



## **DAILY CUMULATED RECEIVING ADVICE**

# **RECADV**

### Implementation Guidelines

Detailed description of RECADV message used for EDI between  
*ŠKODA AUTO* a. s. and suppliers



This description is based on ODETTE documentation. Detailed information you can find in ODETTE documentation for SYNTAX and UN/EDIFACT documentation for RECADV.

### Global features of transmission

Message standard	<b>UN / EDIFACT</b>
Syntax	<b>EDIFACT versn. 2 - DIN/ISO 9735</b>
Data elements	<b>Directory UN/TDED - ISO 7372</b>
Character set	<b>A</b>
Message	<b>RECADV Based on D97A</b>

### The Business Function Covered by the Message

This message, sent by the customer to the supplier within JiT- process once a day after a daily production (0 - 24h), is intended to advise the supplier about received and accepted goods by customer. The Daily Cumulated Despatch Advice replaces a Despatch Advice sent by the supplier to the customer which is usually used within non-JiT processes.

Part numbers and amounts transmitted within the message are a basis for invoicing goods that was delivered based on Synchronised Call-offs according to Vehicle Identification Number ("Kenn-Nr."). The data source for invoiced items is a daily summary of call-offs within FIS-JiT system.



## Structure of RECADV transmission - segments sent within one transmission

<i>UNB</i>			<i>Interchange Header</i>	<i>Service segment</i>
<i>UNH</i>			<i>Message Header</i>	<i>Service segment</i>
BGM			Beginning of Message	RECADV
DTM			Message Date/Time	RECADV
RFF			Despatch Advice Number	RECADV
	DTM		Despatch Advice Date/Time	RECADV
NAD			Customer	RECADV
NAD			Consignee	RECADV
	LOC		Final destination	RECADV
NAD			Supplier	RECADV
	LOC		Place of Loading	RECADV
CPS			Consignment Packaging Sequence	RECADV
	LIN		Part Number	RECADV
		PIA	Order Number	RECADV
		QTY	Quantity	RECADV
		GIN	Vehicle Identification	RECADV
		...		
		GIN	Vehicle Identification	RECADV
		...		RECADV
		LIN (PIA, QTY, GIN, ..., GIN)		RECADV
	CPS			RECADV
		LIN (PIA, QTY, GIN, ..., GIN)		RECADV
	...			
<i>UNT</i>			<i>Message Trailer</i>	<i>Service segment</i>
<i>UNZ</i>			<i>Interchange Trailer</i>	<i>Service segment</i>

### Remarks:

1. Segments within transmission are ordered as written above.
2. Number of repeating of segments is described in following tables.



## Explanation notes on a message description

Level					Seg ment	Tag	Sta tus	Rpts	Format Skoda	Data content
0	1	2	3	4						
1					NAD		M	1		NAME, ADDRESS <u>SUPPLIER</u> (Consignor)
					3035		m		an..3	PARTY QUALIFIER 'CZ' – Supplier (Consignor)
					C082		c			SUPPLIER (CONSIGNOR) IDENTIFICATION
					3039		m		an..20	<p>Skoda supplier number  <i>aaaaaa</i> – 6 digits incl. index (without slash)                      Note: In the medium term the supplier number will be transmitted as 10-digit (8 digits plus 2 digits index).</p> <p><b>Data content :</b>                      an explanation of data used by Skoda Auto                      'XX' – constant value                      xxxxxx – variable value in Skoda Auto format</p> <p><b>Format Skoda :</b>                      data element type incl. max. length used                      a – alphabetic                      n – numeric                      an – alphanumeric</p> <p><b>Rpts :</b>                      max. possible repetition of a segment                      /n represents number of repetition within Škoda Auto message</p> <p><b>Status :</b>                      M – mandatory segment / data element                      C – conditional segment / data element</p> <p><b>Tag :</b>                      name of single / composite data element                      name of component data element</p> <p><b>Segment :</b>                      name of segment / SGoup of segments</p>
<p><b>Level :</b>                      hierarchical level of a segment within EDIFACT message structure</p>										



Level					Seg ment	Tag	Sta tus	Rpts	Format Skoda	Data content	
0	1	2	3	4							
0					UNB		M	1		INTERCHANGE HEADER <i>Service segment</i>	
						S001	m				SYNTAX IDENTIFIER
						0001	m		a4		Syntax identifier UNO for EDIFACT syntax followed by level identifier A 'UNOA'
						0002	m		n1		Syntax version number '2'
						S002	m				INTERCHANGE SENDER
						0004	m		an..35		Sender identification, ODETTE-ID of interchange sender i.e. '00013000001VW~~~~~R11'
						S003	m				INTERCHANGE RECIPIENT
						0010	m		an..35		Recipient identification, ODETTE-ID of interchange recipient
						S004	m				DATE/TIME OF PREPARATION
						0017	m		n6		Date of interchange preparation - <i>YYMMDD</i>
						0019	m		n4		Time of interchange preparation - <i>HHMM</i>
					0020	m		an..14		INTERCHANGE CONTROL REFERENCE Unambiguous reference number issued by the sender to track the transaction. See also UNZ.	
0					UNH		M	1		MESSAGE HEADER <i>Service segment</i>	
						0062	m		an..14		MESSAGE REFERENCE NUMBER UNH is counted through for each data transmission. See also UNT.
						S009	m				MESSAGE IDENTIFIER
						0065	m		an..6		'RECADV' - Message type
						0052	m		an..3		'D' - Message version number
						0054	m		an..3		Message release number '97A'
						0051	m		a2		'UN' - Controlling agency



Level				Seg ment	Tag	Sta tus	Rpts	Format Skoda	Data content
0	1	2	3						
1				BGM		M	1		<b>BEGINNING OF MESSAGE</b> Document Type and Number
					C002	c			DOCUMENT / MESSAGE NAME
					1001	c		an..3	Message type coded '632' - Receiving Advice
					1004	c		an..17	DOCUMENT / MESSAGE NUMBER Message serial number
				1225	c		an..3	MESSAGE FUNCTION '9' - Original, message is transmitted by this way only	
1				DTM		M	10/1		<b>DATE / TIME / PERIOD</b>
					C507	m	1		DATE / TIME
					2005	m		an..3	Date / time qualifier '137' - Date of message creation
					2380	c		a12	Date/time <i>CCYYMMDDHHMM</i>
				2379	c		an..3	Date / time format qualifier '203'	



Level					Seg	Tag	Sta	Rpts	Format	Data content	
0	1	2	3	4	ment		tus		Skoda		
	1				SG01		C	10/1		REFERENCE TO MESSAGE Once within a message	
	1				RFF		M	1		DOCUMENT TYPE AND NUMBER	
						C506	m				DOCUMENT TYPE AND NUMBER
						1153	m			an..3	Document type qualifier 'AAU' - Receiving advice for JIT - Synchronised call-offs 'ALO' - Receiving advice for JIT - Additional call-offs
						1154	m			an..8	Receiving advice number assigned by Skoda Auto in accordance to agreement with supplier This number is a basis for invoicing.
	2				DTM		M	1		DATE / TIME OF DOCUMENT CREATION	
						C507	m		1		DATE / TIME
						2005	m			an..3	Date / time qualifier '171' - Date of issue of Receiving advice
						2380	c			a8	Date / time CCYYMMDD
						2379	c			an..3	Date / time format qualifier '102'



Level				Seg ment	Tag	Sta tus	Rpts	Format Skoda	Data content	
0	1	2	3							4
	1								<b>PARTNER INFORMATION</b> <i>Repetition of SG04 just 3 times within a message</i>	
	1	NAD		M		1			<b>NAME, ADDRESS CUSTOMER</b>	
			3035	m				an..3		PARTY QUALIFIER 'BY' - Customer
			C082	c						CUSTOMER IDENTIFICATION
			3039	m				an..20		Customer name. If not otherwise bilaterally agreed, <u>marque name is set as default.</u> 'SKODA' 'VW' - Volkswagen 'Audi' 'SEAT' 'VWB' - Volkswagen Brussels 'VWN' - Volkswagen Commercial Vehicles 'VWS' - Volkswagen Saxony (Mosel)
			3055	c				an..3		Code list responsible agency '92' - Qualifier if marque name used '91' - Qualifier if customer number agreed
	1	NAD		M		1			<b>NAME, ADDRESS RECIPIENT OF GOODS (Consignee)</b>	
			3035	m				an..3		PARTY QUALIFIER 'CN' - Recipient (Consignee)
			C082	c						RECIPIENT (CONSIGNEE) IDENTIFICATION
			3039	m				an..20		Skoda Auto plant coded - <i>nm</i> (2 digits) '31' - Mladá Boleslav '32' - Vrchlábí '33' - Kvasiny
			3055	c				an..3		Code list responsible agency '92' - Qualifier if customer's code used
	2	LOC		C		1			<b>PLACE / LOCATION IDENTIFICATION</b>	
			3227	m				an..3		PLACE / LOCATION QUALIFIER '159' - Detail identification / Final destination
			C517	c						LOCATION IDENTIFICATION
			3225	m				an..17		<i>aaaaa</i> - (5-digit) Final destination, coded
			3055	c				an..3		Code list responsible agency '92' - Qualifier if customer's code used





Level 0 1 2 3 4				Seg ment	Tag	Sta tus	Rpts	Format Skoda	Data content
1				SG04		C	10/3		<b>PARTNER INFORMATION</b> <i>Repetition of SG04 just 3 times within a message</i>
1				NAD		M	1		NAME, ADDRESS <u>SUPPLIER</u> (Consignor)
					3035	m		an..3	PARTY QUALIFIER 'CZ' - Supplier (Consignor)
					C082	c			SUPPLIER (CONSIGNOR) IDENTIFICATION
					3039	m		an..20	Skoda supplier number <i>aaaaaa</i> - 6 digits incl. index (without slash) Note: In the medium term the supplier number will be transmitted as 10-digit (8 digits plus 2 digits index).
					3055	c		an..3	Code list responsible agency '92' - Qualifier if marque name used '91' - Qualifier if customer number agreed
2				LOC		C	1		<b>PLACE / LOCATION IDENTIFICATION</b>
					3227	m		an..3	PLACE OF LOADING QUALIFIER '159' - Detail identification / Supplier's plant
					C517	c			LOCATION IDENTIFICATION
					3225	m		an..2	<i>nn</i> - (2-digit) Index of supplier's plant (today 1 digit only)
					3055	c		an..3	Code list responsible agency '92' - Qualifier if customer's code used



Level					Seg ment	Tag	Sta tus	Rpts	Format Skoda	Data content
0	1	2	3	4						
	1				SG16		C	9999/ n		CONSIGNMENT PACKAGING SEQUENCE
	1				CPS		M	1		CONSIGNMENT PACKAGING SEQUENCE
						7164	m		an..12	HIERARCHICAL ID NUMBER CPS segments are counted through within message
						7075	c		an..3	PACKAGING LEVEL '4' - No packaging hierarchy
					SG22		C	9999/ n		PART / ITEM NUMBER
	2				LIN		M	1		PART NUMBER
						1082	c			POSITION ON RECEIVING ADVICE
						C212	m			PART NUMBER IDENTIFICATION
						7140	m		an..35	Skoda Auto part number (item number) <i>t t t m m m u u u i i f f f</i> where ttt - Type designation mmm - Mid-group uuu - Sub-group ii - Index fff - Colour code poss. logistics code
						7143	c		an..3	Item number type, coded 'IN' - Customer part number qualifier



Level					Seg ment	Tag	Sta tus	Rpts	Format Skoda	Data content
0	1	2	3	4						
			<b>3</b>		PIA		<b>C</b>	<b>1</b>		<b>ADDITIONAL PRODUCT ID</b>
						4347	m		an..3	FUNCTION QUALIFIER '1' - Additional identification
						C212				ITEM NUMBER IDENTIFICATION
						7140	c		an..6	Order number '000055' - Productive parts order
						7143	c		an..3	Item number type 'ON' - Customer order number
						C212	c			ITEM NUMBER IDENTIFICATION
						7140	c		an..10	Charge number
						7143	c		an..3	Item number type 'BB' - Lot number 'AA' - Product version number
			<b>3</b>		QTY		<b>M</b>	<b>1</b>		<b>QUANTITY</b>
						C186	m			RECEIVED QUANTITY
						6063	m		an..3	Quantity qualifier '194' - Received and accepted (JiT)
						6060	m		n..15	Quantity For JiT- Process - quantity that was called off by Synchronised Call-offs within the last 24 hrs
						6411	m		an..3	Measure unit qualifier 'PCE' - see ODDC025 'KGM' - see ODDC025



Level				Seg ment	Tag	Sta tus	Rpts	Format Skoda	Data content
0	1	2	3						
				<b>SG26</b>		<b>C</b>	<b>99/n</b>		<b>GOODS IDENTITY</b>
			<b>3</b>	GIN		<b>C</b>	<b>1</b>		<b>VEHICLE IDENTIFICATION NUMBER</b>
					7405	m		an..3	IDENTITY NUMBER QUALIFIER <b>'AN'</b> - Vehicle identity number
					C208	m	1		IDENTIFICATION NUMBER - RANGE
					7402	m		an..35	'Kenn-Nr.' - from (Code number) <b>YYWWDnnnnP</b> 10-digit where YY - Target production year WW - Calendar week (ZP-8 planning date) D - Day of week (ZP-8 planning date) nnnn - Sequence no. unambiguous per day of a week P - Test digit (Modulo 10, calculated via WWDnnnn) <u>Calculation method:</u> Code No. (WWDnnnn only) : K <sub>1</sub> K <sub>2</sub> K <sub>3</sub> K <sub>4</sub> K <sub>5</sub> K <sub>6</sub> K <sub>7</sub> $X = (K_1 + K_3 + K_5 + K_7) * 3 + K_2 + K_4 + K_6$ $X / 10 = Y \text{ carry } Z$ if carry Z unequal to 0, test digit P = 10 - Z if carry Z = 0, test digit P = 0 Example of Code No. 002646008 $X = (2+4+0+8) * 3 + 6 + 6 + 0 = 54$ $X / 10 = 54 / 10 = 5 \text{ carry } 4$ $P = 10 - 4 = 6$
					7402	c		an..3	'Kenn-Nr.' - to (Code number) <b>not used</b>
					C208	c	4		IDENTIFICATION NUMBER - RANGE
					7402	m		an..35	'Kenn-Nr.' - from (Code number)
					7402	c		an..3	'Kenn-Nr.' - to (Code number) <b>not used</b>



Level		Seg ment	Tag	Sta tus	Rpts	Format Skoda	Data content
0	1 2 3 4						
0	UNT		M	1			<b>MESSAGE TRAILER</b> <i>Service segment</i>
		0074	m		n..6		NUMBER OF SEGMENTS IN A MESSAGE control count of segments incl. UNH and UNT segments
		0062	m		an..14		MESSAGE REFERENCE NUMBER identical to 0062 in UNH
0	UNZ		M	1			<b>INTERCHANGE TRAILER</b> <i>Service segment</i>
		0036	m		n..6		INTERCHANGE CONTROL COUNT control count of number of messages within an interchange '1'
		0020			an..14		INTERCHANGE CONTROL REFERENCE identical to 0020 in UNB

**An example of RECADV message**

UNB+UNOA:2+00013000001VW R11+00013000001XYZ+991027:1341+00038  
UNH+1+RECADV:D:97A:UN  
BGM+632+00090+9  
DTM+137:199910271340:203  
RFF+AAU:00000111  
DTM+171:19991026:102  
NAD+BY+SKODA::92  
NAD+CN+31::92  
LOC+159+103D1::92  
NAD+CZ+000900::92  
LOC+159+0::92  
CPS+000000000001++4  
LIN+001++ 6Y0 853 651 F3E:IN  
PIA+1+000055:ON  
QTY+194:7:PCE  
GIN+AN+9939165299+9943156696+9943156856+9939165336+9939165817  
GIN+AN+9940144146+9939165824  
LIN+002++ 6Y0 853 651 F7T:IN  
PIA+1+000055:ON  
QTY+194:8:PCE  
GIN+AN+9939165213+9942159216+9944153632+9940144788+9939165794  
GIN+AN+9942159247+9940144849+9940144801  
LIN+003++ 6Y0 853 651 F8C:IN  
PIA+1+000055:ON  
QTY+194:3:PCE  
GIN+AN+9939164988+9940144481+9942157038  
LIN+004++ 6Y1 867 005 H JDH:IN  
PIA+1+000055:ON  
QTY+194:3:PCE  
GIN+AN+9940144481+9942157038+9939165794  
LIN+005++ 6Y1 867 005 H JDJ:IN  
PIA+1+000055:ON  
QTY+194:12:PCE  
GIN+AN+9939164988+9939165213+9939165299+9943156696+9940144788  
GIN+AN+9943156856+9940144849+9939165336+9940144801+9939165817  
GIN+AN+9940144146+9939165824  
LIN+006++ 6Y1 867 005 J JTL:IN  
PIA+1+000055:ON  
QTY+194:3:PCE  
GIN+AN+9942159216+9944153632+9942159247  
LIN+007++ 6Y1 867 006 G JDH:IN  
PIA+1+000055:ON  
QTY+194:3:PCE  
GIN+AN+9940144481+9942157038+9939165794  
LIN+008++ 6Y1 867 006 G JDJ:IN  
PIA+1+000055:ON  
QTY+194:12:PCE  
GIN+AN+9939164988+9939165213+9939165299+9943156696+9940144788  
GIN+AN+9943156856+9940144849+9939165336+9940144801+9939165817  
GIN+AN+9940144146+9939165824  
LIN+009++ 6Y1 867 006 H JTL:IN  
PIA+1+000055:ON  
QTY+194:3:PCE  
GIN+AN+9942159216+9944153632+9942159247  
LIN+010++ 6Y6 867 209 B JTL:IN



PIA+1+000055:ON  
QTY+194:3:PCE  
GIN+AN+9942159216+9944153632+9942159247  
LIN+011++ 6Y6 867 209 C JDH:IN  
PIA+1+000055:ON  
QTY+194:3:PCE  
GIN+AN+9940144481+9942157038+9939165794  
LIN+012++ 6Y6 867 209 C JDJ:IN  
PIA+1+000055:ON  
QTY+194:12:PCE  
GIN+AN+9939164988+9939165213+9939165299+9943156696+9940144788  
GIN+AN+9943156856+9940144849+9939165336+9940144801+9939165817  
GIN+AN+9940144146+9939165824  
LIN+013++ 6Y6 867 210 B JTL:IN  
PIA+1+000055:ON  
QTY+194:3:PCE  
GIN+AN+9942159216+9944153632+9942159247  
LIN+014++ 6Y6 867 210 C JDH:IN  
PIA+1+000055:ON  
QTY+194:3:PCE  
GIN+AN+9940144481+9942157038+9939165794  
LIN+015++ 6Y6 867 210 C JDJ:IN  
PIA+1+000055:ON  
QTY+194:12:PCE  
GIN+AN+9939164988+9939165213+9939165299+9943156696+9940144788  
GIN+AN+9943156856+9940144849+9939165336+9940144801+9939165817  
GIN+AN+9940144146+9939165824  
UNT+82+1  
UNZ+1+00038