

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	0100	ST	Transaction Set Header	M	1		
M	0200	BIG	Beginning Segment for Invoice	M	1		
	0400	CUR	Currency	O	1		
	0500	REF	Reference Identification	O	>1		
	0600	PER	Administrative Communications Contact	O	3		
Must Use	0800	DTM	Date/Time Reference	O	10		
						LOOP ID - N1	>1
Must Use	1000	N1	Name	O	1		
	1200	N3	Address Information	O	2		
	1300	N4	Geographic Location	O	1		
	1400	REF	Reference Identification	O	12		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						LOOP ID - HL	>1
M	0100	HL	Hierarchical Level	M	1		
						LOOP ID - LX	>1
Must Use	0200	LX	Assigned Number	O	1		
Must Use	0500	REF	Reference Identification	O	>1		
Must Use	0700	DTM	Date/Time Reference	O	8		
						LOOP ID - HL	>1
Must Use	7600	HL	Hierarchical Level	O	1		
						LOOP ID - IT1	999999
Must Use	7700	IT1	Baseline Item Data (Invoice)	O	1		
	7800	REF	Reference Identification	O	1		
Must Use	7900	LQ	Industry Code	O	1		
	8000	LCD	Place/Location Description	O	1		
						LOOP ID - AMT	>1
Must Use	8100	AMT	Monetary Amount	O	1		
						LOOP ID - ITA	>1
	8200	ITA	Allowance, Charge or Service	O	1		
						LOOP ID - NM1	>1
	8300	NM1	Individual or Organizational Name	O	1		
						LOOP ID - HL	>1
	8400	HL	Hierarchical Level	O	1		
						LOOP ID - IT1	999999
	8500	IT1	Baseline Item Data (Invoice)	O	1		
	8600	DTM	Date/Time Reference	O	10		
	8700	LQ	Industry Code	O	>1		
						LOOP ID - AMT	>1
	8800	AMT	Monetary Amount	O	1		

Summary:

	<u>Pos.</u>	<u>Seg.</u>	<u>Req.</u>	<u>Loop</u>	<u>Notes and</u>
G811TSIN Draft			1		01/12/2001

Draft Transportation/Sales Invoice

	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Max.Use</u>	<u>Repeat</u>	<u>Comments</u>
M	0100	TDS	Total Monetary Value Summary	M	1		
M	1200	SE	Transaction Set Trailer	M	1		

DRAFT DRAFT DRAFT DRAFT

Position: 0100
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ST01	143	Transaction Set Identifier Code 811 Consolidated Service Invoice/Statement	M ID 3/3
M	ST02	329	Transaction Set Control Number	M AN 4/9

Draft Transportation/Sales Invoice

Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	BIG01	373	Date <i>Invoice Date</i>	M DT 8/8
M	BIG02	76	Invoice Number <i>Invoice Identifier</i>	M AN 1/22
Must Use	BIG07	640	Transaction Type Code T7 Transportation Invoice T8 Sales Invoice	O ID 2/2

Position: 0400
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Notes: *For GISB, this segment is sender's option.*

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	CUR01	98	Entity Identifier Code PE Payee	M ID 2/3
M	CUR02	100	Currency Code Currency CAD Canadian Dollars MXN Mexican New Peso USD US Dollars	M ID 3/3
	CUR03	280	Exchange Rate Exchange Rate	O R 4/6
<i>The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.</i>				
	CUR07	374	Date/Time Qualifier 007 Effective	X ID 3/3
	CUR08	373	Date Effective Exchange Date	O DT 8/8

Position: 0500
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Notes: *For GISB, this segment is sender's option.*

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier <i>Refer to "REF Segments (Heading)" table for usage and values.</i>	M ID 2/3
Must Use	REF02	127	Reference Identification <i>Refer to "REF Segments (Heading)" table for usage and values.</i>	X AN 1/30

Account Number, Previous Invoice Identifier

The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.

Position: 0600
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Notes: For GISB, this segment is mutually agreed.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PER01	366	Contact Function Code IC Information Contact	M ID 2/2
Must Use	PER02	93	Name Contact Person (Name)	O AN 1/35
<i>The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.</i>				
Must Use	PER03	365	Communication Number Qualifier TE Telephone	X ID 2/2
Must Use	PER04	364	Communication Number Contact Person (Phone)	X AN 1/80
<i>The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.</i>				

Position: 0800
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 10
Notes: For GISB, this segment is mandatory.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier <i>Refer to "DTM Segments (Heading)" table for usage and values.</i>	M ID 3/3
Must Use	DTM05	1250	Date Time Period Format Qualifier <i>Refer to "DTM Segments (Heading)" table for usage and values.</i> CM Date in Format CCYYMM D8 Date Expressed in Format CCYYMMDD	X ID 2/3
Must Use	DTM06	1251	Date Time Period <i>Refer to "DTM Segments (Heading)" table for usage and values.</i> <i>Net Due Date, Accounting Period, Electronic Funds Transfer Due Date</i>	X AN 1/35

Position: 1000
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Notes: *For GISB, this segment is mandatory.*

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code <i>Refer to "N1 Segments (Heading)" table for usage and values.</i>	M ID 2/3
Must Use	N103	66	Identification Code Qualifier <i>Refer to "N1 Segments (Heading)" table for usage and values.</i>	X ID 1/2
Must Use	N104	67	Identification Code <i>Refer to "N1 Segments (Heading)" table for usage and values.</i>	X AN 2/17

Billable Party (Payer), Payee, Remit to Party, Service Requester

The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.

Position: 1200
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 2
Notes: For GISB, this segment is sender's option. It may only be sent in the Remit to Party N1 loop (N101 = 'RI').

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M N301	166	Address Information Remittance Address	M AN 1/35
<i>The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.</i>			
N302	166	Address Information Remittance Address	O AN 1/35
<i>The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.</i>			

Position: 1300
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 1
Notes: For GISB, this segment is sender's option. It may only be sent in the Remit to Party N1 loop (N101 = 'RI').

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Remittance Address	O AN 2/30
N402	156	State or Province Code Remittance Address	X ID 2/2
N403	116	Postal Code Remittance Address	O ID 3/9
<p><i>The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.</i></p>			
N404	26	Country Code Remittance Address	X ID 2/3

Position: 1400
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 12
Notes: For GISB, this segment is sender's option.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Refer to "REF Segments (Heading - N1 loop)" table for usage and values.	M ID 2/3
Must Use	REF02	127	Reference Identification Refer to "REF Segments (Heading - N1 loop)" table for usage and values.	X AN 1/30

Electronic Funds Transfer Address, Tax Identification Code

The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.

Position: 0100
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	HL01	628	Hierarchical ID Number <i>sequential line item number</i>	M AN 1/12
M	HL03	735	Hierarchical Level Code IB Contract	M ID 1/2

Position: 0200
Loop: LX Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For GISB, this segment is mandatory.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	<u>Des.</u> LX01	<u>Element</u> 554	Assigned Number	M N0 1/6

Position: 0500
Loop: LX Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: >1
Notes: For GISB, this segment is mandatory.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier KSR Service Requester Contract Identifier	M ID 2/3
Must Use	REF02	127	Reference Identification Service Requester Contract	X AN 1/30

The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.

Position: 0700
Loop: LX Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 8
Notes: For GISB, this segment is mandatory.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier 007 Effective	M ID 3/3
Must Use	DTM05	1250	Date Time Period Format Qualifier DDT Range of Dates and Time, Expressed in CCYYMMDD-CCYYMMDDHHMM DTD Range of Dates and Time, Expressed in CCYYMMDDHHMM-CCYYMMDD RD8 Range of Dates Expressed in Format CCYYMMDD-CCYYMMDD RDT Range of Date and Time, Expressed in Format CCYYMMDDHHMM-CCYYMMDDHHMM	X ID 2/3
Must Use	DTM06	1251	Date Time Period <i>Beginning Transaction Date, Beginning Transaction Time, Ending Transaction Date, Ending Transaction Time</i>	X AN 1/35

Position: 7600
Loop: HL Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: For GISB, this segment is mandatory. This HL loop is subordinate to the Contract loop (HL03 = 'IB') and is not related to the Service Requester Level loop (HL03 = 'CH').

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	HL01	628	Hierarchical ID Number <i>sequential line item number</i>	M AN 1/12
Must Use	HL02	734	Hierarchical Parent ID Number <i>This element contains the sequential line item number (HL01) of the Contract level loop (HL03 = 'IB') to which this detail loop is subordinate.</i>	O AN 1/12
M	HL03	735	Hierarchical Level Code 9 Line Detail	M ID 1/2

Position: 7700
Loop: IT1 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: For GISB, this segment is mandatory.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	IT101	350	Assigned Identification Line Number	O AN 1/6
			<i>The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.</i>	
	IT102	358	Quantity Invoiced Quantity	X R 1/10
			<i>For GISB, this element is conditional.</i>	
			<i>The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.</i>	
	IT103	355	Unit or Basis for Measurement Code BZ Million BTU's G8 Gigacalories GV Gigajoules UL Unitless	X ID 2/2
	IT104	212	Unit Price Unit Price	X R 1/14
			<i>For GISB, this element is conditional.</i>	
			<i>The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.</i>	

Position: 7800
Loop: IT1 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Notes: For GISB, this segment is conditional.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Refer to "REF Segments (Sub-detail - HL03 = '9')" table for usage and values.	M ID 2/3
Must Use	REF02	127	Reference Identification Refer to "REF Segments (Sub-detail - HL03 = '9')" table for usage and values.	X AN 1/30

Associated Contract, Downstream Contract Identifier, Package ID, Replacement Release Code, Upstream Contract Identifier

The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.

Position: 7900
Loop: IT1 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: For GISB, this segment is mandatory.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LQ01	1270	Code List Qualifier Code <i>Refer to "LQ Segments (Sub-detail - HL03 = '9')" table for usage and values.</i>	O ID 1/3
Must Use	LQ02	1271	Industry Code <i>Refer to "LQ Segments (Sub-detail - HL03 = '9')" table for usage and values.</i>	X AN 1/30

Charge Indicator, Location Indicator, Service Code, Transaction Type, Price Tier, Accounting Adjustment Method, Capacity Type Indicator, Export Declaration

Position: 8000
Loop: IT1 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Notes: *For GISB, this segment is conditional.*

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LCD02	98	Entity Identifier Code <i>Refer to "LCD Segments (Sub-detail - HL03 = '9')" table for usage and values.</i>	O ID 2/3
Must Use	LCD05	66	Identification Code Qualifier <i>Refer to "LCD Segments (Sub-detail - HL03 = '9')" table for usage and values.</i>	X ID 1/2
Must Use	LCD06	67	Identification Code <i>Refer to "LCD Segments (Sub-detail - HL03 = '9')" table for usage and values.</i>	X AN 2/17

Delivery Location, Delivery Zone, Receipt Location, Receipt Zone

The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.

Position: 8100
Loop: AMT Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For GISB, this segment is mandatory. There should be only one occurrence of the AMT loop for each Line Number (IT101).*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	AMT01	522	Amount Qualifier Code 1 Line Item Total	M ID 1/3
M	AMT02	782	Monetary Amount Amount Due	M R 1/10

The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.

Position: 8200
Loop: ITA Optional
Level: Detail
Usage: Optional
Max Use: 1
Notes:

For GISB, this segment is mutually agreed. The ITA loop may be sent multiple times for each Line Number (IT101) to communicate multiple Charge Type and Charge Type Rate pairs.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ITA01	248	Allowance or Charge Indicator C Charge	M ID 1/1
M	ITA04	331	Allowance or Charge Method of Handling Code 06 Charge to be Paid by Customer	M ID 2/2
Must Use	ITA05	341	Allowance or Charge Number <i>Refer to "ITA Segments (Sub-detail - HL03 = '9')" table for usage and values.</i>	O AN 1/16
Must Use	ITA06	359	<i>Charge Type</i> Allowance or Charge Rate <i>Charge Type Rate</i> <i>For GISB, this element is conditional.</i>	O R 1/15

Position: 8300
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Notes: For GISB, this segment is conditional.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	NM101	98	Entity Identifier Code <i>Refer to "NM1 Segments (Sub-detail - HL03 = '9')" table for usage and values.</i>	M ID 2/3
M	NM102	1065	Entity Type Qualifier 3 Unknown	M ID 1/1
Must Use	NM108	66	Identification Code Qualifier <i>Refer to "NM1 Segments (Sub-detail - HL03 = '9')" table for usage and values.</i>	X ID 1/2
Must Use	NM109	67	Identification Code <i>Refer to "NM1 Segments (Sub-detail - HL03 = '9')" table for usage and values.</i>	X AN 2/17

Replacement Party Identifier, Downstream Identifier Code, Upstream Identifier Code

The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.

Position: 8400
Loop: HL Optional
Level: Detail
Usage: Optional
Max Use: 1
Notes: *For GISB, this segment is sender's option.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	HL01	628	Hierarchical ID Number <i>sequential line item number</i>	M AN 1/12
M	HL03	735	Hierarchical Level Code CH Contractholder <i>Service Requester Level</i>	M ID 1/2

Position: 8500
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Notes: For GISB, this segment is required when the Service Requester Level loop (HL03 = 'CH') is sent.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	IT101	350	Assigned Identification Line Number	O AN 1/6

This Line Number should sequentially follow the Line Number in the sub-detail (HL03 = '9').

The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.

Position: 8600
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 10
Notes: *For GISB, this segment is conditional.*

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier 007 Effective	M ID 3/3
Must Use	DTM05	1250	Date Time Period Format Qualifier CM Date in Format CCYYMM D8 Date Expressed in Format CCYYMMDD RD5 Range of Years and Months Expressed in Format CCYYMM-CCYYMM RD8 Range of Dates Expressed in Format CCYYMMDD-CCYYMMDD	X ID 2/3
Must Use	DTM06	1251	Date Time Period <i>Charge/Allowance Period</i>	X AN 1/35

Position: 8700
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: >1
Notes: For GISB, this segment is sender's option.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	LQ01	1270	Code List Qualifier Code ADJ Accounting Adjustment Method	O ID 1/3
Must Use	LQ02	1271	Industry Code Service Requester Level Accounting Adjustment Method NET Net RES Restatement REV Reversal	X AN 1/30

Position: 8800
Loop: AMT Optional
Level: Detail
Usage: Optional
Max Use: 1
Notes: For GISB, this segment is sender's option.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	AMT01	522	Amount Qualifier Code Service Requester Level Charge/Allowance Amount Descriptor	M ID 1/3
			<i>For GISB, this element is conditional.</i>	
			93 Contribution Voluntary GRI	
			BAR Amount to be Refunded Gas Research Institute Refunds	
			I Interest Interest Charges	
			LS Net Settlement Imbalance Charges	
M	AMT02	782	Monetary Amount Service Requester Level Charge/Allowance Amount	M R 1/10

The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.

Position: 0100
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	Des. TDS01	Element 610	Amount Invoice Total Amount	M N2 1/10

The data element maximum length indicated is reduced from that which is specified in the ASC A12 standards.

Position: 1200
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1

Data Element Summary

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