Message Implementation Guideline

STORE/DC 4010 864 EDI GUIDELINE

based on

864
Text Message

X12 004010

Version: 1.2
Issue date: 1/17/2023
Author: TSC

1 Message Structure 4
3 Segments 5

Generated by GEFEG.FX

TSC CONTACTS AND SUMMARY

Contact Information

TSC Store Support Center
5401 Virginia Way
Brentwood, TN 37027
USA

ISSUES / QUESTIONS	CONTACT
EDI Team	edicoordinator@tractorsupply.com
DropShipMC	dropshipmc@tractorsupply.com
Accounts Payable	AskAP@tractorsupply.com
Vendor Compliance	tsccompliance@tractorsupply.com

EDI Information

Standard: ANSI X12
Version: 004010
Test EDI Qualifier: 08
Test EDI ID DTC: 6120930011
Test EDI ID SDC: 6120930015
ISA15: T

Production EDI Qualifier: 08
Production EDI ID DTC: 6120930010
Production EDI ID SDC: 6120930014
ISA15: P

Terminator and Separators

Segment Terminator: ~ (tilde)
Element Separator: * (asterisk)
Sub-Element Separator: > (greater than sign)
Repeating element: ^ (carrot)

997 Acknowledgements

It is the Vendor's responsibility to check their 997 reports for failed documents periodically throughout the day.

Duplicate PO Check

It is the Vendor's responsibility to ensure that Duplicate PO check is turned on. TSC is not responsible for duplicate POs. **Do not ship Duplicate POs**.

EDI X12 Testing It is the Vendor's responsibility to pre-test the mapping before testing with TSC. TSC expects the test data to comply with the TSC EDI X12 specification.

Generated by GEFEG.FX

Generated by GEFEG.FX

Structure / Table of Contents

Counter	No	Tag	St	MaxOcc	Level	Content
0000	1	**ISA**	M	1	0	Interchange Control Header
0000	2	**GS**	C	1	0	Functional Group Header
0010	3	**ST**	M	1	0	Transaction Set Header
0020	4	**BMG**	M	1	0	Beginning Segment For Text Message
0030	5	**DTM**	O	10	1	Date/Time Reference
0040		**N1**	O	200	1	N1-REF
0040	6	**N1**	M	1	1	Name
0080	7	**REF**	O	12	2	Reference Identification
0010		**MIT**	M	>1	1	MIT-MSG
0010	8	**MIT**	M	1	1	Message Identification
0080	9	**MSG**	M	100000	2	Message Text
0010	10	**SE**	M	1	0	Transaction Set Trailer
0000	11	**GE**	C	1	0	Functional Group Trailer
0000	12	**IEA**	M	1	0	Interchange Control Trailer

Counter = Counter of segment/group within the standard
No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group

St = Status (M=Mandatory, R=Required, C=Conditional, O=Optional, F=Floating, D=Dependent, A=Advised, S=Situational, X=Not used, N=Not recommended)

Generated by GEFEG.FX

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0000	1	**ISA**	M	1	0	**Interchange Control Header**

Standard			Implementation		
Ref.	Tag	Name	St	Format	Usage / Remark
ISA 01	I01	Authorization Information Qualifier	M	ID 2/2	
ISA 02	I02	Authorization Information	M	AN 10/10	
ISA 03	I03	Security Information Qualifier	M	ID 2/2	
ISA 04	I04	Security Information	M	AN 10/10	
ISA 05	I05	Interchange ID Qualifier	M	ID 2/2	
ISA 06	I06	Interchange Sender ID	M	AN 15/15	
ISA 07	I05	Interchange ID Qualifier	M	ID 2/2	
ISA 08	I07	Interchange Receiver ID	M	AN 15/15	
ISA 09	I08	Interchange Date	M	DT 6/6	
ISA 10	I09	Interchange Time	M	TM 4/4	
ISA 11	I10	Interchange Control Standards Identifier	M	ID 1/1	
ISA 12	I11	Interchange Control Version Number	M	ID 5/5	
ISA 13	I12	Interchange Control Number	M	N0 9/9	
ISA 14	I13	Acknowledgment Requested	M	ID 1/1	
ISA 15	I14	Usage Indicator	M	ID 1/1	
ISA 16	I15	Component Element Separator	M	AN 1/1	

Remark:

Example:

```
ISA*00*          *00*          *01*XXXXXXXXXXXXXXX*01*XXXXXXXXXXXXXXX*180430*0957*U*00401*999999999*0*
P*:
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional, O=Optional, F=Floating, D=Dependent, A=Advised, S=Situational, X=Not used, N=Not recommended)

Counter	No	Tag	St	MaxOcc	Level	Name
0000	2	**GS**	C	1	0	**Functional Group Header**

Standard			Implementation		
Ref.	Tag	Name	St	Format	Usage / Remark
GS 01	479	Functional Identifier Code	M	ID 2/2	
GS 02	142	Application Sender's Code	M	AN 2/15	
GS 03	124	Application Receiver's Code	M	AN 2/15	
GS 04	373	Date	M	DT 8/8	
GS 05	337	Time	M	TM 4/8	
GS 06	28	Group Control Number	M	N0 1/9	
GS 07	455	Responsible Agency Code	M	ID 1/2	
GS 08	480	Version / Release / Industry Identifier Code	M	AN 1/12	

Remark:

Example:

```
GS*TX*XX*XX*20180430*0957*1*X*004010!
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional, O=Optional, F=Floating, D=Dependent, A=Advised, S=Situational, X=Not used, N=Not recommended)

Generated by GEFEG.FX

Counter	No	Tag	St	MaxOcc	Level	Name
0010	3	**ST**	M	1	0	**Transaction Set Header**

Standard			Implementation		
Ref.	Tag	Name	St	Format	Usage / Remark
ST 01	143	Transaction Set Identifier Code	M	ID 3/3	
ST 02	329	Transaction Set Control Number	M	AN 4/9	

Remark:

Example:
```
ST*864*XXXX!
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional, O=Optional, F=Floating, D=Dependent, A=Advised, S=Situational, X=Not used, N=Not recommended)

Counter	No	Tag	St	MaxOcc	Level	Name
0020	4	**BMG**	M	1	0	**Beginning Segment For Text Message**

Standard			Implementation		
Ref.	Tag	Name	St	Format	Usage / Remark
BMG 01	353	Transaction Set Purpose Code	M	ID 2/2	**00 Original**
BMG 02	352	Description	O	AN 1/80	
BMG 03	640	Transaction Type Code	O	ID 2/2	**15 Request with Immediate Response Required (No Follow-up)** **DG Response** **RP Reporting**

Remark:

Example:

```
BMG*00*X*15!
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional, O=Optional, F=Floating, D=Dependent, A=Advised, S=Situational, X=Not used, N=Not recommended)

Generated by GEFEG.FX

Counter	No	Tag	St	MaxOcc	Level	Name
0030	5	**DTM**	O	10	1	**Date/Time Reference**

Standard			Implementation		
Ref.	Tag	Name	St	Format	Usage / Remark
DTM 01	374	Date/Time Qualifier	M	ID 3/3	**003 Invoice**
DTM 02	373	Date	C	DT 8/8	

Remark:

Example:
```
DTM*003*20180430!
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional, O=Optional, F=Floating, D=Dependent, A=Advised, S=Situational, X=Not used, N=Not recommended)

Generated by GEFEG.FX

Counter	No	Tag	St	MaxOcc	Level	Name
0040		**N1**	O	200	1	**N1-REF**
0040	6	**N1**	M	1	1	**Name**

Standard			Implementation		
Ref.	Tag	Name	St	Format	Usage / Remark
N1 01	98	Entity Identifier Code	M	ID 2/3	**ST Ship To**
N1 02	93	Name	C	AN 1/60	
N1 03	66	Identification Code Qualifier	O	ID 1/2	**92 Assigned by Buyer or Buyer's Agent**
N1 04	67	Identification Code	O	AN 2/80	

Remark:

Example:
```
N1*ST*X*92*XX!
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional, O=Optional, F=Floating, D=Dependent, A=Advised, S=Situational, X=Not used, N=Not recommended)

Generated by GEFEG.FX

Counter	No	Tag	St	MaxOcc	Level	Name
0040		**N1**	O	200	1	**N1-REF**
0080	7	**REF**	O	12	2	**Reference Identification**

Standard			Implementation		
Ref.	Tag	Name	St	Format	Usage / Remark
REF 01	128	Reference Identification Qualifier	M	ID 2/3	**PO Purchase Order Number** **IA Internal Vendor Number** **IK Invoice Number** **CR Customer Reference Number**
REF 02	127	Reference Identification	C	AN 1/30	

Remark:

Example:
```
REF*PO*X!
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional, O=Optional, F=Floating, D=Dependent, A=Advised, S=Situational, X=Not used, N=Not recommended)

Generated by GEFEG.FX

Counter	No	Tag	St	MaxOcc	Level	Name
0010		**MIT**	M	>1	1	**MIT-MSG**
0010	8	**MIT**	M	1	1	**Message Identification**

Standard			Implementation		
Ref.	Tag	Name	St	Format	Usage / Remark
MIT 01	127	Reference Identification	M	AN 1/30	We will send the invoice number here
MIT 02	352	Description	O	AN 1/80	Description will be "Invoice Number"

Remark:

Example:

```
MIT*X*X!
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional, O=Optional, F=Floating, D=Dependent, A=Advised, S=Situational, X=Not used, N=Not recommended)

Generated by GEFEG.FX

Counter	No	Tag	St	MaxOcc	Level	Name
0010		**MIT**	M	>1	1	**MIT-MSG**
0080	9	**MSG**	M	100000	2	**Message Text**

Standard			Implementation		
Ref.	Tag	Name	St	Format	Usage / Remark
MSG 01	933	Free-Form Message Text	M	AN 1/264	

Remark:

Example:

```
MSG*X!
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional, O=Optional, F=Floating, D=Dependent, A=Advised, S=Situational, X=Not used, N=Not recommended)

Generated by GEFEG.FX

Counter	No	Tag	St	MaxOcc	Level	Name
0010	10	**SE**	M	1	0	**Transaction Set Trailer**

Standard			Implementation		
Ref.	Tag	Name	St	Format	Usage / Remark
SE 01	96	Number of Included Segments	M	N0 1/10	
SE 02	329	Transaction Set Control Number	M	AN 4/9	

Remark:

Example:
```
SE*18*XXXX!
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional, O=Optional, F=Floating, D=Dependent, A=Advised, S=Situational, X=Not used, N=Not recommended)

Counter	No	Tag	St	MaxOcc	Level	Name
0000	11	**GE**	C	1	0	**Functional Group Trailer**

Standard			Implementation		
Ref.	Tag	Name	St	Format	Usage / Remark
GE 01	97	Number of Transaction Sets Included	M	N0 1/6	
GE 02	28	Group Control Number	M	N0 1/9	

Remark:

Example:

```
GE*1*1!
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional, O=Optional, F=Floating, D=Dependent, A=Advised, S=Situational, X=Not used, N=Not recommended)

Generated by GEFEG.FX

Counter	No	Tag	St	MaxOcc	Level	Name
0000	12	**IEA**	M	1	0	**Interchange Control Trailer**

Standard			Implementation		
Ref.	Tag	Name	St	Format	Usage / Remark
IEA 01	I16	Number of Included Functional Groups	M	N0 1/5	
IEA 02	I12	Interchange Control Number	M	N0 9/9	

Remark:

Example:

```
IEA*1*999999999!
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional, O=Optional, F=Floating, D=Dependent, A=Advised, S=Situational, X=Not used, N=Not recommended)

Generated by GEFEG.FX