

Transmission of Dispatch advice messages via EDIFACT-Format DESADV

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1 Introduction

This documentation describes the transmission of **dispatch advice messages** to ANDREAS STIHL AG & Co. KG with EDIFACT format DESADV.

This message transmits dispatch advice data for goods being dispatched to STIHL, therefore it has to be sent when the goods left the suppliers plant.

The data is directly being processed after receipt and is used to inform the material planner about availability and to reduce handling effort in goods receipt process at STIHL.

The transmission is using EDIFACT version **99B**. It was designed as a package oriented message for dispatch advice data and has to be filled according the following specifications.

2 Key fields

The delivery / dispatch note must contain the following information:

- Bill of lading number (Segment group 1 / RFF)
→ currently for STIHL Tirol only
- STIHL material number (Segment group 17 / LIN)
- Delivery note number (Segment group 18 / RFF)
- Scheduling agreement number (Segment group 18 / PIA)
- Sched. agreement line no. (Segment group 18 / PIA)

The information about the scheduling agreement- and line number can be filled in the format "55xxxxxx/yyyy" or as two separate fields.

According to this data the message can be identified clearly.

3 Principles of transmission via EDIFACT version 99B

The message is package oriented and must be filled according to physical packing of the goods. Information of nested packaging is not used and therefore omitted. Additional information about the delivery is stored per package.

The following sequence of segment groups (SG) or segments is mandatory:

HDR	UNH	Message header „DESADV“		
	BGM	Document/message name		
	DTM	Date of document		
	DTM	Dispatch date for goods		
	DTM	Expected delivery date for goods		
	MEA	Number of packages in the delivery		
SG1	RFF	Bill of lading data		
SG2	NAD	Address data		
SG6	TDT	Transport type and data		
	SG10	CPS	Data per package	
	SG11	PAC	Package type	
	SG13	PCI	Unique number / marking of package	
	SG17	LIN	Content of package: Material number	
		PIA	Material number of supplier	
		QTY	Quantity of material in package	
		GIN	Serial numbers	
		DTM	Best before dates	
	SG18	RFF	Reference to delivery / dispatch note	
		DTM	Date of document	
		RFF	Reference to Scheduling Agreement / Order number	
		DTM	Date of document	

The Segment groups HDR, SG1, SG2 and SG6 are sent once per delivery.

The Segment groups 10 - 13 are sent for each package.

If a package contains only one material, segment group 17 and 18 are sent once per package, if a package contains mixed material, the segment group 17 and 18 are sent once per content line item.

According to the definition of EDIFACT messages the header message segment UNB is sent at the beginning of each message, the trailer segment UNT at the end of each message.

4 Segment group description

4.1 Header

The header segments contain administrative data for the transmission/delivery.

No.	Seg.	Elem.	Content / Description
0010	UNH	20/0065 20/0052 20/0054 20/0051	Message type ("DESADV") Message version ("D") Release ("99B") Organization ("UN")
0020	BGM	10/1001 20/1004 30/1225	Identifier for dispatch advice ("351") Reference or delivery number assigned to the transmission. Message function code ("9" = original)
0030	DTM	10/2005 10/2380 10/2379	Identifier document/message date/time ("137") Creation date of message = Shipping date Format CCYYMMDD ("102")
0030	DTM	10/2005 10/2380 10/2379	Identifier dispatch date and or time ("11") Dispatch date Format CCYYMMDD ("102")
0030	DTM	10/2005 10/2380 10/2379	Identifier expected delivery date/time ("191") Expected delivery date at STIHL. If this date cannot be provided, this segment has to be skipped. Please notify STIHL, the date is then calculated according to the shipping date. Format CCYYMMDD ("102")
0050	MEA	10/6311 20/6313 30/6411 30/6314	Identifier consignment measurement ("AAX") Identifier shipped quantity („SQ") Identifier number of packages („NMP") Number of packages in the delivery

4.2 Segment group 1

The data of this segment group is currently used only for STIHL Tirol.

No.	Seg.	Elem.	Content / Description
0090	RFF	10/1153 10/1154	Identifier for Bill of Lading number ("BM") Bill of lading number

4.3 Segment group 2

Segment group 2 is used to transmit address data and partner numbers of supplier and customer. The address data within the segment is optional..

No.	Seg.	Elem.	Content / Description
0120	NAD	10/3035	Identifier for Seller ("SE")
		20/3039	Supplier number (assigned by STIHL)
		20/3055	Identifier for "assigned by buyer" ("92")
		40/3036	Company name (if multi-line, separated by colons)
		50/3042	Street and number
		60/3164	Location
		70/3229	Region (or blank)
		80/3251	Zip code
		90/3207	Country
0120	NAD	10/3035	Identifier for Buyer ("BY") – Example for Stihl Germany
		20/3039	STIHL customer number for supplier
		20/3055	Identifier for "assigned by seller" ("91")
		40/3036	Company name ("ANDREAS STIHL AG & Co. KG")
		50/3042	PO Box ("Postfach 17 71")
		60/3164	Location ("Waiblingen")
		70/3229	Region ("08" = Baden-Württemberg)
		80/3251	Zip code ("71307")
		90/3207	Country ("DE" = Deutschland)

4.4 Segment group 6

Details of transport.

No.	Seg.	Elem.	Content / Description
0250	TDT	10/8051	Transport stage code qualifier „main route“ ("20")
		30/8067	Transport mode name code according UN/ECE recommendation
		40/8179	Means of transport (6 = Air, 8 or 11 = Ship, 31 = Truck, 72 = Rail)
		80/8213	Transport means identification name (license plate, name of ship, ...)

4.5 Segment group 10

A group of segments providing details of all package levels and of the individual dispatched items contained in the consignment. The segment is sent for each package.

No.	Seg.	Elem.	Content / Description
0400	CPS	10/7164	Hierarchical structure level identifier
		20/7166	Hierarchical structure parent identifier. For nested packages only.
		30/7075	Indication of level of packaging, normally identifier "Outer" („3"). For nested packages the level (3 = outer packaging, 2 = intermediate, 1 = inner packaging). Example: pallet with cartons that are individually labelled. The pallet gets indicator 3, the single cartons indicator 2 and in the field 7166 the identifier of the pallet.

4.6 Segment group 11

Details for package / physical unit. This segment is sent once per package.

No.	Seg.	Elem.	Content / Description
0440	PAC	10/7224 30/7065 30/3055	Each package is described separately therefore always 1 Package type description code (VDA recommendations) e.G. "0000PAL" = Pallet, not specified "0000SCH" = Box, not specified Code list responsible agency code „ 204 “ = DE, VDA (Verband der Automobilindustrie e.V.)

4.7 Segment group 13

A group of segments specifying markings, labels, and packing numbers. The segment is sent once per package.

No.	Seg.	Elem.	Content / Description
0510	PCI	10/4233 20/7102 40/7511 40/3055	Marking instructions, coded. Either according customer („ 16 “) or SSCC („ 30 “). Unique package number / Shipping marks Type of marking, coded (1J, 5J, 6J) Code list responsible agency code 5= ISO

4.8 Segment group 17

A group of segments providing details of the individual dispatched items. This segment is sent once for a package containing only one material or multiple times for packages containing mixed material.

No.	Seg.	Elem.	Content / Description
0660	LIN	30/7140 30/7143	Material number Stihl Item type identification code "Buyer's part number " (" BP ")
0670	PIA	10/4347 20/7140 20/7143	Additional identification (" 1 ") Material number supplier Identifier for supplier's article number (" SA ")
0670	PIA	10/4347 20/7140 20/7143	Additional identification (" 1 ") Suppliers batch/lot number, also datecode Identifier for supplier's batch/lot number (" BB ")
0700	QTY	10/6063 10/6060 10/6411	Identifier for discrete quantity (" 1 ") Quantity of material in this package Unit of measure according to UN/ECE EA = pieces/each PCE = pieces KGM = kilogram LTR = liter MTR = meter

	GIN	7405 7402	Identifier for serial number („BN“) Serial number
	DTM	2005 2380 2379	Identifier for „Best before date“ („361“) Best before date Format CCYYMMDD („102“)

4.9 Segment group 18

A group of segments to give reference numbers and dates. This segment contains data to reference the package to the delivery / dispatch note.

No.	Seg.	Elem.	Content / Description
0830	RFF	10/1153 10/1154 10/1156	Identifier for Dispatch note number ("AAU") Delivery / dispatch note number Delivery / dispatch line number
0860	DTM	10/2005 10/2380 10/2379	Identifier document/message date/time ("137") Creation date of document Format CCYYMMDD ("102")
0830	RFF	10/1153 10/1154 10/1156	Item type identification code customer order no. ("ON") Scheduling agreement no / Order no. (see chapter „key fields“) Scheduling agreement item no / Order item no.
0860	DTM	10/2005 10/2380 10/2379	Identifier document/message date/time ("137") Creation date document Format CCYYMMDD ("102")

4.10 Trailer

No.	Seg.	Elem.	Content / Description
1150	UNT		Trailer according EDIFACT specification