

ANSI Compliant Transportation/Sales Invoice and Service Requester Level Charge/Allowance Invoice Working Document

Discussed at the following meetings:

11/21/2000 (based on Technical minutes from 9/21/99 and 10/25/99)

mapped to ASC X12 811; used version 4032 as a base X12 standard

GISB Transportation/Sales Invoice (3.4.1)

Position	Segment	Element	ANSI req des / max use	Literal contents or GISB data element name (and usage)	GISB segment/element note [or other comments]	ANSI data type	GISB Min/ Max *
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Heading:

0100	ST		M/1				
0200	BIG		M/1				
		BIG01 - 373	M	Invoice Date (M)		DT	8/8
		BIG02 - 76	M	Invoice Identifier (M)		AN	1/22
		BIG07 - 640	O	T7 - Transportation Invoice		ID	2/2
0400	CUR		O/1		For GISB, this segment is sender's option.		
		CUR01-98	M	PE - Payee		ID	2/3
		CUR02-100	M	Currency (SO) CAD, MXN, USD		ID	3/3
		CUR03-280	O	Exchange Rate (SO)		R	4/6 *
		CUR07-374	X	007 - Effective		ID	3/3
		CUR08-373	O	Effective Exchange Date (SO)		DT	8/8
0500	REF		O/>1	(1st occurrence)			
		REF01 - 128	M	PX - Previous Invoice Number		ID	2/3
		REF02 - 127	X	Previous Invoice Identifier (MA)		AN	1/30 *
0500	REF		O/>1	(2nd occurrence)			
		REF01 - 128	M	11 - Account Number		ID	2/3
		REF02 - 127	X	Account Number (SO)		AN	1/30 *
0600	PER		O/3				
		PER01 - 366	M	IC		ID	2/2
		PER02 - 93	O	Contact Person (Name) (MA)		AN	1/35 *
		PER03 - 365	X	TE		ID	2/2
		PER04 - 364	X	Contact Person (Phone) (MA)		AN	1/80 *
0800	DTM		O/10	(1st occurrence)	For GISB, this segment is mandatory.		

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		DTM01 - 374	M	AAG - Due Date		ID	3/3
		DTM05 - 1250	X	D8		ID	2/3
		DTM06 - 1251	X	Net Due Date (M)		AN	1/35
0800	DTM		O/10	(2nd occurrence)			
		DTM01 - 374	M	855 - Alternative Due Date		ID	3/3
		DTM05 - 1250	X	D8		ID	2/3
		DTM06 - 1251	X	Electronic Funds Transfer Due Date (SO)		AN	1/35
0800	DTM			(3rd occurrence)			
		DTM01 - 374	M	582 - Report Period		ID	3/3
		DTM05 - 1250	X	CM		ID	2/3
		DTM06 - 1251	X	Accounting Period (SO)		AN	1/35
		N1 loop	>1	(1st occurrence)			
1000	N1		O/1				
		N101 - 98	M	PE - Payee		ID	2/3
		N103 - 66	X	1		ID	1/2
		N104 - 67	X	Payee (M)		AN	2/17 *
1400	REF		O/12		For GISB, this segment is sender's option.		
		REF01 - 128	M	TJ - Federal Taxpayer's Identification Number	For GISB, this code value may only be sent in the Payee N1 loop (N101 = 'PE').	ID	2/3
		REF02 - 127	X	Tax Identification Code (SO)		AN	1/30 *
		N1 loop	>1	(2nd occurrence)			
1000	N1		O/1				
		N101 - 98	M	78 - Service Requester		ID	2/3
		N103 - 66	X	1		ID	1/2
		N104 - 67	X	Service Requester (MA)		AN	2/17 *
		N1 loop	>1	(3rd occurrence)			
1000	N1		O/1				
		N101 - 98	M	PR - Payer		ID	2/3
		N103 - 66	X	1		ID	1/2
		N104 - 67	X	Billable Party (Payer) (M)		AN	2/17 *

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		N1 loop	>1	(4th occurrence)			
1000	N1		O/1				
		N101 - 98	M	RI - Remit to Party		ID	2/3
		N103 - 66	X	1		ID	1/2
		N104 - 67	X	Remit to Party (C)		AN	2/17 *
1200	N3		O/2		For GISB, this segment is sender's option. It may only be sent in the Remit to Party N1 loop (N101 = 'RI').		
		N301 - 166	M	Remittance Address (SO)		AN	1/35 *
		N302 - 166	O	Remittance Address (SO)		AN	1/35 *
1300	N4		O/1		For GISB, this segment is sender's option. It may only be sent in the Remit to Party N1 loop (N101 = 'RI').		
		N401 - 19	O	Remittance Address (SO)		AN	2/30
		N402 - 156	X	Remittance Address (SO)		ID	2/2
		N403 - 116	O	Remittance Address (SO)		ID	3/9 *
		N404 - 26	X	Remittance Address (SO)		ID	2/3
1400	REF		O/12		For GISB, this segment is sender's option.		
		REF01 - 128	M	EM - Electronic Payment Reference Number	For GISB, this code value may only be sent in the Remit to Party N1 loop (N101 = 'RI').	ID	2/3
		REF02 - 127	X	Electronic Funds Transfer Address (SO)		AN	1/30 *
Detail							
		HL loop	>1				
0100	HL		M/1				
		HL01 - 628	M	sequential line item number	sequential line item number	AN	1/12

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Position	Segment	Element	ANSI req des / max use	Literal contents or GISB data element name (and usage)	GISB segment/element note [or other comments]	ANSI data type	GISB Min/ Max *
		HL03 - 735	M	IB - Contract		ID	1/2
		LX loop	>1				
0200	LX		O/1		For GISB, this segment is mandatory.		
		LX01 - 554	M			N0	1/6
0500	REF		O/>1				
		REF01 - 128	M	KSR - Service Requester Contract Identifier		ID	2/3
		REF02 - 127	X	Service Requester Contract (M)		AN	1/30 *
0700	DTM		O/8		For GISB, this segment is mandatory.		
		DTM01 - 374	M	007 - Effective		ID	3/3
		DTM05 - 1250	X	DDT DTD RD8 RDT		ID	2/3
		DTM06 - 1251	X	Beginning Transaction Date (M), Beginning Transaction Time (M), Ending Transaction Date (M), Ending Transaction Time (M)		AN	1/35
Sub-detail							
		HL loop	>1				
(0100) 7600?	HL		M/1				
		HL01 - 628	M	sequential line item number		AN	1/12
		HL02 - 734	O	sequential line item number	This element contains the sequential line item number (HL01) of the Contract level loop (HL03 = 'IB') to which this detail loop is subordinate.	AN	1/12
		HL03 - 735	M	9 - Line Detail		ID	1/2
		IT1 loop	999999				

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Position	Segment	Element	ANSI req des / max use	Literal contents or GISB data element name (and usage)	GISB segment/element note [or other comments]	ANSI data type	GISB Min/ Max *
(2100)	IT1		O/1		For GISB, this segment is mandatory		
		IT101 - 350	O	Line Number (M)		AN	1/6 *
		IT102 - 358	X	Quantity (C)		R	1/10 *
		IT103 - 355	X	unit or basis for measurement code BZ, G8, GV, UL		ID	2/2
		IT104 - 212	X	Unit Price (C)		R	1/14 *
(2600)	REF		O/>1	(1st occurrence)			
		REF01 - 128	M	PKG - Package ID		ID	2/3
		REF02 - 127	X	Package ID (MA)		AN	1/30
(2600)	REF		O/>1	(2nd occurrence)			
		REF01 - 128	M	RE - Release Number		ID	2/3
		REF02 - 127	X	Replacement Release Code (MA)		AN	1/30
(2600)	REF		O/>1	(3rd occurrence)			
		REF01 - 128	M	KAS - Associated Contract Identifier		ID	2/3
		REF02 - 127	X	Associated Contract (C)		AN	1/30
(2600)	REF		O/>1	(4th occurrence)			
		REF01 - 128	M	DT - Downstream Shipper Contract Number		ID	2/3
		REF02 - 127	X	Downstream Contract Identifier (MA)		AN	1/30
(2600)	REF		O/>1	(5th occurrence)			
		REF01 - 128	M	UP - Upstream Shipper Contract Number		ID	2/3
		REF02 - 127	X	Upstream Contract Identifier (MA)		AN	1/30

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Position	Segment	Element	ANSI req des / max use	Literal contents or GISB data element name (and usage)	GISB segment/element note [or other comments]	ANSI data type	GISB Min/ Max *
(2830)	LQ		O/>1	(1st occurrence)	For GISB, this segment is mandatory.		
		LQ01 - 1270	O	SVC - Service Code		ID	1/3
		LQ02 - 1271	X	Service Code (M)		AN	1/30
(2830)	LQ		O/>1	(2nd occurrence)			
		LQ01 - 1270	O	LOC - Location Indicator		ID	1/3
		LQ02 - 1271	X	Location Indicator (M)		AN	1/30
(2830)	LQ		O/>1	(3rd occurrence)			
		LQ01 - 1270	O	CHG - Charge Indicator		ID	1/3
		LQ02 - 1271	X	Charge Indicator (M)		AN	1/30
(2830)	LQ		O/>1	(4th occurrence)			
		LQ01 - 1270	O	TT - Transaction Type		ID	1/3
		LQ02 - 1271	X	Transaction Type (M)		AN	1/30
(2830)	LQ		O/>1	(5th occurrence)			
		LQ01 - 1270	O	PT - Price Tier		ID	1/3
		LQ02 - 1271	X	Price Tier (SO)		AN	1/30
(2830)	LQ		O/>1	(6th occurrence)			
		LQ01 - 1270	O	ADJ - Accounting Adjustment Method		ID	1/3
		LQ02 - 1271	X	Accounting Adjustment Method (MA)		AN	1/30
(2830)	LQ		O/>1	(7th occurrence)			
		LQ01 - 1270	O	CQ - Capacity Type Indicator		ID	1/3
		LQ02 - 1271	X	Capacity Type Indicator (MA)		AN	1/30
(2830)	LQ		O/>1	(8th occurrence)			
		LQ01 - 1270	O	XD - Export Declaration		ID	1/3
		LQ02 - 1271	X	Export Declaration (MA)		AN	1/30

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Position	Segment	Element	ANSI req des / max use	Literal contents or GISB data element name (and usage)	GISB segment/element note [or other comments]	ANSI data type	GISB Min/ Max *
(2840)	LCD		O/>1	(1st occurrence)			
		LCD02 - 98	O	M2 - Receipt Location		ID	2/3
		LCD05 - 66	X	DR - GISB DRN SV - Service Provider Number		ID	1/2
		LCD06 - 67	X	Receipt Location (C)		AN	2/17 *
(2840)	LCD		O/>1	(2nd occurrence)			
		LCD02 - 98	O	MQ - Delivery Location		ID	2/3
		LCD05 - 66	X	DR - GISB DRN SV - Service Provider Number		ID	1/2
		LCD06 - 67	X	Delivery Location (C)		AN	2/17 *
(2840)	LCD		O/>1	(3rd occurrence)			
		LCD02 - 98	O	RZ - Receipt Zone		ID	2/3
		LCD05 - 66	X	ZN - Zone		ID	1/2
		LCD06 - 67	X	Receipt Zone (C)		AN	2/17 *
(2840)	LCD		O/>1	(4th occurrence)			
		LCD02 - 98	O	DZ - Delivery Zone		ID	2/3
		LCD05 - 66	X	ZN - Zone		ID	1/2
		LCD06 - 67	X	Delivery Zone (C)		AN	2/17 *
		AMT loop	>1				
(2850)	AMT		O/1		For GISB, there should be only one occurrence of the AMT loop for each Line Number (IT101).		
		AMT01 - 522	M	1 - Line Item Total		ID	1/3
		AMT02 - 782	M	Amount Due (M)		R	1/10 *
		ITA loop	>1				

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(3100)	ITA		O/1		For GISB, the ITA loop may be sent multiple times for each Line Number (IT101) to communicate multiple Charge Types and Charge Type Rates.		
		ITA01 - 248	M	C - Charge		ID	1/1
		ITA04 - 331	M	06 - Charge to be paid by customer		ID	2/2
		ITA05 - 341	O	Charge Type (MA)		AN	1/16
		ITA06 - 359	O	Charge Type Rate (C)		R	1/15
		NM1 loop	>1	(1st occurrence)			
(3400)	NM1		O/1				
		NM101 - 98	M	US - Upstream		ID	2/3
		NM102 - 1065	M	3 - Unknown		ID	1/1
		NM108 - 66	X	1		ID	1/2
		NM109 - 67	X	Upstream Identifier Code (MA)		AN	2/17 *
		NM1 loop	>1	(2nd occurrence)			
(3400)	NM1		O/1				
		NM101 - 98	M	DW - Downstream		ID	2/3
		NM102 - 1065	M	3 - Unknown		ID	1/1
		NM108 - 66	X	1		ID	1/2
		NM109 - 67	X	Downstream Identifier Code (MA)		AN	2/17 *
		NM1 loop	>1	(3rd occurrence)			
(3400)	NM1		O/1				
		NM101 - 98	M	IAV - Other Related Party		ID	2/3
		NM102 - 1065	M	3 - Unknown		ID	1/1
		NM108 - 66	X	1		ID	1/2
		NM109 - 67	X	Replacement Party Identifier (C)		AN	2/17 *
Detail							

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Position	Segment	Element	ANSI req des / max use	Literal contents or GISB data element name (and usage)	GISB segment/element note [or other comments]	ANSI data type	GISB Min/ Max *
		HL loop	>1				
(0100)	HL		M/1				
		HL01 - 628	M	sequential line item number		AN	1/12
		HL03 - 735	M	CH - Contractholder		ID	1/2
		IT1 loop	999999				
(2100)	IT1		O/1				
		IT101 - 350	O	Line Number (M) (1st occurrence)		AN	1/20
(2830)	LQ						
		LQ01 - 1270	O	ADJ - Accounting Adjustment Method		ID	1/3
		LQ02 - 1271	X	Service Requester Level Accounting Adjustment Method (SO)		AN	1/30
(2700)	DTM		O/10				
		DTM01 - 374	M	007 - Effective		ID	3/3
		DTM05 - 1250	X	CM D8 RD5 RD8		ID	2/3
		DTM06 - 1251	X	Charge/Allowance Period (C)		AN	1/35
		AMT loop	>1				
(2850)	AMT		O/1				
		AMT01 - 522	M	Service Requester Level Charge/Allowance Amount Descriptor (C) I, BAR, LS, 93		ID	1/3
		AMT02 - 782	M	Service Requester Level Charge/Allowance Amount (SO)		R	1/10 *
Summary							

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0100	TDS		M/1				
		TDS01 - 361	M	Invoice Total Amount (M)		N2	1/10 *
SE	SE		M/1				

* GISB Min/Max column will contain an * when the GISB values are different than the ANSI ASC X12 values