

KBX Technology Solutions, LLC Electronic Data Interchange

Transportation EDI Implementation Guidelines

ASC X12 4010 990: Response to a Load Tender



Advantage Delivered

**KBX Technology Solutions, LLC
Electronic Data Interchange**

**ASC X12 4010 EDI Implementation Guidelines
990 Response to a Load Tender**

Load Tender Response Requirements

This document identifies all data elements KBX Technology Solutions, LLC would like our transportation vendors to provide when sending electronic Load Tender Responses (990s). The KBX Technology Solutions, LLC EDI team handles KBX Logistics' EDI transactions, as well as Georgia-Pacific, Flint Hills Resources and other KBX Tech customer freight.

A "Must Respond By Date/Time" is sent to the carrier on the Load Tender offer (204, B2A*00*LT). Carriers are expected to respond to each Load Tender offer with a (990) Response to Load Tender message prior to this time for truckload operations. If, for any reason, a carrier is unable to send the (990) Response to Load Tender, the carrier must call the originator of the Load Tender offer to respond verbally by the response time noted in the Load Tender offer. Receipt of the (990) Response to Load Tender the response timer. The suggested response time is two hours. KBX Technologies requires a (990) Response **ONLY** to the original Load Tender offer (B2A*00*LT).

Please Note:

- **A 990 is required in response to ONLY the "Original" (204) Load Tender. The PRO# is expected and used but if not available for original tender, send the 990 without the N9 to accept the load.**
- **990s are NOT required in response to 204 changes or cancels but may be sent to provide the PRO#**
- **If the 990 cannot be sent, the carrier must call the planner to confirm or deny each load**
- **Functional Acknowledgments (997's) are generated for 990's and KBX Tech expects trading partners to monitor their receipt.**

Please notify Orderful if you do not wish to receive 997's for 990 Transactions.

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A Note to Carriers Migrating Load Tender from GPTSPP to KBXTECH:

- Contact information has changed from GP EDI to Orderful and KBX Technology Solutions
- GPTSPP and GPTPGP connections are still maintained by GP EDI but our intent is that KBXTECH will retire these ISA IDs once all carriers have been migrated.
- A single ISA GS receiver ID (KBXTECH) will be used for **both Test and Production messages**
- ISA_15 will indicate the destination of the inbound message.
 - Only an ISA_15 of 'P' will go to the "Live" stream in Orderful and into our Production environment
 - An ISA_15 of 'T' will route messages ONLY to the "Test" stream in Orderful and can only be sent to our Test environment.

- *Specific to 990s:*
 - *K1 segment has been added to allow for carriers to provide reason codes and description when they are rejecting a tender. It should only be used when declining a load. There is no change to the business process for notifying a planner when rejecting a GP or KBX load.*
 - *Added code list for K1 to represent the suggested codes which should be sent if a load is declined.*

- Our former EDI Platform may not have thrown errors for certain invalid data outside of tolerance noted in GPTSPP or KBXL specifications. In contrast, Orderful's platform is designed kick out any invalid data received that is outside the tolerance noted in our KBXTECH specifications.
- Carriers are required to subscribe to notifications in Orderful's platform.
- Any errored data received in platform will need to be resent correctly to successfully reach KBXTECH.

Electronic Commerce Help Desk - Contact List

<u>Name</u>	<u>Support Area</u>	<u>Submit Request</u>	<u>E-mail</u>
Orderful Help Center	EDI Connectivity / Orderful Portal / Outage questions	https://orderful.zendesk.com/hc/en-us/requests/new	Support@Orderful.com
KBX Technology Solutions	General Onboarding, Completeness and Compliance questions		VisibilityOperations@kbxlogistics.com KBXTECHB2Bsupport@kbx.global

Document Flow - Truckload Operations

204= Load Tender 990=Acceptance/Decline 214=Shipment Status

-----Truck/Trailer not loaded-----

KBX Technology Solutions, LLC

Carrier

204 Original Load Tender Offer

B2A*00*LT

→

←

997s Functional Acknowledgement

←

990s Response to Load Tender

←

214s Delivery Appointments

←

214s Pick-Up Appointments

204 LT Change: B2A*04*LT

→

←

214s Confirmed Delivery Appointments

←

214s Exceptions – Shipment Status

204 LT Cancel : B2A*01*LT

→

-----Truck/Trailer is loaded-----

←

214s Pick-Up In Transit Status and Position Reporting

←

214s Arrival at Pick-Up Location.

←

214s Estimated Arrival to Pickup

←

214s Carrier Departed Pick-Up Location with Shipment

←

214s Estimated Arrival to Delivery

←

214s Delivery In Transit Status and Position Reporting

←

214s Arrival at Destination

←

214s Departed From Delivery

990 Transaction Structure

Pos.	Seg.			
No.	ID	Name	Max.Use	Loop Repeat
001	ISA	Interchange Control Header	1	
002	GS	Functional Group Header	1	
010	ST	Transaction Set Header	1	
020	B1	Beginning Segment for Booking or Pick-up/Delivery	1	
030	N9	Reference Identification	1	
060	K1	Remarks for Declined reason	1	
070	SE	Transaction Set Trailer	1	
080	GE	Functional Group Trailer	1	
090	IEA	Interchange Control Trailer	1	

ISA Interchange Control Header

Position:
Loop:
Level:
Usage: Mandatory
Max Use: 1
Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
ISA01	I01	Authorization Information Qualifier 00 = No Authorization Information Present	ID 2/2
ISA02	I02	Authorization Information Spaces	AN 10/10
ISA03	I03	Security Information Qualifier 00 = No Security Information Present	ID 2/2
ISA04	I04	Security Information Spaces	AN 10/10
ISA05	I05	Interchange ID Qualifier Carrier Interchange ID Qualifier	ID 2/2
ISA06	I06	Interchange Sender ID Carrier Interchange ID	AN 15/15
ISA 07	I05	Interchange ID Qualifier ZZ = Mutually Defined	ID 2/2
ISA08	I07	Interchange Receiver ID KBXTECH for Test and Production	AN 15/15
ISA09	I08	Interchange Date YYMMDD	DT 6/6
ISA10	I09	Interchange Time HHMM	TM 4/4
ISA11	I10	Interchange Control Standards Identifier U = U.S. EDI Community of ASC X12, TDCC, and UCS	ID 1/1
ISA12	I11	Interchange Control Version Number 00400	ID 5/5
ISA13	I12	Interchange Control Number	N0 9/9
ISA14	I13	Acknowledgment Requested <i>Note: This is an informational only field. The value sent in this element alone does not drive the generation of an acknowledgment 997 for any 990 sent. Within Orderful's platform 997s can be turned on or off within the Trading Partner Relationships setting page.</i>	ID 1/1
ISA15	I14	Usage Indicator P= Production Data shows "Live" Environment in Orderful T= Test Data shows "Test" Environment in Orderful NOTE: An indicator of T will not be passed into the production "Live" environment.	ID 1/1
ISA16	I15	Component Element Separator	1/1



GS Functional Group Header

Position:
Loop:
Level:
Usage: Mandatory
Max Use: 1

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
GS01	479	Functional Identifier Code	ID 2/2
		GF = Response To a Load Tender	
GS02	142	Application Sender's Code	AN 2/15
		Carrier Application ID	
GS03	124	Application Receiver's Code	AN 2/15
		KBXTECH for Test and Production	
GS04	373	Group Date	DT 8/8
		CCYYMMDD	
GS05	337	Group Time	TM 4/8
		HHMM	
GS06	28	Group Control Number	N0 1/9
GS07	455	Responsible Agency Code	ID 1/2
		X = Accredited Standards Committee X12	
GS08	480	Version/Release/Industry ID Code	AN 1/12
		004010	

ST Transaction Set Header

Position: 010
Loop:
Level:
Usage: Mandatory
Max Use: 1

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
ST01	143	Transaction Set Identifier Code	ID 3/3
		990 Response To a Load Tender	
ST02	329	Transaction Set Control Number	AN 4/9

B1 Beginning Segment for Booking or Pick-up/Delivery

Position: 020
Loop:
Level:
Usage: Mandatory
Max Use: 1

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
B101	140	Standard Carrier Alpha Code	ID 2/4
		Assigned Carrier SCAC code from 204-B202	
B102	145	Shipment Identification Number	AN 1/30
		Shipment id from 204-B204	
B103	373	Date	DT 8/8
		(Booking Date)	
		Date Load Tender offer was accepted	
B104	558	Reservation Action Code	ID 1/1
		A Reservation Accepted	
		D Reservation Canceled (Declined)	

N9 Reference Identification

Position: 030
Loop:
Level:
Usage: Optional
Max Use: 1

Notes: (Pro/Invoice)
 Send ONLY if Load Tender is accepted.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
N901	128	Reference Identification Qualifier	ID 2/3
		CN Carrier's Reference Number (PRO/Invoice)	
N902	127	Reference Identification	AN 1/30
		Carrier Pro/Invoice Number	

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Segment: **K1** Remarks
Position: 060
Loop:
Level:
Usage: Optional
Max Use: 10
Purpose: To transmit information in a free-form format for comment or special instruction
Syntax Notes:
Semantic Notes:
Comments: **Use for any 990 messages being declined to provide the code and reason for rejecting the tender.**

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	K101	61 Free-Form Message Reject Reason Code (See reason code list below)	M AN 1/30
	K102	61 Free-Form Message Reject Reason Description (See reason description list below)	O AN 1/30

Reason Code ID	Description
CPU	Capacity Not Available
T7	Insufficient Delivery Time
A96	Insufficient Pickup Time
A13	Other
A95	Past Cutoff Time
A43	Weather or Natural Disaster Related
WGT	Weight Restriction

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SE Transaction Set Trailer

Position: 070
Loop:
Level:
Usage: Mandatory
Max Use: 1

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
SE01	96	Number of Included Segments	N0 1/10
SE02	329	Transaction Set Control Number	AN 4/9

GE Functional Group Trailer

Position:
Loop:
Level:
Usage: Mandatory
Max Use: 1

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
GE01	97	Number of Transaction Sets Included	N0 1/6
GE02	28	Group Control Number	N0 1/9

IEA Interchange Control Trailer

Position:
Loop:
Level:
Usage: Mandatory
Max Use: 1

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
IEA01	I16	Number of Included Functional Groups	N0 1/5
IEA02	I12	Interchange Control Number	N0 9/9