

# **EDI X12 990**

## **Response to a Load Tender**

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# 990 Response to a Load Tender

## Functional Group=GF

**Purpose:** The purpose of this document is to provide information pertaining to the Standard EDI Integration that is offered by One Network Enterprises (ONE).

This Draft Standard 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 (**Truck Load**) is used as the response to a Motor Carrier Shipment Information Transaction Set (204) which has been used as a load tender.

The EDI 990 message will be sent from the Carrier to One Network and will be used to accept or reject the tender for the load (movement).

### EDI 990 Segments:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1		Must use
	GS	Functional Group Header	M	1		Must use
010	ST	Transaction Set Header	M	1		Used
020	B1	Beginning Segment for Booking or Pick-up/Delivery	M	1		Used
030	N9	Reference Identification	O	1		Recommended
070	SE	Transaction Set Trailer	M	1		Used
	GE	Functional Group Trailer	M	1		Must use
	IEA	Interchange Control Trailer	M	1		Must use

<b>ISA</b>	<b>Interchange Control Header</b>	<b>Mandatory</b>	<b>Max: 1</b>
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User Option (Usage): Must use

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

**Element Summary:**

Ref	Element Description	Req	Type	Min/Max	Usage				
ISA01	Authorization Information Qualifier	M	ID	2/2	Must use				
	Description: Code to identify the type of information in the Authorization Information All valid standard codes are used.								
ISA02	Authorization Information	M	AN	10/10	Must use				
	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)								
ISA03	Security Information Qualifier	M	ID	2/2	Must use				
	Description: Code to identify the type of information in the Security Information All valid standard codes are used.								
ISA04	Security Information	M	AN	10/10	Must use				
	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)								
ISA05	Interchange ID Qualifier	M	ID	2/2	Must use				
	Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified All valid standard codes are used.								
ISA06	Interchange Sender ID	M	AN	15/15	Must use				
	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								
ISA07	Interchange ID Qualifier	M	ID	2/2	Must use				
	Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified Code List Summary <table><tr><td>Code</td><td>Name</td></tr><tr><td>02</td><td>SCAC (Standard Carrier Alpha Code)</td></tr></table>					Code	Name	02	SCAC (Standard Carrier Alpha Code)
Code	Name								
02	SCAC (Standard Carrier Alpha Code)								
ISA08	Interchange Receiver ID	M	AN	15/15	Must use				
	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								
ISA09	Interchange Date	M	DT	6/6	Must use				
	Description: Date of the interchange								
ISA10	Interchange Time	M	TM	4/4	Must use				

	Description: Time of the interchange				
ISA11	Interchange Control Standards Identifier	M	ID	1/1	Must use
	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.				
ISA12	Interchange Control Version Number	M	ID	5/5	Must use
	Description: Code specifying the version number of the interchange control segments				
ISA13	Interchange Control Number	M	NO	9/9	Must use
	Description: A control number assigned by the interchange sender				
ISA14	Acknowledgment Requested	M	ID	1/1	Must use
	Description: Code sent by the sender to request an interchange acknowledgment (TA1) All valid standard codes are used.				
ISA15	Usage Indicator	M	ID	1/1	Optional
	Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information All valid standard codes are used.				
ISA16	Component Element Separator	M		1/1	Optional
	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				

Example:

ISA\*00\*      \*00\*      \*ZZ\*CARA      \*ZZ\*ELOGEX      \*040819\*1523\*U\*00401\*001001956\*0\*P\*>

GS	Functional Group Header	Mandatory	Max: 1
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User Option (Usage): Must use

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

**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:** 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.

**Element Summary:**

Ref	Element Description	Req	Type	Min/Max	Usage				
GS01	Functional Identifier Code	M	ID	2/2	Must use				
	Description: Code identifying a group of application related transaction sets <div>Code List Summary<table><tr><td>Code</td><td>Name</td></tr><tr><td>GF</td><td>Response to a Load Tender (990)</td></tr></table></div>					Code	Name	GF	Response to a Load Tender (990)
Code	Name								
GF	Response to a Load Tender (990)								
GS02	Application Sender's Code	M	AN	2/15	Must use				
	Description: Code identifying party sending transmission; codes agreed to by trading partners								
GS03	Application Receiver's Code	M	AN	2/15	Must use				
	Description: Code identifying party receiving transmission; codes agreed to by trading partners								
GS04	Date	M	DT	8/8	Must use				
	Description: Date expressed as CCYYMMDD								
GS05	Time	M	TM	4/8	Must use				
	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)								
GS06	Group Control Number	M	NO	1/9	Must use				
	Description: Assigned number originated and maintained by the sender								
GS07	Responsible Agency Code	M	ID	1/2	Must use				
	Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 All valid standard codes are used.								
GS08	Version / Release / Industry Identifier Code	M	AN	1/12	Must use				
	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								

Example:

GS\*GF\*CARA\*ELOGEX\*20180819\*1523\*001001960\*X\*004010

<b>ST</b>	<b>Transaction Set Header</b>	<b>Mandatory</b>	<b>Max: 1</b>
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User Option (Usage): Used

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

**Element Summary:**

Ref	Element Description	Req	Type	Min/Max	Usage
ST01	Transaction Set Identifier Code	M	ID	3/3	Used
	Description: Code uniquely identifying a Transaction Set				
	Code List Summary				
	Code	Name			
	990	Response to a Load Tender			
ST02	Transaction Set Control Number	M	AN	4/9	Used
	Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Example:

ST\*990\*001001966



<b>B1</b>	<b>Beginning Segment for Booking or Pick-up/Delivery</b>	<b>Mandatory</b>	<b>Max: 1</b>
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User Option (Usage): Must Use

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

**Element Summary:**

Ref	Element Description	Req	Type	Min/Max	Usage						
B101	Standard Carrier Alpha Code	O	ID	2/4	Used						
	Description: Standard Carrier Alpha Code Populated with Carrier SCAC Code										
B102	Shipment Identification Number	M	AN	1/30	Used						
	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										
B103	Date	O	DT	8/8	Optional						
B104	Reservation Action Code	O	ID	1/1	Used						
	Description: Code identifying action on reservation or offering										
	<table><tr><td>Code</td><td>Name</td></tr><tr><td>A</td><td>Accept</td></tr><tr><td>D</td><td>Reject</td></tr></table>					Code	Name	A	Accept	D	Reject
Code	Name										
A	Accept										
D	Reject										

Example:

B1\*CARA\*Movement001\*20180820\*D

<b>N9</b>	<b>Reference Identification</b>	<b>Optional</b>	<b>Max: 1</b>
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User Option (Usage): Recommended

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

**Element Summary:**

Ref	Element Description	Req	Type	Min/Max	Usage				
N901	Reference Identification Qualifier	M	ID	2/3	Used				
	Description: Code qualifying the Reference Identification Default to CN = Pro Number Code List Summary <table><tr><td>Code</td><td>Name</td></tr><tr><td>CN</td><td>Carrier's Reference Number (PRO/Invoice)</td></tr></table>					Code	Name	CN	Carrier's Reference Number (PRO/Invoice)
Code	Name								
CN	Carrier's Reference Number (PRO/Invoice)								
N902	Reference Identification	X	AN	1/30	Used				
	Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier								
N903	Free-form Description	X	AN	1/45	Used				
	Hub Company abbreviation								

Example:

N9\*CN\*12345\*CUSTA

<b>SE</b>	<b>Transaction Set Trailer</b>	<b>Mandatory</b>	<b>Max: 1</b>
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User Option (Usage): Used

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)

**Element Summary:**

Ref	Element Description	Req	Type	Min/Max	Usage
SE01	Number of Included Segments	M	N0	1/10	Used
	Count of segments included (does not include Header and Footer segments)				
SE02	Transaction Set Control Number	M	AN	4/9	Used
	Same as Transaction Set Control Number as in ST segment				

Example:

SE\*4\*001001966

<b>GE</b>	<b>Functional Group Trailer</b>	<b>Mandatory</b>	<b>Max: 1</b>
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User Option (Usage): Must Use

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

**Element Summary:**

Ref	Element Description	Req	Type	Min/Max	Usage
GE01	Number of Transaction Sets Included	M	N0	1/6	Must Use
	Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	Group Control Number	M	N0	1/9	Must Use
	Description: Assigned number originated and maintained by the sender. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.				

Example:

GE\*1\*001001960

<b>IEA</b>	<b>Interchange Control Trailer</b>	<b>Mandatory</b>	<b>Max: 1</b>
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User Option (Usage): Must Use

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

**Element Summary:**

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

Example:

IEA\*1\*001001956

**Sample EDI 990:**

ISA\*00\*        \*00\*        \*ZZ\*CARA        \*ZZ\*ELOGEX        \*040819\*1523\*U\*00401\*001001956\*0\*P\*>  
GS\*GF\*CARA\*ELOGEX\*20180819\*1523\*001001960\*X\*004010  
ST\*990\*001001966  
B1\*CARA\*Movement001\*20180820\*D  
N9\*CN\*12345\*CUSTA  
SE\*4\*001001966  
GE\*1\*001001960  
IEA\*1\*001001956

### Revision History

Revision	Date	Prepared By	Comments
1.0	April 2025	Integration Team	B1-03 added