

# Per-Olof Gustavsson

Volvo Information Technology AB

EDI & Business Integration Services

Tel: +46 31 3222867 (office and mobile)

E-mail: [per-olof.gustavsson@volvo.com](mailto:per-olof.gustavsson@volvo.com)

# Översiktlig beskrivning Av Global Despatch



## Team Players



Tonie Barnett  
Irv Chmielewski  
Susan McLarty  
Wes Meckstroth  
David Myers  
Pat Toufar



Reinhard Falke  
Per-Olof Gustavsson  
Werner Mock  
Alfons Oer  
David Fernandez  
  
Jörg Walther



Yoshikazu Shiozawa  
Hiroaki Shibuki  
Haruo Fujiwara  
Takeshi Imada  
Michio Kawada  
Yoshihide Sano  
Taketora Seto  
Yoshiyuki Iwatomi  
Yoshitaka Morikawa

## Global Involvement...from Global Companies



# **Global DESPATCH**

## **A Joint Automotive Industry Project**

### **Projektmål:**

- Dokumentera regionala affärsprocesser och behov
- Ta fram en harmoniserad affärsprocessmodell
- Ta fram en datamodell som möjliggör översättning till tekniska specifikationer för EDIFACT, XML och andra framtida format

# Global DESPATCH

## A Joint Automotive Industry Project

- **Projektmål:**
- Ta fram meddelandebeskrivningar och guidelines enligt EDIFACT
- Fortsätta på termkatalogen (the Glossary) som är gemensam för alla globala meddelanden. (DESADV, INVOIC, RECADV, REMADV, DELFOR etc.)

# **Global DESPATCH**

## **A Joint Automotive Industry Project**

### **Resultat:**

- Rekommendationer som stöds av fordonsindustrin i USA, Europa och Japan
- Beaktar alla kända affärskrav inom dessa regioners fordonsindustri
- Detaljerad Guideline (450 sidor)

# Nyheter och förändringar jämfört med gällande Odette-meddelande (1)

- Bakåtkompatibelt med AVIEXP V5R1
- Täcker de gamla affärsbehoven
  - Artikeldrivet meddelande
  - Innerförpackning kopplat till artikel
  - Blandade artiklar på pall
  - Referens från inner- till ytterförpackning via RFF



## Nyheter och förändringar jämfört med gällande Odette-meddelande (2)

- Shikyu process – Japansk företeelse
- Flera förpackningsnivåer kan anges
- Mappning mellan inner- och ytterförpackning med parent-child relation.
- Innerförpackning utan kollinummer
- Förpackningsdrivet meddelande möjligt

## Nyheter och förändringar jämfört med gällande Odette-meddelande (3)

- Consignee ändrad till Ship To
- Consignor ändrad till Ship From





### Innehåll:

- Introduktion
- Affärsprocessmodellen
- Datamodellen
- EDIFACT- spec.
- Exempel
- Termkatalog

# Exempel på affärsprocessmodell

## Business Domain Use Case Description - Case 1 (Physical)

Use Case Name	Shipping and Receiving Process (Case 1)
Actors	Buyer, Seller
Description	The Use Case shows the general shipment process directly from Supplier to Customer involving the movement of goods.
Pre-condition	An order is received by the Supplier from the Customer mandating a shipment.
Post condition	Goods are received and accepted by the Customer or returned to the Supplier.
Begins when	The Supplier sends the shipment to the Customer.
Scenario	<u>Shipment of Goods</u> Based on the agreed order and/or delivery instructions, Supplier ships parts to Customer. Customer either receives and accepts the shipment, or returns unacceptable material to the Supplier.
Ends when	Goods are either delivered to the Customer or returned to the Supplier.
Trace ability	1.0



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# Datamodell



# Datamodell och mappning till DESADV

## Global Despatch Message Advice

### Data Model Details an Mapping to UN/EDIFACT Standard Message DESADV

			Applicable codes:
			102 CCYYMMDD
			203 CCYYMMDDHHMM
<b>CalculationDate</b>	O	1 Description:	The date, the computer system created the message. It might be different from the message date itself.
<b>Date</b>	M	1 Data type:	datetime
		Description:	Date, time or period
		Mapping:	DESADV.DTM[D_2005="257"].C507.2380(0030:010:02)
<b>DateFormatCoded</b>	O	1 Data type:	DateFormatCode
		Description:	Code specifying the representation of a date, time or period.
		Mapping:	DESADV.DTM[D_2005="257"].C507.2379(0030:010:03)
			Applicable codes:
			102 CCYYMMDD
			203 CCYYMMDDHHMM
<b>ListOfReferences</b>	O	1 Remarks:	A total of 10 references is possible. The qualified references appear one times each, the element message references has a maximum occurrence of 10 minus the number of qualified reference sent.
<b>TransportDocumentReference</b>	O	1 Description:	A reference to a document created by the carrier like freight waybill or express carrier tracking number.
		Remarks:	Assigned by carrier
<b>ReferencelIdentifier</b>	O	1 Data type:	string1..35
		Description:	Referenced document number/ identifier
		Mapping:	DESADV.SG1[D_1153="AAS"].RFF.C506.1154(0090:010:02)
<b>LineNumber</b>	O	1 Data type:	string1..6
		Description:	Line number within referenced document
		Mapping:	DESADV.SG1[D_1153="AAS"].RFF.C506.1156(0090:010:03)
<b>ReferenceDate</b>	O	1 Description:	Date on which a referenced document was issued or a referenced event has taken place.





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# DESADV meddelandet

## JAI GLOBAL DESPATCH

### UN/EDIFACT Message: Segment details

Segment:

**UNH**
 Seq. No.: 1 Level: 0  
 Status: M Max. Occ.: 1  
 Counter: 0010

Message header

Name: Message header

## Description of segment:

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Comments
UNH				
0062	Message reference number	M an..14	M an..14	Message reference number
S009	Message identifier	M	M	
0065	Message type	M an..6	M an..6	DESADV = Despatch advice message A code to identify the despatch advice message.
0052	Message version number	M an..3	M an..3	D = Draft version/UN/EDIFACT Directory Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message



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# Exempel

UNB+UNOA:2+SENDERID:92+RECEIVERID:92+011116:0752+111607514++DESADV++++1'	Header Information (sender, receiver, etc)
UNH+111607515+DESADV:D:00A:UN'	Document type
BGM+351+196809+9'	Beginning Message control number
DTM+137:200111160752:203'	Document creation date/time
DTM+11:200111150751:203'	Document Ship date/time
MEA+AAE++C62:1'	Number of handling units in shipment, unit of measure C62 = One
MEA+AAX+AAD+KGM:24'	Gross weight in kilograms
MEA+AAX+AAL+KGM:20'	Net weight in kilograms
RFF+CRN:40403507'	Conveyance reference number
RFF+MB:196809'	Master bill of lading
NAD+BY+12345::92'	Buyer party mutually defined
NAD+SE+012345678::16'	Seller party DUNS #
TDT+12++30+31+HMES::182'	Transport details: at departure, road transport, truck, carrier: HMES (US standard carrier alpha code)
EQD+TE+HMES208304'	Equipment details: trailer, ID HMES208304
CPS+1++4'	Packaging: no inner package (simplified handling unit)
LIN+++12121212:IN'	Item Number
PIA+1+2:CL'	Color number
QTY+12:500:EA'	Despatched quantity, EA = Each
QTY+21:16000:EA'	Ordered quantity
RFF+ON:ORDER123'	Purchase Order Number
UNT+20+111607515'	Segment counter
UNZ+1+111607514'	Ending segment



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# Termkatalog (Glossary)

## SECTION 6.0 – GLOSSARY OF BUSINESS TERMS

### Glossary

#### ACCEPTANCE LOCATION

Place at which the goods are taken over by the carrier

Source:  
JAMA/JAPIA

#### ACTIVITY DIAGRAM

The activity diagram displays a sequence of activities including alternative and concurrent execution.

Source:  
BPAWG

#### ACTORS

An actor represents a role played in relation to a use case by someone or something in the business domain.

Source:  
BPAWG

#### ACTUAL DATE OF THE PERIOD OF INTERVAL GROUPING OF THE DELIVERY

Actual from and to date of the period of interval grouping of the delivery of the schedule  
Date indicating from and to of the actual delivery period.

Source:  
JAMA/JAPIA

#### ACTUAL SHIPPING DATE/TIME

Date/time when the supplier ships parts based on the customer's request

Source:  
JAMA/JAPIA

#### AIAG

Automotive Industry Action Group - A trade association working to increase member productivity through a cooperative effort of North American vehicle manufacturers and their suppliers.

Source:  
AIAG

