SAP Ariba

Cloud Integration Gateway

Documentation of Digital Data Interchange

via UN/EDIFACT Standard

ORDRSP (D96A)

Purchase order response message

Inbound

Version: 1.3 Feb-14, 2020

Customer

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DOCUMENT REVISION HISTORY

Version	Date	Name	Modification Details
1.0	Nov-18, 2016	SAP Ariba	Initial Draft
1.1	Nov-20, 2017	SAP Ariba	SCC/QTY Description added LIN/MOA +PRI Description added
1.2	May-29, 2019	SAP Ariba	FTX Enhanced order confirmation integration capabilities with flag for "allDetail" order confirmation added
1.3	Feb-14, 2020	SAP Ariba	DTM – important date/time information added on each date segment FTX Enhanced order confirmation integration capabilities – removed (Feature usage will be controlled via entitlement settings in the Network) FTX+ACD – Rejection reason added SG1/RFF+POR - Purchase order response number added SG1/RFF+AEU – Supplier's reference number added SG26/PIA – Supplier batch number added (C212/7143=NB) SG26/DTM+143 – Planned acceptance days added# SG26/MOA+146 – Segment deprecated SG27/CCI – Item classification added SG30/PRI – Price type qualifier added (C509/5387=AAK) SG37/NAD – Manufacturer name added SG51/FTX+ACD – Rejection reason added

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PREFACE

This document outlines the requirements for digital data interchange using the Edifact format.

Initially the uses segments and their meaning within a message are described. The example files used in this guide are examples only. In the following chapter all segments are described in detail. Additionally, you will find a document example as well as a branching diagram.

This documentation focuses on an explicit version, i.e. the segments are documented as they would possibly occur in practice. Thus, the maximum number of repetition of the individual segments is limited to the ones which are actually used. This does, however, not constitute a limitation, but rather a more detailed description of the example used.

INTRODUCTION

Introduction:
A message from the seller to the buyer, responding to a purchase order message or a purchase order change request message.

The United Nations Order Response Message serves as response/confirmation for the Purchase Order and Purchase Order Change messages.

USING THIS GUIDELINE

The DETAILED SEGMENT DESCRIPTION shows the Standard Edifact Rules, defined in D.96A, and the User Rules, recommended by Ariba Network.

Unused segments are not shown.

The codes defining in detail Segment and Element usages are:

Status	Standard Edifact	SAP Ariba Usage
M	Mandatory	Must Use / Required by Ariba Network
C	Conditional	Conditional
X	Not Used	Not Used

Descriptions for segments have been provided alongside and detailed explanation will follow in a future release.

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SEGMENT SUMMARY

Below you will find a description of the used segments within the application and their interdependence.

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SegID		SegNo	Name
UNA		0	Service string advice
UNB		0	Interchange Header
UNH		10	Message header
BGM		20	Beginning of message
DTM		30	Date/Time
FTX		70	Free text
FTX		70	Free text - Rejection Reason
FTX		70	Free text - Mutually defined references
SG1	LOOP	80	Reference
RFF		90	Reference
DTM		100	Date/Time
SG3	LOOP	140	Name and address
NAD		150	Name and address
SG6	LOOP	240	Contact information
CTA		250	Contact information
COM		260	Communication contact
SG7	LOOP	270	Duty/tax/fee details
TAX		280	Duty/tax/fee details
MOA		290	Monetary amount
SG12	LOOP	450	Terms of delivery or transport
TOD		460	Terms of delivery or transport
SG19	LOOP	720	Allowance or charge
ALC		730	Allowance or charge
DTM		750	Date/Time
SG21	LOOP	790	Percentage details
PCD		800	Percentage details
SG22	LOOP	820	Monetary amount
MOA		830	Monetary amount
SG19	LOOP	720	Allowance or charge - Shipping costs
ALC		730	Allowance or charge - Shipping costs
SG22	LOOP	820	Monetary amount
MOA		830	Monetary amount
SG26	LOOP	960	Line item
LIN		970	Line item
PIA		980	Additional product id
IMD		990	Item description
QTY		1010	Quantity
DTM		1040	Date/time/period
MOA		1050	Monetary amount
SG27	LOOP	1120	Characteristic/class id - Item Classification
CCI		1130	Characteristic/class id - Item Classification
SG30	LOOP	1240	Price details
PRI		1250	Price details

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SegID		SegNo	Name
CUX		1260	Currencies
SG31	LOOP	1300	Reference - Type of item identification
RFF		1310	Reference - Type of item identification
SG36	LOOP	1500	Duty/tax/fee details
TAX		1510	Duty/tax/fee details
MOA		1520	Monetary amount
SG37	LOOP	1540	Name and address
NAD		1550	Name and address
SG40	LOOP	1630	Contact information
CTA		1640	Contact information
COM		1650	Communication contact
SG37	LOOP	1540	Name and address - Manufacturer
NAD		1550	Name and address - Manufacturer
SG41	LOOP	1660	Allowance or charge
ALC		1670	Allowance or charge
DTM		1690	Date/Time
SG43	LOOP	1730	Percentage details
PCD		1740	Percentage details
SG44	LOOP	1760	Monetary amount
MOA		1770	Monetary amount
SG41	LOOP	1660	Allowance or charge - Shipping costs
ALC		1670	Allowance or charge - Shipping costs
SG44	LOOP	1760	Monetary amount
MOA		1770	Monetary amount
SG51	LOOP	1980	Scheduling conditions
SCC		1990	Scheduling conditions
FTX		2000	Free text
FTX		2000	Free text - Mutually defined references
FTX		2000	Free text - Rejection Reason
SG52	LOOP	2020	Quantity
QTY		2030	Quantity
DTM		2040	Date/Time
UNS		2150	Section control
MOA		2160	Monetary amount
UNT		2220	Message trailer
UNZ		0	Interchange trailer

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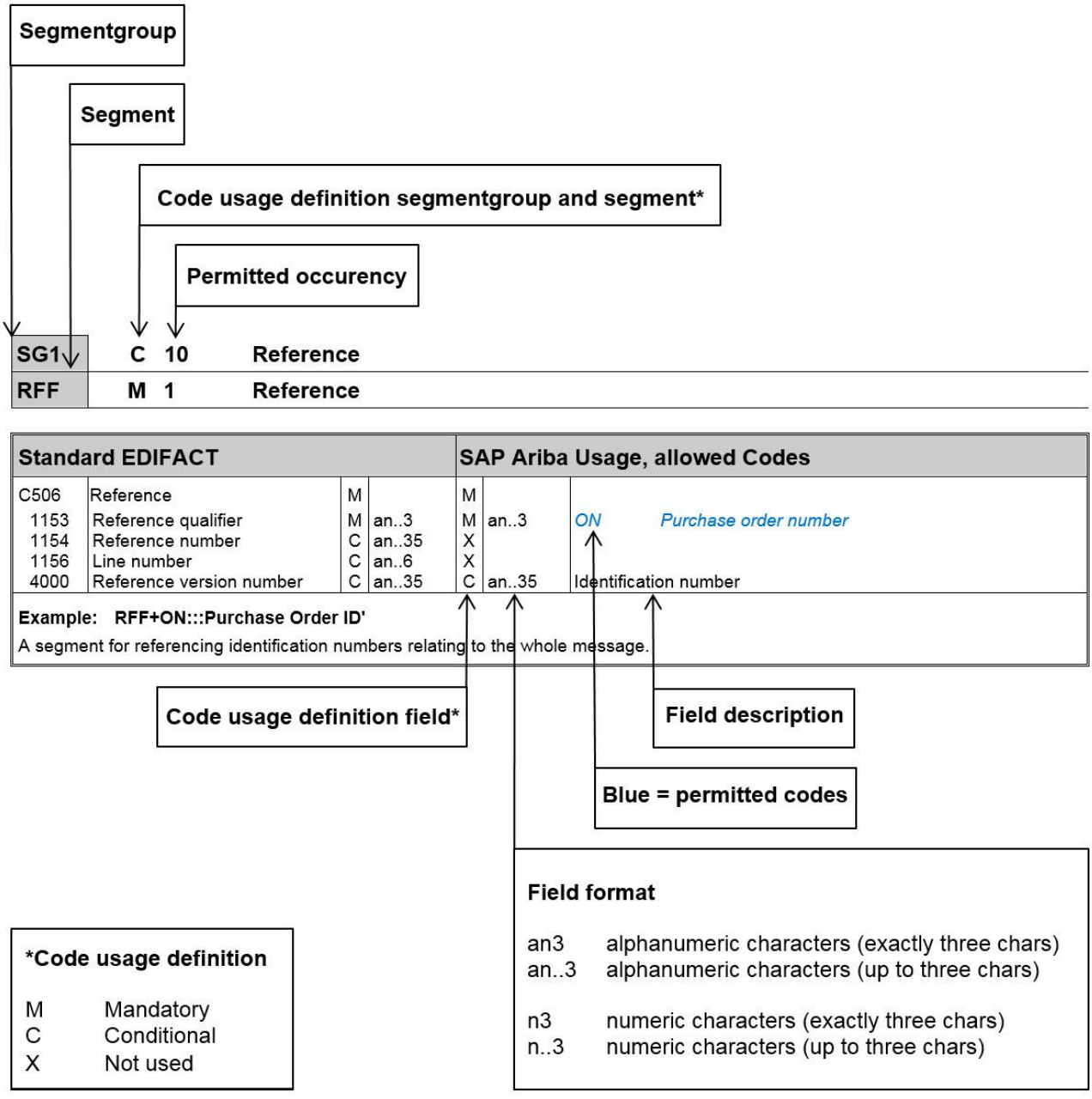
DETAILED SEGMENT DESCRIPTION

Below you will find an exact description of the used segment.



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UNA C 1 Service string advice

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
UNA1	Component data element separator	M	an1	M	an1	Used as a separator between component data elements contained within a composite data element. *:*
UNA2	Data element separator	M	an1	M	an1	Used to separate two simple or composite data elements. *+*
UNA3	Decimal notation	M	an1	M	an1	Used to indicate the character used for decimal notation. *.*
UNA4	Release indicator	M	an1	M	an1	Used to restore any service character to its original specification. *?*
UNA5	Reserved for future use	M	an1	M	an1	*space*
UNA6	Segment terminator	M	an1	M	an1	Used to indicate the end of segment data. *'*

Example: UNA:+.? '

To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows.

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UNB M 1 Interchange Header

Standard EDIFACT				SAP Ariba Usage, allowed Codes			
S001	SYNTAX IDENTIFIER	M		M			
0001	Syntax identifier	M	a4	M	a4	*UNOC*	*UN/ECE level C*
0002	Syntax version number	M	n1	M	n1	*3*	*Syntax version number 3*
S002	INTERCHANGE SENDER	M		M			
0004	Sender identification	M	an..35	M	an..35	Sender identification number	
0007	Partner identification code qualifier	C	an..4	C	an..4	*ZZZ*	*Mutually defined*
S003	INTERCHANGE RECIPIENT	M		M			
0010	Recipient identification	M	an..35	M	an..35	Receiver identification number	
0007	Partner identification code qualifier	C	an..4	C	an..4	*ZZZ*	*Mutually defined*
S004	DATE/TIME OF PREPARATION	M		M			
0017	Date of preparation	M	n6	M	n6	Date of preparation (YYMMDD)	
0019	Time of preparation	M	n4	M	n4	Time of preparation (HHMM)	
0020	Interchange control reference	M	an..14	M	an..14	Unique reference assigned by the sender to an interchange	
S005	RECIPIENT'S REFERENCE PASSWORD	C		X			
0022	Recipient's reference/ password	M	an..14	X			
0026	Application reference	C	an..14	X			
0029	Processing priority code	C	a1	X			
0031	Acknowledgement request	C	n1	X			
0032	Communications agreement ID	C	an..35	X			
0035	Test indicator	C	n1	C	n1	*1* *empty*	*Interchange is a test* *Production*

Example: UNB+UNOC:3+SenderID:ZZZ+ReceiverID:ZZZ+160104:0930+1++++++1'

To start, identify and specify an interchange.

This Guideline describes the content of one message from UNH-UNT.
Please note that Ariba Network supports multi-message handling along with more than UNH-UNT per UNB-UNZ loop.

Example:
UNB+UNOC:3+SenderID:14+ReceiverID:14+160111:1314+1++++++1'
UNH+1...'
...
UNT+...+1'
UNH+2...'
...
UNT+...+2'
UNZ+2+1'

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UNH M 1 Message header

Standard EDIFACT				SAP Ariba Usage, allowed Codes			
0062	Message reference number	M	an..14	M	an..14	Unique message reference assigned by the sender.	
S009	MESSAGE IDENTIFIER	M		M			
0065	Message type identifier	M	an..6	M	an..6	*ORDRSP*	*Purchase order response message*
0052	Message type version number	M	an..3	M	an..3	*D*	*Draft directory*
0054	Message type release number	M	an..3	M	an..3	*96A*	*Version 96A*
0051	Controlling agency	M	an..2	M	an..2	*UN*	*UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)*

Example: UNH+1+ORDRSP:D:96A:UN'

A service segment starting and uniquely identifying a message.

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BGM M 1 Beginning of message

Standard EDIFACT				SAP Ariba Usage, allowed Codes			
C002	Document/message name	C		C			
1001	Document/message name, coded	C	an..3	C	an..3	*231*	*Purchase order response*
1004	Document/message number	C	an..35	C	an..35	Order Response Number assigned by document sender	
1225	Message function, coded	C	an..3	C	an..3	*5* *9*	*Replace* *Original*
4343	Response type, coded	C	an..3	M	an..3	*AC* *AI* *AP* *RE* *UserNote	*Acknowledge with changes* *Acknowledge only changes* *Accepted* *Rejected*

Example: BGM+231+Purchase Order Conf ID+9+AC'

A segment by which the sender must uniquely identify the order response by means of its name and number and when necessary its function.

With a response type of “AC”, you can update portions of a purchase order, such as prices, quantities, and delivery dates, reject portions, and add tax and shipping information. This document type should include only information that differs from the information in the purchase order. Line items not mentioned retain their current states.

*UserNote:
If the "Enhanced order confirmation integration capabilities for hosted and integrated suppliers“ entitlement is enabled by the buyer in Ariba Network, the supplier must include all known line item information in the order confirmation. This special type takes priority over used response type code and will be flagged in the network. If the entitlement is on, it means that the confirmation updates only specific line items. Line items not mentioned retain their current status. Unlike the "AC" type, this type of confirmation includes all information known by the supplier, whether or not it differs from the data provided in the original purchase order document. There is no enrichment of data sent by the supplier. If not all necessary line item information are sent the document will fail.

The above entitlement setting or usage of confirmation type "AC" update individual lines, they do not accept or reject the entire order.

You can apply the confirmation to the entire purchase order using the types “AP”, “RE”, and “AI”.

Response type "AI" accepts the entire purchase order with exceptions. Line items not mentioned are as described in the purchase order.

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DTM M 35 Date/Time

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
C507	Date/time/period	M		M		
2005	Date/time/period qualifier	M	an..3	M	an..3	*8* *Order confirmation notice date** *137* *Document/message date/time** *User Note (8+137)
2380	Date/time/period	C	an..35	C	an..35	Date/time
2379	Date/time/period format qualifier	C	an..3	C	an..3	The following codes are supported. Code 304 is recommended. Please refer for special requirements and time zone usage to APPENDIX - CODELISTS 2379 Date/time/period format qualifier. *102* *CCYYMMDD* *203* *CCYYMMDDHHMM* *204* *CCYYMMDDHHMMSS* *303* *CCYYMMDDHHMMZZZ* *304* *CCYYMMDDHHMMSSZZZ*

Example: DTM+8:20160104:102'

A segment specifying general dates and times related to the message.

Date/Time Note:
Note that a complete date/time/zone is recommended. Otherwise it will be automatically calculated and might lead to wrong data.
Timestamps in cXML are represented as a date with a time, and an offset to UTC.
If you do not specify a time, it will be taken as noon (12:00) on the date specified.
If you do not specify the time code (zone), then it will be defaulted to UTC (+00:00).

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*User Note (8+137)
The date of the order confirmation is always required. Either DTM+8 or DTM+137 is accepted.

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FTX C 99 Free text

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
4451	Text subject qualifier	M	an..3	M	an..3	*AAI* *General information* *TRA* *Transportation information* *TXD* *Tax declaration*
4453	Text function, coded	C	an..3	X		
C107	Text reference	C		X		
4441	Free text, coded	M	an..3	X		
C108	Text literal	C		C		
4440	Free text	M	an..70	M	an..70	Free text
4440	Free text	C	an..70	C	an..70	Free text
4440	Free text	C	an..70	C	an..70	Free text
4440	Free text	C	an..70	C	an..70	Free text
4440	Free text	C	an..70	C	an..70	Free text
3453	Language, coded	C	an..3	C	an..3	Code of language (ISO 639-1988) e.g. *EN* *English*

Example: FTX+AAI+++General Information Text+EN'

A segment with free text information, in coded or clear form, used when additional information is needed but cannot be accommodated within other segments.

Use FTX+AAI for general comments.

Use FTX+TXD for comments belonging to tax regulations.

Use FTX+TRA for comments belonging to shipping instructions.

If the text to be provided exceed the maximum field length of 70 characters, element 4440 can be repeated. The text is then chained in the network.

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FTX C 99 Free text - Rejection Reason

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
4451	Text subject qualifier	M	an..3	M	an..3	*ACD* *Reason*
4453	Text function, coded	C	an..3	X		
C107	Text reference	C		X		
4441	Free text, coded	M	an..3	X		
C108	Text literal	C		C		
4440	Free text	M	an..70	M	an..70	Rejection reason

Example: FTX+ACD+++Duplicate Order'

A segment with free text information, in coded or clear form, used when additional information is needed but cannot be accommodated within other segments.

Supported standard values are:
"Duplicate Order"
"Incorrect Delivery Date"
"Incorrect Description"
"Incorrect Price"
"Incorrect Quantity"
"Incorrect Stock/Part Number"
"Incorrect Supplier Code Used"
"Incorrect UOM"
"Not our Product Line"
"Unable to Supply Item(s)"
"Other"

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FTX C 99 Free text - Mutually defined references

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
4451	Text subject qualifier	M	an..3	M	an..3	*ZZZ Mutually defined*
4453	Text function, coded	C	an..3	X		
C107	Text reference	C		X		
4441	Free text, coded	M	an..3	X		
C108	Text literal	C		C		
4440	Free text	M	an..70	M	an..70	Mutually defined identification name
4440	Free text	C	an..70	C	an..70	Mutually defined identification
4440	Free text	C	an..70	C	an..70	Mutually defined identification
4440	Free text	C	an..70	C	an..70	Mutually defined identification
4440	Free text	C	an..70	C	an..70	Mutually defined identification

Example: FTX+ZZZ+++MutuallyDefinedIDName:Mutually defined identification'

A segment with free text information, in coded or clear form, used when additional information is needed but cannot be accommodated within other segments.

FTX+ZZZ contains information mutually defined by the trading partner. In this case the first occurrence of 4440 is used as identification name to specify the mutually defined usage provided in following 4440 element(s).

If the identificiation to be provided exceed the maximum field length of 70 characters, element 4440 can be repeated. The identification is then chained in the network.

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SG1	**C**	**10**	**Reference**
RFF	**M**	**1**	**Reference**

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**			
C506	Reference	M		M			
1153	Reference qualifier	M	an..3	M	an..3	*AEU*	*Supplier's reference number*
						IV	*Invoice number*
						ON	*Order number (purchase)*
						POR	*Purchase order response number*
1154	Reference number	C	an..35	C	an..35	Identification number	

Example: RFF+ON:Purchase Order ID'

A segment identifying the reference by its number and where appropriate a line number within a document.

Note that the purchase order number (RFF+ON) is always required.

If the purchase order response number (RFF+POR) is sent within SG1, it will override the value provided in BGM/1004.

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SG1	**C**	**10**	**Reference**
DTM	**C**	**5**	**Date/Time**

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**		
C507	Date/time/period	M		M		
2005	Date/time/period qualifier	M	an..3	M	an..3	*4 Order date/time*
2380	Date/time/period	C	an..35	C	an..35	Date/time
2379	Date/time/period format qualifier	C	an..3	C	an..3	The following codes are supported. Code 304 is recommended. Please refer for special requirements and time zone usage to APPENDIX - CODELISTS 2379 Date/time/period format qualifier. *102 CCYYMMDD* *203 CCYYMMDDHHMM* *204 CCYYMMDDHHMMSS* *303 CCYYMMDDHHMMZZZ* *304 CCYYMMDDHHMMSSZZZ*

Example: DTM+4:20160103:102'

A segment specifying general dates and times related to references.

Date/Time Note:
Note that a complete date/time/zone is recommended. Otherwise it will be automatically calculated and might lead to wrong data.
Timestamps in cXML are represented as a date with a time, and an offset to UTC.
If you do not specify a time, it will be taken as noon (12:00) on the date specified.
If you do not specify the time code (zone), then it will be defaulted to UTC (+00:00).

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SG3	**C 99**	**Name and address**	
NAD	**M 1**	**Name and address**	

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**			
3035	Party qualifier	M	an..3	M	an..3	*AM*	*Administrator*
						AT	*Technical support*
						BI	*Buyer master account*
						BT	*Bill to*
						BY	*Buyer*
						CA	*Carrier*
						DO	*Correspondent*
						DU	*Subsequent buyer*
						FD	*Buyer corporate*
						II	*Issuer of invoice*
						OB	*Ordered by*
						PD	*Purchasing agent*
						PK	*Tax representative*
						PO	*Buyer account*
						RE	*Remit to*
						RH	*Supplier master account*
						SB	*Sales responsibility*
						SE	*Supplier account*
						SF	*Ship from*
						SO	*Sold to if different than bill to*
						SR	*Customer service*
						ST	*Ship to*
						SU	*Supplier*
						UC	*Ultimate consignee*
						ZZZ	*Mutually defined*
C082	Party identification details	C		C			
3039	Party id. identification	M	an..35	M	an..35	Party identification	
1131	Code list qualifier	C	an..3	X			
3055	Code list responsible agency, coded	C	an..3	C	an..3	*3*	*IATA (International Air Transport Association)*
						9	*EAN (International Article Numbering association)*
						12	*UIC (International union of railways)*
						16	*DUNS (Dun & Bradstreet)*
						91	*Assigned by seller or seller's agent*
						92	*Assigned by buyer or buyer's agent*
						182	*US, Standard Carrier Alpha Code (Motor)*
C058	Name and address	C		C			
3124	Name and address line	M	an..35	M	an..35	Party name	
3124	Name and address line	C	an..35	C	an..35	Party name	
3124	Name and address line	C	an..35	C	an..35	Party name	
3124	Name and address line	C	an..35	C	an..35	Party name	
3124	Name and address line	C	an..35	C	an..35	Party name	
C080	Party name	C		C			
3036	Party name	M	an..35	M	an..35	Party postal address name 1	
3036	Party name	C	an..35	C	an..35	Party postal address name 2	
3036	Party name	C	an..35	C	an..35	Party postal address name 3	
3036	Party name	C	an..35	C	an..35	Party postal address name 4	
3036	Party name	C	an..35	C	an..35	Party postal address name 5	
C059	Street	C		C			
3042	Street and number/p.o. box	M	an..35	M	an..35	Party street 1	

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NAD M 1 Name and address

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
3042	Street and number/p.o. box	C	an..35	C	an..35	Party street 2
3042	Street and number/p.o. box	C	an..35	C	an..35	Party street 3
3042	Street and number/p.o. box	C	an..35	C	an..35	Party street 4
3164	City name	C	an..35	C	an..35	Party city
3229	Country sub-entity identification	C	an..9	C	an..9	Identification of the name of sub-entities (state,province) defined by appropriate governmental agencies.
3251	Postcode identification	C	an..9	C	an..9	Party postal code
3207	Country, coded	C	an..3	C	an..3	Party country code Identification of the name of the country or other geographical entity, use ISO 3166 two alpha country code. Please refer to APPENDIX - CODELISTS 3207 Country, coded.

Example: NAD+BT+Bill to ID::92+Bill to Name+Bill to AddrName+Bill to Street+Bill to City+IL+ZIP+FR'

A segment identifying names and addresses of the parties, in coded or clear form and their functions relevant to the order response.

Note that only the Name (C058/3124) is actually required.
If the name to be provided exceed the maximum field length of 35 characters, element 3036 can be repeated. The name is then chained in the network.

The postal address is optional.

If any element from a postal address (NAD C080 - NAD 3207) is being provided, then street (C059/3042), city (3164) and the two-char ISO-3166 country code (3207) are all required and become mandatory.

If the country code (3207) is US or CA, then the country-sub-entity (3229) is also required and must be a valid state or province digraph.

Within a postal address, party name (C080/3036) is supposed to represent specific recipient name(s) of a package or envelope. This may also include intra-office routing information, such as a department, a floor, office, or cube number.

Use of party name (C080/3036) is entirely optional.

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SG3	**C**	**99**	**Name and address**
SG6	**C**	**5**	**Contact information**
CTA	**M**	**1**	**Contact information**

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**		
3139	Contact function, coded	C	an..3	C	an..3	*IC Information contact*
C056	Department or employee details	C		C		
3413	Department or employee identification	C	an..17	C	an..17	Contact identification
3412	Department or employee	C	an..35	C	an..35	Contact name

Example: CTA+IC+Info Contact:Info Contact Name'

A segment to identify a person or department, and their function, to whom communications should be directed.

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SG3	**C 99**	**Name and address**
SG6	**C 5**	**Contact information**
COM	**C 5**	**Communication contact**

Standard EDIFACT				SAP Ariba Usage, allowed Codes			
C076	Communication contact	M		M			
3148	Communication number	M	an..512	M	an..512	Communication number	
3155	Communication channel qualifier	M	an..3	M	an..3	*CA*	*World Wide Web*
						EM	*Electronic mail*
						FX	*Telefax*
						TE	*Telephone*

Example: COM+Phone Number:TE'

A segment to identify a communication type and number for the contact specified in the CTA segment.

Example:
CTA+IC+P001:Information contact'
COM+?+49 89 35 874-340:TE'
COM+?+49 89 35 874-349:FX'
COM+billing@supplier.com:EM'
COM+www.supplier.com:CA'

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SG7	**C**	**5**	**Duty/tax/fee details**
TAX	**M**	**1**	**Duty/tax/fee details**

Standard EDIFACT				SAP Ariba Usage, allowed Codes			
5283	Duty/tax/fee function qualifier	M	an..3	M	an..3	*5* *Customs duty* *7* *Tax*	
C241	Duty/tax/fee type	C		C			
5153	Duty/tax/fee type, coded	C	an..3	C	an..3	Tax type code All values defined by D.96A are allowed to be used. Please refer to APPENDIX - CODELISTS 5153 Duty/tax/fee type, coded.	
1131	Code list qualifier	C	an..3	X			
3055	Code list responsible agency, coded	C	an..3	X			
5152	Duty/tax/fee type	C	an..35	C	an..35	Tax location Location or jurisdiction associated with this tax. This is just a name.	
C533	Duty/tax/fee account detail	C		C			
5289	Duty/tax/fee account identification	M	an..6	M	an..6	*yes* *The entire invoice is VAT (Value Added Tax)-recoverable*	
5286	Duty/tax/fee assessment basis	C	an..15	C	an..15	Taxable amount on which the tax percentage is calculated.	
C243	Duty/tax/fee detail	C		C			
5279	Duty/tax/fee rate identification	C	an..7	X			
1131	Code list qualifier	C	an..3	X			
3055	Code list responsible agency, coded	C	an..3	X			
5278	Duty/tax/fee rate	C	an..17	C	an..17	Percentage rate	
5305	Duty/tax/fee category, coded	C	an..3	C	an..3	*E* *Exempt from tax* *Z* *Zero rated goods*	
3446	Party tax identification number	C	an..20	C	an..20	Tax (detail) description	

Example: TAX+7+VAT:::Tax location+yes+1000.00+:::12.00+E+PartyTaxID'

A segment specifying a tax type, category and rate or exemption, relating to the header.

Example:
TAX+7+VAT++1000.00+:::12++Tax detail description'
MOA+124:120.00:4'
TAX+7+LOC++1000.00+:::8++Tax detail description'
MOA+124:80.00:4'

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SG7	**C 5**	**Duty/tax/fee details**
MOA	**C 1**	**Monetary amount**

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**		
C516	Monetary amount	M		M		
5025	Monetary amount type qualifier	M	an..3	M	an..3	*124* *Tax amount*
5004	Monetary amount	C	n..18	C	n..18	Amount
6345	Currency, coded	C	an..3	C	an..3	Identification of the name or symbol of the monetary unit involved in the transaction. Use ISO 4217 three alpha code e.g. *EUR* *Euro* *USD* *US Dollar*

Example: MOA+124:100.00:USD'

A segment specifying the amount for the identified tax/fee.

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SG12	**C 5**	**Terms of delivery or transport**
TOD	**M 1**	**Terms of delivery or transport**

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**		
4055	Terms of delivery or transport function, coded	C	an..3	X		
4215	Transport charges method of payment, coded	C	an..3	X		
C100	Terms of delivery or transport	C		C		
4053	Terms of delivery or transport, coded	C	an..3	C	an..3	Identification of the terms agreed between two parties (e.g. seller/buyer, shipper/carrier) under which a product or service is provided. E.g. *CFR* *Cost & Freight* *CIF* *Cost, Insurance, Freight to named destination* *CIP* *Freight, Carriage, Insurance to destination* *CPT* *Freight, Carriage paid to destination* *DAF* *Delivery at frontier - Named place* *DDP* *Delivered duty paid to destination* *DEQ* *Delivered Ex Quay - Duty paid, Named port* *DES* *Delivered Ex ship - Named port of destination* *EXW* *Ex works* *FAS* *Free alongside ship* *FCA* *Free carrier - Named point* *FOB* *Free on Board - Named port of shipment*

Example: TOD+++FOB'

A segment indicating the terms of delivery and transfer.

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SG19	C	15	Allowance or charge
ALC	M	1	Allowance or charge

Standard EDIFACT				SAP Ariba Usage, allowed Codes			
5463	Allowance or charge qualifier	M	an..3	M	an..3	*A* *C*	*Allowance* *Charge*
C552	Allowance/charge information	C		X			
1230	Allowance or charge number	C	an..35	X			
4471	Settlement, coded	C	an..3	X			
1227	Calculation sequence indicator, coded	C	an..3	X			
C214	Special services identification	C		C			
7161	Special services, coded	C	an..3	C	an..3	*ABK* *ABP* *ACA* *ADI* *AJ* *CL* *DI* *FAC* *FC* *HD* *IN* *SC* *SF* *VAB*	*Miscellaneous* *Carriage charge* *Allowance* *Royalties* *Adjustments* *Contract allowance* *Discount* *Freight surcharge* *Freight charge* *Handling* *Insurance* *Surcharge* *Special rebate* *Volume discount*
1131	Code list qualifier	C	an..3	X			
3055	Code list responsible agency, coded	C	an..3	X			
7160	Special service	C	an..35	C	an..35	Special service description	
7160	Special service	C	an..35	C	an..35	Special service description	

Example: ALC+C++++FC:::Description 1:Description 2'

A segment identifying the charge or allowance and, where necessary, its calculation sequence.

In this example, a 10% allowance represents a price change of 9.90 Euros.
Original price: 99.00 Euro
Deducted price: 89.10 Euro

ALC+A++++ACA:::Description 1:Description 2'
DTM+194:20160101:102'
DTM+206:20160201:102'
PCD+3:10:13'
MOA+98:99.00:EUR:9'
MOA+4:89.10:EUR:9'

In this example, a 8% volume discount representing 80.00 Euros is being offered.

ALC+A++++VAB:::Description 1:Description 2'
DTM+194:20160101:102'
DTM+206:20160201:102'
PCD+3:8:13'
MOA+8:80.00:EUR:9'

In this example, a 10% freight fee representing 120.00 Euros is being charged.

ALC+C++++FC:::Freight-Charge-Description 1:Freight-Charge-Description 2'
MOA+8:120.00:EUR:9'

If the special service description to be provided exceed the maximum field length of 35 characters, element 7160 can be repeated. The description is then chained in the network.

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SG19	**C 15**	**Allowance or charge**
DTM	**C 5**	**Date/Time**

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
C507	Date/time/period	M		M		
2005	Date/time/period qualifier	M	an..3	M	an..3	*194* *Start date/time* *206* *End date/time*
2380	Date/time/period	C	an..35	C	an..35	Date/time
2379	Date/time/period format qualifier	C	an..3	C	an..3	The following codes are supported. Code 304 is recommended. Please refer for special requirements and time zone usage to APPENDIX - CODELISTS 2379 Date/time/period format qualifier. *102* *CCYYMMDD* *203* *CCYYMMDDHHMM* *204* *CCYYMMDDHHMMSS* *303* *CCYYMMDDHHMMZZZ* *304* *CCYYMMDDHHMMSSZZZ*

Example: DTM+194:20160101:102'

A segment specifying the date/time related to the allowance or charge.

Date/Time Note:
Note that a complete date/time/zone is recommended. Otherwise it will be automatically calculated and might lead to wrong data.
Timestamps in cXML are represented as a date with a time, and an offset to UTC.
If you do not specify a time, it will be taken as noon (12:00) on the date specified.
If you do not specify the time code (zone), then it will be defaulted to UTC (+00:00).

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SG19	**C**	**15**	**Allowance or charge**
SG21	**C**	**1**	**Percentage details**
PCD	**M**	**1**	**Percentage details**

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**			
C501	Percentage details	M		M			
5245	Percentage qualifier	M	an..3	M	an..3	*3*	*Allowance or charge*
5482	Percentage	C	n..10	C	n..10	Percentage rate	
5249	Percentage basis, coded	C	an..3	C	an..3	*13*	*Invoice value*

Example: PCD+3:5.00:13'

A segment specifying the percentage and the percentage basis for the calculation of the allowance or charge.

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SG19	**C**	**15**	**Allowance or charge**
SG22	**C**	**2**	**Monetary amount**
MOA	**M**	**1**	**Monetary amount**

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
C516	Monetary amount	M		M		
5025	Monetary amount type qualifier	M	an..3	M	an..3	*4* *Deducted price* *8* *Allowance or charge amount* *98* *Original price*
5004	Monetary amount	C	n..18	C	n..18	Amount (MOA+8) Price (MOA+4 and MOA+98)
6345	Currency, coded	C	an..3	C	an..3	Identification of the name or symbol of the monetary unit involved in the transaction. Use ISO 4217 three alpha code e.g. *EUR* *Euro* *USD* *US Dollar*
6343	Currency qualifier	C	an..3	C	an..3	*9* *Order currency*

Example: MOA+8:100.00:USD:9'

A segment identifying the monetary amount for the allowance or charge.

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SG19	**C**	**15**	**Allowance or charge - Shipping costs**
ALC	**M**	**1**	**Allowance or charge - Shipping costs**

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**		
5463	Allowance or charge qualifier	M	an..3	M	an..3	*C* *Charge*
C552	Allowance/charge information	C		C		
1230	Allowance or charge number	C	an..35	C	an..35	Tracking domain
4471	Settlement, coded	C	an..3	X		
1227	Calculation sequence indicator, coded	C	an..3	X		
C214	Special services identification	C		C		
7161	Special services, coded	C	an..3	C	an..3	*SAA* *Shipping and handling*
1131	Code list qualifier	C	an..3	X		
3055	Code list responsible agency, coded	C	an..3	C	an..3	
7160	Special service	C	an..35	C	an..35	Special service description
7160	Special service	C	an..35	C	an..35	Tracking number

Example: ALC+C+Tracking Domain+++SAA:::Description:Tracking ID'

A segment identifying the shipping charge or allowance and, where necessary, its calculation sequence.

Example:
In this example, a 10.00 Euro shipping fee is being charged.

ALC+C+Tracking Domain+++SAA:::Description:Tracking ID'
MOA+23:10.00:EUR:9'
MOA+23:11.25:USD:7'

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SG19	**C**	**15**	**Allowance or charge - Shipping costs**
SG22	**C**	**2**	**Monetary amount**
MOA	**M**	**1**	**Monetary amount**

Standard EDIFACT				SAP Ariba Usage, allowed Codes			
C516	Monetary amount	M		M			
5025	Monetary amount type qualifier	M	an..3	M	an..3	*23*	*Charge amount*
5004	Monetary amount	C	n..18	C	n..18	Amount	
6345	Currency, coded	C	an..3	C	an..3	Identification of the name or symbol of the monetary unit involved in the transaction. Use ISO 4217 three alpha code e.g. *EUR* *Euro* *USD* *US Dollar*	
6343	Currency qualifier	C	an..3	C	an..3	*7* *Target currency* *9* *Order currency*	

Example: MOA+23:10.00:EUR:9'

A segment identifying the monetary amount for the allowance or charge.

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SG26	**C**	**200000**	**Line item**
LIN	**M**	**1**	**Line item**

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
1082	Line item number	C	n..6	M	n..6	Line item number
1229	Action request/notification, coded	C	an..3	X		
C212	Item number identification	C		M		
7140	Item number	C	an..35	M	an..35	Suppliers part number
7143	Item number type, coded	C	an..3	M	an..3	*VN* *Suppliers part number* *SA* *Suppliers item number* *User Note (VN+SA):
C829	Sub-line information	C		C		
5495	Sub-line indicator, coded	C	an..3	C	an..3	*1* *Sub-line information*
1082	Line item number	C	n..6	C	n..6	Parent line number

Example: LIN+10++Supplier Part ID:VN+1:1'

A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service ordered.

*User Note (VN+SA):
The supplier part number is always required. Either VN or SA is accepted.

The minimum information in the line item are line item number, supplier part number, ordered quantity and scheduling conditions quantity (Measure unit qualifier is required for both quatities).

Example:
LIN+10+Supplier Part ID:VN'
QTY+21:100:C62'
SCC+1'
QTY+194:100:C62'

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SG26	**C**	**200000**	**Line item**
PIA	**C**	**25**	**Additional product id**

Standard EDIFACT				SAP Ariba Usage, allowed Codes			
4347	Product id. function qualifier	M	an..3	M	an..3	*1*	*Additional identification*
						5	*Product identification*
C212	Item number identification	M		M			
7140	Item number	C	an..35	C	an..35	Item identification number	
7143	Item number type, coded	C	an..3	C	an..3	*BP*	*Buyers part number*
						CC	*Classification*
						EN	*International Article Numbering Association (EAN)*
						MF	*Manufacturers part number*
						NB	*Batch number*
						VS	*Suppliers supplemental part number*
						ZZZ	*European waste catalog number*
C212	Item number identification	C		C			
7140	Item number	C	an..35	C	an..35	Item identification number	
7143	Item number type, coded	C	an..3	C	an..3	*BP*	*Buyers part number*
						CC	*Classification*
						EN	*International Article Numbering Association (EAN)*
						MF	*Manufacturers part number*
						NB	*Batch number*
						VS	*Suppliers supplemental part number*
						ZZZ	*European waste catalog number*
C212	Item number identification	C		C			
7140	Item number	C	an..35	C	an..35	Item identification number	
7143	Item number type, coded	C	an..3	C	an..3	*BP*	*Buyers part number*
						CC	*Classification*
						EN	*International Article Numbering Association (EAN)*
						MF	*Manufacturers part number*
						NB	*Batch number*
						VS	*Suppliers supplemental part number*
						ZZZ	*European waste catalog number*
C212	Item number identification	C		C			
7140	Item number	C	an..35	C	an..35	Item identification number	
7143	Item number type, coded	C	an..3	C	an..3	*BP*	*Buyers part number*
						CC	*Classification*
						EN	*International Article Numbering Association (EAN)*
						MF	*Manufacturers part number*
						NB	*Batch number*
						VS	*Suppliers supplemental part number*
						ZZZ	*European waste catalog number*
C212	Item number identification	C		C			
7140	Item number	C	an..35	C	an..35	Item identification number	
7143	Item number type, coded	C	an..3	C	an..3	*BP*	*Buyers part number*
						CC	*Classification*
						EN	*International Article Numbering Association (EAN)*
						MF	*Manufacturers part number*
						NB	*Batch number*
						VS	*Suppliers supplemental part number*
						ZZZ	*European waste catalog number*
C212	Item number identification	C		C			
7140	Item number	C	an..35	C	an..35	Item identification number	
7143	Item number type, coded	C	an..3	C	an..3	*BP*	*Buyers part number*
						CC	*Classification*
						EN	*International Article Numbering Association (EAN)*
						MF	*Manufacturers part number*
						NB	*Batch number*
						VS	*Suppliers supplemental part number*
						ZZZ	*European waste catalog number*

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PIA C 25 Additional product id

Example: PIA+1+EAN Part ID:EN+Supplemental Part ID:VS+European Waste ID:ZZZ+unspsc:CC+Supplier Batch:NB'

To specify additional or substitutional item identification codes.

It is not necessary to echo all identification numbers from the ORDERS. This segment is used to supplement the information from the ORDERS with optional information filled in by the supplier.

PIA 4347 = 1 (additional information) should only be used with:
PIA C212/4143 = CC (Classification)
PIA C212/4143 = EN (EAN number)
PIA C212/4143 = NB (Supplier batch number)
PIA C212/4143 = VS (Suppliers supplemental item number)
PIA C212/4143 = ZZZ (European waste catalog number)

PIA 4347 = 5 (product information) should only be used with:
PIA C212/4143 = BP (Buyers part number)
PIA C212/4143 = MF (Manufacturers article number)

Example:
PIA+5+Buyer Part ID:BP+Manufacturer Part ID:MF'
PIA+1+Supplier Supplemental Part ID:VS+EAN ID:EN+Class:CC'

Commodity classification of the service (CC)

Typically lists the UNSPSC (United Nations Standard Products and Services Code) commodity code for each selected item. These codes are used by backend systems within buyer and supplier organizations for accounting and report generation. For the list of UNSPSC codes, see www.unspsc.org.

If custom classificiations are required, please use CCI Characteristic/class id segment.

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SG26	**C**	**200000**	**Line item**
IMD	**C**	**99**	**Item description**

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
7077	Item description type, coded	C	an..3	C	an..3	*F* *Free-form* *E* *Free-form short description*
7081	Item characteristic, coded	C	an..3	X		
C273	Item description	C		C		
7009	Item description identification	C	an..17	C	an..17	Short item description
1131	Code list qualifier	C	an..3	X		
3055	Code list responsible agency, coded	C	an..3	X		
7008	Item description	C	an..35	C	an..35	Item description
7008	Item description	C	an..35	C	an..35	Item description
3453	Language, coded	C	an..3	C	an..3	Code of language (ISO 639-1988) e.g. *EN* *English*

Example: IMD+F++:::Item Description::EN'

A segment describing the product or service being ordered as well as product characteristics. This segment should be used for products or services that cannot be fully identified by a product code or article number.

Note that the regular and short item descriptions are both used. Neither one is required.

If the short item description to be provided exceed the maximum field length of 17 characters, element(s) 7008 can be used in addition. The description is then chained in the network.

If the regular item description to be provided exceed the maximum field length of 35 characters, element 7008 can be repeated. The description is then chained in the network.

Example:
IMD+F++:::Item-Description::EN'
IMD+E++Item-Short-Descri:::ption::EN'

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SG26	**C**	**200000**	**Line item**
QTY	**M**	**10**	**Quantity**

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
C186	Quantity details	M		M		
6063	Quantity qualifier	M	an..3	M	an..3	*21 Ordered quantity*
6060	Quantity	M	n..15	M	n..15	Quantity
6411	Measure unit qualifier	C	an..3	M	an..3	Indication of the unit of measurement in which weight(mass), capacity, length, area, volume or other quantity is expressed. See UN/ECE recommendation 20. E.g. *C62 one, piece, unit*

Example: QTY+21:100:C62'

A segment identifying the product quantities.

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SG26	**C**	**200000**	**Line item**
DTM	**C**	**35**	**Date/time/period**

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**			
C507	Date/time/period	M		M			
2005	Date/time/period qualifier	M	an..3	M	an..3	*143*	*Acceptance date/time of goods*
2380	Date/time/period	C	an..35	C	an..35	Number of days the buyer schedules for the inspection of goods after receiving them	
2379	Date/time/period format qualifier	C	an..3	C	an..3	*804*	*Day*

Example: DTM+143:10:804'

Date and/or time, or period relevant to the specified date/time/period type.

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SG26	**C**	**200000**	**Line item**
MOA	**C**	**10**	**Monetary amount**

Standard EDIFACT				SAP Ariba Usage, allowed Codes			
C516	Monetary amount	M		M			
5025	Monetary amount type qualifier	M	an..3	M	an..3	*146*	*Unit price*
5004	Monetary amount	C	n..18	C	n..18	Unit price	
6345	Currency, coded	C	an..3	C	an..3	Identification of the name or symbol of the monetary unit involved in the transaction. Use ISO 4217 three alpha code e.g. *EUR* *Euro* *USD* *US Dollar*	
6343	Currency qualifier	C	an..3	C	an..3	*9*	*Order currency*

Example: MOA+146:100.00:EUR:9'

A segment specifying any monetary amounts relating to the product e.g. item amount, insurance value, customs value.

Please note:
The usage of this segment is deprecated. Use "PRI" segment instead.

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SG26	**C**	**200000**	**Line item**
SG27	**C**	**999**	**Characteristic/class id - Item Classification**
CCI	**M**	**1**	**Characteristic/class id - Item Classification**

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**		
7059	Property class, coded	C	an..3	X		
C502	Measurement details	C		X		
6313	Measurement dimension, coded	C	an..3	X		
C240	Product characteristic	C		C		
7037	Characteristic identification	M	an..17	M	an..17	Classification type
1131	Code list qualifier	C	an..3	X		
3055	Code list responsible agency, coded	C	an..3	X		
7036	Characteristic	C	an..35	C	an..35	Classification

Example: CCI+++custom:::5136030000'

A segment to identify product characteristic and, or the characteristic name and characteristic relevance for the business process.

Typically lists the UNSPSC (United Nations Standard Products and Services Code) commodity code for each selected item. These codes are used by backend systems within buyer and supplier organizations for accounting and report generation. For the list of UNSPSC codes, see www.unspsc.org.

UNSPSC classifications are also supported at additional product id segment (PIA/C212/7143="CC").

If custom classificiations are required, please use CCI Characteristic/class id segment.

Example:
CCI+++UNSPSC:::5136030000'
CCI+++custom:::12345'

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SG26	**C**	**200000**	**Line item**
SG30	**C**	**25**	**Price details**
PRI	**M**	**1**	**Price details**

Standard EDIFACT				SAP Ariba Usage, allowed Codes			
C509	Price information	C		C			
5125	Price qualifier	M	an..3	M	an..3	*CAL*	*Calculation price*
5118	Price	C	n..15	C	n..15	Unit price	
5375	Price type, coded	C	an..3	X			
5387	Price type qualifier	C	an..3	C	an..3	*AAK* *CUP*	*New price (changed unit price)* *Confirmed unit price*
5284	Unit price basis	C	n..9	C	n..9	Price basis quantity	
6411	Measure unit qualifier	C	an..3	C	an..3	Indication of the unit of measurement in which weight(mass), capacity, length, area, volume or other quantity is expressed. See UN/ECE Recommendation 20. E. g. *C62*	*one, piece, unit*

Example: PRI+CAL:::CUP:100:C62'

A segment to specify the price type and amount. The price used for the calculation of the line amount will be identified as 'Price'.

PRI/C509/5387="CUP" is used to show a confirmed unit price and should be used only when there is a part number change.

PRI/C509/5387="AAK" is used here to show a changed unit price.
The value would be expected to be different from PRI/C509/5125="AAA" provided on the purchase order.

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SG26	**C**	**200000**	**Line item**
SG30	**C**	**25**	**Price details**
CUX	**C**	**1**	**Currencies**

Standard EDIFACT				SAP Ariba Usage, allowed Codes			
C504	Currency details	C		C			
6347	Currency details qualifier	M	an..3	M	an..3	*5*	*Calculation base currency*
6345	Currency, coded	C	an..3	C	an..3	Identification of the name or symbol of the monetary unit involved in the transaction. Use ISO 4217 three alpha code e.G. *EUR* *Euro* *USD* *US Dollar*	
6343	Currency qualifier	C	an..3	C	an..3	*9*	*Order currency*

Example: CUX+5:EUR:9'

A segment identifying the currencies required in the order e.g. the order currency.

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SG26	**C**	**200000**	**Line item**
SG31	**C**	**999**	**Reference - Type of item identification**
RFF	**M**	**1**	**Reference - Type of item identification**

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
C506	Reference	M		M		
1153	Reference qualifier	M	an..3	M	an..3	*FI* *File line identifier*
1154	Reference number	C	an..35	C	an..35	Item type identification *UserNote (ItemType)
1156	Line number	C	an..6	X		
4000	Reference version number	C	an..35	C	an..35	Composite item type identification *UserNote (CompositeItemType)

Example: RFF+FI:composite::itemLevel'

A segment identifying the reference by its number and where appropriate a line number within a document.

*UserNote (ItemType):
The item type specifies whether the line item is a grouped item having child items or an independent line item.

Supported standard values are:
"composite": Identifies an item group.
"item": Identifies an independent line item.

---

*UserNote (CompositeItemType):
The composite item type specifies whether a parent item uses group-level pricing.

Supported standard values are:
"groupLevel": Parent item uses group-level pricing.
"itemLevel": Parent item uses item-level pricing.

Example:
RFF+FI:composite::groupLevel'

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SG26	**C**	**200000**	**Line item**
SG36	**C**	**10**	**Duty/tax/fee details**
TAX	**M**	**1**	**Duty/tax/fee details**

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
5283	Duty/tax/fee function qualifier	M	an..3	M	an..3	*5* *Customs duty* *7* *Tax*
C241	Duty/tax/fee type	C		C		
5153	Duty/tax/fee type, coded	C	an..3	C	an..3	Tax type code All values defined by D.96A are allowed to be used. Please refer to APPENDIX - CODELISTS 5153 Duty/tax/fee type, coded.
1131	Code list qualifier	C	an..3	X		
3055	Code list responsible agency, coded	C	an..3	X		
5152	Duty/tax/fee type	C	an..35	C	an..35	Tax location Location or jurisdiction associated with this tax. This is just a name.
C533	Duty/tax/fee account detail	C		C		
5289	Duty/tax/fee account identification	M	an..6	M	an..6	*yes* *The entire invoice is VAT (Value Added Tax)-recoverable*
5286	Duty/tax/fee assessment basis	C	an..15	C	an..15	Taxable amount on which the tax percentage is calculated.
C243	Duty/tax/fee detail	C		C		
5279	Duty/tax/fee rate identification	C	an..7	X		
1131	Code list qualifier	C	an..3	X		
3055	Code list responsible agency, coded	C	an..3	X		
5278	Duty/tax/fee rate	C	an..17	C	an..17	Percentage rate
5305	Duty/tax/fee category, coded	C	an..3	C	an..3	*E* *Exempt from tax* *Z* *Zero rated goods*
3446	Party tax identification number	C	an..20	C	an..20	Tax (detail) description

Example: TAX+7+VAT:::Tax location+yes+1000.00+:::12.00+E+PartyTaxID'

A segment specifying a tax type, category and rate or exemption, relating to the line item.

Example:
TAX+7+VAT++1000.00+:::12++Tax detail description'
MOA+124:120.00:4'
TAX+7+LOC++1000.00+:::8++Tax detail description'
MOA+124:80.00:4'

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SG26	**C**	**200000**	**Line item**
SG36	**C**	**10**	**Duty/tax/fee details**
MOA	**C**	**1**	**Monetary amount**

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
C516	Monetary amount	M		M		
5025	Monetary amount type qualifier	M	an..3	M	an..3	*124 Tax amount*
5004	Monetary amount	C	n..18	C	n..18	Amount
6345	Currency, coded	C	an..3	C	an..3	Identification of the name or symbol of the monetary unit involved in the transaction. Use ISO 4217 three alpha code e.g. *EUR Euro* *USD US Dollar*

Example: MOA+124:100.00:USD'

A segment specifying the amount for the identified tax/fee.

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SG26	**C**	**200000**	**Line item**
SG37	**C**	**99**	**Name and address**
NAD	**M**	**1**	**Name and address**

Standard EDIFACT				SAP Ariba Usage, allowed Codes			
3035	Party qualifier	M	an..3	M	an..3	*AM*	*Administrator*
						AT	*Technical support*
						BI	*Buyer master account*
						BT	*Bill to*
						BY	*Buyer*
						CA	*Carrier*
						DO	*Correspondent*
						DU	*Subsequent buyer*
						FD	*Buyer corporate*
						II	*Issuer of invoice*
						OB	*Ordered by*
						PD	*Purchasing agent*
						PK	*Tax representative*
						PO	*Buyer account*
						RE	*Remit to*
						RH	*Supplier master account*
						SB	*Sales responsibility*
						SE	*Supplier account*
						SF	*Ship from*
						SO	*Sold to if different than bill to*
						SR	*Customer service*
						ST	*Ship to*
						SU	*Supplier*
						UC	*Ultimate consignee*
						ZZZ	*Mutually defined*
C082	Party identification details	C		C			
3039	Party id. identification	M	an..35	M	an..35	Party identification	
1131	Code list qualifier	C	an..3	X			
3055	Code list responsible agency, coded	C	an..3	C	an..3	*3*	*IATA (International Air Transport Association)*
						9	*EAN (International Article Numbering association)*
						12	*UIC (International union of railways)*
						16	*DUNS (Dun & Bradstreet)*
						91	*Assigned by seller or seller's agent*
						92	*Assigned by buyer or buyer's agent*
						182	*US, Standard Carrier Alpha Code (Motor)*
C058	Name and address	C		C			
3124	Name and address line	M	an..35	M	an..35	Party name	
3124	Name and address line	C	an..35	C	an..35	Party name	
3124	Name and address line	C	an..35	C	an..35	Party name	
3124	Name and address line	C	an..35	C	an..35	Party name	
3124	Name and address line	C	an..35	C	an..35	Party name	
C080	Party name	C		C			
3036	Party name	M	an..35	M	an..35	Party postal address name 1	
3036	Party name	C	an..35	C	an..35	Party postal address name 2	
3036	Party name	C	an..35	C	an..35	Party postal address name 3	
3036	Party name	C	an..35	C	an..35	Party postal address name 4	
3036	Party name	C	an..35	C	an..35	Party postal address name 5	
C059	Street	C		C			

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NAD M 1 Name and address

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
3042	Street and number/p.o. box	M	an..35	M	an..35	Party street 1
3042	Street and number/p.o. box	C	an..35	C	an..35	Party street 2
3042	Street and number/p.o. box	C	an..35	C	an..35	Party street 3
3042	Street and number/p.o. box	C	an..35	C	an..35	Party street 4
3164	City name	C	an..35	C	an..35	Party city
3229	Country sub-entity identification	C	an..9	C	an..9	Identification of the name of sub-entities (state,province) defined by appropriate governmental agencies.
3251	Postcode identification	C	an..9	C	an..9	Party postal code
3207	Country, coded	C	an..3	C	an..3	Party country code Identification of the name of the country or other geographical entity, use ISO 3166 two alpha country code. Please refer to APPENDIX - CODELISTS 3207 Country, coded.

Example: NAD+ST+Ship to ID::9+Ship to Name+Ship to AddrName+Ship to Street 1+Ship to City+TX+ZIP+US'

A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the order.

Note that only the Name (C058/3124) is actually required.
If the name to be provided exceed the maximum field length of 35 characters, element 3036 can be repeated. The name is then chained in the network.
The postal address is optional.

If any element from a postal address (NAD C080 - NAD 3207) is being provided, then street (C059/3042), city (3164) and the two-char ISO-3166 country code (3207) are all required and become mandatory.

If the country code (3207) is US or CA, then the country-sub-entity (3229) is also required and must be a valid state or province digraph.

Within a postal address, party name (C080/3036) is supposed to represent specific recipient name(s) of a package or envelope. This may also include intra-office routing information, such as a department, a floor, office, or cube number.

Use of party name (C080/3036) is entirely optional.

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SG26	**C**	**200000**	**Line item**
SG37	**C**	**99**	**Name and address**
SG40	**C**	**5**	**Contact information**
CTA	**M**	**1**	**Contact information**

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**		
3139	Contact function, coded	C	an..3	C	an..3	*IC Information contact*
C056	Department or employee details	C		C		
3413	Department or employee identification	C	an..17	C	an..17	Contact identification
3412	Department or employee	C	an..35	C	an..35	Contact name

Example: CTA+IC+Info Contact:Info Contact Name'

A segment to identify a person or department, and their function, to whom communications should be directed.

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SG26	**C**	**200000**	**Line item**
SG37	**C**	**99**	**Name and address**
SG40	**C**	**5**	**Contact information**
COM	**C**	**5**	**Communication contact**

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**			
C076	Communication contact	M		M			
3148	Communication number	M	an..512	M	an..512	Communication number	
3155	Communication channel qualifier	M	an..3	M	an..3	*CA*	*World Wide Web*
						EM	*Electronic mail*
						FX	*Telefax*
						TE	*Telephone*

Example: COM+Phone Number:TE'

A segment to identify a communication type and number for the contact specified in the CTA segment.

Example:
CTA+IC+P001:Information contact'
COM+?+49 89 35 874-340:TE'
COM+?+49 89 35 874-349:FX'
COM+billing@supplier.com:EM'
COM+www.supplier.com:CA'

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SG26	**C**	**200000**	**Line item**
SG37	**C**	**99**	**Name and address - Manufacturer**
NAD	**M**	**1**	**Name and address - Manufacturer**

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**		
3035	Party qualifier	M	an..3	M	an..3	*MF* *Manufacturer of goods*
C082	Party identification details	C		X		
3039	Party id. identification	M	an..35	X		
C058	Name and address	C		X		
3124	Name and address line	M	an..35	X		
C080	Party name	C		C		
3036	Party name	M	an..35	M	an..35	Manufacturer name
3036	Party name	C	an..35	C	an..35	Manufacturer name
3036	Party name	C	an..35	C	an..35	Manufacturer name
3036	Party name	C	an..35	C	an..35	Manufacturer name
3036	Party name	C	an..35	C	an..35	Manufacturer name

Example: NAD+MF+++Manufacturer Name'

A segment identifying names and adresses of the parties, in coded or clear form, and their functions relevant to the order.

If the manufacturer name to be provided exceed the maximum field length of 35 characters, element 3036 can be repeated. The name is then chained in the network.

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SG26	**C**	**200000**	**Line item**
SG41	**C**	**99**	**Allowance or charge**
ALC	**M**	**1**	**Allowance or charge**

Standard EDIFACT				SAP Ariba Usage, allowed Codes			
5463	Allowance or charge qualifier	M	an..3	M	an..3	*A* *C*	*Allowance* *Charge*
C552	Allowance/charge information	C		X			
1230	Allowance or charge number	C	an..35	X			
4471	Settlement, coded	C	an..3	X			
1227	Calculation sequence indicator, coded	C	an..3	X			
C214	Special services identification	C		C			
7161	Special services, coded	C	an..3	C	an..3	*ABK* *ABP* *ACA* *ADI* *AJ* *CL* *DI* *FAC* *FC* *HD* *IN* *SC* *SF* *VAB*	*Miscellaneous* *Carriage charge* *Allowance* *Royalties* *Adjustments* *Contract allowance* *Discount* *Freight surcharge* *Freight charge* *Handling* *Insurance* *Surcharge* *Special rebate* *Volume discount*
1131	Code list qualifier	C	an..3	X			
3055	Code list responsible agency, coded	C	an..3	X			
7160	Special service	C	an..35	C	an..35	Special service description	
7160	Special service	C	an..35	C	an..35	Special service description	

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ALC M 1 Allowance or charge

Example: ALC+A++++ACA:::Description 1:Description 2'

A segment identifying the charge or allowance and, where necessary, its calculation sequence.

In this example, a 10% allowance represents a price change of 9.90 Euros.
Original price: 99.00 Euro
Deducted price: 89.10 Euro

ALC+A++++ACA:::Description 1:Description 2'
DTM+194:20160101:102'
DTM+206:20160201:102'
PCD+3:10:13'
MOA+98:99.00:EUR:9'
MOA+4:89.10:EUR:9'

In this example, a 8% volume discount representing 80.00 Euros is being offered.

ALC+A++++VAB:::Description 1:Description 2'
DTM+194:20160101:102'
DTM+206:20160201:102'
PCD+3:8:13'
MOA+8:80.00:EUR:9'

In this example, a 10% freight fee representing 120.00 Euros is being charged.

ALC+C++++FC:::Freight-Charge-Description 1:Freight-Charge-Description 2'
MOA+8:120.00:EUR:9'

If the special service description to be provided exceed the maximum field length of 35 characters, element 7160 can be repeated. The description is then chained in the network.

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SG26	**C**	**200000**	**Line item**
SG41	**C**	**99**	**Allowance or charge**
DTM	**C**	**5**	**Date/Time**

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
C507	Date/time/period	M		M		
2005	Date/time/period qualifier	M	an..3	M	an..3	*194* *Start date/time* *206* *End date/time*
2380	Date/time/period	C	an..35	C	an..35	Date/time
2379	Date/time/period format qualifier	C	an..3	C	an..3	The following codes are supported. Code 304 is recommended. Please refer for special requirements and time zone usage to APPENDIX - CODELISTS 2379 Date/time/period format qualifier. *102* *CCYYMMDD* *203* *CCYYMMDDHHMM* *204* *CCYYMMDDHHMMSS* *303* *CCYYMMDDHHMMZZZ* *304* *CCYYMMDDHHMMSSZZZ*

Example: DTM+194:20160101:102'

A segment specifying the date/time related to the allowance or charge.

Date/Time Note:
Note that a complete date/time/zone is recommended. Otherwise it will be automatically calculated and might lead to wrong data.
Timestamps in cXML are represented as a date with a time, and an offset to UTC.
If you do not specify a time, it will be taken as noon (12:00) on the date specified.
If you do not specify the time code (zone), then it will be defaulted to UTC (+00:00).

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SG26	**C**	**200000**	**Line item**
SG41	**C**	**99**	**Allowance or charge**
SG43	**C**	**1**	**Percentage details**
PCD	**M**	**1**	**Percentage details**

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**		
C501	Percentage details	M		M		
5245	Percentage qualifier	M	an..3	M	an..3	*3 Allowance or charge*
5482	Percentage	C	n..10	C	n..10	Percentage rate

Example: PCD+3:5.00'

A segment specifying the percentage and the percentage basis for the calculation of the allowance or charge.

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SG26	**C**	**200000**	**Line item**
SG41	**C**	**99**	**Allowance or charge**
SG44	**C**	**2**	**Monetary amount**
MOA	**M**	**1**	**Monetary amount**

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
C516	Monetary amount	M		M		
5025	Monetary amount type qualifier	M	an..3	M	an..3	*4* *Deducted price* *8* *Allowance or charge amount* *98* *Original price*
5004	Monetary amount	C	n..18	C	n..18	Amount (MOA+8) Price (MOA+4 and MOA+98)
6345	Currency, coded	C	an..3	C	an..3	Identification of the name or symbol of the monetary unit involved in the transaction. Use ISO 4217 three alpha code e.g. *EUR* *Euro* *USD* *US Dollar*
6343	Currency qualifier	C	an..3	C	an..3	*9* *Order currency*

Example: MOA+8:100.00:USD:9'

A segment identifying the monetary amount for the allowance or charge.

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SG26	**C**	**200000**	**Line item**
SG41	**C**	**99**	**Allowance or charge - Shipping costs**
ALC	**M**	**1**	**Allowance or charge - Shipping costs**

Standard EDIFACT				SAP Ariba Usage, allowed Codes			
5463	Allowance or charge qualifier	M	an..3	M	an..3	*C*	*Charge*
C552	Allowance/charge information	C		C			
1230	Allowance or charge number	C	an..35	C	an..35	Tracking domain	
4471	Settlement, coded	C	an..3	X			
1227	Calculation sequence indicator, coded	C	an..3	X			
C214	Special services identification	C		C			
7161	Special services, coded	C	an..3	C	an..3	*SAA*	*Shipping and handling*
1131	Code list qualifier	C	an..3	X			
3055	Code list responsible agency, coded	C	an..3	X			
7160	Special service	C	an..35	C	an..35	Special service description	
7160	Special service	C	an..35	C	an..35	Tracking number	

Example: ALC+C+Tracking Domain+++SAA:::Description:Tracking ID'

A segment identifying the shipping charge or allowance and, where necessary, its calculation sequence.

Example:
In this example, a 10.00 Euro shipping fee is being charged.

ALC+C+Tracking Domain+++SAA:::Description:Tracking ID'
MOA+64:10.00:EUR:9'

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SG26	**C**	**200000**	**Line item**
SG41	**C**	**99**	**Allowance or charge - Shipping costs**
SG44	**C**	**2**	**Monetary amount**
MOA	**M**	**1**	**Monetary amount**

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**			
C516	Monetary amount	M		M			
5025	Monetary amount type qualifier	M	an..3	M	an..3	*23*	*Charge amount*
5004	Monetary amount	C	n..18	C	n..18	Amount	
6345	Currency, coded	C	an..3	C	an..3	Identification of the name or symbol of the monetary unit involved in the transaction. Use ISO 4217 three alpha code e.g. *EUR* *Euro* *USD* *US Dollar*	
6343	Currency qualifier	C	an..3	C	an..3	*9*	*Order currency*

Example: MOA+23:10.00:EUR:9'

A segment identifying the monetary amount for the allowance or charge.

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SG26	**C**	**200000**	**Line item**
SG51	**M**	**100**	**Scheduling conditions**
SCC	**M**	**1**	**Scheduling conditions**

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**			
4017	Delivery plan status indicator, coded	M	an..3	M	an..3	*1*	*Firm*

Example: SCC+1'

A segment specifying the type of the schedule being given, and optionally defining a pattern to be established.

Note that the minimum information in this scheduling segment is the quantity.

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SG26	**C**	**200000**	**Line item**
SG51	**M**	**100**	**Scheduling conditions**
FTX	**C**	**5**	**Free text**

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
4451	Text subject qualifier	M	an..3	M	an..3	*AAI General information*
4453	Text function, coded	C	an..3	X		
C107	Text reference	C		X		
4441	Free text, coded	M	an..3	X		
C108	Text literal	C		C		
4440	Free text	M	an..70	M	an..70	Free text
4440	Free text	C	an..70	C	an..70	Free text
4440	Free text	C	an..70	C	an..70	Free text
4440	Free text	C	an..70	C	an..70	Free text
4440	Free text	C	an..70	C	an..70	Free text
3453	Language, coded	C	an..3	C	an..3	Code of language (ISO 639-1988) e.g. *EN English*

Example: FTX+AAI+++General Information Text+EN'

A segment with free text information, in coded or clear form, used when additional information is needed but cannot be accommodated within other segments. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

Use FTX+AAI for general comments.

If the text to be provided exceed the maximum field length of 70 characters, element 4440 can be repeated. The text is then chained in the network.

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SG26	**C**	**200000**	**Line item**
SG51	**M**	**100**	**Scheduling conditions**
FTX	**C**	**5**	**Free text - Mutually defined references**

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**		
4451	Text subject qualifier	M	an..3	M	an..3	*ZZZ Mutually defined*
4453	Text function, coded	C	an..3	X		
C107	Text reference	C		X		
4441	Free text, coded	M	an..3	X		
C108	Text literal	C		C		
4440	Free text	M	an..70	M	an..70	Mutually defined identification name
4440	Free text	C	an..70	C	an..70	Mutually defined identification
4440	Free text	C	an..70	C	an..70	Mutually defined identification
4440	Free text	C	an..70	C	an..70	Mutually defined identification
4440	Free text	C	an..70	C	an..70	Mutually defined identification

Example: FTX+ZZZ+++MutuallyDefinedIDName:Mutually defined identification'

A segment with free text information, in coded or clear form, used when additional information is needed but cannot be accommodated within other segments. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

FTX+ZZZ contains information mutually defined by the trading partner. In this case the first occurrence of 4440 is used as identification name to specify the mutually defined usage provided in following 4440 element(s).

If the identificiation to be provided exceed the maximum field length of 70 characters, element 4440 can be repeated. The identification is then chained in the network.

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SG26	**C**	**200000**	**Line item**
SG51	**M**	**100**	**Scheduling conditions**
FTX	**C**	**5**	**Free text - Rejection Reason**

Standard EDIFACT				**SAP Ariba Usage, allowed Codes**		
4451	Text subject qualifier	M	an..3	M	an..3	*ACD* *Reason*
4453	Text function, coded	C	an..3	X		
C107	Text reference	C		X		
4441	Free text, coded	M	an..3	X		
C108	Text literal	C		C		
4440	Free text	M	an..70	M	an..70	Rejection reason

Example: FTX+ACD+++Duplicate Order'

A segment with free text information, in coded or clear form, used when additional information is needed but cannot be accommodated within other segments. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

Supported standard values are:
"Duplicate Order"
"Incorrect Delivery Date"
"Incorrect Description"
"Incorrect Price"
"Incorrect Quantity"
"Incorrect Stock/Part Number"
"Incorrect Supplier Code Used"
"Incorrect UOM"
"Not our Product Line"
"Unable to Supply Item(s)"
"Other"

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SG26	**C**	**200000**	**Line item**
SG51	**M**	**100**	**Scheduling conditions**
SG52	**M**	**10**	**Quantity**
QTY	**M**	**1**	**Quantity**

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
C186	Quantity details	M		M		
6063	Quantity qualifier	M	an..3	M	an..3	*83 Backorder quantity* *185 Rejected quantity* *194 Received and accepted quantity*
6060	Quantity	M	n..15	M	n..15	Quantity
6411	Measure unit qualifier	C	an..3	M	an..3	Indication of the unit of measurement in which weight(mass), capacity, length, area, volume or other quantity is expressed. See UN/ECE recommendation 20. E.g. *C62 one, piece, unit*

Example: QTY+194:100:C62'

A segment to specify pertinent quantities relating to the schedule and pattern established in the SCC segment.

The quantity can be accepted with delivery or shipment date.

Example:
SCC+1'
QTY+194:100:C62'
DTM+69:201601110101:203'
DTM+10:201601110101:203'

The quantity can be rejected.

Example:
SCC+1'
QTY+185:100:C62'

The quantity can be backordered.

Example:
SCC+1'
QTY+83:100:C62'

The quantities can be accepted and rejected.

Example:
SCC+1'
FTX+AAI+++Valid Material+EN'
QTY+194:90:C62'
SCC+1'
FTX+AAI+++Invalid Material+EN'
QTY+185:10:C62'

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SG26	**C**	**200000**	**Line item**
SG51	**M**	**100**	**Scheduling conditions**
SG52	**M**	**10**	**Quantity**
DTM	**C**	**5**	**Date/Time**

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
C507	Date/time/period	M		M		
2005	Date/time/period qualifier	M	an..3	M	an..3	*10* *Shipment date/time, requested* *69* *Delivery date/time, promised for*
2380	Date/time/period	C	an..35	C	an..35	Date/time
2379	Date/time/period format qualifier	C	an..3	C	an..3	The following codes are supported. Code 304 is recommended. Please refer for special requirements and time zone usage to APPENDIX - CODELISTS 2379 Date/time/period format qualifier. *102* *CCYYMMDD* *203* *CCYYMMDDHHMM* *204* *CCYYMMDDHHMMSS* *303* *CCYYMMDDHHMMZZZ* *304* *CCYYMMDDHHMMSSZZZ*

Example: DTM+69:201601110101:203'

A segment specifying general dates/time details relating to the quantity and schedule details in the SCC/QTY segments.

Date/Time Note:
Note that a complete date/time/zone is recommended. Otherwise it will be automatically calculated and might lead to wrong data.
Timestamps in cXML are represented as a date with a time, and an offset to UTC.
If you do not specify a time, it will be taken as noon (12:00) on the date specified.
If you do not specify the time code (zone), then it will be defaulted to UTC (+00:00).

Only supported with SG52/QTY/6063="194" (Received and accepted quantity)

Example: Accepted quantity with shipment and delivery date:
SCC+1'
QTY+194:100:C62'
DTM+10:201601080101:203'
DTM+69:201601111200:203'

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UNS M 1 Section control

Standard EDIFACT				SAP Ariba Usage, allowed Codes			
0081	Section identification	M	a1	M	a1	*S*	*Detail/summary section separation*

Example: UNS+S'
A service segment placed at the start of the summary section to avoid segment collision.

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MOA C 12 Monetary amount

Standard EDIFACT				SAP Ariba Usage, allowed Codes			
C516	Monetary amount	M		M			
5025	Monetary amount type qualifier	M	an..3	M	an..3	*124* *128*	*Tax amount* *Total amount*
5004	Monetary amount	C	n..18	C	n..18	Monetary amount	
6345	Currency, coded	C	an..3	C	an..3	Identification of the name or symbol of the monetary unit involved in the transaction. Use ISO 4217 three alpha code e.g. *EUR* *Euro* *USD* *US Dollar*	
6343	Currency qualifier	C	an..3	C	an..3	*9*	*Order currency*

Example: MOA+128:1000.00:EUR:9'

A segment giving the total amounts for the whole orders message such as message monetary amount, message line item total amount or alternative currency total amount.

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UNT M 1 Message trailer

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
0074	Number of segments in a message	M	n..6	M	n..6	Control count of number of segments in a message.
0062	Message reference number	M	an..14	M	an..14	Unique message reference assigned by the sender.

Example: UNT+51+1'

A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

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UNZ M 1 Interchange trailer

Standard EDIFACT				SAP Ariba Usage, allowed Codes		
0036	Interchange control count	M	n..6	M	n..6	Count either of the number of messages in an interchange.
0020	Interchange control reference	M	an..14	M	an..14	Unique reference assigned by the sender to an interchange.

Example: UNZ+1+1'
To end and check the completeness of an interchange.

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DOCUMENTED EXAMPLE

Below you will find an example message.

Note that the example is for illustrative purpose only, filled with comprehensible dummy values and must not to be understood as real messages.

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Example

UNA:+.? '

UNB+UNOC:3+SenderID:ZZZ+ReceiverID:ZZZ+160104:0930+1++++++1'

UNH+1+ORDRSP:D:96A:UN'

BGM+231+Purchase Order Conf ID+9+AC'

DTM+8:20160104:102'

FTX+AAI+++General Information Text+EN'

FTX+ACD+++Duplicate Order'

FTX+ZZZ+++MutuallyDefinedIDName:Mutually defined identification'

RFF+ON:Purchase Order ID'

DTM+4:20160103:102'

NAD+BT+Bill to ID::92+Bill to Name+Bill to AddrName+Bill to Street+Bill to City+IL+ZIP+FR'

CTA+IC+Info Contact:Info Contact Name'

COM+Phone Number:TE'

TAX+7+VAT:::Tax location+yes+1000.00+:::12.00+E+PartyTaxID'

MOA+124:100.00:USD'

TOD+++FOB'

ALC+C++++FC:::Description 1:Description 2'

DTM+194:20160101:102'

PCD+3:5.00:13'

MOA+8:100.00:USD:9'

ALC+C+Tracking Domain+++SAA:::Description:Tracking ID'

MOA+23:10.00:EUR:9'

LIN+10++Supplier Part ID:VN+1:1'

PIA+1+EAN Part ID:EN+Supplemental Part ID:VS+European Waste ID:ZZZ+unspsc:CC+Supplier Batch:NB'

IMD+F++:::Item Description::EN'

QTY+21:100:C62'

DTM+143:10:804'

MOA+146:100.00:EUR:9'

CCI+++custom:::5136030000'

PRI+CAL:::CUP:100:C62'

CUX+5:EUR:9'

RFF+FI:composite::itemLevel'

TAX+7+VAT:::Tax location+yes+1000.00+:::12.00+E+PartyTaxID'

MOA+124:100.00:USD'

NAD+ST+Ship to ID::9+Ship to Name+Ship to AddrName+Ship to Street 1+Ship to City+TX+ZIP+US'

CTA+IC+Info Contact:Info Contact Name'

COM+Phone Number:TE'

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Example

NAD+MF+++Manufacturer Name'

ALC+A++++ACA:::Description 1:Description 2'

DTM+194:20160101:102'

PCD+3:5.00'

MOA+8:100.00:USD:9'

ALC+C+Tracking Domain+++SAA:::Description:Tracking ID'

MOA+23:10.00:EUR:9'

SCC+1'

FTX+AAI+++General Information Text+EN'

FTX+ZZZ+++MutuallyDefinedIDName:Mutually defined identification'

FTX+ACD+++Duplicate Order'

QTY+194:100:C62'

DTM+69:201601110101:203'

UNS+S'

MOA+128:1000.00:EUR:9'

UNT+51+1'

UNZ+1+1'

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APPENDIX – BRANCHING DIAGRAM

Below you will find a branching diagram for the message which graphically outlines the hierarchical structure and the interdependence between the different segments.

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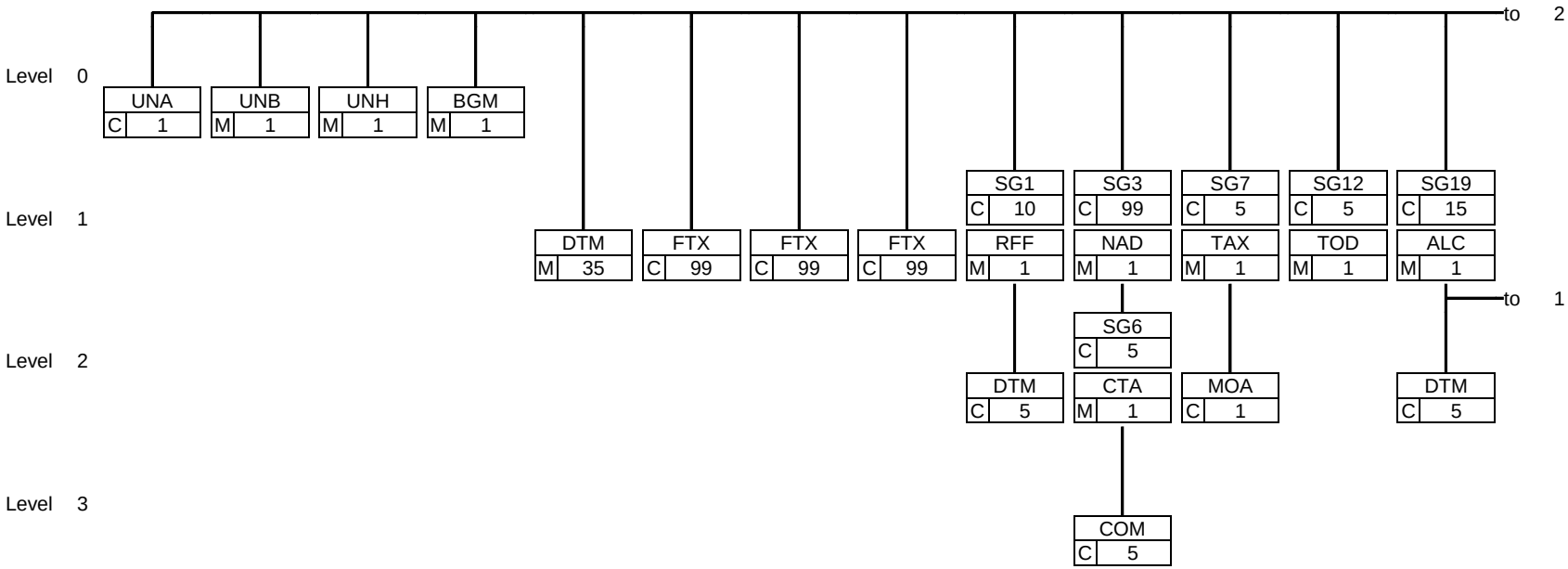

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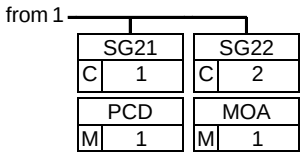
Level 2



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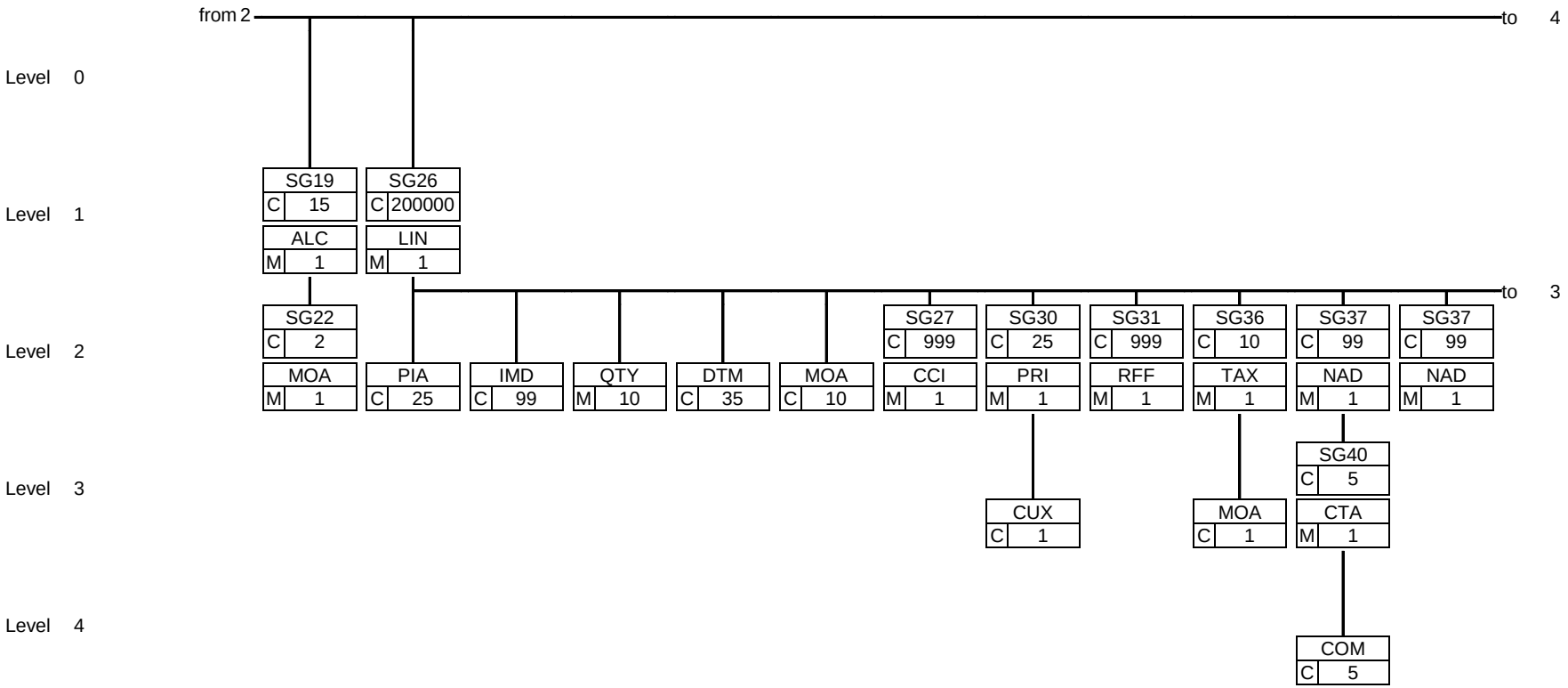

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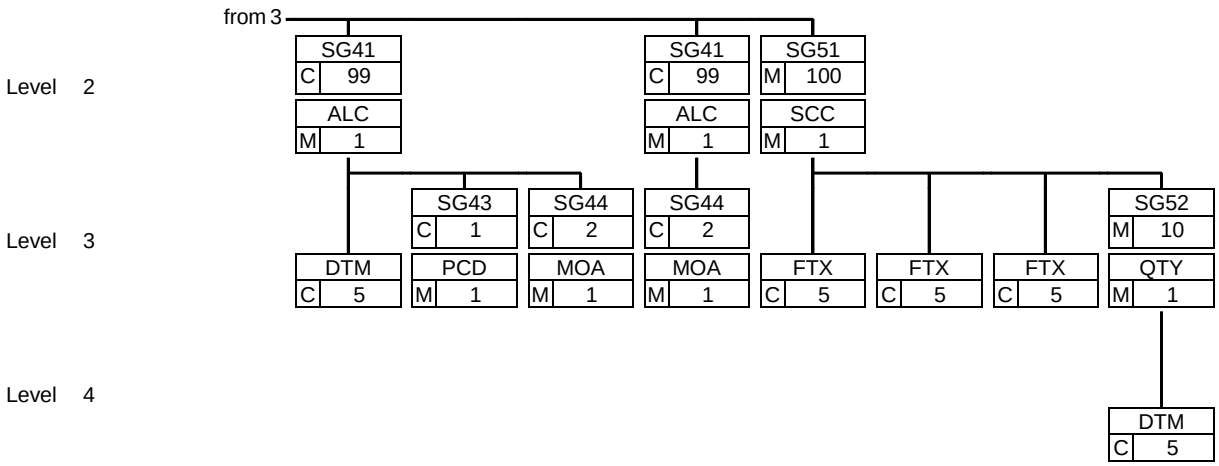

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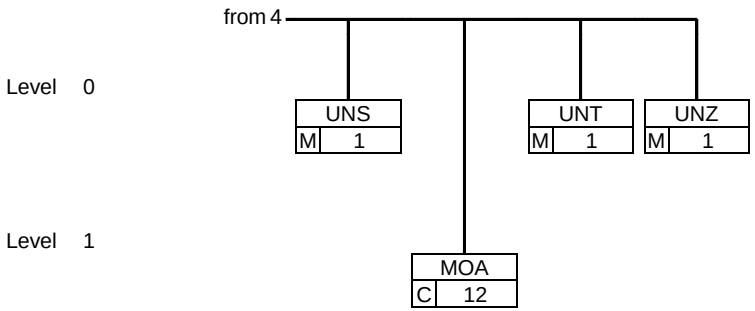

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APPENDIX – CODELISTS

2379 Date/time/period format qualifier

The following codes are supported.

102	CCYYMMDD	Calendar date
203	CCYYMMDDHHMM	Calendar date including time with minutes
204	CCYYMMDDHHMMSS	Calendar date including time with seconds
303	CCYYMMDDHHMMZZZ	See 203 plus time zone (ZZZ)
304	CCYYMMDDHHMMSSZZZ	See 204 plus time zone (ZZZ)

C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minute; S=Second; Z=Timezone

Note that a complete date/time/zone is recommended. If you do not specify a time, it may be taken as midnight on the date specified. If you do not specify a time zone, then it will be defaulted to GMT.

The recommended codes for time zones (the ZZZ part) are to use the ISO-8601 codes +nn, -nn. However, since + is a restricted character, Pnn and Mnn codes are implemented to specify the hour offset from UTC. P = Plus, M = Minus.

P01 = +01:00, P02 = +02:00 ... M01 = -01:00, M02 = -02:00, etc.
P00 = +00:00, M00 = -00:00, GMT = UT = +00:00
P12 = +12:00, M12 = -12:00, though they are equivalent.

3207 Country, coded

AF	Afghanistan
AD	Andorra
AE	United Arab Emirates
AG	Antigua and Barbuda
AI	Anguilla
AL	Albania
AM	Armenia
AO	Angola
AQ	Antarctica
AR	Argentina
AS	American Samoa
AT	Austria
AU	Australia
AW	Aruba
AX	• land Islands
AZ	Azerbaijan
BA	Bosnia and Herzegovina
BB	Barbados
BD	Bangladesh
BE	Belgium
BF	Burkina Faso
BG	Bulgaria
BH	Bahrain
BI	Burundi
BJ	Benin

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3207 Country, coded	
BL	Saint Barth,lemy
BM	Bermuda
BN	Brunei Darussalam
BO	Bolivia
BQ	Bonaire, Sint Eustatius and Saba
BR	Brazil
BS	Bahamas
BT	Bhutan
BW	Botswana
BY	Belarus
BZ	Belize
CA	Canada
CC	Cocos (Keeling) Islands
CD	Congo, The Democratic Republic of the
CF	Central African Republic
CG	Congo
CH	Switzerland
CI	C“te d'Ivoire
CK	Cook Islands
CL	Chile
CM	Cameroon
CN	China
CO	Colombia
CR	Costa Rica
CU	Cuba
CV	Cape Verde
CW	Cura‡ao
CX	Christmas Island
CY	Cyprus
CZ	Czech Republic
DE	Germany
DJ	Djibouti
DK	Denmark
DM	Dominica
DO	Dominican Republic
DZ	Algeria
EC	Ecuador
EE	Estonia
EG	Egypt
EH	Western Sahara

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3207 Country, coded	
ER	Eritrea
ES	Spain
ET	Ethiopia
FI	Finland
FJ	Fiji
FK	Falkland Islands (Malvinas)
FM	Micronesia
FO	Faroe Islands
FR	France
GA	Gabon
GB	United Kingdom
GD	Grenada
GE	Georgia
GF	French Guiana
GG	Guernsey
GH	Ghana
GI	Gibraltar
GL	Greenland
GM	Gambia
GN	Guinea
GP	Guadeloupe
GQ	Equatorial Guinea
GR	Greece
GS	South Georgia and the South Sandwich Islands
GT	Guatemala
GU	Guam
GW	Guinea-Bissau
GY	Guyana
HK	Hong Kong
HM	Heard Island and McDonald Islands
HN	Honduras
HR	Croatia
HT	Haiti
HU	Hungary
ID	Indonesia
IE	Ireland
IL	Israel
IM	Isle of Man
IN	India
IO	British Indian Ocean Territory

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3207 Country, coded	
IQ	Iraq
IR	Iran, Islamic Republic of
IS	Iceland
IT	Italy
JE	Jersey
JM	Jamaica
JO	Jordan
JP	Japan
KE	Kenya
KG	Kyrgyzstan
KH	Cambodia
KI	Kiribati
KM	Comoros
KN	Saint Kitts and Nevis
KP	Korea, Democratic People's Republic of
KR	Korea, Republic of
KW	Kuwait
KY	Cayman Islands
KZ	Kazakhstan
LA	Lao People's Democratic Republic
LB	Lebanon
LC	Saint Lucia
LI	Liechtenstein
LK	Sri Lanka
LR	Liberia
LS	Lesotho
LT	Lithuania
LU	Luxembourg
LV	Latvia
LY	Libya
MA	Morocco
MC	Monaco
MD	Moldova
ME	Montenegro
MF	Saint Martin (French Part)
MG	Madagascar
MH	Marshall Islands
MK	Macedonia
ML	Mali
MM	Myanmar

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3207 Country, coded	
MN	Mongolia
MO	Macao
MP	Northern Mariana Islands
MQ	Martinique
MR	Mauritania
MS	Montserrat
MT	Malta
MU	Mauritius
MV	Maldives
MW	Malawi
MX	Mexico
MY	Malaysia
MZ	Mozambique
NA	Namibia
NC	New Caledonia
NE	Niger
NF	Norfolk Island
NG	Nigeria
NI	Nicaragua
NL	Netherlands
NO	Norway
NP	Nepal
NR	Nauru
NU	Niue
NZ	New Zealand
OM	Oman
PA	Panama
PE	Peru
PF	French Polynesia
PG	Papua New Guinea
PH	Philippines
PK	Pakistan
PL	Poland
PM	Saint Pierre and Miquelon
PN	Pitcairn
PR	Puerto Rico
PS	Palestine, State of
PT	Portugal
PW	Palau
PY	Paraguay

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3207 Country, coded	
QA	Qatar
RE	Reunion
RO	Romania
RS	Serbia
RU	Russian Federation
RW	Rwanda
SA	Saudi Arabia
SB	Solomon Islands
SC	Seychelles
SD	Sudan
SE	Sweden
SG	Singapore
SH	Saint Helena, Ascension and Tristan Da Cunha
SI	Slovenia
SJ	Svalbard and Jan Mayen
SK	Slovakia
SL	Sierra Leone
SM	San Marino
SN	Senegal
SO	Somalia
SR	Suriname
SS	South Sudan
ST	Sao Tome and Principe
SV	El Salvador
SX	Sint Maarten (Dutch Part)
SY	Syrian Arab Republic
SZ	Swaziland
TC	Turks and Caicos Islands
TD	Chad
TF	French Southern Territories
TG	Togo
TH	Thailand
TJ	Tajikistan
TK	Tokelau
TL	Timor-Leste
TM	Turkmenistan
TN	Tunisia
TO	Tonga
TR	Turkey
TT	Trinidad and Tobago

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3207 Country, coded	
TV	Tuvalu
TW	Taiwan, Province of China
TZ	Tanzania, United Republic of
UA	Ukraine
UG	Uganda
UM	United States Minor Outlying Islands
US	United States
UY	Uruguay
UZ	Uzbekistan
VA	Holy See (Vatican City State)
VC	Saint Vincent and the Grenadines
VE	Venezuela
VG	Virgin Islands, British
VI	Virgin Islands, U.S.
VN	Viet Nam
VU	Vanuatu
WF	Wallis and Futuna
WS	Samoa
XZ	Installations in International Waters
YE	Yemen
YT	Mayotte
ZA	South Africa
ZM	Zambia
ZW	Zimbabwe

4215 Transport charges method of payment, coded	
A	Account
CA	AdvanceCollect
PA	AdvancePrepaid
ZZZ	CashOnDeliveryServiceChargePaidByConsignee
ZZZ	CashOnDeliveryServiceChargePaidByConsignor
CC	Collect
CF	CollectFreightCreditedToPaymentCustomer
ZZZ	CollectOnDelivery
PB	CustomerPick-UpOrBackhaul
DF	DefinedByBuyerAndSeller
FO	FobPortOfCall
ZZZ	HalfPrepaid
IC	InformationCopy-NoPaymentDue
MX	Mixed

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4215 Transport charges method of payment, coded	
NS	NotSpecified
PE	PayableElsewhere
PU	Pickup
PC	PrepaidButChargedToCustomer
PP	Prepaid-BySeller
PO	PrepaidOnly
RF	ReturnContainerFreightFree
RC	ReturnContainerFreightPaidByCustomer
RS	ReturnContainerFreightPaidBySupplier
NC	ServiceFreight-NoCharge
TP	ThirdPartyPay
ZZZ	Other
WC	WeightCondition

5153 Duty/tax/fee type, coded	
AAA	Petroleum tax
AAB	Provisional countervailing duty cash
AAC	Provisional countervailing duty bond
ADD	Anti-dumping duty
BOL	Stamp duty (Imposta di Bollo)
CAP	Agricultural levy
CAR	Car tax
COC	Paper consortium tax (Italy)
CST	Commodity specific tax
CUD	Customs duty
CVD	Countervailing duty
ENV	Environmental tax
EXC	Excise duty
EXP	Agricultural export rebate
FET	Federal excise tax
GCN	General construction tax
GST	Goods and services tax
ILL	Illuminants tax
IMP	Import tax
IND	Individual tax
LAC	Business license fee
LCN	Local construction tax
LDP	Light dues payable
LOC	Local sales tax
LST	Lust tax
MCA	Monetary compensatory amount

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5153 Duty/tax/fee type, coded	
MCD	Miscellaneous cash deposit
OTH	Other taxes
PDB	Provisional duty bond
PDC	Provisional duty cash
PRF	Preference duty
SCN	Special construction tax
SSS	Shifted social securities
STT	State/provincial sales tax
SUP	Suspended duty
SUR	Surtax
SWT	Shifted wage tax
TAC	Alcohol mark tax
TOT	Total
TOX	Turnover tax
TTA	Tonnage taxes
VAD	Valuation deposit
VAT	Value added tax

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APPENDIX – SPECIAL USAGE OF SOME EDIFACT GROUPS / SEGMENTS / DATAELEMENTS

SegNo	Seg ID	Element ID	Code / Field Description
2040	SG25/LIN/SG51/SCC/SG52/QTY	6063 6060 6411 6063 6060 6411 6063 6060 6411	*194 = accepted quantity* Quantity, which accepted Unit of measure *185 = rejected quantity* Quantity, which rejected Unit of measure *83 = backordered quantity* Quantity, which backordered Unit of measure

QTY+194/185/83 is syntactical correct but schema uncommon.

Ariba Network defines the required confirmation status type "accepted" / "backordered" / "rejected" by validating the quantity code qualifier QTY/6063 = 194 / 83 / 185 due to D96A limitation (neither LIN/1229 action/request code for "backordered" available nor SCC/4017 code for "reject" or "backorder" available).

EMEA/APJ common usage of an action code / confirmation status type and the related quantity:

Quantity "accepted" - Schema 1:
SG25/LIN/1229 = 5 for action code "accepted without amendments"
SG25/QTY+113 for "quantity to be delivered" (if the quantity is accepted)
LIN++5'
QTY+21:100' - ordered
QTY+113:100' – to be delivered

Quantity "accepted" - Schema 2 via Scheduling Conditions:
SG25/LIN/1229 = 5 for action code "accepted without amendments"
SG25/LIN/SG51/SCC/4017 = 1 for delivery plan status code "firm"
SG25/SG51/SG52/QTY+113 for "quantity to be delivered" (if the quantity is accepted)
LIN++5'
QTY+21:100' - ordered
SCC+1'
QTY+113:100' – to be delivered

Quantity "backordered" - Schema 1:
SG25/LIN/1229 = 6 for action code "accepted with amendments"
SG25/QTY+83 for "backordered quantity" (if the quantity is accepted, but cannot delivered on time)
LIN++6'
QTY+21:100' - ordered
QTY+113:90' – to be delivered
QTY+83:10' - backordered

Quantity "backordered" - Schema 2 via Scheduling Conditions:
SG25/LIN/1229 = 6 for action code "accepted with amendments"
SG25/QTY+83 for "backordered quantity" (if the quantity is accepted, but cannot delivered on time)
LIN++6'
QTY+21:100' - ordered
QTY+83:10' - backordered
SCC+1'
QTY+113:90' – to be delivered

Quantity "rejected":
SG25/LIN/1229 = 7 for action code "not accepted"
The rejected quantity is not used.
LIN++7'
QTY+21:100' - ordered

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