VOLVO

Message Specification

Service Market and Dealer Ship direct 850 004050

Based on:

850
Purchase Order

X12 004050

Version: 1
Variant: 1
Issue date: 18/09/2020
Author: VOLVO GROUP IT

VOLVO

Message Structure

Counter	No	Tag	St	MaxOcc	Level	Content
0100	1	**ST**	M	1	0	Transaction Set Header
0200	2	**BEG**	M	1	0	Beginning Segment for Purchase Order
0400	3	**CUR**	D	1	0	Currency
0500	4	**REF**	R	1	1	Dealer purchase order number
0500	5	**REF**	D	99	1	Customer Reference Number
0500	6	**REF**	D	1	1	Billing account number
0500	7	**REF**	R	1	1	Criticality Designator
0500	8	**REF**	D	1	1	Promotion/Deal Number
0800	9	**FOB**	D	1	1	F.O.B. Related Instructions
2400	10	**TD5**	D	1	1	Carrier Details (Routing Sequence/Transit Time)
2950		**N9**	D	3	1	N9-MTX
2950	11	**N9**	M	1	1	Extended Reference Information
3000	12	**MTX**	R	1	2	Text
3100		**N1**	R	1	1	Buyer
3100	13	**N1**	M	1	1	Party Identification
3300	14	**N3**	O	1	2	Party Location
3400	15	**N4**	R	1	2	Geographic Location
3500	16	**REF**	D	1	2	Reference Information
3600	17	**PER**	O	3	2	Administrative Communications Contact
3100		**N1**	D	1	1	Bill-to-Party
3100	18	**N1**	M	1	1	Party Identification
3300	19	**N3**	O	1	2	Party Location
3400	20	**N4**	R	1	2	Geographic Location
3100		**N1**	R	1	1	Selling Party
3100	21	**N1**	M	1	1	Party Identification
3300	22	**N3**	O	1	2	Party Location
3400	23	**N4**	R	1	2	Geographic Location
3100		**N1**	R	1	1	Ship To
3100	24	**N1**	M	1	1	Party Identification
3300	25	**N3**	O	1	2	Party Location
3400	26	**N4**	R	1	2	Geographic Location
3500	27	**REF**	D	1	2	Reference Information
0100		**PO1**	M	999	1	PO1-REF-REF-DTM-SCH
0100	28	**PO1**	M	1	1	Baseline Item Data
1000	29	**REF**	D	10	2	Characteristic Code Description
1000	30	**REF**	D	1	2	Reference Information
2100	31	**DTM**	D	1	2	Date/Time Reference
2950		**SCH**	D	100	2	Scheduling Details

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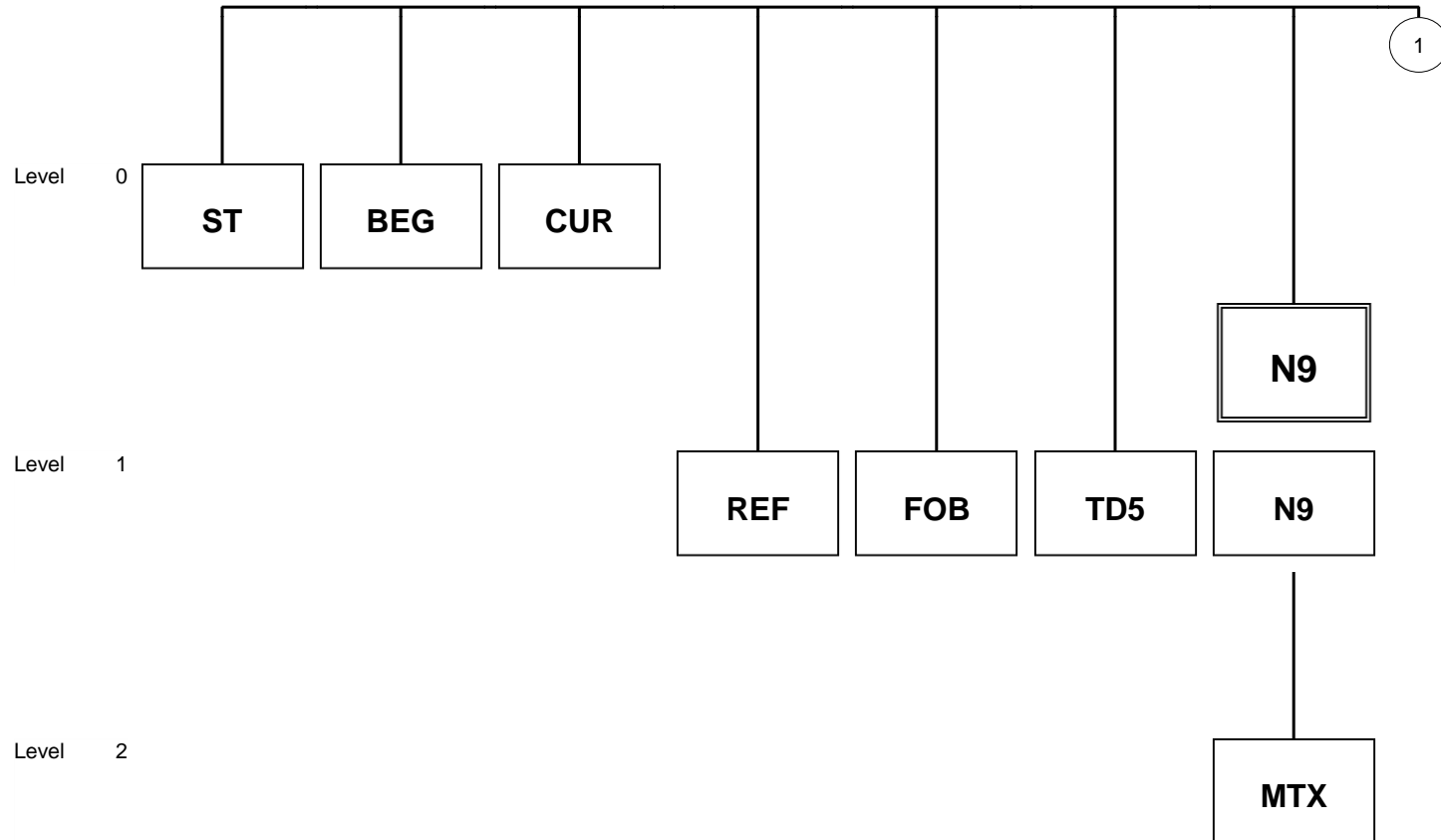MaxOcc = Maximum occurrence of the segment/group

St = Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Content
2950	32	**SCH**	M	1	2	Line Item Schedule
3000	33	**REF**	R	1	3	Scheduling Conditions
0100		**CTT**	O	1	1	CTT
0100	34	**CTT**	M	1	1	Transaction Totals
0300	35	**SE**	M	1	0	Transaction Set Trailer

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

St = Status
X12: M=Mandatory, C=Conditional, O=Optional
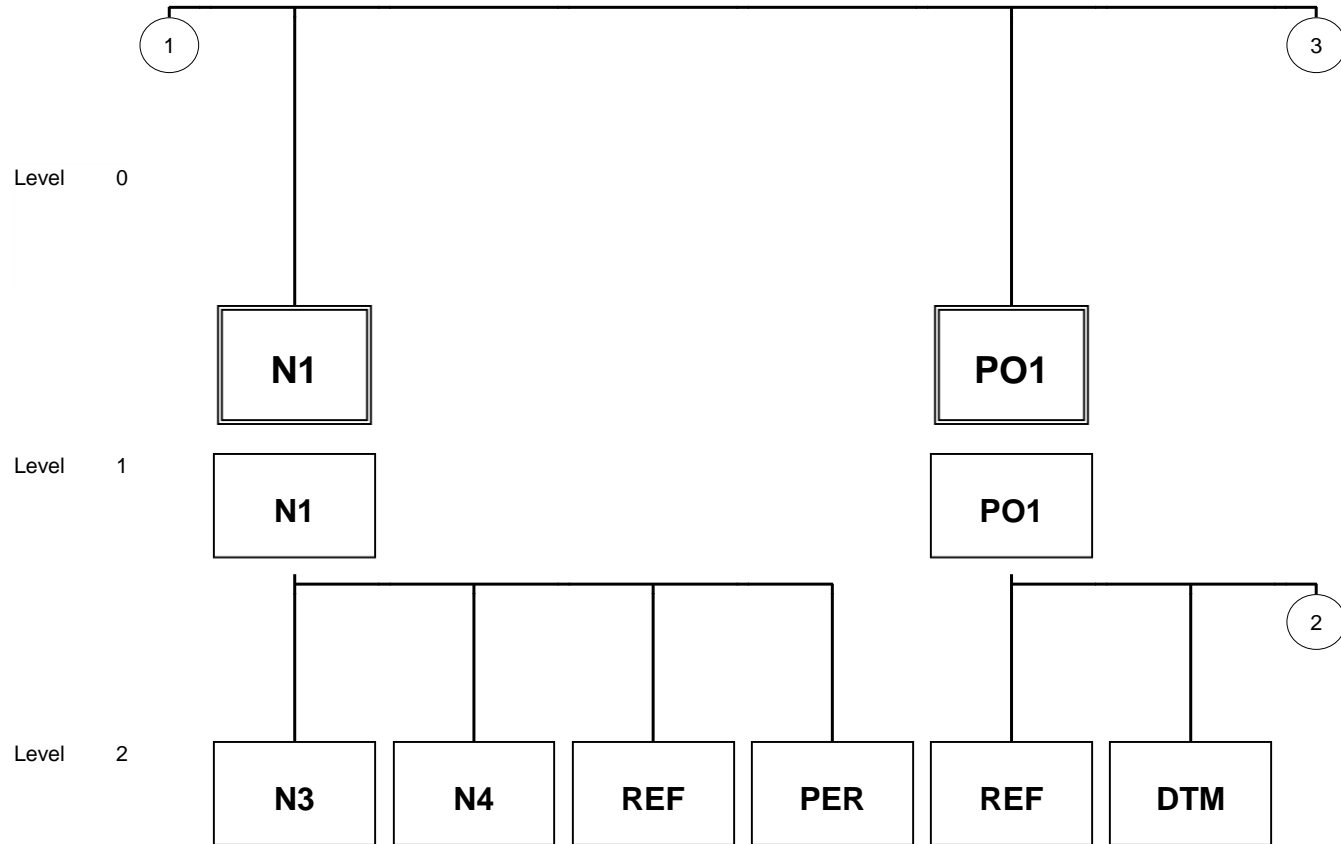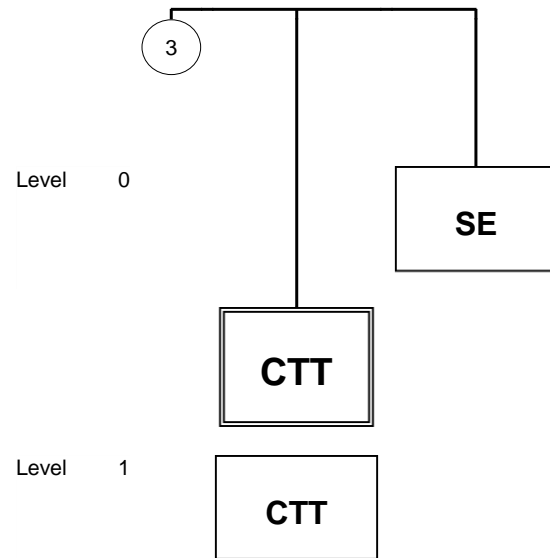User specific: R=Required, O=Optional, D=Dependent,
N=Not used

VOLVO

Branching Diagram of Used Segments/Groups

Level   0

ST	BEG	CUR

① 1

N9

Level   1

REF	FOB	TD5	N9

Level   2

MTX

Level 0

Level 1

Level 2

```
                        ┌──────────────┬──────────────────────────┬──────────┐
                       (1)                                       (3)
                        │                                        │
                     ┌─────┐                                  ┌─────┐
                     │ N1  │                                  │ PO1 │
                     └─────┘                                  └─────┘
                     ┌─────┐                                  ┌─────┐
                     │ N1  │                                  │ PO1 │
                     └─────┘                                  └─────┘
              ┌────┬────┬────┬────┐                      ┌────┬────┐
                                                                  (2)
            ┌────┐┌────┐┌────┐┌────┐              ┌────┐┌────┐
            │ N3 ││ N4 ││REF ││PER │              │REF ││DTM │
            └────┘└────┘└────┘└────┘              └────┘└────┘
```

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(2) SCH

Level 2   SCH

Level 3   REF

③

Level   0

SE

CTT

Level   1

CTT
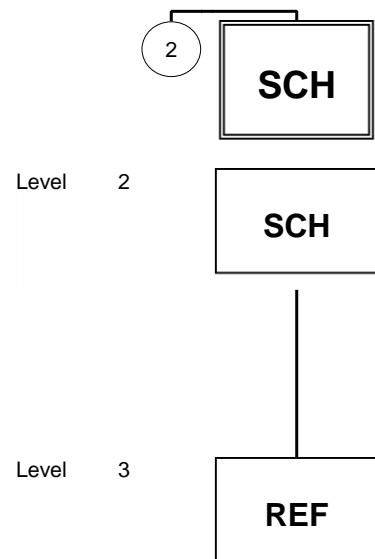
Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0100	1	**ST**	M	1	0	**Transaction Set Header**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
ST 01	143	Transaction Set Identifier Code	M ID 3/3	Code uniquely identifying a Transaction Set **850 Purchase Order**
ST 02	329	Transaction Set Control Number	M AN 4/9	Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Remark:

Example:
ST*850*0001

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
0200	2	**BEG**	M	1	0	**Beginning Segment for Purchase Order**

Standard			Implementation		
Ref.	Id	Name	St Format		Usage / Remark
BEG 01	353	Transaction Set Purpose Code	M ID 2/2		**00 Original**
BEG 02	92	Purchase Order Type Code	M ID 2/2		**SA Stand-alone Order**
BEG 03	324	Purchase Order Number	M AN 1/22		Order Number
BEG 05	373	Date	M DT 8/8		
BEG 07	587	Acknowledgment Type	D ID 2/2		**AE Acknowledge - With Exception Detail Only** AE - an 855 is always expected. If there is any kind of deviation from normal, detail should be provided, as for example: Back order, Price error, Substituted part, etc.

Remark:

Example:
```
BEG*00*SA*3000229786-ABC**20160210**AE
```

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
0400	3	**CUR**	D	1	0	**Currency**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
CUR 01	98	Entity Identifier Code	M ID 2/2	**BY Buying Party (Purchaser)**
CUR 02	100	Currency Code	M ID 3/3	Order currency ISO 4217 three alpha code

Remark:
Used according to agreement between concerned parties.

Example:
CUR*BY*USD

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
0500	4	**REF**	R	1	1	**Dealer purchase order number**

Standard			Implementation		
Ref.	Id	Name	St Format	Usage / Remark	
REF 01	128	Reference Identification Qualifier	M ID 2/2	**DC Dealer purchase order number**	
REF 02	127	Reference Identification	R AN 1/50		

Remark:

Example:

REF*DC*OP08058

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
0500	5	**REF**	D	99	1	**Customer Reference Number**

Standard			Implementation		
Ref.	Id	Name	St Format	Usage / Remark	
REF 01	128	Reference Identification Qualifier	M ID 2/2	**CR Customer Reference Number**
REF 02	127	Reference Identification	R AN 1/50	

Remark:
Used according to agreement between concerned parties.

Example:
REF*CR*1011176105

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
0500	6	**REF**	D	1	1	**Billing account number**

Standard			Implementation		
Ref.	Id	Name	St Format	Usage / Remark	
REF 01	128	Reference Identification Qualifier	M ID 2/2	**12 Billing Account**	
REF 02	127	Reference Identification	R AN 1/50	Billing account number	

Remark:

Dealers Fedex or Purolator account number for emergency orders

Example:

REF*12*123456

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
0500	7	**REF**	R	1	1	**Criticality Designator**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
REF 01	128	Reference Identification Qualifier	M ID 2/2	**K4 Criticality Designator**
REF 02	127	Reference Identification	R AN 1/50	1 If an EMERGENCY order 3 If a STOCK order

Remark:

Example:
REF*K4*1

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
0500	8	**REF**	D	1	1	**Promotion/Deal Number**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
REF 01	128	Reference Identification Qualifier	M ID 2/2	**PD Promotion/Deal Number**
REF 02	127	Reference Identification	R AN 1/50	Program number or Promotion number

Remark:

Example:

REF*PD*025

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
0800	9	**FOB**	D	1	1	**F.O.B. Related Instructions**

Standard			Implementation		
Ref.	Id	Name	St Format	Usage / Remark	
FOB 01	146	Shipment Method of Payment	M ID 2/2	**DF Defined by Buyer and Seller**	
FOB 02	309	Location Qualifier	D ID 1/2	**EA Event Location**	
FOB 03	352	Description	D AN 1/35	Location Name	
FOB 04	334	Transportation Terms Qualifier Code	R ID 2/2	**01 Incoterms**	
FOB 05	335	Transportation Terms Code	R ID 3/3	INCOTERMS® 2010 version released by International Chamber of Commerce (ICC). It is to be noted that contracts made under INCOTERMS® 2000 can remain valid.	

Remark:
Used according to agreement between concerned parties.

Example:
FOB*DF*EA*TORONTO*01*FCA

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
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VOLVO

Counter	No	Tag	St	MaxOcc	Level	Name
2400	10	**TD5**	D	1	1	**Carrier Details (Routing Sequence/Transit Time)**

Standard			Implementation		
Ref.	Id	Name	St Format	Usage / Remark	
TD5 02	66	Identification Code Qualifier	C ID 1/2	**2 Standard Carrier Alpha Code (SCAC)**	
TD5 03	67	Identification Code	D AN 2/80	SCAC code	
TD5 05	387	Routing	C AN 1/35	Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
TD5 12	284	Service Level Code	C ID 2/2	**9A 9 A.M.**	
				AC Air Cargo	
				AM A.M.	
				CG Ground	
				CX Express Service	
				ES Expedited Service	
				G2 Standard Service	
				GT Tracking - Ground	
				IE Expedited Service - Worldwide	
				IX Express Service - Worldwide	
				ND Next Day Air	
				Delivery during day hours of next business day	
				NM Next Morning	
				ON Overnight	
				SA Same Day	
				SC Second Day Air	
				Delivery during day hours no later than 2nd business day	
				SD Saturday	
				SE Second Day	
				SG Standard Ground	
				SH Second Day Hundred Weight	
				SI Standard Ground Hundred Weight	
				SM Second Morning	

Remark:

Example:
```
TD5**2*456DFG**UPS OVERNIGHT*******CG
```

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
2950		**N9**	D	3	1	**N9-MTX**

Used according to agreement between concerned parties.

Counter	No	Tag	St	MaxOcc	Level	Name
2950	11	**N9**	M	1	1	**Extended Reference Information**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
N9 01	128	Reference Identification Qualifier	M ID 2/3	**82 Data Item Description (DID) Reference**

Remark:

Example:

`N9*82`

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
2950		**N9**	D	3	1	**N9-MTX**

Used according to agreement between concerned parties.

Counter	No	Tag	St	MaxOcc	Level	Name
3000	12	**MTX**	R	1	2	**Text**

Standard				Implementation	
Ref.	Id	Name	St Format	Usage / Remark	
MTX 01	363	Note Reference Code	R ID 3/3	**ADD Additional Information** **PUR Purchasing** **TSD Terms of Sale Description**
MTX 02	1551	Textual Data	R AN 1/80	

Remark:
To provide free form or coded text information. In general free text should be avoided where possible since this will inhibit automatic processing.

Example:
```
MTX*ADD*ADDITIONAL INFORMATION
```

No = Consecutive segment number   St=Status
MaxOcc = Maximum occurrence of the segment/group   X12: M=Mandatory, C=Conditional, O=Optional
Counter = Counter of segment/group within the standard   User specific: R=Required, O=Optional, D=Dependent,
                                                                                            N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
3100		**N1**	R	1	1	**Buyer**
3100	13	**N1**	M	1	1	**Party Identification**

Standard			Implementation		
Ref.	Id	Name	St Format	Usage / Remark	
N1 01	98	Entity Identifier Code	M ID 2/2	**BY Buying Party (Purchaser)**	
N1 02	93	Name	R AN 1/60		
N1 03	66	Identification Code Qualifier	R ID 1/2	**92 Assigned by Buyer or Buyer's Agent**	
N1 04	67	Identification Code	R AN 2/35		

Remark:

Example:
```
N1*BY*VOLVO TRUCKS NA INC*92*123214
```

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
3100		**N1**	R	1	1	**Buyer**
3300	14	**N3**	O	1	2	**Party Location**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
N3 01	166	Address Information	M AN 1/55	

Remark:

Example:
```
N3*9900 VOLVO ROAD
```

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
3100		**N1**	R	1	1	**Buyer**
3400	15	**N4**	R	1	2	**Geographic Location**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
N4 01	19	City Name	R AN 2/30	
N4 02	156	State or Province Code	O ID 2/2	
N4 03	116	Postal Code	R ID 3/15	
N4 04	26	Country Code	R ID 2/2	

Remark:

Example:

```
N4*GREENSBORO*NC*24449*US
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
3100		**N1**	R	1	1	**Buyer**
3500	16	**REF**	D	1	2	**Reference Information**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
REF 01	128	Reference Identification Qualifier	M ID 2/2	**VX Value-Added Tax Registration Number (Europe)**
REF 02	127	Reference Identification	R AN 1/17	

Remark:
Used according to agreement between concerned parties.

Example:
REF*VX*SE556013970001

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
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Counter	No	Tag	St	MaxOcc	Level	Name
3100		**N1**	R	1	1	**Buyer**
3600	17	**PER**	O	3	2	**Administrative Communications Contact**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
PER 01	366	Contact Function Code	M ID 2/2	**BD Buyer Name or Department**
PER 02	93	Name	R AN 1/35	
PER 03	365	Communication Number Qualifier	C ID 2/2	**EM Electronic Mail**
PER 04	364	Communication Number	C AN 1/70	
PER 05	365	Communication Number Qualifier	C ID 2/2	**TE Telephone**
PER 06	364	Communication Number	C AN 1/70	

Remark:

Example:

```
PER*BD*BOB SMITH*EM*BOB.SMITH@VOLVO.COM
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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St=Status
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User specific: R=Required, O=Optional, D=Dependent,
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Counter	No	Tag	St	MaxOcc	Level	Name
3100		**N1**	D	1	1	**Bill-to-Party**
3100	18	**N1**	M	1	1	**Party Identification**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
N1 01	98	Entity Identifier Code	M ID 2/2	**BT Bill-to-Party**
N1 02	93	Name	R AN 1/60	
N1 03	66	Identification Code Qualifier	R ID 1/2	**92 Assigned by Buyer or Buyer's Agent**
N1 04	67	Identification Code	R AN 2/35	

Remark:
N1*BT tells where to send the invoice. If not given it is the same as Buyer.

Example:
```
N1*BT*VOLVO TRUCKS NA INC*92*123214
```

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
3100		**N1**	D	1	1	**Bill-to-Party**
3300	19	**N3**	O	1	2	**Party Location**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
N3 01	166	Address Information	M AN 1/55	

Remark:

Example:
```
N3*9900 VOLVO ROAD
```

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
3100		**N1**	D	1	1	**Bill-to-Party**
3400	20	**N4**	R	1	2	**Geographic Location**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
N4 01	19	City Name	R AN 2/30	
N4 02	156	State or Province Code	O ID 2/2	
N4 03	116	Postal Code	R ID 3/15	
N4 04	26	Country Code	R ID 2/2	

Remark:

Example:

```
N4*GREENSBORO*NC*24449*US
```

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
3100		**N1**	R	1	1	**Selling Party**
3100	21	**N1**	M	1	1	**Party Identification**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
N1 01	98	Entity Identifier Code	M ID 2/2	**SE Selling Party**
N1 02	93	Name	R AN 1/60	
N1 03	66	Identification Code Qualifier	R ID 1/2	**92 Assigned by Buyer or Buyer's Agent**
N1 04	67	Identification Code	R AN 2/35	

Remark:

Example:
```
N1*SE*PANA-PACIFIC CORP*92*51122
```

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
3100		**N1**	R	1	1	**Selling Party**
3300	22	**N3**	O	1	2	**Party Location**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
N3 01	166	Address Information	M AN 1/55	

Remark:

Example:
```
N3*80 VANESS DR
```

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
3100		**N1**	R	1	1	**Selling Party**
3400	23	**N4**	R	1	2	**Geographic Location**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
N4 01	19	City Name	R AN 2/30	
N4 02	156	State or Province Code	O ID 2/2	
N4 03	116	Postal Code	R ID 3/15	
N4 04	26	Country Code	R ID 2/2	

Remark:

Example:
N4*ENCINO*CA*93721*US

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
3100		**N1**	R	1	1	**Ship To**
3100	24	**N1**	M	1	1	**Party Identification**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
N1 01	98	Entity Identifier Code	M ID 2/2	**ST Ship To**
N1 02	93	Name	R AN 1/60	
N1 03	66	Identification Code Qualifier	R ID 1/2	**92 Assigned by Buyer or Buyer's Agent**
N1 04	67	Identification Code	R AN 2/35	

Remark:

Example:
```
N1*ST*WORLDWIDE COMPANY, INC*92*5552D
```

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
3100		**N1**	R	1	1	**Ship To**
3300	25	**N3**	O	1	2	**Party Location**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
N3 01	166	Address Information	M AN 1/55	

Remark:

Example:
```
N3*2017 WEST 22RD STREET
```

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
3100		**N1**	R	1	1	**Ship To**
3400	26	**N4**	R	1	2	**Geographic Location**

Standard			Implementation		
Ref.	Id	Name	St Format		Usage / Remark
N4 01	19	City Name	R	AN 2/30	
N4 02	156	State or Province Code	C	ID 2/2	
N4 03	116	Postal Code	R	ID 3/15	
N4 04	26	Country Code	R	ID 2/2	

Remark:

Example:

```
N4*CHATTANOOGA*TN*37303*US
```

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
3100		**N1**	R	1	1	**Ship To**
3500	27	**REF**	D	1	2	**Reference Information**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
REF 01	128	Reference Identification Qualifier	M ID 2/2	**DK Dock Number**
REF 02	127	Reference Identification	R AN 1/35	

Remark:
Used according to agreement between concerned parties.

Example:
```
REF*DK*200A
```

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
0100		**PO1**	M	999	1	**PO1-REF-DTM-SCH**
0100	28	**PO1**	M	1	1	**Baseline Item Data**

Standard			Implementation		
Ref.	**Id**	**Name**	**St Format**	**Usage / Remark**	
PO1 01	350	Assigned Identification	D AN 1/6	Line ID	
PO1 02	380	Quantity	D R 1/15	Ordered Quantity	
PO1 03	355	Unit or Basis for Measurement Code	O ID 2/2	**CN Can** **CR Cubic Meter** **DM Decimeter** **DR Drum** **EA Each** **FT Foot** **GA Gallon** **GR Gram** **HU Hundred** **KG Kilogram** **KT Kit** **LB Pound** **LT Liter** **ML Milliliter** **MM Millimeter** **MR Meter** **OZ Ounce - Av** **PK Package** **PR Pair** **PT Pint** **QT Quart** **SC Square Centimeter** **SM Square Meter** **T3 Thousand Pieces** If no unit code is given the default value is EA for each/ pieces	
PO1 04	212	Unit Price	D R 1/15		
PO1 05	639	Basis of Unit Price Code	O ID 2/2	The quantity multipel of the given price **HP Price per Hundred** **PE Price per Each** **TP Price per Thousand**	
PO1 06	235	Product/Service ID Qualifier	R ID 2/2	**BP Buyer's Part Number**	
PO1 07	234	Product/Service ID	R AN 1/35		
PO1 08	235	Product/Service ID Qualifier	D ID 2/2	**VP Vendor's (Seller's) Part Number**	
PO1 09	234	Product/Service ID	D AN 1/35		
PO1 10	235	Product/Service ID Qualifier	D ID 2/2	**PD Part Number Description**	
PO1 11	234	Product/Service ID	D AN 1/35		

Remark:

Example:

```
PO1*00001*6*EA*69.60*PE*BP*PNSPP1050626E*VP*PP106062 6E*PD*SEAT
```

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0100		**PO1**	M	999	1	**PO1-REF-DTM-SCH**
1000	29	**REF**	D	10	2	**Characteristic Code Description**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
REF 01	128	Reference Identification Qualifier	R ID 2/2	**82 Data Item Description (DID) Reference**
REF 02	127	Reference Identification	R AN 1/17	
REF 03	352	Description	R AN 1/80	

Remark:
Used according to agreement between concerned parties.

Example:
```
REF*82*COLOR*BLUE
```

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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VOLVO

Counter	No	Tag	St	MaxOcc	Level	Name
0100		**PO1**	M	999	1	**PO1-REF-DTM-SCH**
1000	30	**REF**	D	1	2	**Reference Information**

Standard			Implementation		
Ref.	Id	Name	St Format	Usage / Remark
REF 01	128	Reference Identification Qualifier	R ID 2/2	**OQ Order Number**
REF 02	127	Reference Identification	D AN 1/50	
	C040	Reference Identifier	R	
REF 04	128	Reference Identification Qualifier	M ID 2/2	**BV Purchase Order Line Item Identifier (Buyer)**
REF 04	127	Reference Identification	M AN 1/6	

Remark:
Used according to agreement between concerned parties.

Example:
`REF*OQ*3000229786-ABC**BV:10`

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
0100		**PO1**	M	999	1	**PO1-REF-DTM-SCH**
2100	31	**DTM**	D	1	2	**Date/Time Reference**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
DTM 01	374	Date/Time Qualifier	M ID 3/3	**002 Delivery Requested** **010 Requested Ship**
DTM 02	373	Date	R DT 8/8	
DTM 03	337	Time	C AN 4/4	

Remark:
To specify date (and times if required) relevant to the delivery or pick up of goods.

Example:
DTM*002*20160528*1547

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
2950		**SCH**	D	100	2	Scheduling Details

Used according to agreement between concerned parties.

Counter	No	Tag	St	MaxOcc	Level	Name
2950	32	**SCH**	M	1	2	Line Item Schedule

Standard			Implementation		
Ref.	Id	Name	St Format	Usage / Remark	
SCH 01	380	Quantity	M R 1/15	On Order Quantity/Ordered quantity	
SCH 02	355	Unit or Basis for Measurement Code	M ID 2/2	**CN Can**	
				CR Cubic Meter	
				DM Decimeter	
				DR Drum	
				EA Each	
				FT Foot	
				GA Gallon	
				GR Gram	
				HU Hundred	
				KG Kilogram	
				KT Kit	
				LB Pound	
				LT Liter	
				ML Milliliter	
				MM Millimeter	
				MR Meter	
				OZ Ounce - Av	
				PK Package	
				PR Pair	
				PT Pint	
				QT Quart	
				SC Square Centimeter	
				SM Square Meter	
				T3 Thousand Pieces	
				If no unit code is given the default value is EA for each/ pieces	
SCH 05	374	Date/Time Qualifier	M ID 3/3	**002 Delivery Requested**	
				010 Requested Ship	
SCH 06	373	Date	M DT 8/8		
SCH 07	337	Time	O AN 4/6		

Remark:

Example:

```
SCH*6*EA***002*20160528*1547
```

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
2950		**SCH**	D	100	2	**Scheduling Details**

Used according to agreement between concerned parties.

Counter	No	Tag	St	MaxOcc	Level	Name
3000	33	**REF**	R	1	3	**Scheduling Conditions**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
REF 01	128	Reference Identification Qualifier	M ID 2/3	**ZZ Mutually Defined** Delivery Plan Commitment Level Code
REF 02	127	Reference Identification	R AN 1/1	C (Firm) D (Planning) Forecast Qualifier

Remark:

Example:
REF*ZZ*C

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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Counter	No	Tag	St	MaxOcc	Level	Name
0100		**CTT**	O	1	1	**CTT**
0100	34	**CTT**	M	1	1	**Transaction Totals**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
CTT 01	354	Number of Line Items	M N0 1/6	
CTT 02	347	Hash Total	O R 1/10	

Remark:

Example:
CTT*1*6

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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VOLVO

Counter	No	Tag	St	MaxOcc	Level	Name
0300	35	**SE**	M	1	0	**Transaction Set Trailer**

Standard			Implementation	
Ref.	Id	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*21*0001
```

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

St=Status
X12: M=Mandatory, C=Conditional, O=Optional
User specific: R=Required, O=Optional, D=Dependent,
N=Not used

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