



990 Response to a Load Tender

X12/V4010/990: 990 Response to a Load Tender

Version: 1.3

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Publication:	Version-1.4 (updated 09/10/2007)
Trading Partner:	Truck Load Carriers
Notes:	Response to Load Tender

990

Response to a Load Tender

Functional Group=GF

This Draft Standard for Trial Use contains the format and establishes the data contents of the Response to a Load Tender Transaction Set (990) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide general information relative to a specific shipment. The Response to a Load Tender is used as the response to a Motor Carrier Shipment Information Transaction Set (204) which has been used as a load tender.

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	B1	Beginning Segment for Booking or Pick-up/Delivery	M	1			Must use
030	N9	Reference Identification	O	1			Used
060	K1	Remarks	O	10			Used
070	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	Authorization Information Qualifier Description: Code to identify the type of information in the Authorization Information	M	ID	2/2	Must use
		Code Name				
		00 No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	Authorization Information Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	Security Information Qualifier Description: Code to identify the type of information in the Security Information	M	ID	2/2	Must use
		Code Name				
		00 No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	Security Information Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified User Note 1: SENDER ISA QUALIFIER	M	ID	2/2	Must use
ISA06	I06	Interchange Sender ID Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element User Note 1: SENDER ISA ID.	M	AN	15/15	Must use
ISA07	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified	M	ID	2/2	Must use
		Code Name				
		ZZ Mutually Defined				
ISA08	I07	Interchange Receiver ID Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them User Note 1: FDS EDI ISA ID. TEST : FAMILYDOLLART PROD: FAMILYDOLLAR	M	AN	15/15	Must use

ISA09	I08	Interchange Date Description: Date of the interchange	M	DT	6/6	Must use
ISA10	I09	Interchange Time Description: Time of the interchange	M	TM	4/4	Must use
ISA11	I10	Interchange Control Standards Identifier Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer All valid standard codes are used.	M	ID	1/1	Must use
ISA12	I11	Interchange Control Version Number Description: Code specifying the version number of the interchange control segments Code Name 00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997	M	ID	5/5	Must use
ISA13	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	Acknowledgment Requested Description: Code sent by the sender to request an interchange acknowledgment (TA1) Code Name 0 No Acknowledgment Requested	M	ID	1/1	Must use
ISA15	I14	Usage Indicator Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information Code Name P Production Data T Test Data	M	ID	1/1	Must use
ISA16	I15	Component Element Separator Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS**Functional Group Header**

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code Description: Code identifying a group of application related transaction sets	M	ID	2/2	Must use
		Code Name GF Response to a Load Tender (990)				
GS02	142	Application Sender's Code Description: Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	Application Receiver's Code Description: Code identifying party receiving transmission; codes agreed to by trading partners User Note 1: FDS EDI GS ID. <i>TEST: FAMILYDOLLART</i> <i>PROD: FAMILYDOLLAR</i>	M	AN	2/15	Must use
GS04	373	Date Description: Date expressed as CCYYMMDD	M	DT	8/8	Must use
GS05	337	Time Description: 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)	M	TM	4/8	Must use
GS06	28	Group Control Number Description: Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	Responsible Agency Code Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480	M	ID	1/2	Must use
		Code Name X Accredited Standards Committee X12				
GS08	480	Version / Release / Industry Identifier Code Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed	M	AN	1/12	Must use
		Code Name 004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set	M	ID	3/3	Must use
		Code Name				
		990 Response To a Load Tender				
ST02	329	Transaction Set Control Number Description: 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	Must use

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

B1 Beginning Segment for Booking or Pick-up/Delivery

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
B101	140	Standard Carrier Alpha Code Description: Standard Carrier Alpha Code	O	ID	2/4	Used						
B102	145	Shipment Identification Number Description: Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters) FDS NOTES: <i>THIS IS THE FDS SHIPMENT ID GENERATED BY THE FDS TMS APPLICATION. THIS NUMBER IS PROVIDED TO THE CARRIER ON THE EDI 204'S</i>	M	AN	1/30	Must use						
B103	373	Date Description: Date expressed as CCYYMMDD	O	DT	8/8	Used						
B104	558	Reservation Action Code Description: Code identifying action on reservation or offering <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Reservation Accepted</td> </tr> <tr> <td>D</td> <td>Reservation Cancelled</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	A	Reservation Accepted	D	Reservation Cancelled	O	ID	1/1	Used
<u>Code</u>	<u>Name</u>											
A	Reservation Accepted											
D	Reservation Cancelled											

Semantics:

1. B101 is the Standard Carrier Alpha Code (SCAC) of the carrier sending the EDI transmission.
2. B103 is the booking date accepted by the carrier.

N9 Reference Identification

Pos: 030	Max: 2
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
N901	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification FDS NOTES: N9 (CO) IS REQUIRED ON THE 990 ALONG WITH THE FDS SID IN THE B1 SEGMENT. THIS NUMBER CAN BE FOUND ON THE 204 IN THE L11 SEGMENT WHERE THE LL1102 IS (CO). N9 (CN) IS OPTIONAL WHEN THE LOAD HAS BEEN ACCEPTED.	M	ID	2/3	Must use						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CO</td> <td>FDS ITRANSACTION NUMBER</td> </tr> <tr> <td>CN</td> <td>Carrier's Reference Number (PRO Number) needed for all Accepted loads</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CO	FDS ITRANSACTION NUMBER	CN	Carrier's Reference Number (PRO Number) needed for all Accepted loads				
<u>Code</u>	<u>Name</u>											
CO	FDS ITRANSACTION NUMBER											
CN	Carrier's Reference Number (PRO Number) needed for all Accepted loads											
N902	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/30	Used						

Syntax:

1. R0203 - At least one of N902, N903 is required
2. C0605 - If N906 is present, then all of N905 are required

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

FDS NOTE: In case you are not able to edit the N9 Loop and add the 2nd iteration for the PRO Number (CN), you can use the N9 segment in the S5 loop as follows:

**S5*1*CL~
N9*CN*GX1876681**

K1

Remarks

Pos: 060	Max: 10
Heading - Optional	
Loop: N/A	Elements: 1

Element Summary

	<u>Ref.</u>	<u>Data</u>			<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	Free-Form Message	
Must Use	K101	61			M AN 1/30
		PU	Pickup		
		CC	Capacity Constraints		
		CT	Capacity Type		
		DL	Delivery		
		EC	Equipment Constraints		
		ZZ	Any Other Decline reason Code		

FDS Note: The above codes should be transmitted in the K901 element, as FDS system is unable to accept any verbiage in this free form text field.

SE Transaction Set Trailer

Pos: 070	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	Transaction Set Control Number Description: 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	Must use

Comments:

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

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	Number of Transaction Sets Included Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	Group Control Number Description: Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA**Interchange Control Trailer**

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	I16	Number of Included Functional Groups Description: A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	N0	9/9	Must use

EDI X12- 4010 990 EXAMPLES**LOAD TENDER ACCEPTED****1. Example of the PRO Number present in the summary level N9**

ISA*00* *00* *02*ABCD *ZZ*FAMILYDOLLAR
 *040617*0836*U*00401*000000003*0*P*>~
 GS*GF*ABCD*FAMILYDOLLAR*20040617*0836*3*X*004010~
 ST*990*000000004~
B1*ABCD*299141*20040617*A~
N9*CO*1035647~
N9*CN*QA10353~
 SE*5*000000004~
 GE*1*3~
 IEA*1*000000003~

2. Example of the PRO Number present in the N9 of the S5 loop

ISA*00* *00* *02*ABCD *ZZ*FAMILYDOLLAR
 *040728*0734*U*00401*000001550*0*P*>~
 GS*GF*ABCD*FAMILYDOLLAR*20040728*0734*531*X*004010~
 ST*990*000000554~
B1*ABCD*364854*20040728*A~
N9*CO*1811566~
 S5*1*CL~
N9*CN*J694115~
 SE*5*000000554~
 GE*1*531~
 IEA*1*000001550~

* K1 Segment is not required for Accepted Loads

LOAD TENDER REJECTED

ISA*00* *00* *02*ABCD *ZZ*FAMILYDOLLAR
 *040524*1258*U*00401*000000001*0*P*>~
 GS*GF*ABCD*FAMILYDOLLAR*20040524*1258*1*X*004010~
 ST*990*000000001~
B1*ABCD*246220*20040524*D~
N9*CO*1035647~
K1*CS*T-CAPACITY CONSTRAINTS=SOLO~
 SE*5*000000001~
 GE*1*1~
 IEA*1*000000001~

Items in Bold are required.