

**Vad gör Odette Sweden inom RFID? Vilken är kopplingen mellan RFID och Odette-konceptet?**

**Odette Sweden RFID project. What are the links between RFID and Odette standards/recommendations?**

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Created in the end of 2004

Main scope:

- Learning together
- Promote usage of RFID
- Exchange of information on pilot projects
- Participation in national R & D projects at universities
- Link to and part of European and global activity through Odette International
- Overview of legal and regulatory issues in contact with regulatory agencies

# Odette Sweden RFID Project team members

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# Links between RFID and Odette standards/recommendations?

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Odette Auto Id standards/recommendations cover:

## **Applications**

Label design, label content, label size, functionality, etc

## **Data content**

Data Identifiers, data elements, data carriers (symbologies), etc

## **Quality**

References to standards on quality requirements on printing, symbols, printing material, error correction level, etc

# Odette Auto Id standards/recommendations

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## Odette Transport Label V1 and V3

- V1 since nearly 20 years, very much used
- V3 is a minor update that was done recently to add information from new message versions

## Global Transport Label

- This was published in 2003 but it is not used very much (yet)
- Introduces "License Plate"

## In pipeline

- New Odette recommendation on Traceability and Product Identification
- Several variants of GTL, like Odette Sweden DTL (Distribution Transport Label)

# Links between RFID and Odette standards/recommendations?

## Odette Transport Label

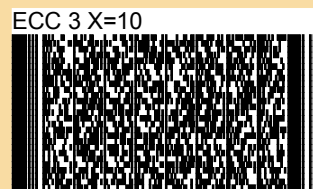
MOTTAGARE <b>SCANIA - CHASSIE SODERTALJE SWEDEN</b>		PORT/ÖRDRAG <b>230G/230</b>	
POLRESERVE (04) <b>12345678</b>		AVSÄNDARENS NAMN & ADRESS	
ARTIKELNUMMER (07) <b>1234567</b>		NETTOVÄKT (KG) <b>320</b>	BRUTTOVÄKT (KG) <b>370</b>
ARTIKEL (05) <b>160</b>		REFERENSNUMMER <b>BRACKET</b>	
LEVERANTÖRSNUMMER (03) <b>1234</b>		TEKNIKNUMMER <b>111222333</b>	
KOLLEKTORNR. (08/09) <b>100000331</b>		DATUM <b>D960301</b>	TERMINUSSTATUS <b>12345</b>

## Global Transport Label

<b>A1</b> SHIP FROM	<b>A2</b> SHIP TO	<b>A3</b> 2D SYMBOL
<b>B1</b> CUSTOMER REFERENCE #1	<b>B2</b> CUSTOMER ROUTING INFORMATION	<b>B3</b> LOGISTICS REFERENCE
<b>C</b> CUSTOMER PART NUMBER		
<b>D1</b> LICENSE PLATE		<b>D2</b> CUSTOMER REFERENCE #2
<b>E1</b> SUPPLIER AREA	<b>E2</b> CUSTOMER REFERENCE #3	



1J OD ABCD 12F456H89



What's new:

License Plate

Possibility to use 2D symbologies

New linear symbology, Code 128

# Traceability and Product Identification

Odette has made a draft recommendation for Traceability and Product Identification:

<b>Alternative 1 Component part documentation</b>	<b>Marking with a unique serial number for a single part or a unique batch/lot number</b>
<b>Alternative 2 Package documentation</b>	<b>License plate on the packaging or container</b>
<b>Alternative 3 Shipment note documentation</b>	<b>Assigning shipment note number on shipment note document</b>



Product Identification using 2D

# Examples of expected future usage of "new" Auto Id in automotive

	Code 128	2D symbol	RFID
License Plate	x		x
Unique product identification	x	x	x

## Some issues

Data content should be the same independant of data carrier  
Selection of Issuing Agency for company codes



# Odette International - RFID

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Odette International is preparing the creation of a RFID Project team

At present there is RFID activity in Germany and Sweden

## **Expected scope**

- Standardisation, incl information content
- Legal requirements on RFID
- Exchange of information on implementation projects
- Part of global automotive network on RFID (coordination meeting with AIAG on April 12)