



Message Specification

## **VOLVO GLOBAL 824 4050**

Based on:

**824**

Application Advice

**X12 004050**

Version: 1  
Variant: 0  
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Author: Volvo Group IT

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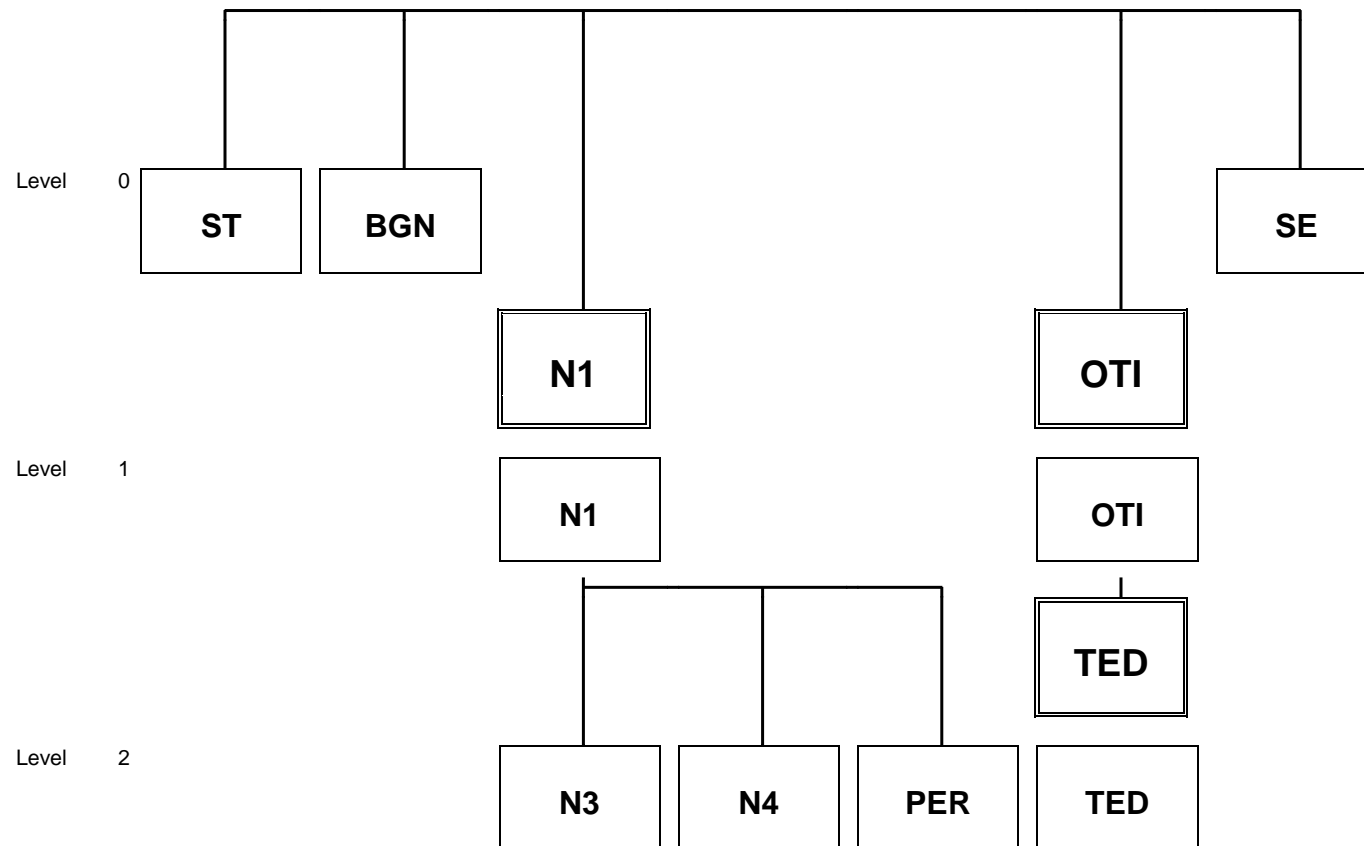
## Message Structure

Counter	No	Tag	St	MaxOcc	Level	Content
0100	1	<b>ST</b>	M	1	0	Transaction Set Header
0200	2	<b>BGN</b>	M	1	0	Beginning Segment
0300		<b>N1</b>	O	1	1	Buying Party
0300	3	<b>N1</b>	M	1	1	Party Identification
0500	4	<b>N3</b>	O	1	2	Party Location
0600	5	<b>N4</b>	O	1	2	Geographic Location
0800	6	<b>PER</b>	O	1	2	Administrative Communications Contact
0300		<b>N1</b>	O	1	1	Selling Party
0300	7	<b>N1</b>	M	1	1	Party Identification
0500	8	<b>N3</b>	O	1	2	Party Location
0600	9	<b>N4</b>	O	1	2	Geographic Location
0800	10	<b>PER</b>	O	1	2	Administrative Communications Contact
0300		<b>N1</b>	O	1	1	Ship from
0300	11	<b>N1</b>	M	1	1	Party Identification
0500	12	<b>N3</b>	O	1	2	Party Location
0600	13	<b>N4</b>	O	1	2	Geographic Location
0800	14	<b>PER</b>	O	1	2	Administrative Communications Contact
0300		<b>N1</b>	O	1	1	Ship To
0300	15	<b>N1</b>	M	1	1	Party Identification
0500	16	<b>N3</b>	O	1	2	Party Location
0600	17	<b>N4</b>	O	1	2	Geographic Location
0800	18	<b>PER</b>	O	1	2	Administrative Communications Contact
0100		<b>OTI</b>	M	1	1	OTI-TED
0100	19	<b>OTI</b>	M	1	1	Original Transaction Identification
0700		<b>TED</b>	R	10	2	TED
0700	20	<b>TED</b>	M	1	2	Technical Error Description
0900	21	<b>SE</b>	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  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

**Branching Diagram of Used Segments/Groups**



Segment:

**ST**

Seq. No.: 1 Level: 0  
 Status: M Max. Occ.: 1  
 Counter: 0100

Transaction Set Header

Name: Transaction Set Header

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
ST				
143	Transaction Set Identifier Code	M ID 3/3	M ID 3/3	<b>824 Application Advice</b>
329	Transaction Set Control Number	M AN 4/9	M AN 4/9	

Remark:

Example:

ST\*824\*0001

Segment:

**BGN**

Seq. No.: 2 Level: 0  
 Status: M Max. Occ.: 1  
 Counter: 0200

Beginning Segment

Name: **Beginning Segment**

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
BGN				
353	Transaction Set Purpose Code	M ID 2/2	M ID 2/2	<b>00 Original</b>
127	Reference Identification	M AN 1/50	M AN 1/50	Reference to purchase order number, despatch advice number or invoice number.
373	Date	M DT 8/8	M DT 8/8	
337	Time	C TM 4/8	C TM 4/8	

Remark:

Example:

BGN\*00\*5372D-45962\*20160801\*1130

**Group:** **N1** Status: O Max. Occ.: 1 Buying Party

**Segment:** **N1** Seq. No.: 3 Level: 1 **Party Identification**  
 Status: M Max. Occ.: 1  
 Counter: 0300

**Name:** Party Identification

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
N1				
98	Entity Identifier Code	M ID 2/3	M ID 2/3	<b>BY</b> <b>Buying Party (Purchaser)</b>
93	Name	C AN 1/60	C AN 1/60	Free-form name
66	Identification Code Qualifier	C ID 1/2	R ID 1/2	<b>92</b> <b>Assigned by Buyer or Buyer's Agent</b>
67	Identification Code	C AN 2/80	R AN 2/80	

**Remark:**

**Example:**

N1\*BY\*VOLVO TRUCKS NA INC\*92\*24814

**Group:** **N1** Status: O Max. Occ.: 1 Buying Party

**Segment:** **N3** Seq. No.: 4 Level: 2 **Party Location**  
 Status: O Max. Occ.: 1  
 Counter: 0500

**Name:** Party Location

UN/EDIFACT		Implementation		
	Name	St Format	St Format	Use / Remarks
N3				
166	Address Information	M AN 1/55	M AN 1/55	

**Remark:**

**Example:**

N3\*7900 NATIONAL SERVICE RD

**Group:** **N1** Status: O Max. Occ.: 1 Buying Party

**Segment:** **N4** Seq. No.: 5 Level: 2 **Geographic Location**  
 Status: O Max. Occ.: 1  
 Counter: 0600

**Name:** **Geographic Location**

UN/EDIFACT		Implementation		
	Name	St Format	St Format	Use / Remarks
N4				
19	City Name	O AN 2/30	O AN 2/30	
156	State or Province Code	C ID 2/2	C ID 2/2	
116	Postal Code	O ID 3/15	O ID 3/15	
26	Country Code	C ID 2/3	C ID 2/3	

**Remark:**

**Example:**

N4\*GREENSBORO\*NC\*27409\*US



**Group:** **N1** Status: O Max. Occ.: 1 Buying Party

**Segment:** **PER** Seq. No.: 6 Level: 2 **Administrative Communications Contact**  
 Status: O Max. Occ.: 1  
 Counter: 0800

**Name:** Administrative Communications Contact

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
PER				
366	Contact Function Code	M ID 2/2	M ID 2/2	<b>BD Buyer Name or Department</b>
93	Name	O AN 1/60	O AN 1/60	Free-form name
365	Communication Number Qualifier	C ID 2/2	C ID 2/2	<b>EM Electronic Mail</b>
364	Communication Number	C AN 1/25	C AN 1/25	
365	Communication Number Qualifier	C ID 2/2	C ID 2/2	<b>TE Telephone</b>
364	Communication Number	C AN 1/25	C AN 1/25	

**Remark:**

**Example:**

PER\*BD\*BOB SNYDER\*EM\*BOB.SNYDER@VOLVO.COM

**Group:** **N1** Status: O Max. Occ.: 1 Selling Party

**Segment:** **N1** Seq. No.: 7 Level: 1 **Party Identification**  
 Status: M Max. Occ.: 1  
 Counter: 0300

**Name:** Party Identification

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
N1				
98	Entity Identifier Code	M ID 2/3	M ID 2/3	<b>SE</b> Selling Party
93	Name	C AN 1/60	C AN 1/60	Free-form name
66	Identification Code Qualifier	C ID 1/2	C ID 1/2	<b>92</b> Assigned by Buyer or Buyer's Agent
67	Identification Code	C AN 2/80	C AN 2/80	

**Remark:**

**Example:**

N1\*SE\*PANA-PACIFIC CORP\*92\*51144

**Group:** **N1** Status: O Max. Occ.: 1 Selling Party

**Segment:** **N3** Seq. No.: 8 Level: 2 **Party Location**  
 Status: O Max. Occ.: 1  
 Counter: 0500

**Name:** Party Location

UN/EDIFACT		Implementation		
	Name	St Format	St Format	Use / Remarks
N3				
166	Address Information	M AN 1/55	M AN 1/55	

**Remark:**

**Example:**

N3\*7900 NATIONAL SERVICE RD

**Group:** **N1** Status: O Max. Occ.: 1 Selling Party

**Segment:** **N4** Seq. No.: 9 Level: 2 **Geographic Location**  
 Status: O Max. Occ.: 1  
 Counter: 0600

**Name:** **Geographic Location**

UN/EDIFACT		Implementation		
	Name	St Format	St Format	Use / Remarks
N4				
19	City Name	O AN 2/30	O AN 2/30	
156	State or Province Code	C ID 2/2	C ID 2/2	
116	Postal Code	O ID 3/15	O ID 3/15	
26	Country Code	C ID 2/3	C ID 2/3	

**Remark:**

**Example:**

N4\*GREENSBORO\*NC\*27409\*US

**Group:** **N1** Status: O Max. Occ.: 1 Selling Party

**Segment:** **PER** Seq. No.: 10 Level: 2 **Administrative Communications Contact**  
 Status: O Max. Occ.: 1  
 Counter: 0800

**Name:** **Administrative Communications Contact**

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
PER				
366	Contact Function Code	M ID 2/2	M ID 2/2	<b>SR Sales Representative or Department</b>
93	Name	O AN 1/60	O AN 1/60	Free-form name
365	Communication Number Qualifier	C ID 2/2	C ID 2/2	<b>EM Electronic Mail</b>
364	Communication Number	C AN 1/25	C AN 1/25	
365	Communication Number Qualifier	C ID 2/2	C ID 2/2	<b>TE Telephone</b>
364	Communication Number	C AN 1/25	C AN 1/25	

**Remark:**

**Example:**

PER\*SR\*SUPPLIER NAME\*EM\*NAME@COMPANY.COM

**Group:** **N1** Status: O Max. Occ.: 1 Ship from

**Segment:** **N1** Seq. No.: 11 Level: 1 **Party Identification**  
 Status: M Max. Occ.: 1  
 Counter: 0300

**Name:** **Party Identification**

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
N1				
98	Entity Identifier Code	M ID 2/3	M ID 2/3	<b>SF Ship From</b>
93	Name	C AN 1/60	C AN 1/60	Free-form name
66	Identification Code Qualifier	C ID 1/2	C ID 1/2	<b>92 Assigned by Buyer or Buyer's Agent</b>
67	Identification Code	C AN 2/80	C AN 2/80	

**Remark:**

**Example:**

N1\*S F\*SHIP FROM CORP\*92\*51122

**Group:** **N1** Status: O Max. Occ.: 1 Ship from

**Segment:** **N3** Seq. No.: 12 Level: 2 **Party Location**  
 Status: O Max. Occ.: 1  
 Counter: 0500

**Name:** Party Location

UN/EDIFACT		Implementation		
	Name	St Format	St Format	Use / Remarks
N3				
166	Address Information	M AN 1/55	M AN 1/55	

**Remark:**

**Example:**

N3\*SHIP FROM ADDRESS

**Group:** **N1** Status: O Max. Occ.: 1 Ship from

**Segment:** **N4** Seq. No.: 13 Level: 2 **Geographic Location**  
 Status: O Max. Occ.: 1  
 Counter: 0600

**Name:** **Geographic Location**

UN/EDIFACT		Implementation		
	Name	St Format	St Format	Use / Remarks
N4				
19	City Name	O AN 2/30	O AN 2/30	
156	State or Province Code	C ID 2/2	C ID 2/2	
116	Postal Code	O ID 3/15	O ID 3/15	
26	Country Code	C ID 2/3	C ID 2/3	

**Remark:**

**Example:**

N4\*GREENSBORO\*NC\*27410\*US



**Group:** **N1** Status: O Max. Occ.: 1 Ship from

**Segment:** **PER** Seq. No.: 14 Level: 2 **Administrative Communications Contact**  
 Status: O Max. Occ.: 1  
 Counter: 0800

**Name:** Administrative Communications Contact

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
PER				
366	Contact Function Code	M ID 2/2	M ID 2/2	<b>SR</b> Sales Representative or Department
93	Name	O AN 1/60	O AN 1/60	Free-form name
365	Communication Number Qualifier	C ID 2/2	C ID 2/2	<b>EM</b> Electronic Mail
364	Communication Number	C AN 1/25	C AN 1/25	
365	Communication Number Qualifier	C ID 2/2	C ID 2/2	<b>TE</b> Telephone
364	Communication Number	C AN 1/25	C AN 1/25	

**Remark:**

**Example:**

PER\*SR\*NAME\*EM\*NAME@COMPANY.COM

**Group:** **N1** Status: O Max. Occ.: 1 Ship To

**Segment:** **N1** Seq. No.: 15 Level: 1 **Party Identification**  
 Status: M Max. Occ.: 1  
 Counter: 0300

**Name:** Party Identification

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
N1				
98	Entity Identifier Code	M ID 2/3	M ID 2/3	<b>ST Ship To</b>
93	Name	C AN 1/60	C AN 1/60	Free-form name
66	Identification Code Qualifier	C ID 1/2	C ID 1/2	<b>92 Assigned by Buyer or Buyer's Agent</b>
67	Identification Code	C AN 2/80	C AN 2/80	

**Remark:**

**Example:**

N1\*ST\*WORLDWIDE EQUIPMENT OF TN, INC\*92\*5372D

**Group:** **N1** Status: O Max. Occ.: 1 Ship To

**Segment:** **N3** Seq. No.: 16 Level: 2 **Party Location**  
 Status: O Max. Occ.: 1  
 Counter: 0500

**Name:** Party Location

UN/EDIFACT		Implementation		
	Name	St Format	St Format	Use / Remarks
N3				
166	Address Information	M AN 1/55	M AN 1/55	

**Remark:**

**Example:**

N3\*2017 EAST 23RD STREET

**Group:** **N1** Status: O Max. Occ.: 1 Ship To

**Segment:** **N4** Seq. No.: 17 Level: 2 **Geographic Location**  
 Status: O Max. Occ.: 1  
 Counter: 0600

**Name:** **Geographic Location**

UN/EDIFACT		Implementation		
	Name	St Format	St Format	Use / Remarks
N4				
19	City Name	O AN 2/30	O AN 2/30	
156	State or Province Code	C ID 2/2	C ID 2/2	
116	Postal Code	O ID 3/15	O ID 3/15	
26	Country Code	C ID 2/3	C ID 2/3	

**Remark:**

**Example:**

N4\*CHATTANOOGA\*TN\*37404\*US

**Group:** **N1** Status: O Max. Occ.: 1 Ship To

**Segment:** **PER** Seq. No.: 18 Level: 2 **Administrative Communications Contact**  
 Status: O Max. Occ.: 1  
 Counter: 0800

**Name:** Administrative Communications Contact

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
PER				
366	Contact Function Code	M ID 2/2	M ID 2/2	<b>BD Buyer Name or Department</b>
93	Name	O AN 1/60	O AN 1/60	Free-form name
365	Communication Number Qualifier	C ID 2/2	C ID 2/2	<b>EM Electronic Mail</b>
364	Communication Number	C AN 1/25	C AN 1/25	
365	Communication Number Qualifier	C ID 2/2	C ID 2/2	<b>TE Telephone</b>
364	Communication Number	C AN 1/25	C AN 1/25	

**Remark:**

**Example:**

PER\*BD\*NAME\*EM\*NAME@COMPANY.COM

**Group:** OTI Status: M Max. Occ.: 1 OTI-TED

**Segment:** OTI Seq. No.: 19 Level: 1 Original Transaction Identification  
 Status: M Max. Occ.: 1  
 Counter: 0100

**Name:** Original Transaction Identification

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
OTI				
110	Application Acknowledgment Code	M ID 1/2	M ID 1/2	<b>TR</b> Transaction Set Reject
128	Reference Identification Qualifier	M ID 2/3	M ID 2/3	<b>IK</b> Invoice Number <b>PO</b> Purchase Order Number <b>SI</b> Shipper's Identifying Number for Shipment (SID)
127	Reference Identification	M AN 1/50	M AN 1/50	IF IK IN OT1:02 = INVOICE NUMBER IF PO IN OT1:02 = PURCHASE ORDER NUMBER IF SI IN OT1:02 = SHIPPING ID (SID)
142	Application Sender's Code	O AN 2/15	N	not used
124	Application Receiver's Code	O AN 2/15	N	not used
373	Date	O DT 8/8	N	not used
337	Time	O TM 4/8	N	not used
28	Group Control Number	C N0 1/9	N	not used
329	Transaction Set Control Number	O AN 4/9	N	not used
143	Transaction Set Identifier Code	O ID 3/3	O ID 3/3	<b>810</b> Invoice <b>855</b> Purchase Order Acknowledgment <b>856</b> Ship Notice/Manifest

**Remark:**

**Example:**

OTI\*TR\*PO\*5372D-45962\*\*\*\*\*855

**Group:** **OTI** Status: M Max. Occ.: 1 OTI-TED

**Group:** **TED** Status: R Max. Occ.: 10 TED

**Segment:** **TED** Seq. No.: 20 Level: 2 **Technical Error Description**  
 Status: M Max. Occ.: 1  
 Counter: 0700

**Name:** **Technical Error Description**

UN/EDIFACT			Implementation		
	Name	St Format	St Format	Use / Remarks	
TED 647	Application Error Condition Code	M ID 1/3	M ID 1/3	<b>008 Out of Range</b> <b>009 Invalid Date</b> <b>010 Total Out of Balance</b> <b>011 Not Matching</b> <b>012 Invalid Combination</b> <b>024 Other Unlisted Reason</b> <b>026 Customer Identification Number is Invalid</b> <b>029 Customer Identification Number Is Missing</b> <b>810 Effective Payment Date is Past</b> <b>C Missing or Invalid Consignee</b> <b>CUR Invalid Currency Code</b> <b>DUP Duplicate Transaction</b> <b>H Missing or Invalid Unit of Measure Code</b> <b>IID Invalid Identification Code</b> <b>IQT Invalid Quantity</b> <b>MB Missing or Invalid Purchase Order Number</b> <b>MC Missing or Invalid Bill of Lading Number</b> <b>MD Missing or Invalid Invoice Date</b> <b>MF Missing or Invalid Internal Vendor Number</b> <b>MH Missing or Invalid DUNS Number</b> <b>MI Missing or Invalid SCAC</b> <b>MID Missing Identification Code</b> <b>MP Missing or Invalid Non-merchandise Code</b> <b>MQ Missing or Invalid Non-merchandise Cost</b> <b>NAU Not Authorized</b> <b>POI Purchase Order Number Invalid</b> <b>Q Missing or Invalid Item Identification</b> <b>UNP Invalid Unit Price</b>	
3	Free Form Message	O AN 1/60	O AN 1/60	Free-form text	
721	Segment ID Code	O ID 2/3	N	not used	
719	Segment Position in Transaction Set	O N0 1/6	N	not used	
C030	Position in Segment	O	N	not used	
722	Element Position in Segment	M N0 1/2	N	not used	
C999	Reference in Segment	O	N	not used	
725	Data Element Reference Number	M N0 1/4	N	not used	
724	Copy of Bad Data Element	O AN 1/99	O AN 1/99	This is a copy of the data element in error.	

**Remark:**

**Example:**

TED\*CUR\*INCORRECT CURRENCY CODE

Segment:

**SE**

Seq. No.: 21 Level: 0  
 Status: M Max. Occ.: 1  
 Counter: 0900

Transaction Set Trailer

Name: Transaction Set Trailer

UN/EDIFACT		Implementation		
	Name	St Format	St Format	Use / Remarks
SE				
96	Number of Included Segments	M N0 1/10	M N0 1/10	
329	Transaction Set Control Number	M AN 4/9	M AN 4/9	

Remark:

Example:

SE\*14\*0001