VDA Verband der Automobilindustrie

Packaging Delivery - Despatch Advice

VDA 4943

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Process description

This Recommendation describes the use of UN/EDIFACT standard message DESADV for Packaging delivery – early notification and despatch advice.

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1 Packaging Delivery – Early Notification

In the push process of Packaging Management (see VDA 5007 or Odette LXXX) the Packaging manager calculates the empty packaging demand of the suppliers based on the delivery instructions issued for the supplier and packaging accounting figures available stock at the supplier.

In order to improve process stability, the packaging manager can send early notifications to the suppliers containing information on scheduled shipments.

If an information exchange with EDI messages is intended, the use of UN/EDIFACT standard message DESADV according to annexe 1 of this document is recommended.

2 Packaging Despatch Advice

In both process variants, the push and the pull process (see VDA 5007 or Odette LG14), the sender of empty packaging (ship-from) issues information on the actual shipment to the packaging receiver.

If an information exchange with EDI messages is intended, the use of UN/EDIFACT standard message DESADV according to annexe 2 of this document is recommended.

The message can also be distributed to other partners in the empty package supply chain to inform them and organise service activities along the transport chain.

The following example illustrates how the message is used for the empty packaging delivery process.

Assuming a pull process and the supplier has ordered following quantities:

ORDERS (4)	Order date	15. Sep		
	Order No.	111004		
	Requested delivery date	04. Oct.		
	POS	1	5	000PAL
		2	60	KLT6428
		3	5	LID123

For transport purposes the packaging items are commissioned as transport handling units each consisting of 1 pallet 000PAL, 12 small load carriers KLT6428 and one lid LID123. Such a bundle is referred to as “Gebinde A” by the packaging manager and “BUNDLE A” by the supplier.

The packaging manager uses release authorisation numbers for their shipments.

Once the shipment is prepared, the transport is loaded, and the means of transport is departing the sender issued the following DESADV message:

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UNA:+.? '	Service string advice
UNB+UNOC:3+ODA001X3:59:123+987654321:1:LEFAS+161003:1446+144659'	Interchange header
UNH+12345+DESADV:D:07A:UN:GBOI10'	Message header
BGM+X09::10:Packaging despatch advice+2016-32454'	Begin of message, message function and number
DTM+137:20161003:102'	Message date
DTM+2:20161004:102'	Requested delivery date
DTM+132:20161004:102'	Estimated arrival date
DTM+11:20161003:102'	Despatch date
MEA+AAE++C62:5'	5 transport loading units
MEA+AAX+AAD+KGM:90'	Gross weight 90 kg
MEA+AAX+ABJ+MTQ:5.3'	Volume 5.3 m3
RFF+CRN:SH123'	Shipment number SH123
RFF+TIN:TO2016-543'	Transport order number
RFF+AKI:20167687'	Transport chain reference
RFF+AAM:WB12345'	Waybill number
NAD+MR+776655::O91++Supplier Inc.:Automotive Division+Windsor Road 51+London++W5 3UP+GB'	Message receiver
NAD+MS+987654321::16++Car Manufacturing Inc.+Breite Straße 23+Berlin++13156+DE'	Message sender, DUNS-Number and address
NAD+SF+987654321::16++Car Manufacturing Inc.+Breite Straße 23+Berlin++13156+DE'	Ship-from, DUNS-Number and address
LOC+9+Yard 5::O91'	Loading point
NAD+ST+77665501::O91++Supplier Inc.:Plant Oxford+Mars Business Park:Gate 25+Oxford++OX2 8AB+GB'	Ship-to
LOC+11+Dock 15::O92'	Unloading point
RFF+ANK:123456799'	Ship-to's DUNS number
NAD+EQ+987654321::16++Car Manufacturing Inc.:Packaging Management Dept.+Breite Straße 23+Berlin++13156+DE'	Packaging manager
NAD+FW+88776655::O91++Global Transports+71 Great Peter Street+London++SW1P 2BN+GB'	Forwarder
RFF+ANK:473254123'	Forwarder's DUNS number
NAD+CA+88776655::O91++Global Transports+71 Great Peter Street+London++SW1P 2BN+GB'	Carrier

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RFF+ANK:473254123'	Carrier's DUNS number
RFF+ADE:123456789'	Carrier's account number with transport ordering party
TDT+12+Tour1+30++++ZZZ:X:X+XAB 123E::91::GB'	Transport details: at departure, road transport, license plate of the truck
CPS+1++3'	Group of TPUs
PAC+5++Gebinde A::O91+S:Bundle A:O92+:11'	5 Packages, package type code GEBINDE A
MEA+AAZ+LN+MMT:120'	Length 120 mm
MEA+AAZ+WD+MMT:80'	Width 80 mm
MEA+AAZ+HT+MMT:110'	Height 110 mm
MEA+ABU++C62:2'	Stackability for transport 2 layers
MEA+AAZ+ABJ+MTQ:1.06'	Volume 1.06 m3
QTY+171:3:C62'	Stackability for storage 3 layers
PCI+17+++J::5'	Data identifier for the label ID (license plate): J
GIN+ML+UN987654321000012345+UN987654 321000012347+UN987654321000012346+UN9 87654321000012350+UN987654321000012362'	Label IDs of the 5 TPU
COD+NO'	Trigger
MEA+AAZ+AAB+KGM:18'	Gross weight of a TPU: 18 kg
Bill of material of the TPU	1 TPU consist of:
LIN+1++000PAL:O91'	Package type code of pallet
QTY+12:1:C62'	1 piece per TPU
LIN+2++KLT6428:O91'	Package type code of the small load carrier
QTY+12:12:C62'	12 pieces per TPU
LIN+3++LID123:O91'	Package type code of the lid
QTY+12:1:C62'	1 piece per TPU
CPS+2++5'	Summarised delivery figures
LIN+2++KLT6428:O91'	Package type code of the small load carrier
IMD+B++:::Small Load Carrier 60x40x28::en'	Package description
QTY+12:60:C62'	Total delivery quantity 60 pieces
MOA+40:450:EUR'	Customs value
RFF+AAU:2016-45453:1'	Delivery note number and position
RFF+ON:111004'	Reference to order number
DTM+171:20160915:102'	Order date
RFF+AAP:RAN3'	Release authorisation number
LIN+3++000PAL:O91'	Package type code of the pallet
IMD+B++:::Pallet 120 x 80 x 15 cm (wood)::en'	Package description

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QTY+12:5:C62'	Total delivery quantity 5 pieces
MOA+40:90:EUR'	Customs value
RFF+AAU:2016-45453:2'	Delivery note number and position
RFF+ON:111004'	Reference to order number
DTM+171:20160915:102'	Order date
RFF+AAP:RAN1'	Release authorisation number
LIN+4++LID123:O91'	Package type code of the lid
IMD+B++:::LID 120 x 80 cm::en'	Package description
QTY+12:5:C62'	Total delivery quantity 5 pieces
MOA+40:50:EUR'	Customs value
RFF+AAU:2016-45453:3'	Delivery note number and position
RFF+ON:111004'	Reference to order number
DTM+171:20160915:102'	Order date
RFF+AAP:RAN5'	Release authorisation number
UNT+71+12345'	Message trailer
UNZ+1+144659'	Interchange trailer

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3 Annexe

1. VDA 4943 Part 1 – Global DESADV – Packaging Delivery – Early Notification
2. VDA 4943 Part 2 – Global DESADV – Packaging Delivery – Despatch Advice

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