Exchent Summary								
M	Ref. <u>Des.</u> V901	Data <u>Element</u> 304	Name Event Code		ributes ID 3/3				
	,,,,,		Code identifying the event about which a report is made		22 0,0				
			Refer to 004010 Data Element Dictionary for acceptable code values.						
	7/002	106	,	•					
	V902	106	Event	O	AN 1/25				
			Free-form description of event						
	V903	373	Date	O	DT 8/8				
			Date expressed as CCYYMMDD						
	V904	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)						
	V905	19	City Name	O	AN 2/30				
			Free-form text for city name						
	V906	156	State or Province Code	O	ID 2/2				
			Code (Standard State/Province) as defined by appropriate government age						
	V907	26	Country Code	O	ID 2/3				

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		Code identifying the country					
V908	641	Status Reason Code		ID 3/3			
		Code indicating the status reason					
		Refer to 004010 Data Element Dictionary for acceptable code	e valı	ies.			
V909	154	Standard Point Location Code	X	ID 6/9			
		Code (Standard Point Location) defined by NMFTA point de as the official code assigned to a city or point (for ratemaking a city)					
V910	380	a city Quantity	X	R 1/15			
1710	200	Numeric value of quantity	21	K 1/10			
V911	1274	Train Delay Reason Code		AN 2/2			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	12	Code specifying reason for train delay	X	111 \ 2/2			
V912	61	Free-Form Message	0	AN 1/30			
,,,,,	V-	Free-form information	Ü	121 (2/0 0			
V913	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 Refer to 004010 Data Element Dictionary for acceptable code values.					
V914	380	Quantity	O	R 1/15			
		Numeric value of quantity					
V915	154	Standard Point Location Code	O	ID 6/9			
		Code (Standard Point Location) defined by NMFTA point development grou as the official code assigned to a city or point (for ratemaking purposes) with a city					
V916	86	Total Equipment	O	N0 1/3			
		Total pieces of equipment					
V917	86	Total Equipment	O	N0 1/3			
		Total pieces of equipment					
V918	86	Total Equipment	O	N0 1/3			
		Total pieces of equipment					
V919	81	Weight	O	R 1/10			
		Numeric value of weight					
V920	82	Length	O	R 1/8			
		Largest horizontal dimension of an object measured when the upright position	obje:	ect is in the			

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> **SE** Transaction Set Trailer **Segment:**

Position:

Loop: Level:

Usage: Mandatory

Max Use:

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

M	Ref. Des. SE01	Data Element 96	Name Number of Included Segments	Attr M	ributes N0 1/10
M	SE02	329	Total number of segments included in a transaction set include segments Transaction Set Control Number	ling S M	T and SE AN 4/9
			Identifying control number that must be unique within the tra functional group assigned by the originator for a transaction s		ion set