RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Requester: Texaco   Request No.: R97064 - E

1. Recommended Action: **Effect of EC Vote to Accept Recommended Action:**

    ___Accept as requested   _X_Change to Existing Practice
    _X_Accept as modified below   ___Status Quo
    ___Decline

2. TYPE OF MAINTENANCE

Per Request: **Per Recommendation:**

___Initiation   ___Initiation
_X_Modification   _X_Modification
___Interpretation   ___Interpretation
___Withdrawal   ___Withdrawal

___Principle (x.1.z)   ___Principle (x.1.z)
___Definition (x.2.z)   ___Definition (x.2.z)
___Business Practice Standard (x.3.z)   ___Business Practice Standard (x.3.z)
___Document (x.4.z)   ___Document (x.4.z)
___Data Element (x.4.z)   ___Data Element (x.4.z)
___Code Value (x.4.z)   ___Code Value (x.4.z)
_X_X12 Implementation Guide   _X_X12 Implementation Guide
___Business Process Documentation   _X_Business Process Documentation

3. RECOMMENDATION

TECHNICAL CHANGE LOG (all instructions to accomplish the recommendation)

Document Name and No.: Transportation/Sales Invoice (3.4.1)
                                    Service Requester Level Charge/Allowance Invoice (3.4.4)

Description of Change:
G811TSIN – Transportation/Sales Invoice (3.4.1) - change X12 version to 004040 in all footers
Data Element Xref to X12
Re-map TSIN as ANSI Compliant: See new Data Element Xref to X12 *
Sample X12
Re-map TSIN as ANSI Compliant: See new Sample X12 Transaction *
X12 Mapping
Re-map TSIN as ANSI Compliant: See new X12 Mapping *
Transaction Set Tables
Re-map TSIN as ANSI Compliant: See new Transaction Set Tables *
G811SRCA – Service Requester Charge/Allowance Invoice (3.4.4) - change X12 version to 004040 in all footers
Data Element Xref to X12

Re-map SRCA as ANSI Compliant: See new Data Element Xref to X12 *
Sample X12
Re-map SRCA as ANSI Compliant: See new Sample X12 Transaction *
X12 Mapping
Re-map SRCA as ANSI Compliant: See new X12 Mapping *
Transaction Set Tables
Re-map SRCA as ANSI Compliant: See new Transaction Set Tables *

*Includes modifications from R98047, R99046, R99049, R99050, R99051 which have been approved by the GISB Executive Committee.

4. SUPPORTING DOCUMENTATION

a. Description of Request:

See original request to update GISB Implementation Guides to be ANSI compliant.

b. Description of Recommendation:

Technical Subcommittee

ANSI Compliant 811 Transportation/Sales Invoice transaction set developed at the following meetings: 09/21/1999, 10/25/1999, 11/21/2000, 11/29/2000, 01/12/2001, 01/16/2001

Sense of the Room: January 16, 2001   3 In Favor   0 Opposed
Segment Check (if applicable):
In Favor :   __End-Users __LDCs   __Pipelines __Producers __Services
Opposed   :   __End-Users __LDCs __Pipelines __Producers __Services

ANSI Compliant 811 Service Requester Level Charge/Allowance Invoice transaction set developed at the following meetings: 01/12/2001, 01/16/2001

Sense of the Room: January 16, 2001   3 In Favor   0 Opposed
Segment Check (if applicable):
In Favor :   __End-Users __LDCs   __Pipelines __Producers __Services
Opposed   :   __End-Users __LDCs __Pipelines __Producers __Services

c. Business Purpose:

To create ANSI Compliant Transportation/Sales Invoice and Service Requester Level Charge/Allowance Invoice Transaction Sets.

d. Commentary/Rationale of Subcommittee(s)/Task Force(s):

DATA ELEMENT CROSS REFERENCE TO ASC X12

Usage Codes: M - Mandatory, C - Conditional, SO - Sender's Option, BC - Business Conditional, MA - Mutually Agreeable, nu - not used

Heading:

Segment	Usage	Segment Name/GISB Data Element Name
ST	M	Transaction Set Header
BIG	M	Invoice Date
	M	Invoice Identifier
CUR	SO	Currency
	SO	Exchange Rate
	SO	Effective Exchange Date
REF	SO	Account Number
REF	MA	Previous Invoice Identifier
PER	MA	Contact Person
DTM	M	Net Due Date
DTM	SO	Accounting Period
DTM	SO	Electronic Funds Transfer Due Date
N1	M	Billable Party (Payer)
N1	M	Payee
REF	SO	Tax Identification Code
N1	C	Remit to Party
N3	SO	Remittance Address
N4	SO	Remittance Address
REF	SO	Electronic Funds Transfer Address
N1	MA	Service Requester

Detail:

Segment	Usage	Segment Name/GISB Data Element Name
HL	M	Hierarchical Level segment (Contract)
LX	M	Assigned Number segment
REF	M	Service Requester Contract
DTM	M	Beginning Transaction Date
	M	Beginning Transaction Time
	M	Ending Transaction Date
	M	Ending Transaction Time

Sub-detail:

Segment	Usage	Segment Name/GISB Data Element Name
HL	M	Hierarchical Level segment (Line Detail)
IT1	M	Line Number
	C	Quantity
	C	Unit Price
REF	C	Associated Contract
REF	MA	Downstream Contract Identifier
REF	MA	Package ID
REF	MA	Replacement Release Code
REF	MA	Upstream Contract Identifier
LQ	M	Charge Indicator
LQ	M	Location Indicator
LQ	M	Service Code
LQ	M	Transaction Type
LQ	SO	Price Tier
LQ	MA	Accounting Adjustment Method
LQ	MA	Capacity Type Indicator
LQ	MA	Export Declaration
LCD	C	Delivery Location
LCD	C	Delivery Zone
LCD	C	Receipt Location
LCD	C	Receipt Zone
AMT	M	Amount Due
ITA	MA	Charge Type
	C	Charge Type Rate
NM1	C	Replacement Party Identifier
NM1	MA	Downstream Identifier Code
NM1	MA	Upstream Identifier Code

Detail:

Segment	Usage	Segment Name/GISB Data Element Name
HL	SO	Hierarchical Level segment (Service Requester Level)
IT1	C	Line Number
DTM	C	Charge/Allowance Period
LQ	SO	Service Requester Level Accounting Adjustment Method
AMT	C	Service Requester Level Charge/Allowance Amount Descriptor
	SO	Service Requester Level Charge/Allowance Amount

Summary:

Segment	Usage	Segment Name/GISB Data Element Name
TDS	M	Invoice Total Amount
SE	M	Transaction Set Trailer

SAMPLE ASC X12 TRANSACTION

```
ST*811*123456789
BIG*19960313*501996*****T7
DTM*AAG****D8*19960323
N1*PE**1*808300594
N1*PR**1*508969989
HL*001**IB
LX*011
REF*KSR*1234
DTM*007****RD8*19960201-19960202
HL*101*001*9
IT1*001*150*BZ*.1234
LQ*CHG*R
LQ*LOC*PRXXXXXX
LQ*SVC*FT
LQ*TT*01
LCD**M2***DR*111111111
AMT*1*18.51
IT1*002*100*BZ*.1234
LQ*CHG*D
LQ*LOC*XXPDXXXX
LQ*SVC*FT
LQ*TT*01
LCD**MQ***DR*211111111
AMT*1*12.34
IT1*003*50*BZ*.1234
LQ*CHG*D
LQ*LOC*XXPDXXXX
LQ*SVC*FT
LQ*TT*01
LCD**MQ***DR*222222222
AMT*1*6.16
TDS*3701
SE*33*123456789
```

811 Consolidated Service Invoice/Statement

Functional Group ID=CI

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
Must Use	0100	ST	Transaction Set Header	M	1	
Must Use	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:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
			LOOP ID - HL			>1
Must Use	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:

	Pos.	Seg.		Req.	Loop

Draft Transportation/Sales Invoice

	No.	ID	Name		Des.	Max.Use	Repeat
Must Use	0100	TDS	Total Monetary Value Summary		M	1	
Must Use	1200	SE	Transaction Set Trailer		M	1	

Draft Transportation/Sales Invoice

Segment:	**ST** Transaction Set Header		
Position:	0100		
Loop:			
Level:	Heading		
Usage:	Mandatory		
Max Use:	1		

Data Element Summary

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

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Draft Transportation/Sales Invoice

	Segment:	**BIG** Beginning Segment for Invoice

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

Data Element Summary

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

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

Data Element Summary

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

Draft Transportation/Sales Invoice

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

Data Element Summary

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

Account Number, Previous Invoice Identifier

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

	Segment:	**PER** Administrative Communications Contact
	Position:	0600
	Loop:	
	Level:	Heading
	Usage:	Optional
	Max Use:	3
	Notes:	*For GISB, this segment is mutually agreed.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PER01	366	**Contact Function Code**	M	ID 2/2
			IC Information Contact		
Must Use	PER02	93	**Name**	O	AN 1/35
			Contact Person (Name)		

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

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PER03	365	**Communication Number Qualifier**	X	ID 2/2
			TE Telephone		
Must Use	PER04	364	**Communication Number**	X	AN 1/80
			Contact Person (Phone)		

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

	Segment:	**DTM** Date/Time Reference
	Position:	0800
	Loop:	
	Level:	Heading
	Usage:	Optional (Must Use)
	Max Use:	10
	Notes:	*For GISB, this segment is mandatory.*

Data Element Summary

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

Net Due Date, Accounting Period, Electronic Funds Transfer Due Date

Draft Transportation/Sales Invoice

	Segment:	**N1** Name
	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

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

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.

Segment:	**N3**	**Address Information**

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

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

Draft Transportation/Sales Invoice

	N4 Geographic Location
Segment:	

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').*

<p align="center">Data Element Summary</p>

Ref. Des.	Data Element	Name	Attributes	
N401	**19**	**City Name**	**O**	**AN 2/30**
		Remittance Address		
N402	**156**	**State or Province Code**	**X**	**ID 2/2**
		Remittance Address		
N403	**116**	**Postal Code**	**O**	**ID 3/9**
		Remittance Address		

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

N404	**26**	**Country Code**	**X**	**ID 2/3**
		Remittance Address		

	Segment:	**REF** Reference Identification

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

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

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.

Draft Transportation/Sales Invoice

	Segment:	$\textbf{HL}$ Hierarchical Level

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

Data Element Summary

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

		LX Assigned Number
Segment:		

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

	Ref. Des.	Data Element	Name	Attributes
Must Use	LX01	554	Assigned Number	M N0 1/6

	Segment:	**REF** Reference Identification

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

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Data Element Summary

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

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

Segment:	**DTM** Date/Time Reference		

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

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M ID 3/3
			007 Effective	
Must Use	DTM05	1250	**Date Time Period Format Qualifier**	X ID 2/3
			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	
Must Use	DTM06	1251	**Date Time Period**	X AN 1/35
			Beginning Transaction Date, Beginning Transaction Time, Ending Transaction Date, Ending Transaction Time	

			Segment:	**HL** Hierarchical Level		

	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

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

	Segment:	**IT1** Baseline Item Data (Invoice)

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

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

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

	IT102	358	Quantity Invoiced *Quantity*	X	R 1/10

For GISB, this element is conditional.

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

	IT103	355	Unit or Basis for Measurement Code	X	ID 2/2

	BZ	Million BTU's
	G8	Gigacalories
	GV	Gigajoules
	UL	Unitless

	IT104	212	Unit Price *Unit Price*	X	R 1/14

For GISB, this element is conditional.

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

	Segment:	**REF** Reference Identification

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

Data Element Summary

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

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.

Draft Transportation/Sales Invoice

Segment:	**LQ** Industry Code	
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

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

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

Draft Transportation/Sales Invoice

| | **Segment:** | **LCD** Place/Location Description |

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

Data Element Summary

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

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.

	Segment:	**AMT** Monetary Amount

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) in the IT1 segment (position 7700).*

Data Element Summary

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

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

	Segment:	**ITA** Allowance, Charge or Service
	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

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

	Segment:	**NM1** Individual or Organizational Name
	Position:	8300
	Loop:	NM1 Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Notes:	*For GISB, this segment is conditional.*

Data Element Summary

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

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.

	Segment:	**HL** Hierarchical Level

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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	HL01	628	**Hierarchical ID Number** *sequential line item number*	M AN 1/12
Must Use	HL03	735	**Hierarchical Level Code**	M ID 1/2
			CH Contractholder *Service Requester Level*	

Segment:	**IT1** Baseline Item Data (Invoice)	

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

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

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.

			DTM Date/Time Reference		
Segment:					

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

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Data Element Summary

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	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	**M**	**ID 3/3**
			007 Effective		
Must Use	DTM05	1250	**Date Time Period Format Qualifier**	**X**	**ID 2/3**
			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		
Must Use	DTM06	1251	**Date Time Period** *Charge/Allowance Period*	**X**	**AN 1/35**

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

Data Element Summary

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

	Segment:	**AMT** Monetary Amount

Position: 8800
Loop: AMT Optional
Level: Detail
Usage: Optional
Max Use: 1
Notes: *For GISB, this segment is sender's option. There should be only one occurrence of the AMT loop for each Line Number (IT101) in the IT1 segment (position 8500).*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/3

Service Requester Level Charge/Allowance Amount Descriptor

For GISB, this element is conditional.

93	Contribution	
	Voluntary GRI	
BAR	Amount to be Refunded	
	Gas Research Institute Refunds	
I	Interest	
	Interest Charges	
LS	Net Settlement	
	Imbalance Charges	

	Ref. Des.	Data Element	Name	Attributes
Must Use	AMT02	782	Monetary Amount	M R 1/10

Service Requester Level Charge/Allowance Amount

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

Draft Transportation/Sales Invoice

	Segment:	**TDS** Total Monetary Value Summary
	Position:	0100
	Loop:	
	Level:	Summary
	Usage:	Mandatory
	Max Use:	1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	TDS01	610	Amount	M N2 1/10
			Invoice Total Amount	

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

	Segment:	**SE** Transaction Set Trailer
	Position:	1200
	Loop:	
	Level:	Summary
	Usage:	Mandatory
	Max Use:	1

Data Element Summary

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

TRANSACTION SET TABLES

REF Segments (Heading)

Element Name (REF02)	Usage	REF01
Account Number	SO	11
Previous Invoice Identifier	MA	PX

DTM Segments (Heading)

Element Name (DTM06)	Usage	DTM01	DTM05
Net Due Date	M	AAG	D8
Accounting Period	SO	582	CM
Electronic Funds Transfer Due Date	SO	855	D8

N1 Segments (Heading)

Element Name (N104)	Usage	N101	N103
Billable Party (Payer)	M	PR	1
Payee	M	PE	1
Remit to Party	C	RI	1
Service Requester	MA	78	1

REF Segments (Heading - N1 loop)

Element Name (REF02)	Usage	REF01
Electronic Funds Transfer Address	SO1	EM
Tax Identification Code	SO2	TJ

Usage:

SO1   This code value may only be sent in the Remit to Party N1 loop (N101 = 'RI').

SO2   This code value may only be sent in the Payee N1 loop (N101 = 'PE').

REF Segments (Sub-detail - HL03 = '9')

Element Name (REF02)	Usage	REF01
Associated Contract	C	KAS
Downstream Contract Identifier	MA	DT
Package ID	MA	PKG
Replacement Release Code	MA	RE
Upstream Contract Identifier	MA	UP

LQ Segments (Sub-detail - HL03 = '9')

Element Name (LQ02)	Usage	LQ01	LQ02	LQ02 Description
Charge Indicator	M	CHG	R	Receipt
			D	Delivery
Location Indicator	M	LOC	PRXXXXXX	Receipt point only
			PRPDXXXX	Receipt point and delivery point
			PRPDZRXX	Receipt point, delivery point, and receipt zone
			PRPDXXZD	Receipt point, delivery point, and delivery zone
			PRPDZRZD	Receipt point, delivery point, receipt zone, and delivery zone
			PRXXZRXX	Receipt point and receipt zone
			PRXXXXZD	Receipt point and delivery zone
			PRXXZRZD	Receipt point, receipt zone, and delivery zone
			XXPDXXXX	Delivery point only
			XXPDZRXX	Delivery point and receipt zone
			XXPDXXZD	Delivery point and delivery zone
			XXPDZRZD	Delivery point, receipt zone, and delivery zone
			XXXXZRXX	Receipt zone only
			XXXXZRZD	Receipt zone and delivery zone
			XXXXXXZD	Delivery zone only
			XXXXXXXX	No point or zone information
Service Code	M	SVC	FT	Firm Transportation
			IT	Interruptible Transportation
			7C	7(C) Transportation
			FS	Firm Storage
			IS	Interruptible Storage
			7S	7(C) Storage
			PL	Pooling

Element Name (LQ02)	Usage	LQ01	LQ02	LQ02 Description
			AR	Advance Receipts
			AD	Advance Deliveries
			NN	No Notice Transportation
			SF	Small Customer Firm Transportation
			FL	Firm Sales
			IL	Interruptible Sales
			OB	Operational Balancing
			IB	Imbalance Settlement
			PK	Parking and Loaning
			SN	No Notice Service Small Customers
			TC	Transition Costs
			MB	Market Balancing Service
			PT	Plant Thermal Reduction
			FG	Firm Gathering
			IG	Interruptible Gathering
			OT	Other
Transaction Type	M	TT	01	Current Business (Default)
			02	Authorized Contract Overrun
			03	Imbalance Payback from Transportation Service Provider
			05	Plant Thermal Reduction
			06	Storage Injection
			07	Storage Withdrawal
			08	Pooling
			09	Imbalance Transfer
			10	Cashout
			11	Storage Inventory Transfer
			12	Authorized Injection Overrun
			13	Authorized Withdrawal Overrun
			14	Extended Receipt/Delivery Service
			16	No-Notice Balancing
			17	No-Notice Pre-Injection
			18	Suspense Gas Claim
			19	Delivery of Claimed Suspense Gas
			22	No-Notice Service
			24	No-Notice Due Transportation Service Provider Balancing

Element Name (LQ02)	Usage	LQ01	LQ02	LQ02 Description
			25	No-Notice Due Service Requester Balancing
			26	Park
			27	Park Withdrawal
			28	Loan
			29	Loan Payback
			31	Meter Bounce
			41	Storage Inventory Cycling
			49	Gathering
			50	Unauthorized Overrun
			51	Capacity Release
			52	TSP Deficiency Credit
			53	SR Deficiency Credit
			54	Pool-to-Pool
			55	Backhaul
			56	Flow Day Diversion
Price Tier	SO	PT	T1	Tier 1 - Lowest Pricing Range
			T2	Tier 2
			T3	Tier 3
			T4	Tier 4
			T5	Tier 5 - Highest Pricing Range
Accounting Adjustment Method	MA	ADJ	REV	Reversal
			RES	Restatement
			NET	Net
Capacity Type Indicator	MA	CQ	PP	Primary to Primary
			PS	Primary to Secondary
			SP	Secondary to Primary
			SS	Secondary to Secondary
			IT	Interruptible
			TP	Tertiary to Primary
			TS	Tertiary to Secondary
Export Declaration	MA	XD	GSTY	GST Export Declaration -- Yes
			GSTN	GST Export Declaration -- No

LCD Segments (Sub-detail - HL03 = '9')

Element Name (LCD06)	Usage	LCD02	LCD05	LCD05 Description
Delivery Location	C	MQ	DR	GISB/PI Data Reference Number
			SV	Transportation Service Provider's proprietary code (see n1)
Delivery Zone	C	DZ	ZN	Zone
Receipt Location	C	M2	DR	GISB/PI Data Reference Number
			SV	Transportation Service Provider's proprietary code (see n1)
Receipt Zone	C	RZ	ZN	Zone

Notes:

n1   When a Transportation Service Provider's proprietary location code is employed pursuant to this standard, the parties agree that nominations, confirmations, scheduled quantities, and capacity release documents employing such code should be for one gas day at a time, and used only until there is a verified common code for the point associated with the proprietary location code. This would include daily nominations over a weekend. Within two months following the availability of the location the parties should employ the common code and no longer employ the proprietary code for identifying such location in the datasets related to the identified standards.

ITA Segments (Sub-detail - HL03 = '9')

Charge Type (ITA05)	Description
ADM	Administrative Fee
ACA	FERC published rate to recover admin costs
AOS	Authorized Overrun
ARC	Asset Reduction Sales Commodity
BCO	Balancing Cash Outs
BCP	Balancing Cash Out Penalties
CCC	Capacity Constraint Credit
CCG	Customer Charge
CMP	Compression Charge
CO2	CO2 Charge
COB	Out of Balance
COF	Fuel Charge
COG	Cost of Gas
COM	Sales Commodity
COT	Transportation Commodity
CRR	Canadian Resolution Reservation
CRS	Canadian Resolution Surcharge Commodity

Charge Type (ITA05)	Description
DBC	Direct Bill
DBS	Daily Balancing Service
DNP	Demand to Non-Primary Points
DEH	Dehydration Charge
EDF	Exchange Differential
EST	Service Establishment Charge
ETD	Extended Delivery
FCR	Fuel Credit
FOC	Facility Outage Credit
FSR	Firm Settlement Reservation
FTR	Firm Transportation Charge
FVR	Fuel Volumes Retained
GAF	Gathering Fuel
GAO	Gathering Charge - Overrun
GAR	Gathering Charge - Reservation
GAT	Gathering Charge - Usage
GLU	Gas Lost and Unaccounted For Charge
GRH	Gas Research Institute Funding Fee - High Load
GRL	Gas Research Institute Funding Fee - Low Load
GRS	Gas Research Institute Funding Fee - Small Customer
GSC	GSR Commodity
GSR	GSR Reservation
INT	Interest Charge
IPU	Imbalance Penalty Under Volume
ISC	Interruptible Settlement Commodity
LIS	Low Income Surcharge
LPC	Late Payment Charge
MC1	Miscellaneous Commodity Surcharges
MC2	Miscellaneous Commodity Cost Recovery Surcharges for Tracking
MIS	Miscellaneous Charge
MKT	Marketing Fee
MR1	Miscellaneous Reservation Surcharges
MR2	Miscellaneous Reservation Cost Recovery Surcharges for Tracking
MSC	Miscellaneous Stranded Costs - Commodity
MSR	Miscellaneous Stranded Costs - Reservation
NPP	Non-Performance Penalty
OCC	Off-system Capacity Charge

Charge Type (ITA05)	Description
OOB	Out of Balance Overrun
O94	Order 94 - Flat Charge
PAL	Parking & Loaning Charge
PRC	Processing Charge
PRE	Prepayment
PRF	Processing Fuel Charge
PTR	Plant Thermal Reduction
RC1	Released Capacity - Demand Credit
RC2	Released Capacity - Reservation Credit
RD1	Reservation/Demand D1
RD2	Reservation/Demand D2
RD4	Reservation/Demand with Surcharges
RDF	Reservation Deliverability - Field
RDM	Reservation Deliverability - Market
R3A	Reservation/Demand - Market Access Capacity
R3F	Reservation/Demand - Field Capacity
R3M	Reservation/Demand - Market Zone Mileage
REG	Pass through of fees paid on behalf of the customer for regulatory charges
RSA	Risk Sharing Amounts - Capacity Turnback
RSC	Reimbursement - Interruptible Revenue Allocation
SBC	System Balancing Charge
SCC	Stranded Transportation Cost - Commodity
SCP	Scheduling Penalties
SCR	Stranded Transportation Cost - Reservation
SCY	Storage Inventory Cycling Charge
SFW	Storage Facility Write Down
SIC	Storage Inventory Charge
SIO	Storage Injection Overrun
SIV	Firm Storage Inventory Charge
SRF	Sales Reservation Fee
STC	Scheduling Tolerance Charge
STF	Storage Fuel Charge
STI	Storage Injections Charge
STR	Storage Reservation Charge
STW	Storage Withdrawal Charge
SWO	Storage Withdrawal Overrun

Charge Type (ITA05)	Description
TAO	Transmission Market Access Overrun
TFO	Transmission Field Overrun
TMO	Transmission Market Overrun
TPF	Take-or-Pay Fixed Charge
TPS	Take-or-Pay Surcharge
TRC	Transportation Reimbursement Credit
TSA	Terminated Sales Commodity
TSC	Target Sales Charge
TXR	Tax Reimbursement
UGP	Unauthorized Gas Penalty
UOP	Use or Pay (Transport-Take or Pay)
UOS	Unauthorized Overrun Charges
UPC	Unrecovered PGA Costs - Commodity
UPR	Unrecovered PGA Costs - Reservation
VCR	Voluntary GRI
VGR	Volumetric GRI
VRA	Volumetric Relinquishments and Acquisitions
VRC	Volumetric Relinquishment GRI Credit

NM1 Segments (Sub-detail - HL03 = '9')

Element Name (NM109)	Usage	NM101	NM108	NM108 Description
Replacement Party Identifier	C	IAV	1	D-U-N-S Number, Dun & Bradstreet
Downstream Identifier Code	MA	DW	1	D-U-N-S Number, Dun & Bradstreet
Upstream Identifier Code	MA	US	1	D-U-N-S Number, Dun & Bradstreet

DATA ELEMENT CROSS REFERENCE TO ASC X12

Usage Codes: M - Mandatory, C - Conditional, SO - Sender's Option, BC - Business Conditional, MA - Mutually Agreeable, nu - not used

Heading:

Segment	Usage	Segment Name/GISB Data Element Name
ST	M	Transaction Set Header
BIG	M	Invoice Date
	M	Invoice Identifier
CUR	SO	Currency
	SO	Exchange Rate
	SO	Effective Exchange Date
REF	SO	Account Number
REF	MA	Previous Invoice Identifier
PER	MA	Contact Person
DTM	M	Net Due Date
DTM	SO	Electronic Funds Transfer Due Date
N1	M	Billable Party (Payer)
N1	M	Payee
REF	SO	Tax Identification Code
N1	M	Service Requester
N1	C	Remit to Party
N3	SO	Remittance Address
N4	SO	Remittance Address
REF	SO	Electronic Funds Transfer Address

Detail:

Segment	Usage	Segment Name/GISB Data Element Name
HL	M	Hierarchical Level segment (Service Requester Level)
IT1	M	Line Number
DTM	SO	Charge/Allowance Period
LQ	SO	Service Requester Level Accounting Adjustment Method
AMT	M	Service Requester Level Charge/Allowance Amount Descriptor
	M	Service Requester Level Charge/Allowance Amount

Summary:

Segment	Usage	Segment Name/GISB Data Element Name
TDS	M	Invoice Total Amount
SE	M	Transaction Set Trailer

SAMPLE ASC X12 TRANSACTION

```
ST*811*123456789
BIG*19960814*841996*****T9
DTM*AAG****D8*19960824
N1*PE**1*808300594
N1*PR**1*508969989
N1*78**1*508969989
HL*001**CH
IT1*001
AMT*I*6.16
IT1*002
AMT*BAR*-1.00
TDS*516
SE*13*123456789
```

Draft Service Requester Level Charge/Allowance Invoice

811 Consolidated Service Invoice/Statement

Functional Group ID=CI

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
Must Use	0100	ST	Transaction Set Header	M	1	
Must Use	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:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
			LOOP ID - HL			>1
Must Use	0100	HL	Hierarchical Level	M	1	
			LOOP ID - IT1			999999
Must Use	2100	IT1	Baseline Item Data (Invoice)	O	1	
	2700	DTM	Date/Time Reference	O	10	
	2830	LQ	Industry Code	O	>1	
			LOOP ID - AMT			>1
Must Use	2850	AMT	Monetary Amount	O	1	

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
Must Use	0100	TDS	Total Monetary Value Summary	M	1	
Must Use	1200	SE	Transaction Set Trailer	M	1	

Draft Service Requester Level Charge/Allowance Invoice

	Segment:	**ST** Transaction Set Header
	Position:	0100
	Loop:	
	Level:	Heading
	Usage:	Mandatory
	Max Use:	1

Data Element Summary

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

Draft Service Requester Level Charge/Allowance Invoice

	Segment:	**BIG** Beginning Segment for Invoice
	Position:	0200
	Loop:	
	Level:	Heading
	Usage:	Mandatory
	Max Use:	1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**BIG01**	**373**	**Date**	**M DT 8/8**
			Invoice Date	
Must Use	**BIG02**	**76**	**Invoice Number**	**M AN 1/22**
			Invoice Identifier	
Must Use	**BIG07**	**640**	**Transaction Type Code**	**O ID 2/2**
			T9 Service Requester Level Invoice	

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

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Data Element Summary

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

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

Data Element Summary

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

Account Number, Previous Invoice Identifier

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

	Segment:	**PER** Administrative Communications Contact

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

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	PER01	366	**Contact Function Code**	M	**ID 2/2**
			IC Information Contact		
Must Use	PER02	93	**Name**	O	**AN 1/35**
			Contact Person (Name)		

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

	Ref. Des.	Data Element	Name		Attributes
Must Use	PER03	365	**Communication Number Qualifier**	X	**ID 2/2**
			TE Telephone		
Must Use	PER04	364	**Communication Number**	X	**AN 1/80**
			Contact Person (Phone)		

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

Draft Service Requester Level Charge/Allowance Invoice

	Segment:	**DTM** Date/Time Reference
	Position:	0800
	Loop:	
	Level:	Heading
	Usage:	Optional (Must Use)
	Max Use:	10
	Notes:	*For GISB, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M ID 3/3
			Refer to "DTM Segments (Heading)" table for usage and values.	
Must Use	DTM05	1250	**Date Time Period Format Qualifier**	X ID 2/3
			Refer to "DTM Segments (Heading)" table for usage and values.	
		D8	Date Expressed in Format CCYYMMDD	
Must Use	DTM06	1251	**Date Time Period**	X AN 1/35
			Refer to "DTM Segments (Heading)" table for usage and values.	

Net Due Date, Electronic Funds Transfer Due Date

Draft Service Requester Level Charge/Allowance Invoice

	Segment:	**N1** Name
	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

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

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

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

Draft Service Requester Level Charge/Allowance Invoice

Segment:	**N3** Address Information				

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').*

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Data Element Summary

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

Segment:	**N4** Geographic Location		
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').*		

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Data Element Summary

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

	Segment:	**REF** Reference Identification
	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

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

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.

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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**HL01**	**628**	**Hierarchical ID Number**	**M** **AN 1/12**
			sequential line item number	
Must Use	**HL03**	**735**	**Hierarchical Level Code**	**M** **ID 1/2**
			CH Contractholder	
			Service Requester Level	

Segment:	**IT1** Baseline Item Data (Invoice)		
Position:	2100		
Loop:	IT1	Optional (Must Use)	
Level:	Detail		
Usage:	Optional (Must Use)		
Max Use:	1		
Notes:	*For GISB, this segment is mandatory.*		

Data Element Summary

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

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

	Segment:	**DTM** Date/Time Reference
	Position:	2700
	Loop:	IT1 Optional (Must Use)
	Level:	Detail
	Usage:	Optional
	Max Use:	10
	Notes:	*For GISB, this segment is sender's option.*

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Data Element Summary

</div>

	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	**M**	**ID 3/3**
			007 Effective		
Must Use	DTM05	1250	**Date Time Period Format Qualifier**	**X**	**ID 2/3**
			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		
Must Use	DTM06	1251	**Date Time Period** *Charge/Allowance Period*	**X**	**AN 1/35**

	Segment:	**LQ** Industry Code	

Position:	2830
Loop:	IT1 Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	>1
Notes:	*For GISB, this segment is sender's option.*

Data Element Summary

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

Draft Service Requester Level Charge/Allowance Invoice

	Segment:	$\mathbf{AMT}$ Monetary Amount

Position: 2850
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) in the IT1 segment (position 2100).*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	AMT01	522	**Amount Qualifier Code**	M	ID 1/3
			Service Requester Level Charge/Allowance Amount Descriptor		
			93 Contribution		
			Voluntary GRI		
			BAR Amount to be Refunded		
			Gas Research Institute Refunds		
			I Interest		
			Interest Charges		
			LS Net Settlement		
			Imbalance Charges		
Must Use	AMT02	782	**Monetary Amount**	M	R 1/10
			Service Requester Level Charge/Allowance Amount		

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

Draft Service Requester Level Charge/Allowance Invoice

	Segment:	**TDS** Total Monetary Value Summary

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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	TDS01	610	Amount	M N2 1/10
			Invoice Total Amount	

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

	Segment:	**SE** Transaction Set Trailer
	Position:	1200
	Loop:	
	Level:	Summary
	Usage:	Mandatory
	Max Use:	1

Data Element Summary

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

TRANSACTION SET TABLES

REF Segments (Heading)

Element Name (REF02)	Usage	REF01
Account Number	SO	11
Previous Invoice Identifier	MA	PX

DTM Segments (Heading)

Element Name (DTM06)	Usage	DTM01	DTM05
Net Due Date	M	AAG	D8
Electronic Funds Transfer Due Date	SO	855	D8

N1 Segments (Heading)

Element Name (N104)	Usage	N101	N103
Billable Party (Payer)	M	PR	1
Payee	M	PE	1
Service Requester	M	78	1
Remit to Party	C	RI	1

REF Segments (Heading - N1 loop)

Element Name (REF02)	Usage	REF01
Electronic Funds Transfer Address	SO1	EM
Tax Identification Code	SO2	TJ

Usage:

SO1   This code value may only be sent in the Remit to Party N1 loop (N101 = 'RI').

SO2   This code value may only be sent in the Payee N1 loop (N101 = 'PE').