Delivery Call-Off ODETTE DELINS V3 for Magna Steyr Graz

N10081-2

Standard

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Purpose

This Standard describes the specifications of Magna Steyr Graz usage of ODETTE DELINS (Version 3) for the Delivery Call-Off.

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1 Message Definition

1.1 Principles

The message intends to:

- Specify requirements based on the delivery conditions.
- Define the aspects that guarantee synchronization between Magna Steyr Graz (MSG) and the supplier.
- Provide information allowing the supplier to plan for future requirements, to purchase raw materials.

1.2 References

The Delivery Call-Off message intends to:

- The message structure as define by ODETTE for the Delivery Call-Off message. DELINS as published by ODETTE-Organization in version 3.
- The message structure defined by MSG and described in this document follows as close as possible the structure of ODETTE messages.
- The agreement between the trading partner on the data elements to be used, their unique definition, their representation and their values (coded or clear form) as identified in this documents.

1.3 Field of Application

The following definition of a Delivery Instruction Message in ODTTE format is applicable for the interchange of delivery instructions issued by MSG for material deliveries to one or more MSG Operations.

2 Message Description

Following pages contain a full description of the ODETTE DELINS (Version 3) message as implemented by MSG. The official ODETTE segment description is complemented with remarks pertaining to the specific requirements for an interchange with MSG. Those remarks contain specific code values used, additional information on the values shown in a specific field, etc. The aim of those remarks is to simplify the implementation of the message.

2.1 Introduction

2.1.1 How to read the documentation

All segments in the subset used by MSG are described in the following pages. The segment description is to be read as follows:

MID – MESSAGE IDENTIFICATION

Level:	0		
ODETTE status:	mandatory.	MSG status:	mandatory.
Maximum use:	1 per message.	MSG occurrences:	1 per message.
Function:	segment for the unique identification of the DELINS document.		
MSG interchange:	see remarks.		
Example:	**MID+LAB28319+021125:1036'**		
	A B C		

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	1004	Document/message name, coded	M	an..17	+	**M**	an..17	Prefix "LAB" + Interchange-Number
		DOCUMENT DATE AND TIME	C			**M**		
B	2007	Document Date, coded	M	n6	:	**M**	n6	In format "YYMMDD"
C	2002	Time	C	n4	+	C	n4	In format „HHMM"
	4426	Authentification	C	an..35	'			

- **COMMENTS**
- **CODE VALUES**

LEGEND

- segment tag and segment name.
- indication at which level the segment is in the message.
- status of the segment: as defined by ODETTE and by MSG.
- number of occurrences of the segment: as defined by ODETTE and as used by MSG.
- description of the function of the segment as defined by ODETTE and as used by MSG.
- example of the segment as it may appear in an interchange. This example is only illustrative and does not necessarily represent an actual situation. It should **NOT** be used as a basis to implement this message.
- definition of the segment content as defined by ODETTE and as implemented by MSG.
- identification of the data elements in the segment
    - reference to the example.
    - data element tag
    - data element name - *italic CAPITALS* denote a composite data element.
    - **ST** - the status of the data element ("M"=mandatory, "C"=conditional).
    - **FT** - the format of the data element, i.e. the indication of the number of characters (numerical or alphabetical) for this data element.
    - **SP** - the separator used between the data elements.
    - remarks on the specific use of the data element in the interchange with MSG.
- Shaded areas in the MSG description mean that the data elements is not used by MSG.

- the segment description can be followed by:
    - comments providing more information regarding specific data elements and how they must be used and/or understood in messages from MSG.
    - code values to be used for data elements contained in the message.

2.1.2 General Remarks

Following remarks are applicable for the complete documentation:

- Dates
  Unless otherwise specified in the field explanation in the documentation, dates are always expressed in the form **YYMMDD**.
- Times
  Unless otherwise specified in the field explanation in the documentation, times are always expressed in the form **HHMM**.
- Decimals
  The separator of numeric values with decimals is always "." (full stop).

2.2 Segment Tables

The following table shows all segments as defined in the ODETTE DELINS (Version 3) message. **Shaded areas identify the segments that are not used in the definition of DELINS used by MSG.** This table should be read in conjunction with the branching diagram.

TAG	NAME	LEVEL	STAT	OCCUR
MID	Message Identification	0	M	1
SDT	Seller Details	0	M	1
MDT	Manufacturer Details	0	C	1
BDT	Buyer Details	0	M	1
ARI	Additional Release Information	0	C	1
CSG	Consignee Details	1	M	R
ITA	Invoice-To Address	2	C	1
ARD	Article Details	2	M	R
PDI	Previous Delivery Instruction	3	C	1
SAD	Supplementary Article Details	3	C	1
FTX	Free Text	3	C	R
DST	Delivery Status	3	C	1
PDN	Previous Dispatch Notes	3	C	R
SID	Schedule Indicator Details	3	C	R
DEL	Delivery Details	3	M	R
TCO	Type of Package	3	C	R
ADI	Article Delivery Instruction Number	3	C	1
DLP	Delivery Party	0	C	1
FTX	Free Text	1	C	R

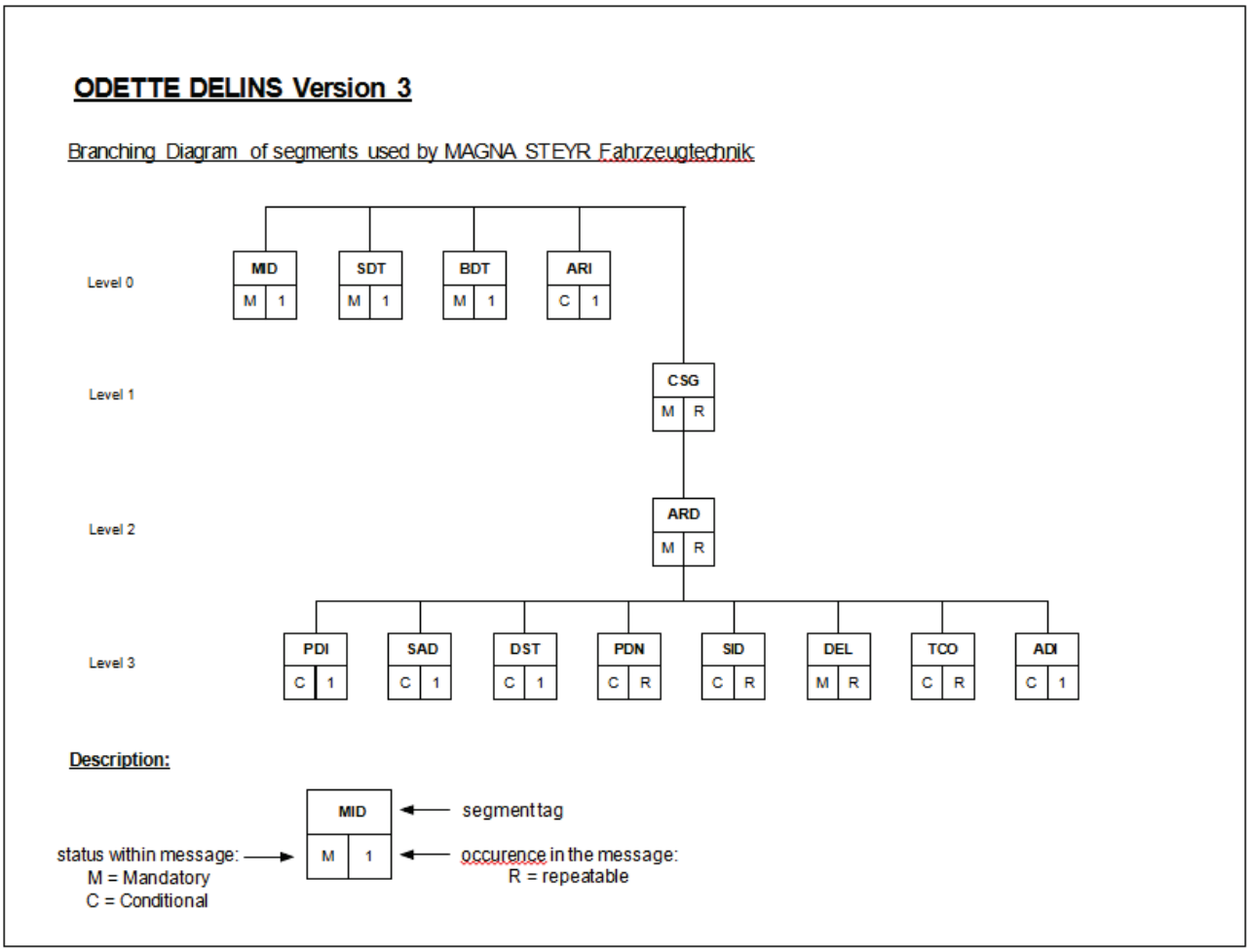
2.3 Branching Diagram

The branching diagram shows the structure of the message. It is a combination of various segments that are organized in a certain hierarchical order.

A segment is a pre-defined set of functionally related values (e.g., segment BDT groups all values that relate to a Buyer: buyer-code, name, address, etc,...)

Each segment within the branching diagram is broken down into one or multiple data elements. Within a segment, only those data elements that contain data must appear.

Only segments of the message that are used by MSG are shown in the following Branching Diagram.



2.4 Message Structure

The message structure illustrates how the segments will be repeated in a ODETTE DELINS transmission to accommodate the requirements identified by MSG.

UNB						Interchange Header
	UNH					Message Header
		MID				Message Identification
		SDT				Seller Details
		BDT				Buyer Details
		ARI				Additional Release Information
			CSG			Consignee Details
				ARD		Article Details
					PDI	Previous Delivery Instruction
					SAD	Supplementary Article Details
					DST	Delivery Status
					PDN	Previous Dispatch Notes (last)
					PDN	Previous Dispatch Notes (last but one)
					PDN	Previous Dispatch Notes (last but two)
					SID	Schedule Indicator Details
					DEL	Delivery Details
					DEL	Delivery Details
					DEL	Delivery Details
					TCO	Type of Package
					TCO	Type of Package
					ADI	General Article Information
				ARD		Article Details
					PDI	Previous Delivery Instruction
					SAD	Supplementary Article Details
					…	< further elements >
			CSG			Consignee Details
				ARD		Article Details
					PDI	Previous Delivery Instruction
					…	< further elements >
	UNT					Message Trailer
UNZ						Interchange Trailer

2.5 Service Segments Description

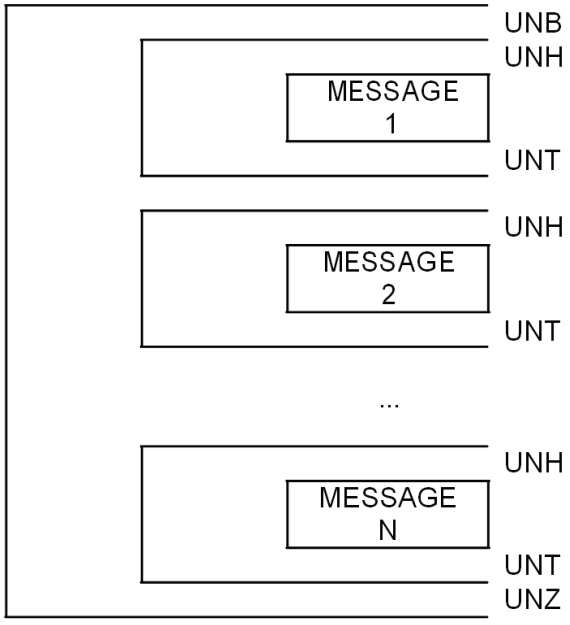
Following service segments are as defined by UN/ODETTE and presented under → ISO9735.

The UNB, UNH, UNT and UNZ segments are the envelope of any message, enclosing all the data that is being transmitted.

The UNB (Interchange header) and UNZ (Interchange trailer) segments mark respectively the beginning and the end of an interchange thereby providing a unique interchange control reference.

Within the interchange the UNH (message header) and UNT (Message trailer) segments uniquely begin and end the various messages contained in an interchange.

EXAMPLE OF AN
INTERCHANGE STRUCTURE



NOTE:

All data elements marked ”**M**” for Mandatory in the ”**ST**” field of the MS implementation must be included in the message. Missing or incorrect entries will result in the rejection of the message.

UNB – Interchange Header

Level:	- (service segment)		
ODETTE status:	mandatory	MSG status:	mandatory
Maximum use:	1 per interchange	MSG occurrences:	1 per interchange
Function	service segment providing the unique identification of an interchange. It allows the identification of the sender and the receiver of the interchange, gives date and time of preparation as well as the interchange control reference and the application reference.		
MSG interchange:	see remarks		

Example:

UNB+UNOA:1+SUPPLIER:01:LW017+O0013000438STEYR+970607:0735+1234+PASS+DELINS'
A B C D E F G H I J K

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	S001	*SYNTAX IDENTIFIER*	M			M		
A	0001	Syntax identifier	M	a4	:	**M**	a4	"**UNOA**".
B	0002	Syntax version number	M	n1	+	**M**	n1	Indication of the syntax version used for this message. MSG uses ODETTE syntax version "1"
	S002	*INTERCHANGE SENDER*	M			M		
C	0004	Sender identification	M	an..35	:	**M**	an..35	Communication Code/Mailbox number of the party originating the message.
D	0007	Identification code qualifier	C	an..4	:	C	an..4	Qualifiers to be determined by trading partner relationship.
E	0008	Address for Reverse Routing	C	an..14	+	C	an..14	Sub-address for reverse-routing
	S003	*INTERCHANGE RECIPIENT*	M			M		
F	0010	Recipient identification	M	an..35	:	**M**	an..35	Communication Code/Mailbox number of the party receiving the message.
	0007	Identification code qualifier	C	an..4	:	C	an..4	Qualifiers to be determined by trading partner relationship.
	0014	Routing address	C	an..14	+			
	S004	*DATE / TIME OF PREPARATION*	M			M		
G	0017	Date of preparation	M	n6	:	**M**	n6	In format "YYMMDD"
H	0019	Time of preparation	M	n4	+	**M**	n4	In format "HHMM"
I	0020	Interchange Control Reference	M	an..14	+	**M**	an..14	Reference number assigned by the sender of the message. This number must uniquely identify each interface and must be **UNIQUE** within an inventory year.
	S005	*RECIPIENTS REFERENCE PASSWORD*	C			C		
J	0022	Recipient's reference / password	M	an..14	:	**C**	an..14	Recipients password
	0025	Recipient's reference / password qualifier	C	an2	+			
K	0026	Application Reference	C	an..14	+	**C**	an..14	Reference specified by the recipient. May be used to identify the message on the recipient's system.
	0029	Processing Priority Code	C	a1	+			
	0031	Acknowledgement Request	C	n1	+			
	0032	Communications Agreement ID	C	an..35	+			
	0035	Test Indicator	C	n1	'	C	n1	"1" if the interchange is a test – otherwise not used

UNH - Message Header

Level: - (service segment)
ODETTE status: mandatory MSG status: mandatory
Maximum use: 1 per message MSG occurrences: 1 per message
Function: service segment starting and uniquely identifying a message. The message type code for the Delivery Instruction message is “DELINS”.
MSG interchange: see remarks

Example:

UNH+00000000000001+DELINS:3::OD’
A B C D

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	0062	*MESSAGE REFERENCE NUMBER*	M	an..14	+	**M**	an..14	Message Control number assigned by the sender to the message.
	S009	*MESSAGE IDENTIFIER*	M			M		
B	0065	Message type	M	an..6	:	**M**	an..6	”**DELINS**”
C	0052	Message version number	M	an..3	:	**M**	an..3	”**3**”
	0054	Message release number	M	an..3	:	**M**	an..3	””
D	0051	Controlling agency	M	an..2	:	**M**	an..2	”**OD**”
	0057	Association assigned code	C	an..6	+			
	0068	COMMON ACCESS REFERENCE	C	an..35	+			
	S010	*STATUS OF TRANSFER*	C					
	0070	Sequence of transfer	M	n..2	:			
	0073	First and last transfer	C	a1	‘			

UNT - Message Trailer

Level: - (service segment)
ODETTE status: mandatory MSG status: mandatory
Maximum use: 1 per message MSG occurrences: 1 per message
Function: service segment ending a message, giving the total number of Segments in the message and the control reference number of the message.
MSG interchange: see remarks

Example:

UNT+99+00000000000001’
A B

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	0074	NUMBER OF SEGMENTS IN THE MESSAGE	M	n..6		**M**	n..6	Control count of the number of segments in the message, including UNH and UNT.
B	0062	MESSAGE REFERENCE NUMBER	M	an..14		**M**	an..14	Number must be identical to UNH - tag 0062

UNZ - Interchange Trailer

Level:	- (service segment)		
ODETTE status:	mandatory	MSG status:	mandatory
Maximum use:	1	MSG occurrences:	1 per interchange
Function:	service segment ending an interchange and giving the number of messages contained in the interchange as well as the Interchange Control Reference number.		
MSG interchange:	see remarks.		

Example:

UNZ+1+1234'
A B

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	0036	INTERCHANGE CONTROL COUNT	M	n..6	+	**M**	n..6	Number of messages in an interchange.
B	0020	INTERCHANGE CONTROL REFERENCE	M	an..14	'	**M**	an..14	Value must be the same as 0020 - Interchange Control Reference in UNB.

2.6 Data Segments Description

This part includes only the segments defined in the standard and used in the subset exchanged between MSG and the Trading Partners. The segments are described in the same sequence as they appear in the message.

NOTE:

All data elements marked "**M**" for Mandatory in the "**ST**" field of the MSG implementation must be included in the message. Missing or incorrect entries will result in the rejection of the message.

MID – Message Identification

Level:	0		
ODETTE status:	mandatory	MSG status:	mandatory
Maximum use:	1 per message	MSG occurrences:	1 per message
Function:	segment for unique identification of the DELINS document.		
MSG interchange:	see remarks		

Example:

MID+LAB28319+021125:0000'
A B C

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	1004	Document Number	M	an..17	+	**M**	an..17	Prefix "LAB" and Interchange-Number
		DOCUMENT DATE AND TIME	C			**M**		
B	2007	Document Date, coded	M	n6	:	**M**	n6	In format "YYMMDD"
C	2002	Time	C	n4	+	C	n4	In format "HHMM"
	4426	Authentication	C	an..35	'			

SDT – Seller Details

Level: 0
ODETTE status: mandatory MSG status: mandatory
Maximum use: 1 per message MSG occurrences: 1 per message
Function: segment for providing information related to the sender of the goods
MSG interchange: see remarks

Example:

SDT+0942000563012922SU:SUNDT LTD:::::402330+76232042:MS. FOSS++GB327948043+GB'
A B C D E F G

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
		SELLER	M			M		
A	3347	Seller, coded	C	an..20	:	**C**	an..20	EDI-reference to supplier in MSG-system
B	3036	Party Name	C	an..35	:	C	an..35	Supplier-Name
	3124	Name and Address Line	C	an..35	:	C	an..35	Supplier-Address
	3124	Name and Address Line	C	an..35	:	C	an..35	Supplier-Address
	3124	Name and Address Line	C	an..35	:	C	an..35	Supplier-Address
	3124	Name and Address Line	C	an..35	:	C	an..35	Supplier-Address
C	3296	Internal ID to a Trading-Partner	C	an..17	+	**M**	an..17	Supplier-Code in MSG-system
		COMMERCIAL DEPARTMENT OR EMPLOYEE	C			C		
D	3413	Department or Employee, coded	C	an..17	:	C	an..17	Commercial-Department-Employee, coded
E	3412	Department or Employee	C	an..35	:	C	an..35	Name Employee
	3124	Name and Address Line	C	an..35	:	C	an..35	Address
	3124	Name and Address Line	C	an..35	:	C	an..35	Address
	3124	Name and Address Line	C	an..35	:	C	an..35	Address
	3124	Name and Address Line	C	an..35	+	C	an..35	Address
		ACCOUNTING DEPARTMENT OR EMPLOYEE	C			C		
	3413	Department or Employee, coded	C	an..17	:	C	an..17	Accounting-Department-Employee, coded
	3412	Department or Employee	C	an..35	:	C	an..35	Name Employee
	3124	Name and Address Line	C	an..35	:	C	an..35	Address
	3124	Name and Address Line	C	an..35	:	C	an..35	Address
	3124	Name and Address Line	C	an..35	:	C	an..35	Address
	3124	Name and Address Line	C	an..35	+	C	an..35	Address
F	3808	VAT Registration Number	C	an..17	+	C	an..17	VAT-Registration-Number
G	3207	Country, coded	C	a2	+	C	a2	Country, coded
		CONTACT DETAILS	C			C		
	3412	Department or Employee	C	an..35	:	C	an..35	Name Contact-Person
	3928	Telephone Number	C	an..17	:	C	an..17	Phone-Number
	3929	Telephone Extension	C	an..17	:	C	an..17	Extension
	3927	Telex Number	C	an..17	:	C	an..17	Telex
	3926	Fax Number	C	an..17	:	C	an..17	Fax
	3930	Teletex Number	C	an..17	'	C	an..17	Teletex

BDT – Buyer Details

Level: 0
ODETTE status: mandatory MSG status: mandatory
Maximum use: 1 per message MSG occurrences: 1 per message
Function: segment for providing information related to the buyer of the goods.
MSG interchange: see remarks

Example:

BDT+820036:MSG:MSG AG CO:LIEBENAUER HAUPTSTR. 317:8041 GRAZ+++ATU48193306+AT'
A B C b D

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
		BUYER	M			M		
A	3003	Buyer, coded	C	an..20	:	**C**	an..20	Customer-Code of MSG in Supplier-System
B	3036	Party Name	C	an..35	:	C	an..35	
	3124	Name and Address Line	C	an..35	:	C	an..35	
	3124	Name and Address Line	C	an..35	:	C	an..35	
	3124	Name and Address Line	C	an..35	:	C	an..35	
	3124	Name and Address Line	C	an..35	:	C	an..35	
	3296	Internal ID to a Trading-Partner	C	an..17	+			
		COMMERCIAL DEPARTMENT OR EMPLOYEE	C					
	3413	Department or Employee, coded	C	an..17	:			
	3412	Department or Employee	C	an..35	:			
	3124	Name and Address Line	C	an..35	:			
	3124	Name and Address Line	C	an..35	:			
	3124	Name and Address Line	C	an..35	:			
	3124	Name and Address Line	C	an..35	+			
		ACCOUNTING DEPARTMENT OR EMPLOYEE	C					
	3413	Department or Employee, coded	C	an..17	:			
	3412	Department or Employee	C	an..35	:			
	3124	Name and Address Line	C	an..35	:			
	3124	Name and Address Line	C	an..35	:			
	3124	Name and Address Line	C	an..35	:			
	3124	Name and Address Line	C	an..35	+			
C	3808	VAT Registration Number	C	an..17	+	C	an..17	VAT-Registration-Number of MSG
D	3207	Country, coded	C	a2	+	C	a2	Country-Code of MSG
		CONTACT DETAILS	C					
	3412	Department or Employee	C	an..35	:			
	3928	Telephone Number	C	an..17	:			
	3929	Telephone Extension	C	an..17	:			
	3927	Telex Number	C	an..17	:			
	3926	Fax Number	C	an..17	:			
	3930	Teletex Number	C	an..17	'			

ARI – Additional Release Information

Level: 0
ODETTE status: conditional MSG status: mandatory
Maximum use: 1 per message MSG occurrences: 1 per message
Function: segment specifying details on validity of the delivery-schedule.
MSG interchange: information concerning Begin- and End-Date of the DELINS.

Example:

ARI+2+030523:030912'
A B C

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	7903	Release Type Code	C	n1	+	M	n1	For code value see below.
		DELIVERY INSTRUCTION VALIDITY	C			**M**		
B	2069	Effective From Date, coded	M	n6	:	M	n6	DELINS-Validity Begin-Date
C	2073	Effective To Date, coded	C	n6	+	M	n6	DELINS-Validity End-Date
	7808	Schedule Release Frequency	C	an..2	'			

CODE VALUES

7903 – Release Type Code

General Codes as defined in ODDC 33 and to be used for MSG:

1 Ship by
2 Receive by

CSG – Consignee Details

Level: 1
ODETTE status: mandatory MSG status: mandatory
Maximum use: n per message MSG occurrences: n per message
Function: segment for providing information related to the recipient of the goods.
MSG interchange: see remarks

Example:

CSG+THO: WERK THONDORF:LIEBENAUER HAUPTSTRASSE 317:8041 GRAZ::THO+SM1+U1'
A B C D

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
		CONSIGNEE	M			M		
A	3133	Consignee, coded	C	an..20	:	**M**	an..20	Customer-Plant-Code
	3036	Party Name	C	an..35	:	C	an..35	Name Customer-Plant
	3124	Name and Address Line	C	an..35	:	C	an..35	Address Customer-Plant
	3124	Name and Address Line	C	an..35	:	C	an..35	Address Customer-Plant
	3124	Name and Address Line	C	an..35	:	C	an..35	Address Customer-Plant
	3124	Name and Address Line	C	an..35	:	C	an..35	Address Customer-Plant
B	3296	Internal ID to a Trading-Partner	C	an..17	+	C	an..17	Customer-Plant-Code (equal field 3133)
		FINAL DELIVERY POINT	C			C		
C	3921	Final Delivery Point, coded	C	an..17	:	**C**	an..17	Point of Unloading at MSG-plant
	3920	Final Delivery Point	C	an..35	:	**C**	an..35	Name Carrier
	3124	Name and Address Line	C	an..35	:			
	3124	Name and Address Line	C	an..35	:			
	3124	Name and Address Line	C	an..35	:			
	3124	Name and Address Line	C	an..35	+			
		ADD. DESTINATION DETAILS	C			C		
D	3923	Additional Destination Details, coded	C	an..17	:	C	an..17	MSG-Material-Planner coded
		REST OF SEGMENT NOT USED.						

ARD – Article Details

Level: 1
ODETTE status: mandatory MSG status: mandatory
Maximum use: n per segment “CSG” MSG occurrences: n per segment “CSG”
Function: segment specifying information to the product being dispatched.
MSG interchange: information to engineering-change and the corresponding contract for the article.

Example:

ARD+12833142::DRW 12850440/007+0:PCE+50046620++RECEIVING-DATE+:903 105/02N001'
A B C D E F G

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
		ARTICLE IDENTIFICATION	M			M		
A	7304	Buyer’s Article Number	M	an..35	:	**M**	an..35	MSG assigned part number
	7194	Seller’s Article Number	C	an..35	:	C	an..35	transferred if known
B	7008	Article Description	C	an..35	:	C	an..35	
	7008	Article Description	C	an..35	:			
	7008	Article Description	C	an..35	:			
	7008	Article Description	C	an..35	:			
	7008	Article Description	C	an..35	+			
		QUANTITY AND UNIT	C			C		
C	6270	Quantity Delivered	C	n..10	:	C	n..10	constant “0” -> not to be used in DELINS
D	6410	Measure Unit Specifier	C	an..3	+	C	an..3	see ODDC 25, default is “PCE”
		ORDER OR CONTRACT IDENTIF.	M			M		
E	1022	Order Number	M	an..17	:	M	an..17	Contract-Number valid for the article
	2001	Date, coded	C	n6	+			
		COUNTRY OF ORIGIN	C			C		
	3239	Country of Origin, coded	C	a2	:	C	a2	For code value see below.
	3238	Country of Origin	C	an..17	+	C	an..17	
		FREE TEXT	C			C		
F	4440	Free Text	M	an..70	:	M	an..70	general information to the article
	4440	Free Text	C	an..70	:			
	4440	Free Text	C	an..70	+			
		TECHNICAL STATUS	C			C		
	7860	Design Revision Number	C	an..35	:			
G	1376	Engineering Change Number	C	an..17	:	C	an..17	has to be retransmitted in the AVIEXP
	2001	Date, coded	C	n6	’			

CODE VALUES

3239 – Country of Origin, coded

General Codes to be used for exchange with MSG - For further Codes see ODDC 6:

AT	Austria	**HU**	Hungary
BE	Belgium	**IE**	Ireland
BR	Brazil	**IT**	Italy
CA	Canada	**JP**	Japan
CH	Switzerland	**NL**	Netherlands
CZ	Czech Republic	**NO**	Norway
DE	Germany	**PL**	Poland
DK	Denmark	**PT**	Portugal
ES	Spain	**SE**	Sweden
FI	Finland	**SI**	Slovenia
FR	France	**SK**	Slovakia
GB	United Kingdom	**TR**	Turkey
GR	Greece	**US**	United States

PDI – Reference to previous Delivery Instruction

Level: 3
ODETTE status: conditional MSG status: conditional
Maximum use: 1 per segment “ARD” MSG occurrences: 1 per segment “ARD”
Function: segment giving information to the previous + delivery-schedule.
MSG interchange: see remarks

Example:

PDI+13279174+030519:1101'
A B C

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	1004	Document Number	M	an..17	+	M	an..17	Previous Delivery-Instruction-Number
		INCOTERMS	C					
B	2007	Document Date, coded	M	n6	:	M	n6	Document-Date of the previous DELINS
C	2002	Document Time, coded	C	n4	+	M	n4	Document-Time of the previous DELINS
	4426	Authentication	C	an..35	‘			

SAD – Supplementary Article Details

Level:	3		
ODETTE status:	conditional	MSG status:	mandatory
Maximum use:	1 per segment “ARD”	MSG occurrences:	1 per segment “ARD”
Function:	segment specifying details on the article.		
MSG interchange:	see remarks		

Example:

SAD+1+UJ:SILS PLASTAL:5948+00++0++SS:FERCHER HARTWIG:3035'
A B C D E F G

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	7807	Instruction Update Action Code	M	n1	+	M	n1	For code value see below.
		MATERIAL CONTROL DEPARTMENT	C			C		
B	3413	Department or Employee, coded	C	an..17	:	C	an..17	Employee coded
C	3412	Department or Employee	C	an..35	:	C	an..35	Name of Employee
D	3124	Name and Address Line	C	an..35	:	C	an..35	Phone-Number
	3124	Name and Address Line	C	an..35	:	C	an..35	
	3124	Name and Address Line	C	an..35	:	C	an..35	
	3124	Name and Address Line	C	an..35	+	C	an..35	
	7153	Article Status, coded	C	n2	+			
	2025	Delivery Last Date, coded	C	n6	+			
	2013	Frequency, coded	C	an..2	+			
	7424	Transport Group Number	C	an..17	+			
		SUPPLIER DEPARTMENT OR EMPLOYEE	C			C		
E	3413	Department or Employee, coded	C	an..17	:	C	an..17	Employee coded
F	3412	Department or Employee	C	an..35	:	C	an..35	Name of Employee
G	3124	Name and Address Line	C	an..35	:	C	an..35	Phone-Number
	3124	Name and Address Line	C	an..35	:	C	an..35	
	3124	Name and Address Line	C	an..35	:	C	an..35	
	3124	Name and Address Line	C	an..35	’	C	an..35	

CODE VALUES

7807 – Instruction Update Action Code

General Codes to be used for exchange with MSG - For further Codes see ODDC 21:

1 Replace previous instruction from the date and time indicated
2 Amend previous instruction for specific dates and times indicated

DST – Delivery Status

Level: 3
ODETTE status: conditional MSG status: conditional
Maximum use: 1 per segment “ARD” MSG occurrences: 1 per segment “ARD”
Function: Segment giving information on quantities scheduled and received.
MSG interchange: see remarks

Example:

DST+030604:1326+8247:18:0:030101+0+0+0'
A B C D E

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
		CALCULATION DATE AND TIME	M			M		
A	2253	Calculation Date, coded	M	n6	:	M	n6	Date of the validity of the following quantities
B	2002	Time	C	n4	+	C	n4	Time of the validity of the following quantities
		CUMULATIVE QUANTITY	C			C		
C	6802	Actual Cumul. Quantity Scheduled	C	n..10	:	C	n..10	Total of scheduled quantities (including forecast)
D	6804	Actual Cumulative Quantity Received	C	n..10	:	C	n..10	Total of received quantity for this article
	6806	Delivery Quantity Balance	C	n..10	:			
E	2121	Quantities Accumulation Start Date, coded	C	n6	+	C	n6	Start-Date of Cumulation
	6812	Quantity Balance	C	n..10	+			
	6905	Cumulative Quantity Scheduled up to Accumulation Start Date	C	n..10	+			
	6909	Quantity in Stock	C	n..10	‘			

PDN – Previous Dispatch Notes

Level: 3
ODETTE status: conditional MSG status: conditional
Maximum use: n per segment “ARD” MSG occurrences: max. 3 per segment “ARD”
Function: Segment giving information to the previous dispatch-notes.
MSG interchange: Information concerning the (up to) 3 last dispatch-notes will be transmitted.
- Segment will not be transmitted, if no sending has been received to the concerned article.

Example:

PDN+00954094:030430+6:6+030505:0000'
A B C D E

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
		DESPATCH NOTE	M			M		
A	1128	Dispatch Note Number	C	an..17	:	C	an..17	Number of the previous dispatch-note
B	2219	Dispatch Note Date, coded	C	n6	+	C	n6	Validity-Date of the concerned dispatch-note
		QUANTITY DELIVERED/RECEIVED	C			C		
C	6270	Quantity Delivered	C	n..10	:	C	n..10	Quantity delivered in the concerned dispatch-note
D	6872	Actual Quantity Received	C	n..10	+	C	n..10	Quantity received to the concerned dispatch-note
		RECEPTION DATE AND TIME	C			C		
E	2441	Goods Receipt Date, coded	M	n6	:	M	n6	Date, when the last sending was received
	2002	Time	C	n4	’	C	n4	Time, when the last sending was received

SID – Schedule Indicator Details

Level: 3
ODETTE status: conditional MSG status: mandatory
Maximum use: n per segment “ARD” MSG occurrences: 2 per segment “ARD”
Function: Segment giving details to the current and previous delivery-schedules.
MSG interchange: The quantities and effective dates for fabrication-authorization and material-authorization are shown in here.

Example:

SID+2+W:2:36:28:13322472:0'

SID+3+W:2:75:63:13322472:0'
A B C D E F

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	6811	Schedule Status Indicator	M	n1	+	M	n1	For code value see below.
		PERIODS	C			C		
B	2151	Type of Period, coded	C	an..3	:	C	an..3	For code value see below.
C	2152	Number of Periods	C	n..3	:	C	n..3	
D	6906	Latest Cumulative Quantity Scheduled Highest	C	n..10	:	C	n..10	Cumulative quantity of the current delivery-schedule
E	6907	Quantity Previously Scheduled	C	n..10	:	C	n..10	Highest quantity of previously delivery-schedules
F	1430	Reference to Highest Quantity Previously Scheduled	C	an..17	:	C	an..17	Delivery-Schedule-Number of the highest quantity previously scheduled
	6272	Number of Working Days	C	n..3	+			
	2829	Authorization Date, coded	C	n6	‘			

CODE VALUES

6811 – Schedule Status Indicator

General Codes to be used for exchange with MSG - For further Codes see ODDC 17:

2 Fabrication Authorization
3 Material Authorization

2151 – Type of Period, coded

General Codes to be used for exchange with MSG - For further Codes see ODDC 22:

D Day
W Calendar Week
M Calendar Month

DEL – Delivery Details

Level: 3
ODETTE status: mandatory MSG status: mandatory
Maximum use: n per segment “ARD” MSG occurrences: n per segment “ARD”
Function: Segment specifying the scheduling-positions (quantity and call-off-date) to the preceding line item.
MSG interchange: The first occurrence of the DEL-segment shows the back-order-quantity. The second occurrence shows the urgent-delivery-quantity.

Example:

DEL+030528+20::3:1:10377:10400'

DEL+030528+87::4:1:10377:10400'
A B C D E F

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
		DATE, TIME, PERIODS	M			M		
A	2803	First Date, coded	C	n6	:	C	n6	Quantity not to be delivered before this date
	2002	Time	C	n4	:			
	2805	Last Date, coded	C	n6	:			
	2002	Time	C	n4	:			
	2836	Time Period, coded	C	n8	:			
	6272	Number of Working Days	C	n..3	+			
		QUANTITIES, STATUS AND DELIVERY TYPE	M			M		
B	6060	Quantity	M	n..15	:	M	n..15	Quantity to be delivered
	1310	Part Consignment Number	C	an..17	:			
C	7803	Delivery Instruction Reason, coded	C	n1	:	C	n1	For code value see below.
D	6811	Schedule Status Indicator	C	n1	:	C	n1	For code value see below.
E	6903	Cumulative Quantity Scheduled	C	n..10	:	C	n..10	Cum. Quantity of the current delivery-schedule
F	6907	Cumulative Quantity Previously Scheduled	C	n..10	’	C	n..10	Cum. Quantity of the previous delivery-schedule

CODE VALUES

7803 – Delivery Instruction Reason, coded

General Codes to be used for exchange with MSG - For further Codes see ODDC 18:

3 Back Order
4 Urgent Delivery

6811 – Schedule Status Indicator

General Codes to be used for exchange with MSG - For further Codes see ODDC 17:

1 Firm Order
2 Fabrication Authorization
3 Material Authorization
4 Forecast

TCO – Type of Package

Level: 3
ODETTE status: conditional MSG status: conditional
Maximum use: n per segment “ARD” MSG occurrences: n per segment “ARD”
Function: segment specifying the packages to the preceding line item.
MSG interchange: see remarks

Example:

TCO+LADUNGSTRAEGER:VDA4314+0+200:PCE+400:300:140:MMT+0:0'
A B C D E F G H

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
		PACKAGE DATA	M			M		
A	7064	Type of Packages	C	an..35	:	C	an..35	not always transmitted
B	1906	Package Reference Number	C	an..35	:	**M**	an..35	Unique identification to the package in the MSG-systems.
	1131	Code List Identifier, coded	C	an2	+			
	7224	Number of Packages	M	n..6	+	M	n..6	Number of Single-Packages
		QUANTITY	C			C		
C	6853	Quantity of Articles in Package	M	n..10	:	M	n..10	
D	6410	Measure Unit Specifier	C	an..3	+	C	an..3	see ODDC 25, default is „PCE“
		DIMENSIONS	C			C		
E	6168	Length Dimension	C	n..5	:	C	n..5	
F	6140	Width Dimension	C	n..5	:	C	n..5	
G	6008	Height Dimension	C	n..5	:	C	n..5	
H	6410	Measure Unit Specifier	C	an..3	+	C	an..3	see ODDC 25
		WEIGHT	C					
	6292	Gross Weight	C	n..11	:			
	6160	Net Weight	C	n..11	:			
	6410	Measure Unit Specifier	C	an..3	+			
	2069	Effective From Date, coded	C	n6	‘			

ADI – Article Delivery Instruction

Level:	3		
ODETTE status:	conditional	MSG status:	mandatory
Maximum use:	1 per segment “ARD”	MSG occurrences:	1 per segment “ARD”
Function:	segment specifying delivery-schedule-number and validity-date to the preceding line item.		
MSG interchange:	see remarks		

Example:

ADI+13347665+030602:1110'
A B C

ODETTE STANDARD DEFINITION						MSG IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	1004	Document Number	M	an..17	+		an..17	Delivery-Instruction-Number to the line item
		DOCUMENT DATE AND TIME	C			C		
B	2007	Document Date, coded	M	n6	:	M	n6	Validity-Date of the Delivery-Instruction
C	2002	Time	C	n4	+	C	n4	Validity-Time of the Delivery-Instruction
	6306	Authentication	C	an..35	+			

3 Example of Message

Following example is only illustrative and does not necessarily reflect an existing situation. It **may never** be used as a basis for programming or implementing this message.

UNB+UNOA:1+O0013000438STEYR+00326178SUPP:01:LW017+150408:0515+91++DELINS'	
UNH+00000000000001+DELINS:3::OD'	Message-Type
MID+LAB00010346220+150408:0000'	Interchange-Number
SDT+00326178SUPP:HAMMERSMITH LTD:LEEDS::::756060'	EDI-Reference Supplier, Supplier-Code
BDT+138118:MSF+++ATU48193306+AT'	Customer-Code, UID Customer
ARI+2+150407:150508'	Begin-Date DELINS, End-Date DELINS
CSG+THO:WERK THONDORF:LIEBENAU:8041 GRAZ+G01+XV''	Customer-Plant-Code, Unloading-Point
ARD+7182385::VERSTAERKUNG DACHAUS+0:PCE+50099777++RECEIVING-DATE+:E06BWEHF27V'	Part-Nr Cust., Part-Contract-Nr, Eng.-Change
PDI+98113607+150407:1003'	Previous DELINS-Nr
SAD+1+B4:MEIER KURT:8553+00++0++SS:DOLL KARL:3035'	Material-Department Employee
DST+150408:0458+36986:11160:0:150101+0+47159+0'	Cum. Quantity scheduled and received
PDN+2600912:150401+1080:1080+150407:0000'	Last booked dispatch-note
PDN+2596785:150326+600:600+150331:0000'	Last but one booked dispatch-note
PDN+2590830:150318+960:960+150324:0000'	Last but two booked dispatch-note
SID+2+W:2:12720:50520:98113607:0'	Cum. Quantity for Fabrication-Authorization
SID+3+W:2:14400:52320:98113607:0'	Cum. Quantity for Material-Authorization
DEL+150407+0::3:1:10985:10985'	Backorder-Quantity
DEL+150407+0::4:1:11006:10985'	Urgent-Delivery-Quantity
DEL+150414+720:::2:11880:11880'	Discrete Quantity, Discrete Call-Off Date
DEL+150421+840:::2:12720:12840'	Discrete Quantity, Discrete Call-Off Date
DEL+150428+720:::3:13440:13560'	Discrete Quantity, Discrete Call-Off Date
DEL+150505+960:::3:14400:14280'	Discrete Quantity, Discrete Call-Off Date
DEL+150512+480:::4:14880:14880'	Forecast-Quantity
DEL+150519+600:::4:15480:15480'	Forecast-Quantity
DEL+150526+600:::4:16080:16080'	Forecast-Quantity
DEL+150602+480:::4:16560:16440'	Forecast-Quantity
DEL+150609+840:::4:17400:17400'	Forecast-Quantity
DEL+150615+2040:::4:19440:19440'	Forecast-Quantity
DEL+150701+3360:::4:22800:22800'	Forecast-Quantity
DEL+150818+1560:::4:24360:24360'	Forecast-Quantity
DEL+150901+3600:::4:27960:27960'	Forecast-Quantity
DEL+151001+3600:::4:31560:31560'	Forecast-Quantity
DEL+151102+3720:::4:35280:35280'	Forecast-Quantity
DEL+151201+1706:::4:36986:36970'	Forecast-Quantity
DEL+160107+0:::4:36986:36970'	Forecast-Quantity
DEL+160201+0:::4:36986:36970'	Forecast-Quantity
DEL+160301+0:::4:36986:36970'	Forecast-Quantity
DEL+160401+0:::4:36986:36970'	Forecast-Quantity
DEL+160502+0:::4:36986:36970'	Forecast-Quantity
TCO+LADUNGSTRAEGER:3605101+0+120:PCE+1680:1200:1450:MMT+0:0'	Package-Ref., Quantity of Packages
TCO+LADUNGSTRAEGER:3605101+0+120:PCE+1680:1200:1450:MMT+0:0'	Package-Ref., Quantity of Packages
ADI+98119195+150408:0515'	Delivery-Instruction-Number, Validity-Date
UNT+42+00000000000001'	Number of Lines in Message
UNZ+1+91'	

For ease of reading the message has been shown with each segment type on a separate line, which will not be the case when the message is normally transmitted.

4 Revisions since previous version

Complete revision

5 List of abbreviations

Abbreviation	Description
MSG	Magna Steyr Graz
ISO	International Organization for Standardization