RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Requester: Market Settlement Task Force   Request No.: R97031(B)

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:**

_X_ Initiation   _X_ Initiation
_X_ Modification   _____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)   _X_Document (x.4.z)
_X_ Data Element (x.4.z)   _X_Data Element (x.4.z)
_X_ Code Value (x.4.z)   _X_ Code Value (x.4.z)
_X_ X12 Implementation Guide   _X_ X12 Implementation Guide
_____Business Process Documentation _X_Business Process Documentation

3. RECOMMENDATION

DATA DICTIONARY (for new documents and addition, modification or deletion of data elements)

Document Name and No.:   *Service Requester Level Charge/Allowance Invoice, 3.4.X*

NOTE: The definition of the data element **'Payee'** may be revised to the language stated below per **R96126**.

Business Name	Definition	Usage	Condition
Account Number (Acct No)	*Number identifying customer account.*	*SO*	
*Billable Party * (Payer) (Bill Pty)*	*The party being billed.*	*M*	
Charge/Allowance Period (Chrg/Allow Period)	*The day, month or period applicable to the specified Service Requester Level Charge/Allowance Amount.*	*SO*	
Contact Person (Contact)	*The name and telephone number of the contact for questions regarding the statement information.*	*MA*	

1

Currency *(Curr)*	*The monetary unit of exchange.*	*BC*	*For invoice - based on billing party and remitting party transacting business under different currencies.*
Effective Exchange Date *(Eff Exch Date)*	*The effective date for the rate of exchange used to convert the currency.*	*BC*	*For invoice - based on billing party and remitting party transacting business under different currencies.*
Electronic Funds Transfer Address *(EFT Addr)*	*Address that electronic funds should be sent.*	*BC*	
Electronic Funds Transfer Due Date *(EFT Due Date)*	*Invoice due date for parties paying the invoice in electronic funds.*	*BC*	
Exchange Rate *(Exch Rate)*	*The rate of exchange to be used for currency conversion.*	*BC*	*For invoice - based on billing party and remitting party transacting business under different currencies.*
Invoice Date *(Inv Date)*	*The month, day and year the invoice is prepared.*	*M*	
Invoice Identifier *(Inv ID)*	*Unique identification identifier assigned by preparer.*	*M*	
Invoice Total Amount *(Inv Tot Amt)*	*Total amount due.*	*M*	
Line Number *(Line No)*	*A number assigned to each line in the invoice document.*	*M*	
Net Due Date *(Net Due Date)*	*The month, day and year the invoice payment funds are to be made available to the seller by the buyer.*	*M*	
Payee *(Payee)*	*The party billing the service requester/purchaser for transportation/gas.*	*M*	
Previous Invoice Identifier *(Prev Inv ID)*	*The invoice being corrected.*	*MA*	
Remittance Address *(Remit Addr)*	*Address to which payment of an invoice should be made.*	*SO*	
Service Requester * *(Svc Req)*	*Identifies the party requesting the service, or their agent.*	*M*	
Service Requester Level Adjustment Type *(Svc Req Lvl Adj Type)*	*Indicates whether a service requester level prior period adjustment is processed as a reversal, restatement or net.*	*SO*	
Service Requester Level Charge/Allowance Amount *(Svc Req Lvl Chrg/Allow Amt)*	*Monetary amount of charge or allowance invoiced at the service requester level.*	*M*	

Service Requester Level Charge/Allowance Amount Descriptor *(Svc Req Lvl Chrg/Allow Amt Desc)*	*Descriptor used to provide information about the service requester level charge or allowance.*	M	
Tax Identification Code (Tax ID Cd)	*Code assigned by government recognizing a business entity.*	BC	*For invoice - determined by government reporting requirements.*

* Indicates Common Code

CODE VALUES LOG (for addition, modification or deletion of code values)

Document Name and No.:   *Service Requester Level Charge/Allowance Invoice, 3.4.X*

Business Name	Usage	Code Value	Code Value Description	Code Value Definition
Service Requester Level Charge/Allowance Amount Descriptor (Svc Req Lvl Chrg/Allow Amt Desc)	*C*	*RFD*	*Gas Research Institute Refunds*	*Allowances for the settlement of Gas Research Institute refunds.*
		PRB	*Imbalance Charges*	*Charges/allowances for the settlement of quantity imbalances.*
		LPC	*Interest Charges*	*Charges/allowances for interest on past due invoice balances.*
Service Requester Level Adjustment Type (Svc Req Lvl Adj Type)	*SO*	*REV*	*Reversal*	*[To be defined]*
		RES	*Restatement*	*[To be defined]*
		NET	*Net*	*[To be defined]*

TECHNICAL CHANGE LOG (all instructions to accomplish the recommendation)

Document Name and No.:   *Service Requester Level Charge/Allowance Invoice, 3.4.X*

Description of Change:
See Attached Data Element Cross Reference to ASC X12
See Attached Sample ASC X12 Transaction
See Attached X12 Mapping
See Attached Transaction Set Tables

BUSINESS PROCESS DOCUMENTATION (for addition, modification or deletion of business process documentation language)

Standards Book: Invoice Related Standards

Language:
See Attached Technical Implementation of Business Process
See Attached Sample Paper Transaction

4. SUPPORTING DOCUMENTATION

a. Description of Request:

Add two new data elements to the invoice data dictionary. These new data elements will be in the Summary Section of the invoice data set to allow allocation of charges or allowances at the invoice/Service Requester level. The new elements would be "Invoice Level Charge/Allowance Descriptor" and "Invoice Level Charge/Allowance Amount". These data elements would have the usage of 'SO'.

b. Description of Recommendation:

Business Practices Subcommittee

3.3.x   Where no specific contract otherwise applies, in case of shipper level interest charges due from prior invoices, shipper level imbalance charges, and shipper level GRI refunds, a data element(s) should exist to support these charges due from the service requester. The invoice data sets (GISB Standards 3.4.x) should support a method of communicating this information at the service requester level.

Sense of the Room:	March 13, 1997		18 In Favor		0 Opposed
Segment Check (if applicable):					
In Favor :	1 End-Users	1 LDCs	11 Pipelines	2 Producers	3 Services
Opposed:	End-Users	LDCs	Pipelines	Producers	Services

Information Requirements Subcommittee

♦ Parties need the ability to send summary level data elements separate from the other invoice data. Therefore, this request was split into two parts. R97031A covers the addition of the summary level data elements to the existing invoice document. R97031B covers the development of a new summary level invoice titled 'Service Requester Level Charge/Allowance Invoice'.

♦ Does IR need to provide an invoice that contains only service requester level data for interest charges, imbalance charges and Gas Research Institute refunds?

Requester: Market Settlement Task Force   Request No.: R97031(B)

Sense of the Room: August 18, 1997   16 In Favor   0 Opposed
Segment Check (if applicable):
In Favor :   End-Users   LDCs   Pipelines   Producers   Services
Opposed: End-Users   LDCs   Pipelines   Producers   Services

♦ Do we want the method to be a new document or a modification to the usage of the data elements in
the current Invoice?
   A) New document for the summary level information only
   B) Modification of usage of the data element in the current Invoice

Sense of the Room: August 18, 1997   14 (A)   2 (B)
Segment Check (if applicable):
In Favor :   End-Users   LDCs   Pipelines   Producers   Services
Opposed: End-Users   LDCs   Pipelines   Producers   Services

♦ To add new data set titled 'Service Requester Level Charge/Allowance Invoice' (data elements an
code values).

Sense of the Room: August 18, 1997   15 In Favor   0 Opposed
Segment Check (if applicable):
In Favor :   End-Users   LDCs   Pipelines   Producers   Services
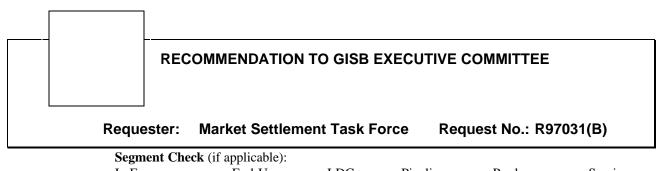Opposed: End-Users   LDCs   Pipelines   Producers   Services

♦ The following data elements need to loop in the new document:
* Adjustment Type
* Service Requester Level Charge/Allowance Descriptor
* Service Requester level Charge/Allowance Amount
* Charge/Allowance Period
* Line Number
* Previous Invoice Identifier

The remaining data elements should all be contained in the same (one) level of the document.

Sense of the Room: August 18, 1997   15 In Favor   0 Opposed
Segment Check (if applicable):
In Favor :   End-Users   LDCs   Pipelines   Producers   Services
Opposed: End-Users   LDCs   Pipelines   Producers   Services

♦ Revisions to new document:
   • Delete 'Adjustment Type'.
   • Add new data element 'Service Requester Level Adjustment Type' to the service requester
     level of the new Service Requester Level Invoice with a Usage of 'SO'. Definition:
     Indicates whether a service requester level prior period adjustment is processed as a reversal,
     restatement or net. Use same code value descriptions as 'Adjustment Type'.
   • Move Previous Invoice Identifier to header level in the new SR Level Invoice.

Sense of the Room: October 14, 1997   17 In Favor   0 Opposed

Segment Check (if applicable):
In Favor:	___End-Users	___LDCs	___Pipelines	___Producers	___Services
Opposed:	___End-Users	___LDCs	___Pipelines	___Producers	___Services

Creation of Technical Implementation of Business Process and Paper Sample.

Sense of the Room: November 4, 1997   __8__ In Favor   __0__ Opposed
Segment Check (if applicable):
In Favor:	___End-Users	___LDCs	___Pipelines	___Producers	___Services
Opposed:	___End-Users	___LDCs	___Pipelines	___Producers	___Services

Technical Subcommittee

Drafts of the Data Element Cross Reference, Sample ASC X12 Transaction, X12 Mapping, and Tables were created and will be discussed at a future meeting.

R97031A&B will be sent back to IR because Adjustment Type and Previous Invoice Identifier were specified at the Service Requester Level in R97031B but not at the Service Requester Level in R97031A. These data elements are not the same as the ones that currently exist at the header and sub-detail level in R97031A so we may need data elements with different names at the Service Requester Level.

Sense of the Room: September 24, 1997   __6__ In Favor   __0__ Opposed
Segment Check (if applicable):
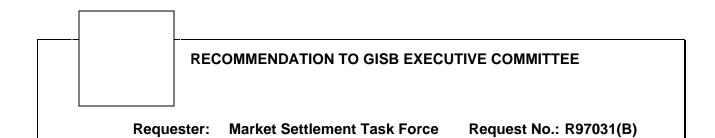|					
In Favor:	___End-Users	___LDCs	___Pipelines	___Producers	___Services
Opposed:	___End-Users	___LDCs	___Pipelines	___Producers	___Services

As a result of the IR meeting on October 14, 1997, modifications were made to the draft documents created at the September 24, 1997 Technical meeting. Data Element Cross Reference, Sample ASC X12 Transaction, X12 Mapping, and Tables were reviewed and completed.

Transfer the request to IR for development of the "Technical Implementation of Business Process" and "Sample Paper Transaction " sections of the Implementation Guide.

Sense of the Room: October 29, 1997   __6__ 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:

Per the request: The current structure of the invoice data set only allows charges or allowances assigned to specific contracts; therefore, charges at the Service Requester Level which are not specifically assigned to individual contracts must be plugged to an arbitrary selected contract, or to a dummy contract number assigned for the purpose. This change would allow accurate representation of the level to which invoice charges and allowances are assigned.

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

♦   At the May EC meeting, the two data elements and three code values were reviewed. The data element and code value names, descriptions and conditions were sent back to IR for further development.

- Service Requester and Invoice are two different levels. Change 'Invoice' to 'Service Requester' for the data elements that will be added.
- What is the meaning / intent of the proposed 'Invoice Level Charge/Allowance Amount Descriptor' data element? Answer: The descriptor is used to provide information about the higher level charge.
- Usage of 'Service Requester Level Charge/Allowance Amount Descriptor' should be revised from 'SO' to 'C', required if 'Service Requester Level Charge/Allowance Amount' is present.

♦   IR: Parties need the ability to send invoice data at the service requester level, and also to send this summary information separate from the transportation invoice data. Examples of use of the separate summary level invoice are: (1) sending one invoice for GRI that applies to all of last year; and (2) TSP sends invoice for interest charges to a service requester who is no longer an active shipper on the TSP.

If parties who have the need to send only summary level data are to utilize the existing invoice data set, the usage of the existing invoice data elements would need to be revised to be conditioned upon the new summary level data elements. IR determined that a simpler and more effective way to implement the summary level data is to use a separate invoice data set.

TECHNICAL IMPLEMENTATION OF BUSINESS PROCESS

The Service Requester Level Charge/Allowance Invoice is the communication between companies which is utilized where charges and/or allowances which apply only at the service requester level are invoiced. When no specific contract or transaction applies to an invoiced amount, the amount is referred to as a "service requester level charge or allowance." Examples of service requester level charges or allowances include interest on past due invoices, imbalance charges and GRI refunds. These charges are described by the **service requester level charge/allowance amount descriptor** while the relevant amount for each descriptor is found in the **service requester level charge/allowance amount.**

When these types of charges and/or allowances are invoiced together with contract level amounts, the Transportation/Sales Invoice document is used. If service requester level charges and/or allowances are the *only* amounts invoiced, this Service Requester Level Charge/Allowance Invoice document should be used instead.

The Service Requester Level Charge/Allowance Invoice is identified by the **invoice identifier**. This is an identifier assigned by the originator of the invoice and is a point of reference for communications regarding the invoice. When an invoice supercedes a previously issued invoice, the **previous invoice identifier**, if utilized, will reflect the invoice being replaced. An invoice uniquely identifies a single **invoice date**, **currency**, **exchange rate**, **effective exchange date**, **account number**, **tax identification code**, **contact person**, **service requester**, **payee**, **billable party (payer)**, **remittance address** and **net due date**.

The **currency, exchange rate** and **effective exchange date** are used traditionally where gas crosses borders and the billable party is in a different country than the payee.

The **tax identification code** is the payee's tax id number to be used for government reporting.

Each combination of service requester level charge/allowance amount descriptor and service requester level charge/allowance amount is identified by a **line number**. Additional information at this level may include the **service requester level adjustment type**, and/or the **charge/allowance period**.

All of the invoiced amounts for each Service Requester Level Charge/Allowance Invoice are summarized into the **invoice total amount**.

SAMPLE PAPER TRANSACTION

Move-It Pipeline

Customer Information: **Invoice Information:**
Larry Henneberry   Invoice #: 841996
100 Lois Lane   Invoice Date: August 14, 1996

Houston, TX 77440   Due Date: August 24, 1996

Service Requester Level Charge/Allowance Invoice

Line	Charge/Allowance	Type	Amount
001	Charge	Interest	$6.16
002	Allowance	GRI Refund	-$1.00

Total Invoice Amount			$5.16

DATA DICTIONARY

Standard 3.4.4

Business Name	Definition	Usage	Condition
Account Number (Acct No)	Number identifying customer account.	SO	
Billable Party (Payer) * (Bill Pty)	The party being billed.	M	
Charge/Allowance Period (Chrg/Allow Period)	The day, month or period applicable to the specified Service Requester Level Charge/Allowance Amount.	SO	
Contact Person (Contact)	The name and telephone number of the contact for questions regarding the statement information.	MA	
Currency (Curr)	The monetary unit of exchange.	BC	For Invoice - based on billing party and remitting party transacting business under different currencies.
Effective Exchange Date (Eff Exch Date)	The effective date for the rate of exchange used to convert the currency.	BC	For Invoice - based on billing party and remitting party transacting business under different currencies.
Electronic Funds Transfer Address (EFT Addr)	Address that electronic funds should be sent.	BC	
Electronic Funds Transfer Due Date (EFT Due Date)	Invoice due date for parties paying the invoice in electronic funds.	BC	
Exchange Rate (Exch Rate)	The rate of exchange to be used for currency conversion.	BC	For Invoice - based on billing party and remitting party transacting business under different currencies.
Invoice Date (Inv Date)	The month, day and year the invoice is prepared.	M	
Invoice Identifier (Inv ID)	Unique identification code assigned by preparer.	M	
Invoice Total Amount (Inv Tot Amt)	Total amount due.	M	
Line Number (Line No)	A number assigned to each line in the invoice document.	M	

Business Name	Definition	Usage	Condition
Net Due Date (Net Due Date)	The month, day and year the invoice payment funds are to be made available to the seller by the buyer.	M	
Payee (Payee)	The party billing the purchaser/shipper for gas/transportation.	M	
Previous Invoice Identifier (Prev Inv ID)	The invoice being corrected.	MA	
Remittance Address (Remit Addr)	Address to which payment of an invoice should be made.	SO	
Service Requester * (Svc Req)	Identifies the party requesting the service, or their agent	M	
Service Requester Level Adjustment Type (Scv Req Lvl Adj Type)	Indicates whether a service requester lever prior period adjustment is processed as a reversal, restatement or net.	SO	
Service Requester Level Charge/Allowance Amount (Svc Req Lvl Chrg/Allow Amt)	Monetary amount of charge or allowance invoiced at the service requester level.	M	
Service Requester Level Charge/Allowance Amount Descriptor (Svc Req Lvl Chrg/Allow Amt Desc)	Descriptor used to provide information about the service requester level charge or allowance.	M	
Tax Identification Code (Tax ID Cd)	Code assigned by government recognizing a business entity.	BC	For Invoice - determined by government reporting requirements.

* Industry Common Code

DATA ELEMENT CROSS REFERENCE TO ASC X12

Heading:

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

Detail:

Segment	Usage	Segment Name/GISB Data Element Name
HL	M	Hierarchical Level - Service Requester Level Charges/Allowances
ITA	M	Line Number
	M	Service Requester Level Charge/Allowance Amount
	SO	Service Requester Level Adjustment Type
	M	Service Requester Level Charge/Allowance Amount Descriptor
DTM	SO	Charge/Allowance Period

Summary:

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

SAMPLE ASC X12 TRANSACTION

```
ST*811*123456789
BIG*960814*841996
ITD******960824
N1*PE**1*808300594
N1*PR**1*508969989
N1*78**1*508969989
HL*001**CH
ITA*C***ZZ*001**616*******LPC
ITA*A***ZZ*002**-100*******RFD
TDS*516
CTT*1
SE*12*123456789
```

TRANSACTION SET TABLES

REF Segment (Heading)

Element Name (REF02)	Usage	REF01	REF02 Description
Account Number	SO	11	Account Number
Tax Identification Code	BC1	TJ	Taxpayer ID Number

Usage:

BC1   Mandatory when gas crosses from Canada into the United States.

N1 Segment (Heading)

Element Name (N104)	Usage	N101	N103
Service Requester	M	78	1
Payee	M	PE	1
Billable Party (Payer)	M	PR	1
Remittance Address	SO	RI	1

811 Consolidated Service Invoice/Statement

Functional Group ID=CI

Heading:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
010	ST	Transaction Set Header	M	1		
020	BIG	Beginning Segment for Invoice	M	1		
040	CUR	Currency	O	1		
050	REF	Reference Numbers	O	>1		
060	PER	Administrative Communications Contact	O	3		
070	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
		LOOP ID - N1			>1	
100	N1	Name	O	1		
120	N3	Address Information	O	2		
130	N4	Geographic Location	O	1		
140	REF	Reference Numbers	O	12		

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - HL			>1	
010	HL	Hierarchical Level	M	1		n1
		LOOP ID - ITA			>1	
180	ITA	Allowance, Charge or Service	O	1		
190	DTM	Date/Time/Period	O	1		

Summary:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
010	TDS	Total Monetary Value Summary	M	1		
110	CTT	Transaction Totals	O	1		n2
120	SE	Transaction Set Trailer	M	1		

Segment: **ST** **Transaction Set Header**
Position: 010
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 X12.39 Consolidated Service Invoice/Statement	
Must Use	ST02	329	**Transaction Set Control Number**	**M AN 4/9**

Segment:	**BIG** Beginning Segment for Invoice		
Position:	020		
Loop:			
Level:	Heading		
Usage:	Mandatory		
Max Use:	1		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BIG01	245	**Invoice Date**	**M DT 6/6**
			Invoice Date	
Must Use	BIG02	76	**Invoice Number**	**M AN 1/22**
			Invoice Identifier	
	BIG10	76	**Invoice Number**	**O AN 1/22**
			Previous Invoice Identifier	

For GISB, this element is mutually agreed.

Segment:		**CUR** Currency			
Position:	040				
Loop:					
Level:	Heading				
Usage:	Optional				
Max Use:	1				
Notes:	*For GISB, this segment is business conditional. It is sent if the billing party and the remitting party are transacting business under different currencies.*				

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	CUR01	98	**Entity Identifier Code**		M ID 2/2
			BY	Buying Party (Purchaser)	
Must Use	CUR02	100	**Currency Code** *Currency*		M ID 3/3
			CAD	Canadian Dollars	
			MXN	Mexican New Peso	
			USD	US Dollars	
Must Use	CUR03	280	**Exchange Rate** *Exchange Rate*		O R 4/6
Must Use	CUR07	374	**Date/Time Qualifier**		X ID 3/3
			007	Effective	
Must Use	CUR08	373	**Date** *Effective Exchange Date*		O DT 6/6

Segment: **REF** Reference Numbers

Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: >1

Data Element Summary

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

	Segment:		**PER** Administrative Communications Contact
	Position:	060	
	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)		
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)		

	Segment:	**ITD** Terms of Sale/Deferred Terms of Sale
	Position:	070
	Loop:	
	Level:	Heading
	Usage:	Optional
	Max Use:	5
	Notes:	*For GISB, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**ITD06**	**446**	**Terms Net Due Date**	**O**	**DT 6/6**
			Net Due Date		
	ITD09	**388**	**Terms Deferred Due Date**	**O**	**DT 6/6**
			Electronic Funds Transfer Due Date		
			For GISB, this element is business conditional.		
	ITD11	**342**	**Percent of Invoice Payable**	**X**	**R 1/5**
			For GISB, when Electronic Funds Transfer Due Date is sent in ITD09, send '100' in ITD11.		

Segment:	**N1** Name
Position:	100
Loop:	N1
Level:	Heading
Usage:	Optional
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 2/2**
			Refer to "N1 Segment (Heading)" table for usage and values.		
Must Use	N103	66	**Identification Code Qualifier**	X	**ID 1/2**
			Refer to "N1 Segment (Heading)" table for usage and values.		
Must Use	N104	67	**Identification Code**	X	**AN 2/17**
			Refer to "N1 Segment (Heading)" table for usage and values.		

*Service Requester, Payee, Billable Party (Payer), Remittance
Address*

Segment:	**N3** Address Information
Position:	120
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	2
Notes:	*This segment is used to specify the remittance address.*
	For GISB, this segment is sender's option.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N301	166	**Address Information**	M	AN 1/35
			Remittance Address		
	N302	166	**Address Information**	O	AN 1/35
			Remittance Address		

Segment:	**N4** Geographic Location	
Position:	130	
Loop:	N1	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Notes:	*This segment is used to specify the remittance address.*	
	For GISB, this segment is sender's option.	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	19	**City Name**	O	**AN 2/30**
N402	156	**State or Province Code**	O	**ID 2/2**
N403	116	**Postal Code**	O	**ID 3/9**
N404	26	**Country Code**	O	**ID 2/3**

Segment: **REF** Reference Numbers
Position: 140
Loop: N1
Level: Heading
Usage: Optional
Max Use: 12
Notes: *For GISB, this segment is business conditional.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	REF01	128	Reference Number Qualifier	M	ID 2/2
			EM Electronic Payment Reference Number		
Must Use	REF02	127	Reference Number	X	AN 1/30
			Electronic Funds Transfer Address		

Segment: **HL** **Hierarchical Level**
Position: 010
Loop: HL
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: **ITA** **Allowance, Charge or Service**

Position:	180
Loop:	ITA
Level:	Detail
Usage:	Optional
Max Use:	1
Notes:	*For GISB, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	ITA01	248	**Allowance or Charge Indicator**	M	ID 1/1
			A　　　　Allowance		
			C　　　　Charge		
Must Use	ITA04	331	**Allowance or Charge Method of Handling Code**	M	ID 2/2
			ZZ　　　Mutually Defined		
Must Use	ITA05	341	**Allowance or Charge Number**	O	AN 1/16
			Line Number		
Must Use	ITA07	360	**Allowance or Charge Total Amount**	O	N2 1/9
			Service Requester Level Charge/Allowance Amount		
	ITA13	352	**Description**	X	AN 1/80
			Service Requester Level Adjustment Type		
			For GISB, this element is sender's option.		
			NET　　　Net		
			RES　　　Restatement		
			REV　　　Reversal		
Must Use	ITA14	150	**Special Charge or Allowance Code**	X	ID 3/3
			Service Requester Level Charge/Allowance Amount Descriptor		
			LPC　　　Late payment charge		
			Interest Charges		
			PRB　　　Prior Balance		
			Imbalance Charges		
			RFD　　　Refund		
			Gas Research Institute Refunds		

Segment:	**DTM** Date/Time/Period			
Position:	190			
Loop:	ITA			
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	**DTM01**	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
			007	Effective	
Must Use	**DTM06**	**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	
				ANSI Approved in Version 3060	
			RD8	Range of Dates Expressed in Format CCYYMMDD -CCYYMMDD	
Must Use	**DTM07**	**1251**	**Date Time Period**	**X**	**AN 1/35**
			Charge/Allowance Period		

Segment: **TDS** Total Monetary Value Summary

Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	TDS01	361	**Total Invoice Amount** *Invoice Total Amount*	M N2 1/10

Segment:	**CTT** Transaction Totals	
Position:	110	
Loop:		
Level:	Summary	
Usage:	Optional	
Max Use:	1	
Notes:	*For GISB, this segment is mandatory.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CTT01	354	**Number of Line Items**	M N0 1/6
			The count of the HL loops.	

Segment: **SE** **Transaction Set Trailer**
Position: 120
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**