

## ANSI Compliant Storage Report (873 transaction) Working Document

Discussed at the following meetings:

03/27/2001  
 04/30/2001  
 05/18/2001  
 07/16/2001  
 09/17/2001  
 10/08/2001

mapped to ASC X12 873, version 4041

GISB Storage Report (2.4.10)

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	BGN		M/1				
		BGN01 - 353	M	00 – Original		ID	2/2
		BGN02 - 127	M	The number assigned by the storage report originator.		AN	1/50
		BGN03 - 373	M	The storage report issue date.		DT	8/8
		BGN07 - 640	O	F8 – Storage Report	mark as must use	ID	2/2
0400	DTM		O/1		For GISB, this segment is mandatory.		
		DTM01 - 374	M	102 – Issue		ID	3/3
		DTM05 - 1250	X	DT	mark as must use	ID	2/3
		DTM06 - 1251	X	Statement Date/Time (M)	mark as must use	AN	1/35
0400	DTM		O/1				
		DTM01 - 374	M	582 - Report Period		ID	3/3
		DTM05 - 1250	X	CM	mark as must use	ID	2/3
		DTM06 - 1251	X	Accounting Period (SO)	mark as must use	AN	1/35
		N1 loop	>1	(1 <sup>st</sup> occurrence)			
0500	N1		M/1				
		N101 - 98	M	78 - Service Requester		ID	2/3
		N103 - 66	X	1 - D-U-N-S Number	mark as must use	ID	1/2

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		N104 - 67	X	Service Requester ID (M)	mark as must use	AN	2/17 *
		<b>N1 loop</b>	<b>&gt;1</b>	<b>(2<sup>nd</sup> occurrence)</b>			
0500	N1		M/1				
		N101 - 98	M	SJ - Service Provider		ID	2/3
		N103 - 66	X	1 - D-U-N-S Number	mark as must use	ID	1/2
		N104 - 67	X	Transportation Service Provider (M)	mark as must use	AN	2/17 *
0900	PER		O/3		For GISB this segment is mandatory and may only be used in the N1 loop for the Transportation Service Provider (N101 = 'SJ').		
		PER01 - 366	M	IC		ID	2/2
		PER02 - 93	O	Contact Person (Name) (M)	mark as must use	AN	1/35 *
		PER03 - 365	X	TE	mark as must use	ID	2/2
		PER04 - 364	X	Contact Person (Phone) (M)	mark as must use	AN	1/80 *
		<b>N1 loop</b>	<b>&gt;1</b>	<b>(3<sup>rd</sup> occurrence)</b>			
0500	N1		M/1				
		N101 - 98	M	41 - Submitter		ID	2/3
		N103 - 66	X	1 - D-U-N-S Number	mark as must use	ID	1/2
		N104 - 67	X	Preparer ID (C)	mark as must use	AN	2/17 *
<b>Detail:</b>							
		<b>DTM loop</b>	<b>&gt;1</b>				
0100	DTM		M/1				
		DTM01 - 374	M	405 - Production (code value note - used to identify dates and times that operations or processes were performed)		ID	3/3
		DTM05 - 1250	X	RDT - Date/Time to Date/Time	mark as must use	ID	2/3
		DTM06 - 1251	X	Beginning Flow Date (M), Beginning Flow Time (M), Ending Flow Date (M), Ending Flow Time (M)	mark as must use	AN	1/35

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0200	N9		O/>1		For GISB, this segment is sender's option.		
		N901 - 128	M	AFT - Fee Schedule Identifier		ID	2/3
		N902 - 127	X	Storage Rate Schedule (SO)	mark as must use	AN	1/30*
0300	LQ		O/>1		For GISB, this segment is mandatory.		
		LQ01-1270	O	SRT - Storage Report Type	mark as must use	ID	1/3
		LQ02-1271	X	Report Type (M) RTA Activity RTB Balance	mark as must use	AN	1/30
0400	LCD		O/1		For GISB, this segment is conditional.		
		LCD02 - 98	O	LCN - Gas Nomination Location	mark as must use	ID	2/3
		LCD05 - 66	X	DR - GISB DRN SV - Service Provider Number	mark as must use [use same element and code value notes as in SQOP]	ID	1/2
		LCD06 - 67	X	Location Code/Location Proprietary Code (C)	mark as must use	AN	2/17 *
0470	QTY		O/1	(1 <sup>st</sup> occurrence)	For GISB, this segment is conditional.		
		QTY01 - 673	M	J0 - Ending Storage Balance		ID	2/2
		QTY02 - 380	X	Ending Storage Balance (C)	mark as must use	R	1/15
		QTY03 - 355	O	BZ, G8, GV	mark as must use	ID	2/2
0470	QTY		O/1	(2 <sup>nd</sup> occurrence)			
		QTY01 - 673	M	J1 - Location Ending Storage Balance		ID	2/2
		QTY02 - 380	X	Location Ending Storage Balance (C)	mark as must use	R	1/15
		QTY03 - 355	O	BZ, G8, GV	mark as must use	ID	2/2
0470	QTY		O/1	(3 <sup>rd</sup> occurrence)			
		QTY01 - 673	M	J2 - Location Ending Storage Balance - Firm		ID	2/2
		QTY02 - 380	X	Location Ending Storage Balance - Firm (C)	mark as must use	R	1/15

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		QTY03 - 355	O	BZ, G8, GV	mark as must use	ID	2/2
0470	QTY		O/1	(4 <sup>th</sup> occurrence)			
		QTY01 - 673	M	J3 - Location Ending Storage Balance - Interruptible		ID	2/2
		QTY02 - 380	X	Location Ending Storage Balance - Interruptible (C)	mark as must use	R	1/15
		QTY03 - 355	O	BZ, G8, GV	mark as must use	ID	2/2
0470	QTY		O/1	(5 <sup>th</sup> occurrence)			
		QTY01 - 673	M	J4 - Maximum Available Daily Injection Quantity		ID	2/2
		QTY02 - 380	X	Maximum Available Daily Injection Quantity (SO)	mark as must use	R	1/15
		QTY03 - 355	O	BZ, G8, GV	mark as must use	ID	2/2
0470	QTY		O/1	(6 <sup>th</sup> occurrence)			
		QTY01 - 673	M	J5 - Maximum Available Daily Withdrawal Quantity		ID	2/2
		QTY02 - 380	X	Maximum Available Daily Withdrawal Quantity (SO)	mark as must use	R	1/15
		QTY03 - 355	O	BZ, G8, GV	mark as must use	ID	2/2
0470	QTY		O/1	(7 <sup>th</sup> occurrence)			
		QTY01 - 673	M	J6 - Minimum Required Daily Injection Quantity		ID	2/2
		QTY02 - 380	X	Minimum Required Daily Injection Quantity (SO)	mark as must use	R	1/15
		QTY03 - 355	O	BZ, G8, GV	mark as must use	ID	2/2
0470	QTY		O/1	(8 <sup>th</sup> occurrence)			
		QTY01 - 673	M	J7 - Minimum Required Daily Withdrawal Quantity		ID	2/2
		QTY02 - 380	X	Minimum Required Daily Withdrawal Quantity (SO)	mark as must use	R	1/15
		QTY03 - 355	X	BZ, G8, GV	mark as must use	ID	2/2
		CS loop	1				
0500	CS		O/1		For GISB, this segment is mandatory.		

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		CS01 - 367	O	Service Requester Contract (M)	mark as must use	AN	1/30
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**Sub-detail:**

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 *
		SLN loop	>1				
0700	SLN		M/1		For GISB, this segment is conditional.		
		SLN01 - 350	M	This identifier may be assigned by the translator.		AN	1/11 *
		SLN03 - 662	M	I – Included		ID	1/1
0800	LQ		O/>1	(1 <sup>st</sup> occurrence)	For GISB, this segment is conditional.		
		LQ01-1270	O	TT - Natural Gas Transaction Type	mark as must use	ID	1/3
		LQ02-1271	X	Transaction Type (C)	mark as must use	AN	1/30
0800	LQ		M/>1	(2 <sup>nd</sup> occurrence)			
		LQ01-1270	O	SMB – Statement Basis	mark as must use	ID	1/3
		LQ02-1271	X	Statements Basis (SO)	mark as must use	AN	1/30
0900	N9		O/>1		For GISB, this segment is mutually agreed.		
		N901 - 128	M	KAS - Associated Contract		ID	2/3
		N902 - 127	X	Associated Contract (MA)	mark as must use	AN	1/30 *
1000	QTY		O/>1	(1 <sup>st</sup> occurrence)	For GISB, this segment is conditional.		
		QTY01 - 673	M	FL - Units		ID	2/2
		QTY02 - 380	X	Quantity (C)	mark as must use	R	1/15
		QTY03 - 355	O	BZ, G8, GV	mark as must use	ID	2/2
1000	QTY		O/>1	(2 <sup>nd</sup> occurrence)			
		QTY01 - 673	M	R9 – Fuel		ID	2/2
		QTY02 - 380	X	Fuel Quantity (SO)	mark as must use	R	1/15
		QTY03 - 355	O	BZ, G8, GV	mark as must use	ID	2/2
1600	SE		M/1				

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

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New items requested from DISA in conjunction with this document (after the 873 and associated code values were approved):

DMR #30:

Add code value F8 (Storage Report) to DE 640

DMR #31

Add code value SRT (Storage Report Type) to DE 1270

DMR #32

Increase the MAX of the Table 2, QTY segment (position 0470) from max use of 1 to max use of >1.

Add the following code values to DE 673, Quantity Qualifier:

- J0 Ending Storage Balance
- J1 Location Ending Storage Balance
- J2 Location Ending Storage Balance – Firm
- J3 Location Ending Storage Balance – Interruptible
- J4 Maximum Available Daily Injection Quantity
- J5 Maximum Available Daily Withdrawal Quantity
- J6 Minimum Required Daily Injection Quantity
- J7 Minimum Required Daily Withdrawal Quantity

DMR #33

Increase the MAX of the Table 1 DTM segment (position 0400) from max use of 1 to max use of >1.

DMR #34

Modify Req. Des. of Table 2 SLN segment (position 0700) from M to O. Modify Req. Des. of Table 2 LQ segment (position 0800) from M to O.