Table of Contents

ICS Interchar	nge Control Structures	3
Segment:	ISA Interchange Control Header	4
Segment:	GS Functional Group Header	6
Segment:	GE Functional Group Trailer	7
Segment:	IEA Interchange Control Trailer	8
210 Motor C	arrier Freight Details and Invoice	9
Segment:	ST Transaction Set Header	10
Segment:	B3 Beginning Segment for Carrier's Invoice	11
Segment:	G62 Date/Time	13
Segment:	C3 Currency	14
Segment:	N9 Reference Identification	15
Segment:	R3 Route Information - Motor	16
Segment:	N1 Name	17
Segment:	N3 Address Information	18
Segment:	N4 Geographic Location	19
Segment:	LX Assigned Number	20
Segment:	L5 Description, Marks and Numbers	21
Segment:	LO Line Item - Quantity and Weight	22
Segment:	L1 Rate and Charges	23
Segment:	L7 Tariff Reference	24
Segment:	SPO Shipment Purchase Order Detail	25
Segment:	L3 Total Weight and Charges	26
Segment:	SE Transaction	27
210 Examp	ole	28
Appendix A:	Document Revision Log	29

ICS Interchange Control Structures

Introduction:

The purpose of this standard is to define the control structures for the electronic interchange of one or more encoded business transactions including the EDI (Electronic Data Interchange) encoded transactions of Accredited Standards Committee X12. This standard provides the interchange envelope of a header and trailer for the electronic interchange through a data transmission, and it provides a structure to acknowledge the receipt and processing of this envelope.

Notes:

- This standard specifies the control segments to be utilized when a trading partner sends an 'ISA' header.
- The information in this document was modified specifically for the MercuryGate implementation.
- Mandatory elements are marked with 'M' under the Attributes or Requirement Designator.

Pos. No.	Seg. ID	Name	Req Des	Max Use
010	ISA	Interchange Control Header	M	1
030	GS	Functional Group Header	M	1
040	GE	Functional Group Trailer	M	1
050	IEA	Interchange Control Trailer	M	1

NOTE: Please note that the DATE field on the ISA is a mandatory length of 6, but all other date fields are a mandatory length of 8.

Segment: ISA Interchange Control Header

Position: 010 Loop: Level:

Usage: Mandatory
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Ref.	Data					
Des.	Element		Attributes			
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	
		Code to identify the type of information in the				
		Authorization Information.				
		No Authorization Information Present (No Meaningful Information in IO2)				
ISA02	I02	Authorization Information	M	AN	10/10	
		Information used for additional identification or				
		authorization of the interchange sender or the data in				
		the interchange; the type of information is set by the				
TC 4 02	T02	Authorization Information Qualifier.	3.6	TD	2/2	
ISA03	I03	Security Information Qualifier	M	ID	2/2	
		Code to identify the type of information in the Security				
		Information				
		No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	Security Information	M	AN	10/10	
		Used for identifying the security information about the				
		interchange sender or the data in the interchange; the				
		type of information is set by the Security Information				
TOLOF	T0.5	Qualifier.	3.4	TD	2/2	
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	
		Qualifier to designate the system/method of code structure used to designate the sender or receiver ID				
		element being qualified.				
		Codes agreed to by trading partners.				
ISA06	I06	Interchange Sender ID	M	AN	15/15	
		Identification code published by the sender for other				
		parties to use as the receiver ID to route data to them;				
		the sender always codes this value in the sender ID				
		element.				
		Codes agreed to by trading partners.				

ISA07	105	Interchange ID Qualifier Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified. Codes agreed to by trading partners.	M	ID	2/2
ISA08	107	Interchange Receiver ID Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them. Codes agreed to by trading partners.	M	AN	15/15
ISA09	108	Interchange Date	M	DT	6/6
ISA10	I09	Date of the interchange.	M	TM	4/4
15A10	109	Interchange Time Time of the interchange	IVI	1 1/1	4/4
ISA11	I10	Interchange Control Standards Identifier Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer U U.S. EDI Community of ASC X12,	M	ID	1/1
TC 4 10	T11	TDCC, and UCS	N #	ID	E 1 E
ISA12	I11	Interchange Control Version Number This version number covers the interchange control segments. 00401 ASC X12 Standards version 4010	M	ID	5/5
ISA13	I12	Interchange Control Number	M	N0	9/9
ISA14	I13	A control number assigned by the interchange sender Acknowledgment Requested Code sent by the sender to request an interchange acknowledgment (TA1)	M	ID	1/1
ISA15	I14	0 No Acknowledgement Requested Test Indicator Code to indicate whether data enclosed by this interchange envelope is test or production. P Production Data	M	ID	1/1
		T Test Data			
ISA16	I15	Component Element Separator Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within composite data structure; this value must be different than the data element separator and the segment terminator. Colon ":" is the default. Other values are configurable.	M		1/1

Segment: GS Functional Group Header

Position: 030 Loop:

Level: Usage: Mandatory

Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information

Ref.	Data				
Des.	Element	Name		Attribu	tes
GS01	479	Functional Identifier Code	\mathbf{M}	ID	2/2
		Code identifying a group of application related			
		transaction sets:			
		IM Carrier Freight Details and Invoice (210)			
GS02	142	Application Sender's Code	\mathbf{M}	$\mathbf{A}\mathbf{N}$	2/15
		Code identifying party sending transmission.			
		Codes agreed to by trading partners.			
GS03	124	Application Receiver's Code	\mathbf{M}	$\mathbf{A}\mathbf{N}$	2/15
		Code identifying party receiving transmission.			
		Codes agreed to by trading partners.			
GS04	373	Date	M	DT	8/8
		Date expressed as CCYYMMDD			
GS05	337	Time	\mathbf{M}	TM	4/8
		Time expressed in 24-hour clock time as follows:			
		HHMM, or HHMMSS, or HHMMSSD, or			
		HHMMSSDD, where $H = hours$ (00-23), $M = minutes$	_		
		(00-59), S = integer seconds $(00-59)$ and DD = decimal	l		
		seconds; decimal seconds are expressed as follows: D			
CCC	40	= tenths $(0-9)$ and DD = hundredths $(00-99)$	3.7	NIO	1 /0
GS06	28	Group Control Number	M	N0	1/9
		Assigned number originated and maintained by the			
GS07	455	sender Perposible Agency Code	M	ID	1/2
GSU/	433	Responsible Agency Code Code used in conjunction with Data Element 480 to	IVI	ID	1/2
		identify the issuer of the standard			
		•			
		X - Accredited Standards Committee X12			
GS08	480	Version / Release / Industry Identifier Code	\mathbf{M}	$\mathbf{A}\mathbf{N}$	1/12
		Code indicating the version, release, sub-release, and			
		industry identifier of the EDI standard being used			
		004010 Draft Standards Approved for			
		Publication by ASC X12			

Segment: \mathbf{GE} Functional Group Trailer

Position: 040 Loop:

Level: Usage: Mandatory

Max Use: 1
Purpose: To indicate the end of a functional group and to provide control information

Ref. Des.	Data Element	Name	<i>E</i>	Attribu	tes	
GE01	97	Number of Transaction Sets Included	\mathbf{M}	N0	1/6	
CE:04	20	Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	3.6	NIO	1.10	
GE02	28	Group Control Number Assigned number originated and maintained by the sender.	M	N0	1/9	

Segment: IEA Interchange Control Trailer

Position: 050 Loop:

Level: Usage: Mandatory

Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Ref.	Data						
Des.	Element Name		Attributes				
IEA01	I16	Number of Included Functional Groups	$\overline{\mathbf{M}}$	N0	1/5		
		A count of the number of functional groups included in	l				
		an interchange					
IEA02	I12	Interchange Control Number	\mathbf{M}	N0	9/9		
		A control number assigned by the interchange sender.					

210 Motor Carrier Freight Details and Invoice

Functional Group ID=**IM**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Motor Carrier Freight Details and Invoice Transaction Set (210) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide detail information for charges for services rendered by a motor carrier. It is used both as a motor carrier invoice to request payment or as details pertaining to motor freight shipment(s) charges.

MG I	Pos. Seg.		Req.	Max
	No. ID	Name	Des.	<u>Use</u>
	$\overline{010}$ \overline{ST}	Transaction Set Header	$\overline{\mathbf{M}}$	1
M (020 B3	Beginning Segment for Carrier's Invoice	\mathbf{M}	1
0	040 C3	Currency	O	1
0	060 N9	Reference Identification	O	300
0	070 G62	Date/Time	O	2
0	080 R3	Route Information - Motor	O	12
		Loop ID - 0100		Repeat 10
0 1	110 N1	Name	O	1
0 1	130 N3	Address Information	O	2
0 1	140 N4	Geographic Location	O	1
		Loop ID - 0400		Repeat 9999
M 1	120 LX	Assigned Number	0	1
1	140 L5	Description, Marks and Numbers	0	30
0 1	1.0 22	Description, warks and runners	U	30
\mathbf{M} 1	170 L0	Line Item – Quantity and Weight	0	10
TAT 7			-	
	170 L0	Line Item – Quantity and Weight	O	10
	170 L0 180 L1	Line Item – Quantity and Weight Rate and Charges	0 0	10 10
	170 L0 180 L1	Line Item – Quantity and Weight Rate and Charges	0 0	10 10
O 2	170 L0 180 L1	Line Item – Quantity and Weight Rate and Charges Tariff Reference	0 0	10 10 10
O 2	170 L0 180 L1 200 L7	Line Item – Quantity and Weight Rate and Charges Tariff Reference Loop ID – 0430	0 0 0	10 10 10 10
O 2	170 L0 180 L1 200 L7	Line Item – Quantity and Weight Rate and Charges Tariff Reference Loop ID – 0430	0 0 0	10 10 10 10

Segment: ST Transaction Set Header

Position: 010 Loop:

Level: Heading Usage: Mandatory

Max Use: 1

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

number

Syntax Notes:
Semantic Notes:

O1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

MG	Ref.	Data				
Usage	Des.	Element	Name	A	ttribut	tes
\mathbf{M}	ST01	143	Transaction Set Identifier Code	M/Z	ID	3/3
			Code uniquely identifying a Transaction Set			
			210 Motor Carrier Freight Details and			
			Invoice			
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9

Segment: **B3** Beginning Segment for Carrier's Invoice

Position: 020 Loop:

> Level: Heading Usage: Mandatory

Max Use: 1

Purpose: To transmit basic data relating to the carrier's invoice

Syntax Notes: 09 If either B309 or B310 is present, then the other is required.

Semantic Notes: 06 B306 is the billing date.
09 On collect freight bills the data in B309 will be the actual delivery date. For the shipments invoiced prior to delivery, the B309 will be the estimated date of delivery.

MG	Ref.	Data				
Usage	Des.	Element			ttribut	
\mathbf{M}	B302	76	Invoice Number	\mathbf{M}	AN	1/22
			Identifying number assigned by issuer			
O	B303	145	Shipment Identification Number	O	AN	1/30
			Description: Identification number assigned to			
			the shipment by the shipper that uniquely			
			identifies the shipment from origin to ultimate			
			destination and is not subject to modification;			
			(Does not contain blanks or special characters)			
0	B304	140	Shipment Method of Payment	M	ID	2/2
			Code identifying payment terms for			
			transportation charges			
			Default Methods			
			CC Collect			
			PP Prepaid (by Seller)			
			TP Third Party			
			CD Collect			
			Other Methods are configurable			
O	B306	373	Date	M/Z	DT	8/8
			Date expressed as CCYYMMDD			
O	B307	193	Net Amount Due	\mathbf{M}	N2	1/12
			Total charges to be paid by the receiver of this			
			transaction set expressed in the standard			
			monetary denomination for the currency			
~~ /~	D		specified		~ ~	0.40
\mathbf{X}/\mathbf{Z}	B309	32	Delivery Date	X/Z	DT	8/8
			Date for delivery of cargo to final consignee or			
			to next mode expressed in format			
			CCYYMMDD			

\mathbf{X}	B310	374	Date/Time Qualifier	\mathbf{X}	ID	3/3
			Code specifying type of date or time, or both			
			date and time			
\mathbf{M}	B311	140	Standard Carrier Alpha Code	\mathbf{M}	ID	2/4
			Standard Carrier Alpha Code			
\mathbf{O}	B312	373	Date	O	DT	8/8
			Date expressed as CCYYMMDD			

Segment: G62 Date/Time

Position: 070 Loop:

Level: Heading Usage: Optional

Max Use: 2
Purpose: To specify pertinent dates and times

Semantic Notes: 01 P0102 - If either G6201 or G6202 is present, then the other

is required.

MG <u>Usage</u>	Ref. Des.	Data <u>Element</u>	Name	ame			tes
M	G6201	432	Date Qualification Code specify:	er ing type of date	X	ID	2/2
			Supported Do 86 35/67	ate Qualifiers Actual Ship Date Actual Delivery Date			
M	G6202	373	Date Date expresse	ed as CCYYMMDD	X	DT	8/8

Segment: C3 Currency

Position: 040 Loop:

Level: Heading Usage: Optional

Max Use: 1

Purpose: To specify the currency being used in the transaction set

Semantic Notes: 01 C301 is the billing currency

Comments 00 Currency is implied by the code for the country in whose

currency the monetary amounts are specified.

MG <u>Usage</u>	Ref. Des.		Name	Attributes				
M	C301	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified	M/Z	ID	3/3		
			Currency code can also be provided with the L120 element Currency is defaulted to USD if neither C301 nor L120 are provided					

Segment: N9 Reference Identification

Position: 060 Loop:

Level: Heading Usage: Optional Max Use: 300

Purpose: To transmit identifying information as

specified by the Reference Identification Qualifier

MG <u>Usage</u>			Attributes				
M	N901	128	Reference Identification Qualifier Reference Identification Qualifiers are configurable	M	ID	2/3	
M	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/30	

Segment: R3 Route Information - Motor

Position: 080 Loop:

Level: Heading Usage: Optional Max Use: 12

Purpose: To specify carrier and routing sequences and details

Data Element Summary

MG <u>Usage</u>	Ref. Des.	Data <u>Element</u>	Name		Attribu	tes
0	R301	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	M	ID	2/4
0	R302	133	Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement	M	ID	1/2
M	R304	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment	0	ID	1/2

Method/Type Codes are configurable

Segment: N1 Name

Position: 110 Loop: 0100 Level: Heading Usage: Optional Max Use: 1

Purpose: To identify a party by type of organization,

name, and code

Semantic Notes: 02 R0203 - At least one of N102 or N103 is required. 03 P0304 - If either N103 or N104 is present, then the other is required.

Comments: 04 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

MG	Ref.	Data						
<u>Usage</u>	Des.	Element	Name				Attribut	
\mathbf{M}	N101	98	Entity I	dentifier Code		${f M}$	ID	2/3
			Code ide	entifying an organiza	ational entity, a			
			physical	location, property of	r an individual			
			Identifie	r Code Supported				
			SH	Shipper	Related to			
					Origin of			
			SF	Ship From	shipment			
			CN	Consignee	Related to			
			ST	Ship To	Destination			
			51	Simp 10	of Shipment			
			BT	Bill-to-Party	Related to			
			PF	Party to Receive	Billing			
				Freight Bill	C			
M	N102	93	Name	8		X	$\mathbf{A}\mathbf{N}$	1/60
			Free-for	m name				
\mathbf{X}	N103	66	Identific	ation Code Qualifie	er	\mathbf{X}	ID	1/2
			Code de	signating the system	/method of code			
			structure	used for Identificat	ion Code (67)			
X	N104	67	Identifi	cation Code		X	AN	2/80
4	11107	07		ntifying a party or ot	her code	41	7 7 7	2 / 00
			Code ide	marying a party or ot	nor code			

Segment: N3 Address Information

Position: 130 Loop: 0100 Level: Heading Usage: Optional

Max Use: 2
Purpose: To identify the location of the named party

MG	Ref.	Data				
<u>Usage</u>	Des.	Element	Name		Attribut	tes
$\overline{\mathbf{M}}$	N301	166	Address Information	M	AN	1/55
			Address Information			
\mathbf{O}	N302	166	Address Information	0	$\mathbf{A}\mathbf{N}$	1/55
			Address Information			

Segment: N4 Geographic Location

Position: 140 Loop: 0100 Level: Heading Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

Semantic Notes: 01 A combination of N401 through N404 is used to specify a location.

02 N402 is required only if city name (N401) is in the U.S. or Canada.

MG <u>Usage</u>	Ref. Des.	Data Element	Name		Attribu	tes	
0	N401	19	City Name Free-form text for city name	O	AN	2/30	_
O	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	0	ID	2/2	
0	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	
O	N404	26	Country Code Code identifying the country	0	ID	2/3	

Segment: LX Assigned Number

Position: 120 Loop: 0400 Level: Detail Usage: Mandatory

Max Use: 1
Purpose: To reference a line number in a transaction set

MG <u>Usage</u>	Ref. Data <u>e Des. Element Name</u>		Attributes				
M	LX01	554	Assigned Number Number assigned for differentiation within a transaction set.	M	N0	1/6	

Segment: L5 Description, Marks and

Numbers

Position: 140 **Loop:** 0400 Level: Detail Usage: Optional Max Use: 30

Purpose: To specify the line item in terms of description, quantity,

packaging, and marks and numbers

MG	Ref.	Data					
<u>Usage</u>	Des.	Element	Name	Attributes			
$\overline{\mathbf{O}}$	L501	213	Lading Line Item Number	O	N0	1/3	
			Sequential line number for a lading item				
\mathbf{M}	L502	79	Lading Description	\mathbf{X}	$\mathbf{A}\mathbf{N}$	1/50	
			Description of an item as required for rating				
			and billing purposes				

Segment: L0 Line Item - Quantity and Weight

Position: 170 **Loop:** 0400 Level: Detail **Usage:** Optional Max Use: 10

Purpose: To specify quantity, weight, volume, and type of service for a line

item including applicable "quantity/rate-as" data

Syntax Notes: 04 P0405 - If either L004 or L005 is present, then the other is required.

08 P0809 - If either L008 or L009 is present, then the other is

required.

Semantic Notes 08 L008 is the number of handling units of the line item tendered to the carrier.

MG	Ref.	Data				
<u>Usage</u>	Des.	Element	Name	A	ttribu	tes
0	L001	213	Lading Line Item Number	0	N0	1/3
			Sequential line number for a lading item			
\mathbf{M}	L004	81	Weight	\mathbf{X}	R	1/10
			Numeric value of weight			
\mathbf{M}	L005	187	Weight Qualifier	\mathbf{X}	ID	1/2
			Code defining the type of weight			
\mathbf{M}	L008	80	Lading Quantity	\mathbf{X}/\mathbf{Z}	No	1/7
			Number of units (pieces) of the lading			
			commodity			
\mathbf{M}	L009	211	Packaging Form Code	\mathbf{X}	ID	3/3
			Code for packaging form of the lading quantity			

Segment: L1 Rate and Charges

Position: 180 **Loop:** 0400 Level: Detail **Usage:** Mandatory

Max Use: 10

Purpose: To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements

Syntax Notes 02 P0203 - If either L102 or L103 is present, then the other is required.

04 R040506 - At least one of L104, L105 or L106 is required.

Semantic Notes 02 L120, if used, indicates the currency for all monetary amounts in this L1 segment.

MG	Ref.	Data				
<u>Usage</u>	Des.	Element	Name	A	ttribut	tes
$\overline{\mathbf{O}}$	L101	213	Lading Line Item Number	0	N0	1/3
X	L102	60	Sequential line number for a lading item Freight Rate	X	R	1/9
X	L103	122	Rate that applies to the specific commodity Rate/Value Qualifier	X	ID	2/2
A	L103	122	Code qualifying how to extend charges or interpret value	A	ID	212
M	L104	58	Charge For a line item: freight or special charge; for the total invoice: the total chargesexpressed	X	N2	1/9
0	L108	150	in the standard monetary denomination for the currency specified Special Charge or Allowance Code Code identifying type of special charge or allowance	0	ID	3/3
O	L120	100	Special Charge or Allowance Codes are configurable Currency Code Code (Standard ISO) for country in whose currency the charges are specified.	O/Z	ID	3/3

Segment: L7 Tariff Reference

Position: 180
Loop: 0400
Level: Detail
Usage: Optional
Max Use: 10

Purpose: To reference details of the tariff used to arrive at applicable rates

or charge

MG <u>Usage</u>	Ref. Des.	Data Element	Name	ı	Attributes				
$\overline{0}$	L701	213	Lading Line Item Number	$\overline{\mathbf{o}}$	N0	1/3			
M	L707	59	Sequential line number for a lading item Freight Class Code	O	AN	2/5			
			Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.						

Segment: SPO Shipment Purchase Order

Detail

Position: 220 **Loop:** 0430 Level: Detail Usage: Optional

Max Use: 1
Purpose: To specify the purchase order details for a shipment

MG Usage Create PO Number reference on the load

MG	Ref.	Data				
<u>Usage</u>	Des.	Element	Name		Attribut	es
\mathbf{M}	SPO01	324	Purchase Order Number	$\overline{\mathbf{M}}$	$\mathbf{A}\mathbf{N}$	1/22
			Free-form text identifying number for			
			Purchase Order assigned by the			
			orderer/purchaser			

Segment: L3 Total Weight and Charges

Position: 010 Loop:

> **Level:** Summary Usage: Mandatory

Max Use: 1

Purpose: To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items

Syntax Notes:

01 P0102 - If either L301 or L302 is present, then the

other is required.

Semantic Notes 05 L305 is the total charges.

Data Element Summary

MG <u>Usage</u>	Ref. Des.	Data Element	Name	A	Attributes		
M	L301	81	Weight Numeric value of weight	X	R	1/10	
M	L302	187	Weight Qualifier Code defining the type of weight	X	ID	1/2	
\mathbf{M}	L305	58	Charge	\mathbf{O}/\mathbf{Z}	N2	1/9	

For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified

Segment: SE Transaction

Position: 090 Loop:

Level: Summary Usage: Mandatory

Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments: 00 SE is the last segment of each transaction set

MG <u>Usage</u>	Ref. Des.	Data Element	Name		Attribu	tes
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9

210 Example

IEA*1*000000022~

*02*PLLD ISA*00* *00* *01*MGCUSTOMER *150128*1310*U*00401*000000022*0*P*:~ GS*IM*PLLD*MGCUSTOMER*20150128*131026*22*X*004010~ ST*210*000220001~ B3**1520630*0017628170*PP**20141115*193101**20141031*035*PLLD~ C3*USD~ N9*DP*DP500S~ G62*86*20141015~ R3*PLLD*B**M~ N1*SH*MERCURYGATE - DRY~ N3*ATTN JOHN DOE~ N4*AURORA*IL*605061076*US~ N1*CN*MERCURYGATE FT WORTH- DRY~ N3*90 TRADE WIND DR E~ N4*FORTH WORTH*TX*76177*US~ LX*1~ L5*1*Total Line Haul~ L0*1*915*DM*37124*G*****L~ L1*1*1.76*PM*161040~ L7*1*****70~ LX*2~ L5*2*Fuel Surcharge~ L1*2***28365****405****FUEL SURCHARGE~ LX*3~ L1*3***3696****LOA****Loading~ SPO*PO06201302015~ L3*37124*G***193101~ SE*25*000220001~ GE*1*22~

Appendix A: Document Revision Log

Version	Date	Change description
3.0	01/30/15	Revised V3.0 Document
2.1	10/07/14	Revised V2.1 Document