

X12 Compliant Transactional Reporting Working Document

Discussed at the following meetings:

12/10/2002
 01/24/2002
 11/12/2003
 12/08/2003
 01/15/2004

version 4060

NAESB Transactional Reporting (includes Firm, Capacity Release, and Interruptible Transactional Reporting)

Position	Segment	Element	ANSI req des / max use	Literal contents or NAESB data element name (and usage)	NAESB segment/element note [or other comments]	ANSI data type	NAESB 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 transactional reporting originator.		AN	1/50
		BGN03 - 373	M	The transactional reporting issue date.		DT	8/8
		BGN07 - 640	O	Z7 – Firm Transactional Reporting Z8 – Interruptible Transactional Reporting Z9 – Capacity Release Transactional Reporting	mark as must use	ID	2/2
0300	REF		O/>1		[Currently, not used for NAESB.]		
0400	LQ		O/>1		FT,IT,CR-For NAESB, this segment is mandatory.		
		LQ01 - 1270	O	AMR – Amendment Reporting	mark as must use	ID	1/3
		LQ02 - 1271	X	Amendment Reporting (M-FT, IT, CR) A – All Data C – Changes Only	FT, IT, CR-mark as must use	AN	1/30

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Position	Segment	Element	ANSI req des / max use	Literal contents or NAESB data element name (and usage)	NAESB segment/element note [or other comments]	ANSI data type	NAESB Min/ Max *
0500	DTM		O/>1		[Used in IT only] IT – For NAESB, this segment is mandatory.		
		DTM01 - 374	M	809 – Posted		ID	3/3
		DTM05 - 1250	X	DT – CCYYMMDDHHMM	IT-mark as must use	ID	2/3
		DTM06 - 1251	X	Posting Date, Posting Time (M-IT)	IT-mark as must use	AN	1/35
		N1 loop	>1				
0600	N1		M/1				
		N101 - 98	M	SJ - Service Provider		ID	2/3
		N103 - 66	X	1 – D-U-N-S Number SV – Service Provider Number	mark as must use	ID	1/2
		N104 - 67	X	Transportation Service Provider/ Transportation Service Provider Proprietary Code (M-FT, IT, CR)	mark as must use	AN	2/17 *
0700	N3		O/2		[Currently, not used for NAESB.]		
0800	N4		O/1		[Currently, not used for NAESB.]		
0900	REF		O/>1		[Currently, not used for NAESB.]		
1000	PER		O/3		[Currently,]not used for NAESB.		
Detail:							
		HL Loop	>1				
0100	HL		M/1				
		HL01 - 623	M	sequential line item number		AN	1/12
		HL03 - 735	M	CH-Contractholder		ID	1/2
0200	CS		O/1		FT, CR-For NAESB, this segment is mandatory. IT-For NAESB, this segment is sender's option.		
		CS01 - 367	O	Service Requester Contract (M-FT, CR, SO-IT)	mark as must use	AN	1/30

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Position	Segment	Element	ANSI req des / max use	Literal contents or NAESB data element name (and usage)	NAESB segment/element note [or other comments]	ANSI data type	NAESB Min/ Max *
		CS04 - 128	M	RKN – Releaser Contract Number		ID	2/3
		CS05 - 127	X	Release Contract Number (M-CR)	mark as must use	AN	1/30*
0300	DTM		O/>1	(1 st occurrence)	FT, CR-For NAESB, this segment is conditional.		
		DTM01 - 374	M	581 – Contract Period		ID	3/3
		DTM05 - 1250	X	RD8 – Range of CCYYMMDD-CCYYMMDD	mark as must use	ID	2/3
		DTM06 - 1251	X	Contract Begin Date (C-FT, CR), Contract End Date (C-FT, CR)	mark as must use	AN	1/35
0300	DTM		O/>1	(2 nd occurrence)	FT, CR-For NAESB, this segment is sender's option.		
		DTM01 - 374	M	SNL – Seasonal Period		ID	3/3
		DTM05 - 1250	X	RD8 – Range of CCYYMMDD-CCYYMMDD	mark as must use	ID	2/3
		DTM06 - 1251	X	Seasonal Start Date (SO-FT, CR), Seasonal End Date (C-FT, CR)	mark as must use	AN	1/35
0400	N9		O/>1	(1 st occurrence)	FT, IT, CR-For NAESB, this segment is sender's option.		
		N901 - 128	M	RSC – Rate Schedule		ID	2/3
		N902 - 127	X	Rate Schedule (SO-FT, IT, CR)	mark as must use	AN	1/30*
0400	N9		O/>1	(2 nd occurrence)	CR-For NAESB, this segment is sender's option.		
		N901 - 128	M	OFF – Offer Identifier		ID	2/3
		N902 - 127	X	Offer Number (SO-CR)	mark as must use	AN	1/30*
0500	LQ		O/>1	(1 st occurrence)	FT, IT, CR-For NAESB, this segment is conditional.		
		LQ01 - 1270	O	AFI – Affiliate Indicator	mark as must use	ID	1/3

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Position	Segment	Element	ANSI req des / max use	Literal contents or NAESB data element name (and usage)	NAESB segment/element note [or other comments]	ANSI data type	NAESB Min/ Max *
		LQ02 - 1271	X	Affiliate Indicator (C-FT, IT, CR) BOTH – Both (CR) NONE – None (CR, FT, IT) RS – RS (CR) TSP – TSP (CR, FT, IT)	mark as must use	AN	1/30
0500	LQ		O/>1	(2 nd occurrence)	CR-For NAESB, this segment is conditional.		
		LQ01 - 1270	O	BDB – Bidder Designation of Bidding Basis	mark as must use	ID	1/3
		LQ02 - 1271	X	Bidder Designation of Bidding Basis (C-CR) A – Absolute Dollars & Cents... P – Percentage of Maximum...	mark as must use	AN	1/30
0500	LQ		O/>1	(3 rd occurrence)	FT, CR-For NAESB, this segment is conditional.		
		LQ01 - 1270	O	RFT – Rate Form/Type Code	mark as must use	ID	1/3
		LQ02 - 1271	X	Rate Form/Type Code (C-FT, CR) 1 – Reservation charge only 2 – Volumetric charge only 3 – Blended Rate...	mark as must use	AN	1/30
0500	LQ		O/>1	(4 th occurrence)	FT, IT, CR-For NAESB, this segment is conditional..		
		LQ01 - 1270	O	RRL – Rate Reporting Level	mark as must use	ID	1/3
		LQ02 - 1271	X	Rate Reporting Level (C-FT, IT, CR) K – Contract P – Point S – Segment	mark as must use	AN	1/30
0500	LQ		O/>1	(5 th occurrence)	FT, CR-For NAESB, this segment is conditional.		
		LQ01 - 1270	O	RRB – Reservation Rate Basis	mark as must use	ID	1/3

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Position	Segment	Element	ANSI req des / max use	Literal contents or NAESB data element name (and usage)	NAESB segment/element note [or other comments]	ANSI data type	NAESB Min/ Max *
		LQ02 - 1271	X	Reservation Rate Basis (C-FT, CR) DA – Per day MO – Per month YR – Per year SN – Seasonal SV – Service unit (for storage)	mark as must use	AN	1/30
0600	QTY		O/>1	(1 st occurrence)	FT, CR-For NAESB, this segment is conditional.		
		QTY01 - 673	M	CQ – Contractual Quantity	mark as must use	ID	2/2
		QTY02 - 380	X	Contractual Quantity – Contract (C-FT, CR)	mark as must use	R	1/15
		QTY03 - 355	O	BZ – Million BTUs G8 – Gigacalories GV – Gigajoules	mark as must use	ID	2/2
0600	QTY		O/>1	(2 nd occurrence)	IT-For NAESB, this segment is sender's option.		
		QTY01 - 673	M	IR – Interruptible Quantity	mark as must use	ID	2/2
		QTY02 - 380	X	Interruptible Quantity – Contract	mark as must use	R	1/15
		QTY03 - 355	O	BZ – Million BTUs G8 – Gigacalories GV – Gigajoules	mark as must use	ID	2/2
0700	MSG		O/>1		FT, IT, CR-For NAESB, this segment is sender's option.		
		MSG01 - 933	M	Special Terms & Miscellaneous Notes		AN	1/264
		N1 Loop	>1				
0800	N1		O/1	(1 st occurrence)	FT, IT, CR-For NAESB, this segment is conditional.		
		N101 - 98	M	C9 – Contract Holder	mark as must use	ID	2/3
		N102 - 93	X	Contract Holder Name (C-FT, IT, CR)	mark as must use	AN	1/60

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Position	Segment	Element	ANSI req des / max use	Literal contents or NAESB data element name (and usage)	NAESB segment/element note [or other comments]	ANSI data type	NAESB Min/ Max *
		N103 - 66	X	1 – D-U-N-S Number SV – Service Provider Number	mark as must use	ID	1/2
		N104 - 67	X	Contract Holder/Contract Holder Proprietary Code (C-FT, IT, CR)	mark as must use	AN	2/17*
0900	N3		O/2		[Currently, not used for NAESB.]		
1000	N4		O/1		[Currently, not used for NAESB.]		
1100	REF		O/>1		[Currently, not used for NAESB.]		
1200	PER		O/3		[Currently, not used for NAESB.]		
		N1 Loop	>1				
0800	N1		O/1	(2 nd occurrence)	CR-For NAESB, this segment is conditional.		
		N101 - 98	M	RCC – Releaser Company Code	mark as must use	ID	2/3
		N102 - 93	X	Releaser Company Name (C- CR)	mark as must use	AN	1/60
		N103 - 66	X	1 – D-U-N-S Number SV – Service Provider Number	mark as must use	ID	1/2
		N104 - 67	X	Releaser Company Code/ Releaser Company Proprietary Code (C-CR)	mark as must use	AN	2/17*
0900	N3		O/2		[Currently, not used for NAESB.]		
1000	N4		O/1		[Currently, not used for NAESB.]		
1100	REF		O/>1		[Currently, not used for NAESB.]		
1200	PER		O/3		[Currently, not used for NAESB.]		
Sub-detail:							
		HL Loop	>1				
1300	HL		M/1				
		HL01 - 623	M	sequential line item number		AN	1/12

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Position	Segment	Element	ANSI req des / max use	Literal contents or NAESB data element name (and usage)	NAESB segment/element note [or other comments]	ANSI data type	NAESB Min/ Max *
		HL02 - 734	O	This element contains the sequential line item number (HL01) of the Contractholder level loop (HL03 = 'CH') to which this sub-detail loop is subordinate.	mark as must use	AN	1/12
		HL03 - 735	M	8-Charge Detail			
1400	DTM		O/>1	(1 st occurrence)	FT, CR-For NAESB, this segment is mandatory.		
		DTM01 - 374	M	472 – Service		ID	3/3
		DTM05 - 1250	X	RD8 – Range of CCYYMMDD-CCYYMMDD RDT – Range of CCYYMMDDHHMM-CCYYMMDDHHMM	mark as must use	ID	2/3
		DTM06 - 1251	X	Contract Entitlement Begin Date, Contract Entitlement End Date, Contract Entitlement Begin Time, Contract Entitlement End Time (M-FT, CR)	mark as must use	AN	1/35
1400	DTM		O/>1	(2 nd occurrence)	FT, CR-For NAESB, this segment is mandatory.		
		DTM01 - 374	M	809-Posted		ID	3/3
		DTM05 - 1250	X	DT-Date and Time Expressed in Format CCYYMMDDHHMM	mark as must use	ID	2/3
		DTM06 - 1251	X	Posting Date, Posting Time (M-FT, CR)	mark as must use	AN	1/35
1500	LQ		O/>1	(1 st occurrence)	FT, IT, CR-For NAESB, this segment is mandatory.		
		LQ01 - 1270	O	KST – Contract Status	mark as must use	ID	1/3
		LQ02 - 1271	X	Contract Status (M-FT, IT, CR) A – Amended N – New	mark as must use	AN	1/30

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Position	Segment	Element	ANSI req des / max use	Literal contents or NAESB data element name (and usage)	NAESB segment/element note [or other comments]	ANSI data type	NAESB Min/ Max *
1500	LQ		O/>1	(2 nd occurrence)	FT, IT, CR-For NAESB, this segment is conditional.		
		LQ01 - 1270	O	LQT – Location/Quantity Type Indicator	mark as must use	ID	1/3
		LQ02 - 1271	X	Location/Quantity Type Indicator (C-FT, IT, CR) See code values dictionary.	mark as must use	AN	1/30
1500	LQ		O/>1	(3 rd occurrence)	FT, IT, CR-For NAESB, this segment is conditional.		
		LQ01 - 1270	O	MRR – Maximum Tariff Rate Reference	mark as must use	ID	1/3
		LQ02 - 1271	X	Maximum Tariff Rate Reference (C-FT, IT, CR) M – Matrix T – Tariff	mark as must use	AN	1/30
1500	LQ		O/>1	(4 th occurrence)	FT-For NAESB, this segment is conditional.		
		LQ01 - 1270	O	NRI – Negotiated Rate Indicator	mark as must use	ID	1/3
		LQ02 - 1271	X	Negotiated Rate Indicator (C-FT) N – No Y – Yes	mark as must use	AN	1/30
1500	LQ		O/>1	(5 th occurrence)	FT, IT-For NAESB, this segment is conditional.		
		LQ01 - 1270	O	RCR – Rate Charged Reference	mark as must use	ID	1/3
		LQ02 - 1271	X	Rate Charged Reference (C-FT, IT) MAT – Matrix (IT) MAX – Maximum Rate... (FT, IT) MIN – Minimum Rate... (FT, IT) SPT – Special Terms... (FT, IT) TAR – Tariff (FT, IT)	mark as must use	AN	1/30

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Position	Segment	Element	ANSI req des / max use	Literal contents or NAESB data element name (and usage)	NAESB segment/element note [or other comments]	ANSI data type	NAESB Min/ Max *
1500	LQ		O/>1	(6 th occurrence)	FT, IT, CR-For NAESB, this segment is conditional.		
		LQ01 - 1270	O	ICR – Rate Identification Code	mark as must use	ID	1/3
		LQ02 - 1271	X	Rate Identification Code (C-FT, IT, CR) See code values dictionary.	mark as must use	AN	1/30
1500	LQ		O/>1	(7 th occurrence)	FT, IT, CR-For NAESB, this segment is conditional.		
		LQ01 - 1270	O	ICS – Surcharge Identification Code	mark as must use	ID	1/3
		LQ02 - 1271	X	Rate Identification Code (C-FT, IT, CR) See code values dictionary.	mark as must use	AN	1/30
1500	LQ		O/>1	(8 th occurrence)	FT, IT, CR-For NAESB, this segment is conditional.		
		LQ01 - 1270	O	SUR – Surcharge Indicator	mark as must use	ID	1/3
		LQ02 - 1271	X	Surcharge Indicator (C-FT, IT, CR) See code values dictionary.	mark as must use	AN	1/30
1600	RPA		O/>1	(1 st occurrence)	FT, IT, CR-For NAESB, this segment is conditional.		
		RPA01 - 562	M	MT – Maximum Tariff		ID	1/2
		RPA03 - 118	X	Maximum Tariff Rate (C-FT, IT, CR)	mark as must use	R	1/9
1600	RPA		O/>1	(2 nd occurrence)	FT, IT, CR-For NAESB, this segment is conditional.		
		RPA01 - 562	M	AC – Actual		ID	1/2
		RPA03 - 118	X	Rate Charged (C-FT, IT, CR)	mark as must use	R	1/9

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Position	Segment	Element	ANSI req des / max use	Literal contents or NAESB data element name (and usage)	NAESB segment/element note [or other comments]	ANSI data type	NAESB Min/ Max *
1600	RPA		O/>1	(3 rd occurrence)	FT, IT, CR-For NAESB, this segment is conditional.		
		RPA01 - 562	M	ST – Surcharge Total		ID	1/2
		RPA03 - 118	X	Total Surcharges (C-FT, IT, CR)	mark as must use	R	1/9
Sub-sub-detail:							
		HL Loop	>1				
1700	HL		M/1				
		HL01 - 623	M	sequential line item number		AN	1/12
		HL02 - 734	O	This element contains the sequential line item number (HL01) of the Charge level loop (HL03 = '8') to which this sub-sub-detail loop is subordinate.	mark as must use	AN	1/12
		HL03 - 735	M	34-Location Record			
1800	QTY		O/>1	(1 st occurrence)	FT, CR-For NAESB, this segment is conditional.		
		QTY01 - 673	M	CQ – Contractual Quantity	mark as must use	ID	2/2
		QTY02 - 380	X	Contractual Quantity – Location (C-FT, CR)	mark as must use	R	1/15
		QTY03 - 355	O	BZ – Million BTUs G8 – Gigacalories GV – Gigajoules	mark as must use	ID	2/2
1800	QTY		O/>1	(2 nd occurrence)	IT-For NAESB, this segment is sender's option.		
		QTY01 - 673	M	IR – Interruptible Quantity	mark as must use	ID	2/2
		QTY02 - 380	X	Interruptible Quantity – Location	mark as must use	R	1/15
		QTY03 - 355	O	BZ – Million BTUs G8 – Gigacalories GV – Gigajoules	mark as must use	ID	2/2

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Position	Segment	Element	ANSI req des / max use	Literal contents or NAESB data element name (and usage)	NAESB segment/element note [or other comments]	ANSI data type	NAESB Min/ Max *
1900	LCD		O/>1		FT, IT, CT-For NAESB, this segment is conditional.		
		LCD02 - 98	O	Location Purpose IJ-Injection Point MV-Mainline WR-Withdrawal Point SB-Storage 7S-Pipeline Segment (defined by one location) M2-Receipt Location MQ-Delivery Location PS2-Pipeline Segment (defined by two locations-2 nd location)	mark as must use	ID	2/3
		LCD05 - 66	X	29-DRN 95-Assigned by Transporter ZY-Temporary	mark as must use	ID	1/2
		LCD06 - 67	X	Location/Location Proprietary Code (C-FT, IT, CR)	mark as must use	AN	2/17*
2000	N2		O/1		FT, IT, CR-For NAESB, this segment is conditional.		
		N201 - 93	M	Location Name (C-FT, IT, CR)		AN	1/60
2100	N4		O/1		FT, IT, CR-For NAESB, this segment is conditional.		
		N405 - 309	X	ZN-Zone Code	mark as must use	ID	1/2
		N406 - 310	O	Location Zone (C-FT, IT, CR)	mark as must use	AN	1/30
2200	REF		O/>1		[Currently, not used for NAESB.]		
2300	SE		M/1				

* NAESB Min/Max column will contain an * when the NAESB 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):

Add code values Z7 (Firm Transactional Reporting), Z8 (Interruptible Transactional Reporting), Z9 (Capacity Release Transactional Reporting) to DE 640.

Add code value AMR (Amendment Reporting) to DE 1270. Link to Code Source 293.

Add code value SNL (Seasonal Period) to DE 374.

Add code value AFI (Affiliate Indicator) to DE 1270. Link to Code Source 293.

Add code value BDB (Bidder Designation of Bidding Basis) to DE 1270. Link to Code Source 293.

Add code value RFT (Rate Form/Type Code) to DE 1270. Link to Code Source 293.

Add code value RRL (Rate Reporting Level) to DE 1270. Link to Code Source 293.

Add code value RRB (Reservation Rate Basis) to DE 1270. Link to Code Source 293.

Add code value KST (Contract Status) to DE 1270. Link to Code Source 293.

Add code value LQT (Location/Quantity Type Indicator) to DE 1270. Link to Code Source 293.

Add code value MRR (Maximum Tariff Rate Reference) to DE 1270. Link to Code Source 293.

Add code value NRI (Negotiated Rate Indicator) to DE 1270. Link to Code Source 293.

Add code value RCR (Rate Charged Reference) to DE 1270. Link to Code Source 293.

Add code value ICR (Rate Identification Code) to DE 1270. Link to Code Source 293.

Add code value ICS (Surcharge Identification Code) to DE 1270. Link to Code Source 293.

Add code value SUR (Surcharge Indicator) to DE 1270. Link to Code Source 293.

Add code value RSC (Rate Schedule) to DE 128.

Add code value CQ (Contractual Quantity) to DE 673.

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Add code value IR (Interruptible Quantity) to DE 673.

Add code value RCC (Releaser Company Code) to DE 98.

Add code value MT (Maximum Tariff) to DE 562.

Add code value ST (Surcharge Total) to DE 562.

Add code value PS2 (Pipeline Segment-Second Location) to DE 98.