

## 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

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	assigned identifier		AN	1/50
		BGN03 - 373	M	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
		<b>N1 loop</b>	<b>&gt;1</b>	<b>(1<sup>st</sup> occurrence)</b>			
0500	N1		M/1		For GISB, this segment is mandatory.		
		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
		N104 - 67	X	Service Requester ID (M)	mark as must use	AN	2/17 *

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		<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 muse 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 *

**Detail:**

		<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 Information RTB Balance Information	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 *
		<b>SLN loop</b>	<b>&gt;1</b>				
0700	SLN		M/1				
		SLN01 - 350	M	Assigned identification		AN	1/11 *
		SLN03 - 662	M	I – Included		ID	1/1
0800	LQ		O/>1	(1 <sup>st</sup> occurrence)			
		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	??? – 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	J8 – Product Quantity		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)	For GISB, this segment is conditional.		
		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

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

DMR #30:

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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
- J8 Product 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.