

ANSI Compliant Shipper Imbalance Working Document

Discussed at the following meetings:

12/13/1999
 01/28/2000
 02/29/2000
 04/20/2000
 05/05/2000

mapped to ASC X12 811; used version 4030 as a base X12 standard

GISB Shipper Imbalance (2.4.4)

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

0100	ST		M/1				
0200	BIG		M/1				
		BIG01 - 373	M		The date the statement was generated.	DT	8/8
		BIG02 - 76	M		The statement number assigned by the statement preparer.	AN	1/22
		BIG07 - 640	O	F6		ID	2/2
0800	DTM		O/10	(1st occurrence)	For GISB, this segment is mandatory.		
		DTM01 - 374	M	102		ID	3/3
		DTM05 - 1250	X	DT		ID	2/3
		DTM06 - 1251	X	Statement Date/Time (M)		AN	1/35
0800	DTM			(2nd occurrence)			
		DTM01 - 374	M	582		ID	3/3
		DTM05 - 1250	X	CM D8 RD8		ID	2/3
		DTM06 - 1251	X	Accounting Period (M)		AN	1/35
		N1 loop	>1	(1st occurrence)			
1000	N1		O/1				
		N101 - 98	M	40		ID	2/3

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		N103 - 66	X	1		ID	1/2
		N104 - 67	X	Statement Recipient ID (M)		AN	2/17 *
		N1 loop	>1	(2nd occurrence)			
1000	N1		O/1				
		N101 - 98	M	P1		ID	2/3
		N103 - 66	X	1		ID	1/2
		N104 - 67	X	Preparer ID (M)		AN	2/17 *
1500	PER		O/3				
		PER01 - 366	M	IC		ID	2/2
		PER02 - 93	O	Contact Person (Name) (M)		AN	1/35 *
		PER03 - 365	X	TE		ID	2/2
		PER04 - 364	X	Contact Person (Phone) (M)		AN	1/80
Detail							
		HL loop	>1				
0100	HL		M/1				
		HL01 - 628	M	sequential line item number		AN	1/12
		HL03 - 735	M	IB		ID	1/2
		IT1 loop	999999				
2100	IT1		O/1				
		IT101 - 350	O	purchase order line item identification		AN	1/20
2600	REF		O/8				
		REF01 - 128	M	KSR - Service Requester Contract Identifier (new for the 873)	[this might go in a new REF within the NM1 loop, or it might stay here]	ID	2/3
		REF02 - 127	X	Service Requester Contract (M)		AN	1/30
pending	LQ			(1st occurrence)	[added to this level with our Invoicing DMR (dmr06)]		
		LQ01-1270	O	IRT (new for this dmr)	mark as must use	ID	1/3
		LQ02-1271	X	Imbalance Reporting Type (M) P, T, N, U	mark as must use	AN	1/30

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pending	LQ			(2nd occurrence)	[added to this level with our Invoicing DMR (dmr06)]		
		LQ01-1270	O	SET (new for this dmr)		ID	1/3
		LQ02-1271	X	Settlement Type (MA) YCO, NCO		AN	1/30
pending	LQ			(3rd occurrence)			
		LQ01 - 1270	O	AJT (new for this dmr)		ID	1/3
		LQ02 - 1271	X	Adjustment Type (C) AQC, LQC, ADC, AMC, FQC, SQC		AN	1/30
		AMT loop	>1				
2850	AMT		O/1				
		AMT01-522	M	J8 - ending balance		ID	1/3
		AMT02-782	M	Ending Imbalance Value (C)		R	1/18
		QTY loop	>1	(1st occurrence)			
2900	QTY	I	O/1				
		QTY01-673	M	A5 - adjusted quantity		ID	2/2
		QTY02-380	X	Adjustment Quantity (C)		R	1/15
		QTY loop	>1	(2nd occurrence)			
2900	QTY		O/1				
		QTY01-673	M	CB - closing statement balance		ID	2/2
		QTY02-380	X	Ending Imbalance Quantity (C)		R	1/15
		NM1 loop	>1				
3400	NM1		O/1		mark as must use		
		NM101 - 98	M	78 - Service Requester		ID	2/3
		NM102 - 1065	M	3 - Unknown		ID	1/1
		NM108 - 66	X	1	mark as must use	ID	1/2
		NM109 - 67	X	Service Requester (M)	mark as must use	AN	2/17 *
Sub-detail							
		HL loop	>1				
0100	HL		M/1				

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		HL01 - 628	M	sequential line item number		AN	1/12
		HL02 - 734	O	sequential line item number	This element contains the sequential line item number (HL01) of the Contract level loop (HL03 = 'IB') to which this detail loop is subordinate.	AN	1/12
		HL03 - 735	M	9 - Line Detail		ID	1/2
		IT1 loop	999999				
2100	IT1		O/1				
		IT101 - 350	O	assigned identification		AN	1/20
pending	LQ			(1st occurrence)	[approved with our Invoicing DMR]		
		LQ01 - 1270	O	CQ - Capacity Type Indicator	[approved with our 873 dmr]	ID	1/3
		LQ02 - 1271	X	Capacity Type Indicator (C)		AN	1/30
pending	LQ			(2nd occurrence)			
		LQ01 - 1270	O	XD - Export Declaration	[approved with our Invoicing DMR]	ID	1/3
		LQ02 - 1271	X	Export Declaration (MA)		AN	1/30
2600	REF		O/8	(3rd occurrence)			
		REF01 - 128	M	6K - Zone		ID	2/3
		REF02 - 127	X	Zone Identifier (SO)		AN	1/30
2600	REF		O/8	(4th occurrence)			
		REF01 - 128	M	BE - Business Activity		ID	2/3
		REF02 - 127	X	Service Provider's Activity Code (MA)		AN	1/30
2600	REF		O/8	(5th occurrence)			
		REF01 - 128	M	PKG - Package ID		ID	2/3
		REF02 - 127	X	Package ID (MA)		AN	1/30
		NM1 loop	>1	(1st occurrence)			
3400	NM1		O/1				
		NM101 - 98	M	US - Upstream		ID	2/3

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		NM102 - 1065	M	3 - Unknown		ID	1/1
		NM108 - 66	X	1		ID	1/2
		NM109 - 67	X	Upstream Identifier Code (C)		AN	2/17 *
pending	LCD		O/>1		[LCD new for this DMR]		
		LCD02 - 98	O	RZ - Receipt Zone		ID	2/3
		LCD05 - 66	X	ZN - Zone		ID	1/2
		LCD06 - 67	X	Receipt Zone (SO)		AN	2/17 *
pending	LCD		O/>1		[LCD new for this DMR]		
		LCD02 - 98	O	M2		ID	2/3
		LCD05 - 66	X	DR SV		ID	1/2
		LCD06 - 67	X	Receipt Location/Receipt Location Proprietary Code (C)		AN	2/17 *
pending	N9		O/>1		[N9 new for this DMR]		
		N901 - 128	M	UP - Upstream Shipper Contract		ID	2/3
		N902 - 127	X	Upstream Contract Identifier (C)		AN	1/30 *
		NM1 loop	>1	(2nd occurrence)			
3400	NM1		O/1				
		NM101 - 98	M	DW - Downstream		ID	2/3
		NM102 - 1065	M	3 - Unknown		ID	1/1
		NM108 - 66	X	1		ID	1/2
		NM109 - 67	X	Downstream Identifier Code (C)		AN	2/17 *
pending	LCD		O/>1		[LCD new for this DMR]		
		LCD02 - 98	O	DZ - Delivery Zone		ID	2/3
		LCD05 - 66	X	ZN - Zone		ID	1/2
		LCD06 - 67	X	Delivery Zone (SO)		AN	2/17 *
pending	LCD		O/>1		[LCD new for this DMR]		
		LCD02 - 98	O	MQ		ID	2/3
		LCD05 - 66	X	DR SV		ID	1/2

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		LCD06 - 67	X	Delivery Location/Delivery Location Proprietary Code (C)		AN	2/17 *
pending	N9		O/>1		[N9 new for this DMR]		
		N901 - 128	M	DT - Downstream Shipper Contract Number		ID	2/3
		N902 - 127	X	Downstream Contract Identifier (C)		AN	1/30 *
Sub-sub-detail							
		HL loop	>1				
0100	HL		M/1				
		HL01 - 628	M	sequential line item number		AN	1/12
		HL02 - 734	O	sequential line item number	This element contains the sequential line item number (HL01) of the Line Detail loop (HL03 = '9') to which this loop is subordinate.	AN	1/12
		HL03 - 735	M	IA - Sub-line Item		ID	1/2
		IT1 loop	999999				
2100	IT1		O/1				
		IT101 - 350	O	assigned identification (1st occurrence)		AN	1/20
pending	LQ				[approved with our Invoicing DMR]		
		LQ01 - 1270	O	EAR - Statement Basis	[new for this dmr]	ID	1/3
		LQ02 - 1271	X	Statement Basis (M)		AN	1/30
pending	LQ			(2nd occurrence)	[approved with our Invoicing DMR]		
		LQ01 - 1270	O	TT - Natural Gas Transaction Type	[approved with our 873]	ID	1/3
		LQ02 - 1271	X	Transaction Type (MA)		AN	1/30
2700	DTM		O/10				
		DTM01 - 374	M	472 - Service		ID	3/3

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		DTM05 - 1250	X	RD8 RDT	[note: we did not include D8 (which was in version 1.4) because all dates and times are mandatory]	ID	2/3
		DTM06 - 1251	X	Beginning Flow Date, Beginning Flow Time, Ending Flow Date, Ending Flow Time (M)		AN	1/35
		AMT loop	>1				
2850	AMT		O/1				
		AMT01 - 522	M	RJ - Rate Amount		ID	1/3
		AMT02 - 782	M	Bid Transportation Rate (C)		R	1/18
		QTY loop	>1	(1st occurrence)			
2900	QTY		O/1				
		QTY01 - 673	M	G1 - (new for this dmr)		ID	2/2
		QTY02 - 380	X	Scheduled Receipt Quantity (SO)		R	1/15
		QTY loop	>1	(2nd occurrence)			
2900	QTY		O/1				
		QTY01 - 673	M	G2 - (new for this dmr)		ID	2/2
		QTY02 - 380	X	Scheduled Delivery Quantity (SO)		R	1/15
		QTY loop	>1	(3rd occurrence)			
2900	QTY		O/1				
		QTY01 - 673	M	G3 - (new for this dmr)		ID	2/2
		QTY02 - 380	X	Operational Receipt Quantity (SO)		R	1/15
		QTY loop	>1	(4th occurrence)			
2900	QTY		O/1				
		QTY01 - 673	M	G4 - (new for this dmr)		ID	2/2
		QTY02 - 380	X	Operational Delivery Quantity (SO)		R	1/15
		QTY loop	>1	(5th occurrence)			
2900	QTY		O/1				
		QTY01 - 673	M	G5 - (new for this dmr)		ID	2/2

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		QTY02 - 380	X	Allocated Receipt Quantity (C)		R	1/15
		QTY loop	>1	(6th occurrence)			
2900	QTY		O/1				
		QTY01 - 673	M	G6 - (new for this dmr)		ID	2/2
		QTY02 - 380	X	Allocated Delivery Quantity (C)		R	1/15
		QTY loop	>1	(7th occurrence)			
2900	QTY		O/1				
		QTY01 - 673	M	R9 - Fuel		ID	2/2
		QTY02 - 380	X	Fuel Quantity (C)		R	1/15
		QTY loop	>1	(8th occurrence)			
2900	QTY		O/1				
		QTY01 - 673	M	LH - Lost Gas		ID	2/2
		QTY02 - 380	X	Supplemental Quantity - Lost/Unaccounted For Gas (C)		R	1/15
		QTY loop	>1	(9th occurrence)			
2900	QTY		O/1				
		QTY01 - 673	M	FF - Flare or Flash		ID	2/2
		QTY02 - 380	X	Supplemental Quantity - Flash Gas (C)		R	1/15
		QTY loop	>1	(10th occurrence)			
2900	QTY		O/1				
		QTY01 - 673	M	G7 - (new for this dmr)		ID	2/2
		QTY02 - 380	X	Supplemental Quantity - Plant Thermal Reduction (C)		R	1/15
		QTY loop	>1	(11th occurrence)			
2900	QTY		O/1				
		QTY01 - 673	M	H1 - (new for this dmr)		ID	2/2
		QTY02 - 380	X	Scheduling Tolerance Receipt Quantity (SO)		R	1/15
		QTY loop	>1	(12th occurrence)			
2900	QTY		O/1				
		QTY01 - 673	M	H2 - (new for this dmr)		ID	2/2

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		QTY02 - 380	X	Scheduling Tolerance Delivery Quantity (SO)		R	1/15
Summary							
0100	TDS		M/1				
		TDS01 - 361	M	0	For GISB, send zero.	N2	1/15
SE	SE		M/1				

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

New items pending from DISA for other documents that also affect this document:

DMR # ??
 Add LQ to IT1 loop position 2100
 Add LCD to IT1 loop position 2100

New items requested from DISA in conjunction with this document:

DMR # 09
 new code value and definition for data element 640

F6 - Shipper Imbalance
 F7 - Producer Imbalance

DMR # 10
 new code values and definitions for data element 1270 (linked to Code Source 293):

SET Settlement Type
 AJT Adjustment Type
 EAR Statement Basis
 IRT Imbalance Reporting Type

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DMR # 11

new N9 segment (position 3750) to be added to the NM1 loop at position 3400
usage optional, max use > 1

new LCD segment (position 3880) to be added to the NM1 loop at position 3400
usage optional, max use > 1

DMR # 12

new code values and definitions for data element 673

- G1 Scheduled Receipt Quantity
- G2 Scheduled Delivery Quantity
- G3 Operational Receipt Quantity
- G4 Operational Delivery Quantity
- G5 Allocated Receipt Quantity
- G6 Allocated Delivery Quantity
- G7 Plant Thermal Reduction Quantity
- H1 Scheduling Tolerance Receipt Quantity
- H2 Scheduling Tolerance Delivery Quantity