

# Use of the service message APERAK

Recommendation VDA 4937 Part 1

Version 3.0, August 2022



## Short Description

This recommendation describes the use of UN/EDIFACT message APERAK for receipt and error messages in EDIFACT communication .

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Version              Version 3.0, August 2022

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## List of changes

No.	Change Change Request	Date	Version	Segment(-group) and data element
01	2022-005 Neue Fehlercodes: D010 - Falsches oder fehlendes Datum für die Zeitfensterbuchung. - Wrong or missing date for the time slot booking. D011 - Falsches oder fehlendes Borderodatum. - Wrong or missing bordero date. D012 - Falsches oder fehlerhafter Soll-Wareneingangstermin. - Wrong or incorrect target goods receipt date. D013 - Nachricht zu spät gesendet. - Message sent too late. Q020 - Falsches oder fehlendes Bruttogewicht der Sendung. - Incorrect or missing gross weight of the consignment. R010 - Falsche oder fehlende Nummer der Ladeliste (Bordero, Bill of lading). - Wrong or missing number of the loading list (Bordero, Bill of lading). R011 - Falscher oder Fehlender Sendungs-Umfang-Schlüssel. - Incorrect or missing consignment scope key. R012 - Falsche oder fehlende Art des Transportmittels. - Incorrect or missing type of means of transport. R013 - Falsche oder fehlende Nummer des Transportauftrags. - Incorrect or missing transport order number.	2022-08-01	3.0	21 SG4 ERC C901 9321 SG4#1 Application error detail Application error detail
02	2021-018 Anpassung an S3 konformen Profil der EDIFACT S4 (ISO 9735 Part 11). / Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).	2022-01-20	3.0	26 UNZ Interchange trailer
03	2021-018 Anpassung an S3 konformen Profil der EDIFACT S4 (ISO 9735 Part 11). / Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).	2022-01-20	3.0	25 UNT Message trailer
04	2021-018 GAVM21 --> GAVM30	2022-01-20	3.0	03 UNH S009 0057 Message header
05	2021-018 Anpassung an S3 konformen Profil der EDIFACT S4 (ISO 9735 Part 11). / Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).	2022-01-20	3.0	03 UNH Message header
06	2021-018 Anpassung an S3 konformen Profil der EDIFACT S4 (ISO 9735 Part 11). / Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).	2022-01-20	3.0	02 UNB Interchange header

## List of changes

No.	Change Change Request	Date	Version	Segment(-group) and data element
07	2021-018 Anpassung an S3 konformen Profil der EDIFACT S4 (ISO 9735 Part 11). / Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).	2022-01-20	3.0	01 UNA Service string advice
08	2021-018 Anpassung an S3 konformen Profil der EDIFACT S4 (ISO 9735 Part 11). / Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).	2022-01-20	3.0	
09	2021-004 New remark: Code AGO should be used if the number of the original message is to be given without referring to a special message type such as invoice.	2021-10-07	2.1	08 SG2 RFF C506 1153 SG2#1 Message reference number Reference number of the acknowledged / erroneous message
10	2021-004 Neuer Remark: Code AGO sollte verwendet werden, wenn die Nummer der originalen Nachricht angegeben werden soll, ohne auf eine spezielle Nachrichtenart wie z.B. Invoice zu verweisen.	2021-10-07	2.1	08 SG2 RFF C506 1153 SG2#1 Message reference number Reference number of the acknowledged / erroneous message
11	2021-004 Neu 1156 Remark: Hier kann die Nachrichtenreferenznummer aus dem BGM 1004 angegeben werden, falls diese Nummer von der Dokumentennummer abweicht.	2021-06-07	2.1	08 SG2 RFF C506 1156 SG2#1 Message reference number Reference number of the acknowledged / erroneous message
12	2021-004 Added: For separator-separated formats such as EDIFACT, the numeric position of the separator within the segment sent in the original message is counted in single steps. The separator before the incorrect value is given here as the position. Data element (group) separators (+) and group data element separators (:) are counted equally. The first separator after the segment identifier is counted as position 1.  For flat file structures without separators, such as VDA 4913, the actual position of the character in the record is counted in steps of one from the beginning of the record. The count starts with 1.	2021-05-19	2.1	23 SG5 RFF C506 1156 SG4#1\SG5#1 Position of the error in the message Position of the error in the message

## List of changes

No.	Change Change Request	Date	Version	Segment(-group) and data element
13	2021-004  Eingefügt: Für trennzeichenseparierte Formate wie EDIFACT wird die numerische Positon des Trennzeichens innerhalb des in der originalen Nachricht gesendeten Segments in Einerschritten gezählt. Das Trennzeichen vor dem fehlerhaften Wert wird hier als Position angegeben. Datenelement(-gruppen-)trennzeichen (+) und Gruppendatenelementtrennzeichen (:) werden gleichwertig gezählt. Das erste Trennzeichen nach dem Segmentbezeichner wird als Position 1 gezählt.  Für Flatfilestrukturen ohne Trennzeichen wie z.B. VDA 4913 wird die tatsächliche Stelle des Zeichens im Satz ab Satzbeginn in Einerschritten gezählt. Die Zählung beginnt mit 1.	2021-05-19	2.1	23 SG5 RFF C506 1156 SG4#1\SG5#1 Position of the error in the message Position of the error in the message
14	2021-004  Gelöscht/Deleted: Die numerische Zählerposition des fehlerhaften Datenelements. Die Segment-Kennung und jedes folgende Datenelement oder jede Datenelementgruppe, das/die in der Segmentbeschreibung definiert ist, soll den Zähler um 1 erhöhen. Der Segment-Bezeichner hat die Positionsnummer 1.	2021-05-19	2.1	23 SG5 RFF C506 1156 SG4#1\SG5#1 Position of the error in the message Position of the error in the message
15	2021-004  Remark ergänzt: Für Flatfile-Formate, wie z.B. VDA 4913, beginnt die Zählung mit dem ersten Satz. In der VDA 4913 würde die Zählung mit der Satzart 711 beginnen. Remark added: For flat file formats, such as VDA 4913, the count starts with the first record. In VDA 4913, counting would start with record type 711.	2021-05-19	2.1	23 SG5 RFF C506 1154 SG4#1\SG5#1 Position of the error in the message Position of the error in the message
16	2021-004  1056 gelöscht/deleted.	2021-05-19	2.1	23 SG5 RFF SG4#1\SG5#1 Position of the error in the message Position of the error in the message
17	2021-004  Neu: Für andere Formate soll eine geeignete Referenz bilateral vereinbart werden. New: For other formats, a suitable reference shall be agreed bilaterally.	2021-05-19	2.1	10 SG2 RFF SG2#2 Interchange reference number Interchange reference number
18	2021-004  Neuer Code AGO./New code AGO.	2021-04-21	2.1	08 SG2 RFF C506 1153 SG2#1 Message reference number Reference number of the acknowledged / erroneous message

## List of changes

No.	Change Change Request	Date	Version	Segment(-group) and data element
19	2021-004 New/Neu: Segment RFF+AQD - Falscher Wert/Wrong value.	2021-03-09	2.1	24 SG5 RFF SG4#1\SG5#2 Wrong value Wrong value
20	2021-004 Codes hinzugefügt: 91, 92, O91 und O92.	2021-03-09	2.1	21 SG4 ERC C901 3055 SG4#1 Application error detail Application error detail
21	2021-004 Liste der Fehlercodes überarbeitet./List of error codes revised.	2021-03-09	2.1	21 SG4 ERC C901 9321 SG4#1 Application error detail Application error detail
22	2021-004 Status D --> R	2021-03-09	2.1	SG4 Application error detail
23	2021-004 Code added/hinzugefügt: O91, O92.	2021-03-09	2.1	18 SG3 NAD C082 3055 SG3#3 Final message recipient Final message recipient
24	2021-004 Code added/hinzugefügt: O91, O92.	2021-03-09	2.1	15 SG3 NAD C082 3055 SG3#2 Message recipient Message recipient
25	2021-004 Code added/hinzugefügt: O91, O92.	2021-03-09	2.1	12 SG3 NAD C082 3055 SG3#1 Document/message issuer/sender Name and address
26	2021-004 Status D --> O.	2021-03-09	2.1	SG2 Interchange reference number
27	2021-004 GAVM20 --> GAVM21	2021-03-09	2.1	03 UNH S009 0057 Message header
28	2021-004 Status O --> R	2021-03-09	2.1	03 UNH S009 0057 Message header
29	2021-004 Release Note: Überarbeitete Ausgabe / revised release	2021-03-09	2.1	
30	2021-004 Release Note: Überarbeitete Ausgabe / revised release	2018-01-30	2.0	
31	2018-001-VDA R->O	2018-01-25	2.0	22 SG4 FTX C108 4440 SG4#1 Application error detail Error description
32	2018-001-VDA R->O	2018-01-25	2.0	22 SG4 FTX C108 4440 SG4#1 Application error detail Error description

## List of changes

No.	Change Change Request	Date	Version	Segment(-group) and data element		
33	2018-001-VDA O->R	2018-01-25	2.0	04	BGM Beginning of message	4343



## Structure of an UN/EDIFACT interchange

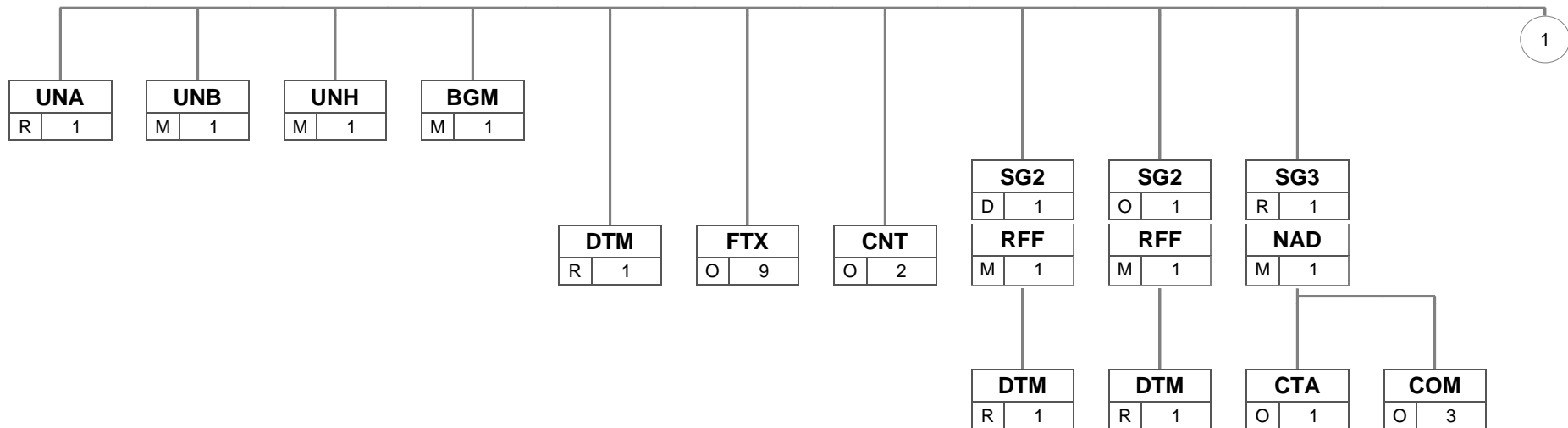
An EDIFACT interchange file contains an interchange frame (UNB-UNZ) with one or more messages (UNH-UNT). The interchange frame can be preceded by a service string advice to define the used separator characters (recommended).

Usually one interchange file contains only messages of the same type,    APERAK  
e.g.

For more information, please refer to recommendation VDA 4900.

Status	Segment	Description
Optional	UNA	Service String Advice
Mandatory	UNB	Interchange header
Mandatory	UNH	1. Message header
	...	Message segments
Mandatory	UNT	1. Message trailer
	UNH	2. Message header
	...	Message segments
	UNT	2. Message trailer
	etc.	
	UNH	n. Message header
	...	Message segments
	UNT	n. Message trailer
Mandatory	UNZ	Interchange trailer

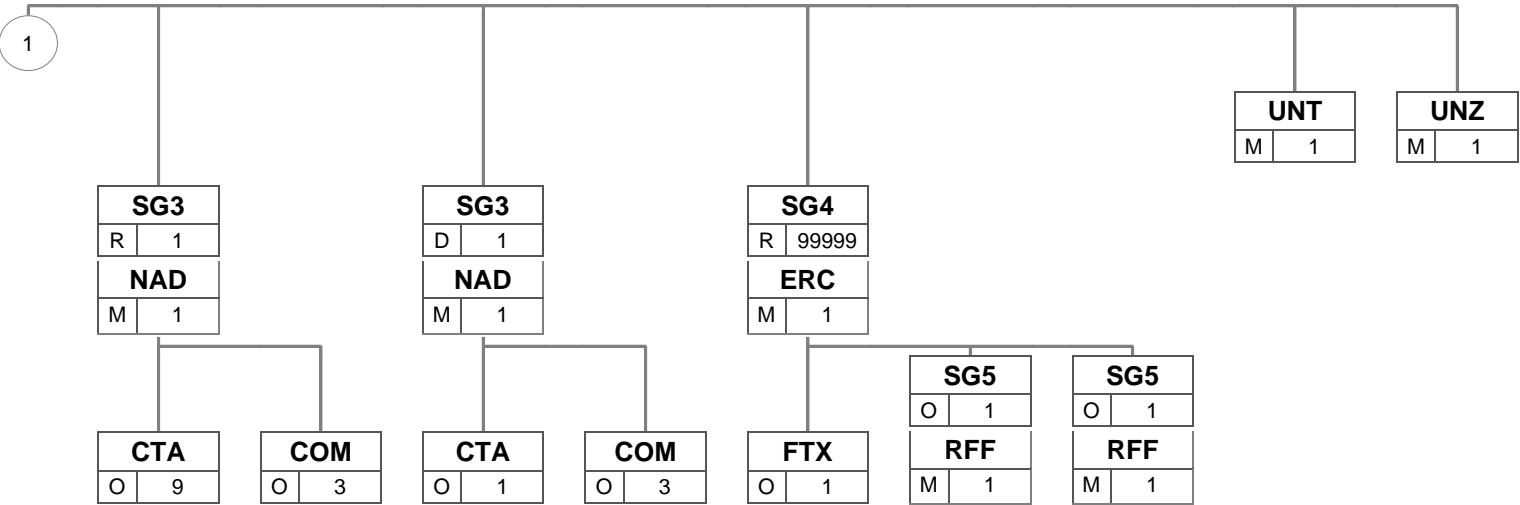
Branchingdiagramm



Die schwarzen Segmente/Gruppen werden genutzt, die grauen Segmente/Gruppen sind im Nachrichtentyp enthalten, werden aber nicht genutzt.

Bez	Bez = Segment-/Gruppen-Bezeichner, MaxWdh = Maximale Wiederholung der Segmente/Gruppen
St MaxWdh	St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)

Branchingdiagramm



Die schwarzen Segmente/Gruppen werden genutzt, die grauen Segmente/Gruppen sind im Nachrichtentyp enthalten, werden aber nicht genutzt.

Bez	Bez = Segment-/Gruppen-Bezeichner, MaxWdh = Maximale Wiederholung der Segmente/Gruppen
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## Structure / content

No.	Tag	St	MaxRep	Content
1	<b>UNA</b>	R	1	Service string advice
2	<b>UNB</b>	M	1	Interchange header
3	<b>UNH</b>	M	1	Message header
4	<b>BGM</b>	M	1	Beginning of message
5	<b>DTM</b>	R	1	Message date
6	<b>FTX</b>	O	9	Free text
7	<b>CNT</b>	O	2	Control total
	<b>SG2</b>	D	1	Message reference number
8	<b>RFF</b>	M	1	Reference number of the acknowledged / erroneous message
9	<b>DTM</b>	R	1	Date and time of the referenced message
	<b>SG2</b>	O	1	Interchange reference number
10	<b>RFF</b>	M	1	Interchange reference number
11	<b>DTM</b>	R	1	Date and time of interchange
	<b>SG3</b>	R	1	Document/message issuer/sender
12	<b>NAD</b>	M	1	Name and address
13	<b>CTA</b>	O	1	Sender's information contact
14	<b>COM</b>	O	3	Communication means
	<b>SG3</b>	R	1	Message recipient
15	<b>NAD</b>	M	1	Message recipient
16	<b>CTA</b>	O	9	Information contact
17	<b>COM</b>	O	3	Communication means
	<b>SG3</b>	D	1	Final message recipient
18	<b>NAD</b>	M	1	Final message recipient
19	<b>CTA</b>	O	1	Information contact
20	<b>COM</b>	O	3	Communication means
	<b>SG4</b>	R	99999	Application error detail
21	<b>ERC</b>	M	1	Application error detail
22	<b>FTX</b>	O	1	Error description
	<b>SG5</b>	O	1	Position of the error in the message
23	<b>RFF</b>	M	1	Position of the error in the message
	<b>SG5</b>	O	1	Wrong value
24	<b>RFF</b>	M	1	Wrong value
25	<b>UNT</b>	M	1	Message trailer
26	<b>UNZ</b>	M	1	Interchange trailer

Tag = Tag; No. = consecutive segment number in the guide; MaxRep = maximum repetition; St = status (M=mandatory, C=conditional, R=required, O=optional, D=dependent, A=advised)

## Segmente

Nr	Bez	St	MaxWdh	Name
1	<b>UNA</b>	R	1	Service string advice

Standard		Implementierung			
Bez	Name	St	Format	St	Format Anwendung / Bemerkung
UNA1	Component data element separator	M	an1	M	an1 Colon
UNA2	Data element separator	M	an1	M	an1 Plus sign
UNA3	Decimal notation	M	an1	M	an1 Decimal point or comma This differs from version 4 that only allows decimal point.
UNA4	Release indicator	M	an1	M	an1 Question mark
UNA5	Reserved for future use	M	an1	M	an1 Blank
UNA6	Segment terminator	M	an1	M	an1 Apostrophe

The use of UNA is strongly recommended and UNA5 must be blank.

Beispiel:

**UNA**: + . ? ' '

Bez =Bezeichner; Nr = Laufende Segmentnummer im Guide; MaxWdh = Maximale Wiederholung; St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)

## Segmente

Nr	Bez	St	MaxWdh	Name
2	<b>UNB</b>	M	1	Interchange header

Standard		Implementierung			
Bez	Name	St	Format	St	Format Anwendung / Bemerkung
S001	Syntax identifier	M		M	
0001	Syntax identifier	M	a4	M	a4 UNOW shall only be used, if agreed upon by partners in their interchange agreement. <b>UNOA</b> UN/ECE level A <b>UNOB</b> UN/ECE level B <b>UNOC</b> UN/ECE level C <b>UNOD</b> UN/ECE level D <b>UNOE</b> UN/ECE level E <b>UNOF</b> UN/ECE level F <b>UNOW</b> UN/ECE level W
0002	Syntax version number	M	an1	M	an1 To use syntax version 4 according to the ISO 9735-11 profile, code "X" must be used here. <b>X</b> Syntax version 4 ISO 9735-11 profile.
0080	Service code list directory version number	C	an..6	N	Nicht genutzt
0133	Character encoding, coded	C	an..3	N	Nicht genutzt
0076	Syntax release number	C	an2	N	Nicht genutzt
S002	Interchange sender	M		M	
0004	Sender identification	M	an..35	M	an..35 Unique ID of the sender in the data transmission network or system used.
0007	Partner identification code qualifier	C	an..4	O	an..4 Qualifier for the organisation that assigned the identifier, e.g. 59 for Odette.
0008	Address for reverse routing	C	an..14	O	an..14 Address for reverse routing Address of an application or internal system at sender's site to which reply messages should be routed.
0042	Interchange sender internal sub-identification	C	an..35	N	Nicht genutzt
S003	Interchange recipient	M		M	
0010	Recipient identification	M	an..35	M	an..35 Unique ID of the recipient in the data transmission network or system used.
0007	Partner identification code qualifier	C	an..4	O	an..4
0014	Routing address	C	an..14	O	an..14 Address for reverse routing Address of an application or an internal system at the recipient: For some buyers, the delivery schedules or similar can be generated from different ERP systems. After receipt by the buyer, the messages must then be forwarded to this system and processed there.
0046	Interchange recipient internal sub-identification	C	an..35	N	Nicht genutzt
S004	Date/time of preparation	M		M	
0017	Date of preparation	M	n8	M	n8 Attention: Difference to S3, 8 digits (including century)! Format CCYYMMDD
0019	Time of preparation	M	n4	M	n4 Format hhmm
0020	Interchange control reference	M	an..14	M	an..14 Unique ID of a data transmission.
S005	Recipient's reference, password	C		N	Nicht genutzt
0022	Recipient's reference/password	M	an..14	N	Nicht genutzt
0025	Recipient's reference/password qualifier	C	an2	N	Nicht genutzt
0026	Application reference	C	an..14	N	Nicht genutzt
0029	Processing priority code	C	a1	N	Nicht genutzt
	Acknowledgement request	C	n1	N	Nicht genutzt

Bez =Bezeichner; Nr = Laufende Segmentnummer im Guide; MaxWdh = Maximale Wiederholung; St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)

## Segmente

Standard		Implementierung			
Bez	Name	St	Format	St	Format Anwendung / Bemerkung
0031					
0032	Communications agreement ID	C	an..35	N	Nicht genutzt
0035	Test indicator	C	n1	O	n1 Only used if the data exchange is for test purposes. This data element is not transmitted for valid transmissions. 1 Interchange is a test

The structure of the EDIFACT interchange and the specification of the service segments for electronic data exchange used in the automotive industry are described in detail in the VDA Recommendation 4900.

Due to the change in ISO standard 9735, VDA-EDIFACT recommendations will be based on the EDIFACT Syntax 3 compliant profile of EDIFACT Syntax 4 (ISO 9735 Part 11) from 2021-12. The service segments (UNA, UNB, UNH, UNS, UNT, UNZ) were adapted accordingly. The user data segments were not changed.

Beispiel:

**UNB+UNOC:X+VA13:59:EDI-Outbound+XB05:59:EDI-Inbound+20220721:0719+20220000  
25++++++1 '**

Bez =Bezeichner; Nr = Laufende Segmentnummer im Guide; MaxWdh = Maximale Wiederholung; St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)

## Segmente

Nr	Bez	St	MaxWdh	Name
3	<b>UNH</b>	M	1	Message header

Standard		Implementierung		
Bez	Name	St	Format	Anwendung / Bemerkung
0062	Message reference number	M	an..14	M an..14 Unique message reference within the interchange.
S009	Message identifier	M		M
0065	Message type	M	an..6	M an..6 <b>APERAK</b> Application error and acknowledgement message
0052	Message version number	M	an..3	M an..3 <b>D</b> Draft version/UN/EDIFACT Directory
0054	Message release number	M	an..3	M an..3 <b>08A</b> Release 2008 - A
0051	Controlling agency	M	an..2	M an..2 <b>UN</b> UN/CEFACT
0057	Association assigned code	C	an..6	R an..6 <b>GAVM30</b> VDA APERAK - Message receipt and error report V3.0 JAI016
0110	Code list directory version number	C	an..6	N Nicht genutzt
0113	Message type sub-function identification	C	an..6	N Nicht genutzt
0068	Common access reference	C	an..35	N Nicht genutzt
S010	Status of the transfer	C		N Nicht genutzt
0070	Sequence of transfers	M	n..2	N Nicht genutzt
0073	First and last transfer	C	a1	N Nicht genutzt
S016	Message subset identification	C		N Nicht genutzt
0115	Message subset identification	M	an..14	N Nicht genutzt
0116	Message subset version number	C	an..3	N Nicht genutzt
0118	Message subset release number	C	an..3	N Nicht genutzt
0051	Controlling agency	C	an..2	N Nicht genutzt
S017	Message implementation guideline identification	C		N Nicht genutzt
0121	Message implementation guideline identification	M	an..14	N Nicht genutzt
0122	Message implementation guideline version number	C	an..3	N Nicht genutzt
0124	Message implementation guideline release number	C	an..3	N Nicht genutzt
0051	Controlling agency	C	an..2	N Nicht genutzt
S018	Scenario identification	C		N Nicht genutzt
0127	Scenario identification	M	an..14	N Nicht genutzt
0128	Scenario version number	C	an..3	N Nicht genutzt
0130	Scenario release number	C	an..3	N Nicht genutzt
0051	Controlling agency	C	an..2	N Nicht genutzt

Beispiel:

**UNH+X+APERAK : D : 08A : UN : GAVM30 '**

Bez =Bezeichner; Nr = Laufende Segmentnummer im Guide; MaxWdh = Maximale Wiederholung; St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)



## Segmente

Nr	Bez	St	MaxWdh	Name
4	<b>BGM</b>	M	1	Beginning of message

Standard		Implementierung		
Bez	Name	St	Format	Anwendung / Bemerkung
C002	Document/message name	C		R
1001	Document name code	C	an..3	R an..3 <b>305</b> Application error and acknowledgement
1131	Code list identification code	C	an..17	N Nicht genutzt
3055	Code list responsible agency code	C	an..3	N Nicht genutzt
1000	Document name	C	an..35	R an..35 Process step Identification of the process step, that triggered the message generation. <b>X01</b> Syntax check ODDC175(1) <b>X02</b> Validation in the EDI system ODDC175(1) <b>X03</b> Processing in the ERP system (final) ODDC175(1)
C106	Document/message identification	C		R
1004	Document identifier	C	an..35	R an..35 Unique identifier of a document. Synonym: document number
1056	Version identifier	C	an..9	N Nicht genutzt
1060	Revision identifier	C	an..6	N Nicht genutzt
1225	Message function code	C	an..3	O an..3 <b>9</b> Original
4343	Response type code	C	an..3	R an..3 Indicates, whether the message was accepted or not: AP - all ok CA - accepted with warnings RE - rejected, errors occurred, no further processing <b>AP</b> Accepted <b>CA</b> Conditionally accepted <b>RE</b> Rejected

The message contains the results of application-oriented examinations of content (ERP system). It must be dispatched in the event of an error or warnings. If no error was determined, the message is optional. In the event of an error the corrected message can again be dispatched in agreement with the partner. For each faulty message in a transmission must be answered with a separate APERAK message.  
Beispiel:

**BGM+305:::X01+123ABC+9+AP'**

## Segmente

Nr	Bez	St	MaxWdh	Name
5	<b>DTM</b>	R	1	Message date

Standard		Implementierung		
Bez	Name	St	Format	Anwendung / Bemerkung
C507	Date/time/period	M		M
2005	Date or time or period function code qualifier	M	an..3	M an..3 <b>137</b> Document issue date time
2380	Date or time or period text	C	an..35	R an..35 Message date / time
2379	Date or time or period format code	C	an..3	R an..3 <b>102</b> CCYYMMDD <b>203</b> CCYYMMDDHHMM <b>204</b> CCYYMMDDHHMMSS

Beispiel:

**DTM+137:20080101:102 '**

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## Segmente

Nr	Bez	St	MaxWdh	Name
6	<b>FTX</b>	O	9	Free text

Standard			Implementierung		
Bez	Name	St	Format	St	Format Anwendung / Bemerkung
4451	Text subject code qualifier	M	an..3	M	an..3 <b>ABV</b> Acceptance terms additional
4453	Free text function code	C	an..3	N	Nicht genutzt
C107	Text reference	C		N	Nicht genutzt
4441	Free text description code	M	an..17	N	Nicht genutzt
1131	Code list identification code	C	an..17	N	Nicht genutzt
3055	Code list responsible agency code	C	an..3	N	Nicht genutzt
C108	Text literal	C		R	
4440	Free text	M	an..512	M	an..512 Information on the result of the validation:  Example Validation protocol: -----  With this message you receive the list of erroneous data in your message according to VDA 49XX specification:  Your message contained xx errors and triggered yy warnings. Please correct erroneous data and transmit again.  The guideline VDA 49XX and further information on how to interpret this error report you can find at <a href="http://www.xyz.com">www.xyz.com</a> ...
4440	Free text	C	an..512	O	an..512
4440	Free text	C	an..512	O	an..512
4440	Free text	C	an..512	O	an..512
4440	Free text	C	an..512	O	an..512
3453	Language name code	C	an..3	O	an..3
4447	Free text format code	C	an..3	N	Nicht genutzt

Beispiel:

**FTX+ABV+++X: : : X+aa '**

Bez =Bezeichner; Nr = Laufende Segmentnummer im Guide; MaxWdh = Maximale Wiederholung; St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)

## Segmente

Nr	Bez	St	MaxWdh	Name
7	<b>CNT</b>	O	2	Control total

Standard		Implementierung		
Bez	Name	St	Format	Anwendung / Bemerkung
C270	Control	M		M
6069	Control total type code qualifier	M	an..3	X01 - Total number of warnings <b>55</b> Total number of errors reported
6066	Control total quantity	M	n..18	Number of errors and Warnings
6411	Measurement unit code	C	an..8	Nicht genutzt

Beispiel:

**CNT+55 : 9 '**

Bez =Bezeichner; Nr = Laufende Segmentnummer im Guide; MaxWdh = Maximale Wiederholung; St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)

## Segmente

Nr	Bez	St	MaxWdh	Name
	<b>SG2</b>	D	1	Message reference number
8	<b>RFF</b>	M	1	Reference number of the acknowledged / erroneous message

Standard		Implementierung			
Bez	Name	St	Format	St	Anwendung / Bemerkung
C506	Reference	M		M	
1153	Reference code qualifier	M	an..3	M	an..3 AKT - referenced transport order Code AGO should be used if the number of the original message is to be given without referring to a special message type such as invoice. <b>AAK</b> Despatch advice number <b>AKT</b> Forwarding order number <b>API</b> Inventory report reference number <b>IV</b> Invoice document identifier <b>AGO</b> Sender's reference to the original message
1154	Reference identifier	C	an..70	R	an..70 Number of the message the APRAK is referring to.
1156	Document line identifier	C	an..6	O	an..6 The message reference number from the BGM 1004 can be entered here if this number differs from the document number.
1056	Version identifier	C	an..9	N	Nicht genutzt
1060	Revision identifier	C	an..6	N	Nicht genutzt

Reference to the document identification of original EDIFACT message.

EDIFACT: segment BGM, data element 1004

Beispiel:

**RFF+AAK:123ABC:X'**

## Segmente

Nr	Bez	St	MaxWdh	Name
	<b>SG2</b>	D	1	Message reference number
9	<b>DTM</b>	R	1	Date and time of the referenced message

Standard		Implementierung			
Bez	Name	St	Format	St	Format Anwendung / Bemerkung
C507	Date/time/period	M		M	
2005	Date or time or period function code qualifier	M	an..3	M	an..3
					<b>171</b> Reference date/time
2380	Date or time or period text	C	an..35	R	an..35 Date and time of the referenced message (DTM+137)
2379	Date or time or period format code	C	an..3	R	an..3
					<b>102</b> CCYYMMDD <b>203</b> CCYYMMDDHHMM

Beispiel:

**DTM+171:20080101:102'**

Bez =Bezeichner; Nr = Laufende Segmentnummer im Guide; MaxWdh = Maximale Wiederholung; St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)

## Segmente

Nr	Bez	St	MaxWdh	Name
	<b>SG2</b>	O	1	Interchange reference number
10	<b>RFF</b>	M	1	Interchange reference number

Standard		Implementierung		
Bez	Name	St	Format	Anwendung / Bemerkung
C506	Reference	M		M
1153	Reference code qualifier	M	an..3	M an..3 <b>INN</b> Interchange number new
1154	Reference identifier	C	an..70	R an..70 Interchange reference number
1156	Document line identifier	C	an..6	N Nicht genutzt
1056	Version identifier	C	an..9	N Nicht genutzt
1060	Revision identifier	C	an..6	N Nicht genutzt

EDIFACT: segment UNB, data element 0020  
VDA Flatfile: Übertragungsnummer Neu

For other formats, a suitable reference shall be agreed bilaterally.

If the APERAK message is sent with the code X01 - syntax check and the whole interchange is accepted as error-free or the whole interchange is rejected, then this segment must be filled.

Beispiel:

**RFF+INN:123ABC '**

## Segmente

Nr	Bez	St	MaxWdh	Name
	<b>SG2</b>	O	1	Interchange reference number
11	<b>DTM</b>	R	1	Date and time of interchange

Standard		Implementierung		
Bez	Name	St	Format	Anwendung / Bemerkung
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M	an..3	<b>171</b> Reference date/time Date and time of interchange (UNB.S004)
2380	Date or time or period text	C	an..35	R an..35
2379	Date or time or period format code	C	an..3	R an..3 <b>102</b> CCYYMMDD <b>203</b> CCYYMMDDHHMM

EDIFACT: segment UNB, data elements 0017 and 0019

Beispiel:

**DTM+171:20080101:102'**



## Segmente

Nr	Bez	St	MaxWdh	Name
	<b>SG3</b>	R	1	Document/message issuer/sender
12	<b>NAD</b>	M	1	Name and address

Standard			Implementierung		
Bez	Name	St	Format	St	Anwendung / Bemerkung
3035	Party function code qualifier	M	an..3	M	an..3 <b>MS</b> Document/message issuer/sender
C082	Party identification details	C		R	
3039	Party identifier	M	an..35	M	an..35 Unique identification of a party by an ID.
1131	Code list identification code	C	an..17	N	Nicht genutzt
3055	Code list responsible agency code	C	an..3	R	an..3  <b>5</b> ISO (International Organization for Standardization) <b>10</b> ODETTE <b>16</b> US, D&B (Dun & Bradstreet Corporation) <b>91</b> Assigned by seller or seller's agent <b>92</b> Assigned by buyer or buyer's agent <b>091</b> Assigned by the provider of the empty packaging 3055 <b>092</b> Assigned by the receiver of the empty packaging 3055
C058	Name and address	C		N	Nicht genutzt
3124	Name and address description	M	an..35	N	Nicht genutzt
3124	Name and address description	C	an..35	N	Nicht genutzt
3124	Name and address description	C	an..35	N	Nicht genutzt
3124	Name and address description	C	an..35	N	Nicht genutzt
3124	Name and address description	C	an..35	N	Nicht genutzt
C080	Party name	C		O	
3036	Party name	M	an..35	M	an..35 Name of message sender
3036	Party name	C	an..35	N	Nicht genutzt
3036	Party name	C	an..35	N	Nicht genutzt
3036	Party name	C	an..35	N	Nicht genutzt
3036	Party name	C	an..35	N	Nicht genutzt
3045	Party name format code	C	an..3	N	Nicht genutzt
C059	Street	C		N	Nicht genutzt
3042	Street and number or post office box identifier	M	an..35	N	Nicht genutzt
3042	Street and number or post office box identifier	C	an..35	N	Nicht genutzt
3042	Street and number or post office box identifier	C	an..35	N	Nicht genutzt
3042	Street and number or post office box identifier	C	an..35	N	Nicht genutzt
3164	City name	C	an..35	N	Nicht genutzt
C819	Country subdivision details	C		N	Nicht genutzt
3229	Country subdivision identifier	C	an..9	N	Nicht genutzt
1131	Code list identification code	C	an..17	N	Nicht genutzt
3055	Code list responsible agency code	C	an..3	N	Nicht genutzt

Bez =Bezeichner; Nr = Laufende Segmentnummer im Guide; MaxWdh = Maximale Wiederholung; St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)

## Segmente

Standard		Implementierung		
Bez	Name	St	Format	Anwendung / Bemerkung
3228	Country subdivision name	C	an..70	N Nicht genutzt
3251	Postal identification code	C	an..17	N Nicht genutzt
3207	Country identifier	C	an..3	N Nicht genutzt

Identifier of the sender of the APERAK

Beispiel:

**NAD+MS+123ABC : : 10++CompanyName '**

## Segmente

Nr	Bez	St	MaxWdh	Name
	<b>SG3</b>	R	1	Document/message issuer/sender
13	<b>CTA</b>	O	1	Sender's information contact

Standard		Implementierung			
Bez	Name	St	Format	St	Format Anwendung / Bemerkung
3139	Contact function code	C	an..3	R	an..3
					<b>IC</b> Information contact
C056	Contact details	C		O	
3413	Contact identifier	C	an..17	O	an..17 Identifies the department or employee by a unique identifier other than their name when given as a contact.
3412	Contact name	C	an..256	O	an..256 Name of the contact person or department

Beispiel:

**CTA+IC+Identifier:Name '**

Bez =Bezeichner; Nr = Laufende Segmentnummer im Guide; MaxWdh = Maximale Wiederholung; St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)

## Segmente

Nr	Bez	St	MaxWdh	Name
	<b>SG3</b>	R	1	Document/message issuer/sender
14	<b>COM</b>	O	3	Communication means

Standard		Implementierung			
Bez	Name	St	Format	St	Format    Anwendung / Bemerkung
C076	Communication contact	M		M	
3148	Communication address identifier	M	an..512	M	an..512    Each communication number has to be qualified with the corresponding code in DE 3155.
3155	Communication means type code	M	an..3	M	an..3  <b>EM</b> Electronic mail <b>FX</b> Telefax <b>TE</b> Telephone

Beispiel:

**COM+123ABC:TE'**

Bez =Bezeichner; Nr = Laufende Segmentnummer im Guide; MaxWdh = Maximale Wiederholung; St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)

## Segmente

Nr	Bez	St	MaxWdh	Name
	<b>SG3</b>	R	1	Message recipient
15	<b>NAD</b>	M	1	Message recipient

Standard			Implementierung		
Bez	Name	St	Format	St	Anwendung / Bemerkung
3035	Party function code qualifier	M	an..3	M	an..3
					<b>MR</b> Message recipient
C082	Party identification details	C		R	
3039	Party identifier	M	an..35	M	an..35
					Unique identification of a party by an ID.
1131	Code list identification code	C	an..17	N	Nicht genutzt
3055	Code list responsible agency code	C	an..3	R	an..3
					<b>5</b> ISO (International Organization for Standardization) <b>10</b> ODETTE <b>16</b> US, D&B (Dun & Bradstreet Corporation) <b>91</b> Assigned by seller or seller's agent <b>92</b> Assigned by buyer or buyer's agent <b>O91</b> Assigned by the provider of the empty packaging 3055 <b>O92</b> Assigned by the receiver of the empty packaging 3055
C058	Name and address	C		N	Nicht genutzt
3124	Name and address description	M	an..35	N	Nicht genutzt
3124	Name and address description	C	an..35	N	Nicht genutzt
3124	Name and address description	C	an..35	N	Nicht genutzt
3124	Name and address description	C	an..35	N	Nicht genutzt
3124	Name and address description	C	an..35	N	Nicht genutzt
C080	Party name	C		O	
3036	Party name	M	an..35	M	an..35
3036	Party name	C	an..35	N	Nicht genutzt
3036	Party name	C	an..35	N	Nicht genutzt
3036	Party name	C	an..35	N	Nicht genutzt
3036	Party name	C	an..35	N	Nicht genutzt
3045	Party name format code	C	an..3	N	Nicht genutzt
C059	Street	C		N	Nicht genutzt
3042	Street and number or post office box identifier	M	an..35	N	Nicht genutzt
3042	Street and number or post office box identifier	C	an..35	N	Nicht genutzt
3042	Street and number or post office box identifier	C	an..35	N	Nicht genutzt
3042	Street and number or post office box identifier	C	an..35	N	Nicht genutzt
3164	City name	C	an..35	N	Nicht genutzt
C819	Country subdivision details	C		N	Nicht genutzt
3229	Country subdivision identifier	C	an..9	N	Nicht genutzt
1131	Code list identification code	C	an..17	N	Nicht genutzt
3055	Code list responsible agency code	C	an..3	N	Nicht genutzt

Bez =Bezeichner; Nr = Laufende Segmentnummer im Guide; MaxWdh = Maximale Wiederholung; St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)

## Segmente

Standard		Implementierung		
Bez	Name	St	Format	Anwendung / Bemerkung
3228	Country subdivision name	C	an..70	N Nicht genutzt
3251	Postal identification code	C	an..17	N Nicht genutzt
3207	Country identifier	C	an..3	N Nicht genutzt

Identifier of the sender of the original message (according to NAD-Segment)

Beispiel:

**NAD+MR+123ABC : : 10++CompanyName '**

## Segmente

Nr	Bez	St	MaxWdh	Name
	SG3	R	1	Message recipient
16	CTA	O	9	Information contact

Standard		Implementierung			
Bez	Name	St	Format	St	Format Anwendung / Bemerkung
3139	Contact function code	C	an..3	C	an..3
					<b>IC</b> Information contact
C056	Contact details	C		O	
3413	Contact identifier	C	an..17	O	an..17 Identifies the department or employee by a unique identifier other than their name when given as a contact.
3412	Contact name	C	an..256	O	an..256 Name of the contact person or department

Beispiel:

**CTA+IC+Identifier:Name '**

Bez =Bezeichner; Nr = Laufende Segmentnummer im Guide; MaxWdh = Maximale Wiederholung; St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)

## Segmente

Nr	Bez	St	MaxWdh	Name
	<b>SG3</b>	R	1	Message recipient
17	<b>COM</b>	O	3	Communication means

Standard		Implementierung			
Bez	Name	St	Format	St	Format    Anwendung / Bemerkung
C076	Communication contact	M		M	
3148	Communication address identifier	M	an..512	M	an..512    Each communication number has to be qualified with the corresponding code in DE 3155.
3155	Communication means type code	M	an..3	M	an..3  <b>EM</b> Electronic mail <b>FX</b> Telefax <b>TE</b> Telephone

Beispiel:

**COM+123ABC:TE'**

Bez =Bezeichner; Nr = Laufende Segmentnummer im Guide; MaxWdh = Maximale Wiederholung; St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)



## Segmente

Nr	Bez	St	MaxWdh	Name
	<b>SG3</b>	D	1	Final message recipient
18	<b>NAD</b>	M	1	Final message recipient

Standard		Implementierung			
Bez	Name	St	Format	St	Anwendung / Bemerkung
3035	Party function code qualifier	M	an..3	M	an..3 <b>HP</b> Final message recipient
C082	Party identification details	C		R	
3039	Party identifier	M	an..35	M	an..35 Unique identification of a party by an ID.
1131	Code list identification code	C	an..17	N	Nicht genutzt
3055	Code list responsible agency code	C	an..3	R	an..3  <b>5</b> ISO (International Organization for Standardization) <b>10</b> ODETTE <b>16</b> US, D&B (Dun & Bradstreet Corporation) <b>91</b> Assigned by seller or seller's agent <b>92</b> Assigned by buyer or buyer's agent <b>091</b> Assigned by the provider of the empty packaging 3055 <b>092</b> Assigned by the receiver of the empty packaging 3055
C058	Name and address	C		N	Nicht genutzt
3124	Name and address description	M	an..35	N	Nicht genutzt
3124	Name and address description	C	an..35	N	Nicht genutzt
3124	Name and address description	C	an..35	N	Nicht genutzt
3124	Name and address description	C	an..35	N	Nicht genutzt
3124	Name and address description	C	an..35	N	Nicht genutzt
C080	Party name	C		O	
3036	Party name	M	an..35	M	an..35 Name of the final message receiver
3036	Party name	C	an..35	N	Nicht genutzt
3036	Party name	C	an..35	N	Nicht genutzt
3036	Party name	C	an..35	N	Nicht genutzt
3036	Party name	C	an..35	N	Nicht genutzt
3045	Party name format code	C	an..3	N	Nicht genutzt
C059	Street	C		N	Nicht genutzt
3042	Street and number or post office box identifier	M	an..35	N	Nicht genutzt
3042	Street and number or post office box identifier	C	an..35	N	Nicht genutzt
3042	Street and number or post office box identifier	C	an..35	N	Nicht genutzt
3042	Street and number or post office box identifier	C	an..35	N	Nicht genutzt
3164	City name	C	an..35	N	Nicht genutzt
C819	Country subdivision details	C		N	Nicht genutzt
3229	Country subdivision identifier	C	an..9	N	Nicht genutzt
1131	Code list identification code	C	an..17	N	Nicht genutzt
3055	Code list responsible agency code	C	an..3	N	Nicht genutzt

Bez =Bezeichner; Nr = Laufende Segmentnummer im Guide; MaxWdh = Maximale Wiederholung; St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)

## Segmente

Standard			Implementierung			
Bez	Name	St	Format	St	Format	Anwendung / Bemerkung
3228	Country subdivision name	C	an..70	N		Nicht genutzt
3251	Postal identification code	C	an..17	N		Nicht genutzt
3207	Country identifier	C	an..3	N		Nicht genutzt

This segment is to be used if the message is to be sent to an end recipient via a "relay station" (e.g. from the forwarding agent via the customer to the vendor in the case of a response to a transport readiness message).  
Beispiel:

**NAD+HP+123ABC : : 5++CompanyName '**

## Segmente

Nr	Bez	St	MaxWdh	Name
	SG3	D	1	Final message recipient
19	CTA	O	1	Information contact

Standard		Implementierung			
Bez	Name	St	Format	St	Format Anwendung / Bemerkung
3139	Contact function code	C	an..3	C	an..3
					<b>IC</b> Information contact
C056	Contact details	C		O	
3413	Contact identifier	C	an..17	O	an..17 Identifies the department or employee by a unique identifier other than their name when given as a contact.
3412	Contact name	C	an..256	O	an..256 Name of the contact person or department

Beispiel:

**CTA+IC+Identifier:Name '**

Bez =Bezeichner; Nr = Laufende Segmentnummer im Guide; MaxWdh = Maximale Wiederholung; St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)

## Segmente

Nr	Bez	St	MaxWdh	Name
	<b>SG3</b>	D	1	Final message recipient
20	<b>COM</b>	O	3	Communication means

Standard		Implementierung			
Bez	Name	St	Format	St	Format Anwendung / Bemerkung
C076	Communication contact	M		M	
3148	Communication address identifier	M	an..512	M	an..512 Each communication number has to be qualified with the corresponding code in DE 3155.
3155	Communication means type code	M	an..3	M	an..3 <b>EM</b> Electronic mail <b>FX</b> Telefax <b>TE</b> Telephone

Beispiel:

**COM+123ABC:TE'**

Bez =Bezeichner; Nr = Laufende Segmentnummer im Guide; MaxWdh = Maximale Wiederholung; St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)

## Segmente

Nr	Bez	St	MaxWdh	Name
	<b>SG4</b>	R	99999	Application error detail
21	<b>ERC</b>	M	1	Application error detail

Standard		Implementierung			
Bez	Name	St	Format	St	Anwendung / Bemerkung
C901	Application error detail	M		M	
9321	Application error code	M	an..8	M	an..8 Eight-digit application error code  First character - classification of the erroneous object: A - Part/packaging numbers D - Dates, times L - Location M - Miscellaneous N - Error on message level P - Party numbers/identifier Q - Measurements R - Reference numbers/documents S - Tax relevant data are missing or incorrect U - Error in interchange V - Validation  Position 2 - 4 error number Position 5 -8 not used  For detailed code liste refer to the list of applicable codes.
1131	Code list identification code	C	an..17	N	Nicht genutzt
3055	Code list responsible agency code	C	an..3	O	an..3  <b>10</b> ODETTE <b>91</b> Assigned by seller or seller's agent <b>92</b> Assigned by buyer or buyer's agent <b>091</b> Assigned by the provider of the empty packaging 3055 <b>092</b> Assigned by the receiver of the empty packaging 3055

A separate repetition of the segment group will be transferred for each error.  
Beispiel:

**ERC+A001 : : 10 '**

## Segmente

Nr	Bez	St	MaxWdh	Name
	<b>SG4</b>	R	99999	Application error detail
22	<b>FTX</b>	O	1	Error description

Standard		Implementierung			
Bez	Name	St	Format	St	Format Anwendung / Bemerkung
4451	Text subject code qualifier	M	an..3	M	an..3 <b>AAO</b> Error description (free text)
4453	Free text function code	C	an..3	N	Nicht genutzt
C107	Text reference	C		R	
4441	Free text description code	M	an..17	M	an..17
1131	Code list identification code	C	an..17	N	Nicht genutzt
3055	Code list responsible agency code	C	an..3	O	an..3 <b>10 ODETTE</b>
C108	Text literal	C		O	
4440	Free text	M	an..512	M	an..512 Path to erroneous segment/ data element Segment group.Segment.CDE.DE or SG.Se.DE # - counter of SG / SE [D_XXXX = "XX"] qualifies the segment  Examples: Wrong or missing qualifier in DTM-segment Error-Code=N009 (mandatory information is missing) SG2.NAD[D_3035="FW"].SG3.RFF[D_1153="ANK"].DTM. C507.2005 Wrong data format: Error-Code=D006 SG2.NAD[D_3035="FW"].SG3.RFF[D_1153="ANK"]. DTM[D_2005="171"].C507.2379
4440	Free text	C	an..512	O	an..512 Actual value: "xyz" or "N/A" (empty or missing value) + (if applicable) Required value: ...
4440	Free text	C	an..512	O	an..512 Error description according to code list
4440	Free text	C	an..512	O	an..512 Additional individual remarks of the receiver of the erroneous message.
4440	Free text	C	an..512	O	an..512
3453	Language name code	C	an..3	O	an..3
4447	Free text format code	C	an..3	N	Nicht genutzt

Specific descriptions to an error can be stated here, for example the detailed explanation of a format error or individual errors.  
Beispiel:

**FTX+AAO++E : : 10+X:X:X:X:X+aa '**

## Segmente

Nr	Bez	St	MaxWdh	Name
	<b>SG5</b>	O	1	Position of the error in the message
23	<b>RFF</b>	M	1	Position of the error in the message

Standard			Implementierung		
Bez	Name	St	Format	St	Anwendung / Bemerkung
C506	Reference	M		M	
1153	Reference code qualifier	M	an..3	M	an..3
					<b>AWL</b> Error position
1154	Reference identifier	C	an..70	R	an..70
					Position of the error segment in the message The numerical count position of a specific segment that is within the actual received message. The numbering starts with, and includes, the UNH segment as segment number 1. To identify a segment that contains an error, this is the numerical count position of that segment. To report that a segment is missing, this is the numerical count position of the last segment that was processed before the position where the missing segment was expected to be. A missing segment group is denoted by identifying the first segment in the group as missing. For flat file formats, such as VDA 4913, the count starts with the first record. In VDA 4913, counting would start with record type 711.
1156	Document line identifier	C	an..6	O	an..6
					Position of the error data element/field in the segment/record For separator-separated formats such as EDIFACT, the numeric position of the separator within the segment sent in the original message is counted in single steps. The separator before the incorrect value is given here as the position. Data element (group) separators (+) and group data element separators (:) are counted equally. The first separator after the segment identifier is counted as position 1.  For flat file structures without separators, such as VDA 4913, the actual position of the character in the record is counted in steps of one from the beginning of the record. The count starts with 1.
1056	Version identifier	C	an..9	N	Nicht genutzt
1060	Revision identifier	C	an..6	N	Nicht genutzt

If the original message unknown, it will not transfer the RFF+AWL.

Beispiel:

**RFF+AWL : 32 : 5 '**

## Segmente

Nr	Bez	St	MaxWdh	Name
	SG5	O	1	Wrong value
24	RFF	M	1	Wrong value

Standard		Implementierung		
Bez	Name	St	Format	Anwendung / Bemerkung
C506	Reference	M		M
1153	Reference code qualifier	M	an..3	M an..3
				<b>AQD</b> Data structure tag
1154	Reference identifier	C	an..70	R an..70 This is the value of the data element in error.
1156	Document line identifier	C	an..6	N Nicht genutzt
1056	Version identifier	C	an..9	N Nicht genutzt
1060	Revision identifier	C	an..6	N Nicht genutzt

Beispiel:

**RFF+AQD:Wrong value'**



## Segmente

Nr	Bez	St	MaxWdh	Name
25	<b>UNT</b>	M	1	Message trailer

Standard		Implementierung		
Bez	Name	St	Format	Anwendung / Bemerkung
0074	Number of segments in the message	M	n..6	M n..6
0062	Message reference number	M	an..14	M an..14

Beispiel:

**UNT+23+X'**

## Segmente

Nr	Bez	St	MaxWdh	Name
26	<b>UNZ</b>	M	1	Interchange trailer

Standard		Implementierung			
Bez	Name	St Format		St Format	Anwendung / Bemerkung
0036	Interchange control count	M	n..6	M n..6	Control value - number of messages in the interchange
0020	Interchange control reference	M	an..14	M an..14	Control value - interchange control reference (repetition from UNB segment).

Beispiel:

**UNZ+1+2022000025'**

Bez =Bezeichner; Nr = Laufende Segmentnummer im Guide; MaxWdh = Maximale Wiederholung; St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)

## Applicable codes

0001 Syntax identifier		
Code	Name/description	Code list
<b>UNOA</b>	UN/ECE level A	0001
<b>UNOB</b>	UN/ECE level B	0001
<b>UNOC</b>	UN/ECE level C	0001
<b>UNOD</b>	UN/ECE level D	0001
<b>UNOE</b>	UN/ECE level E	0001
<b>UNOF</b>	UN/ECE level F	0001
<b>UNOW</b>	UN/ECE level W	0001
0002 Syntax version number		
Code	Name/description	Code list
<b>X</b>	Syntax version 4 ISO 9735-11 profile.	0002
0007 Partner identification code qualifier		
Code	Name/description	Code list
<b>1</b>	DUNS (Data Universal Numbering System)	0007
<b>4</b>	IATA (International Air Transport Association)	0007
<b>5</b>	INSEE (Institut National de la Statistique et des Etudes Economiques) - SIRET	0007
<b>8</b>	UCC Communications ID (Uniform Code Council Communications Identifier)	0007
<b>9</b>	DUNS (Data Universal Numbering System) with 4 digit suffix	0007
<b>12</b>	Telephone number	0007
<b>14</b>	GS1	0007
<b>18</b>	AIAG (Automotive Industry Action Group)	0007
<b>22</b>	INSEE (Institut National de la Statistique et des Etudes Economiques) - SIREN	0007
<b>30</b>	ISO 6523: Organization identification	0007
<b>31</b>	DIN (Deutsches Institut fuer Normung)	0007
<b>33</b>	BfA (Bundesversicherungsanstalt fuer Angestellte)	0007
<b>34</b>	National Statistical Agency	0007
<b>51</b>	GEIS (General Electric Information Services)	0007
<b>52</b>	INS (IBM Network Services)	0007
<b>53</b>	Datenzentrale des Einzelhandels	0007
<b>54</b>	Bundesverband der Deutschen Baustoffhaendler	0007
<b>55</b>	Bank identifier code	0007
<b>57</b>	KTNet (Korea Trade Network Services)	0007
<b>58</b>	UPU (Universal Postal Union)	0007
<b>59</b>	ODETTE (Organization for Data Exchange through Tele- Transmission in Europe)	0007
<b>61</b>	SCAC (Standard Carrier Alpha Code)	0007
<b>63</b>	ECA (Electronic Commerce Australia)	0007
<b>65</b>	TELEBOX 400 (Deutsche Telekom)	0007
<b>80</b>	NHS (National Health Service)	0007
<b>82</b>	Statens Teleforvaltning	0007
<b>84</b>	Athens Chamber of Commerce	0007
<b>85</b>	Swiss Chamber of Commerce	0007
<b>86</b>	US Council for International Business	0007
<b>87</b>	National Federation of Chambers of Commerce and Industry	0007
<b>89</b>	Association of British Chambers of Commerce	0007
<b>90</b>	SITA (Societe Internationale de Telecommunications Aeronautiques)	0007
<b>91</b>	Assigned by seller or seller's agent	0007
<b>92</b>	Assigned by buyer or buyer's agent	0007
<b>103</b>	TW, Trade-van	0007
<b>128</b>	CH, BCNR (Swiss Clearing Bank Number)	0007
<b>129</b>	CH, BPI (Swiss Business Partner Identification)	0007
<b>144</b>	US, DoDAAC (Department of Defense Activity Address Code)	0007
<b>145</b>	FR, DGCP (Direction Generale de la Comptabilite Publique)	0007
<b>146</b>	FR, DGI (Direction Generale des Impots)	0007

## Applicable codes

Code	Name/description	Code list
<b>147</b>	JP, JIPDEC/ECPC (Japan Information Processing Development Corporation / Electronic Commerce Promotion Center)	0007
<b>148</b>	ITU (International Telecommunications Union) Data Network Identification Code (DNIC)	0007
<b>500</b>	DE, BDEW (Bundesverband der Energie- und Wasserwirtschaft e.V.)	0007
<b>501</b>	EASEE-gas (European Association for the Streamlining of Energy Exchange)	0007
<b>502</b>	DE, DVGW (Deutsche Vereinigung des Gas- und Wasserfaches e.V.)	0007
<b>Z01</b>	Vehicle registration number	0007
<b>ZZZ</b>	Mutually defined	0007
<b>0035</b>	<b>Test indicator</b>	
Code	Name/description	Code list
<b>1</b>	Interchange is a test	0035
<b>0051</b>	<b>Controlling agency</b>	
Code	Name/description	Code list
<b>UN</b>	UN/CEFACT	0051
<b>0052</b>	<b>Message version number</b>	
Code	Name/description	Code list
<b>D</b>	Draft version/UN/EDIFACT Directory	0052
<b>0054</b>	<b>Message release number</b>	
Code	Name/description	Code list
<b>08A</b>	Release 2008 - A	0054
<b>0057</b>	<b>Association assigned code</b>	
Code	Name/description	Code list
<b>GAVM30</b>	VDA APERAK - Message receipt and error report V3.0	JAI016
<b>0065</b>	<b>Message type</b>	
Code	Name/description	Code list
<b>APERAK</b>	Application error and acknowledgement message	0065
<b>1000</b>	<b>Process step</b>	
Code	Name/description	Code list
<b>X01</b>	Syntax check	ODDC175(1)
<b>X02</b>	Validation in the EDI system	ODDC175(1)
<b>X03</b>	Processing in the ERP system (final)	ODDC175(1)
<b>1001</b>	<b>Document name code</b>	
Code	Name/description	Code list
<b>305</b>	Application error and acknowledgement	1001
<b>1153</b>	<b>Reference code qualifier</b>	
Code	Name/description	Code list
<b>AAK</b>	Despatch advice number	1153
<b>AGO</b>	Sender's reference to the original message	1153
<b>AKT</b>	Forwarding order number	1153
<b>API</b>	Inventory report reference number	1153
<b>AQD</b>	Data structure tag	1153
<b>AWL</b>	Error position	1153
<b>INN</b>	Interchange number new	1153
<b>IV</b>	Invoice document identifier	1153
<b>1225</b>	<b>Message function code</b>	
Code	Name/description	Code list
<b>9</b>	Original	1225
<b>2005</b>	<b>Date or time or period function code qualifier</b>	

## Applicable codes

Code	Name/description	Code list
<b>137</b>	Document issue date time	2005
<b>171</b>	Reference date/time	2005
<b>2379</b>	<b>Date or time or period format code</b>	
Code	Name/description	Code list
<b>102</b>	CCYYMMDD	2379
<b>203</b>	CCYYMMDDHHMM	2379
<b>204</b>	CCYYMMDDHHMMSS	2379
<b>3035</b>	<b>Party function code qualifier</b>	
Code	Name/description	Code list
<b>HP</b>	Final message recipient	3035
<b>MR</b>	Message recipient	3035
<b>MS</b>	Document/message issuer/sender	3035
<b>3055</b>	<b>Code list responsible agency code</b>	
Code	Name/description	Code list
<b>O91</b>	Assigned by the provider of the empty packaging	3055
<b>O92</b>	Assigned by the receiver of the empty packaging	3055
<b>5</b>	ISO (International Organization for Standardization)	3055
<b>10</b>	ODETTE	3055
<b>16</b>	US, D&B (Dun & Bradstreet Corporation)	3055
<b>91</b>	Assigned by seller or seller's agent	3055
<b>92</b>	Assigned by buyer or buyer's agent	3055
<b>3139</b>	<b>Contact function code</b>	
Code	Name/description	Code list
<b>IC</b>	Information contact	3139
<b>3155</b>	<b>Communication means type code</b>	
Code	Name/description	Code list
<b>EM</b>	Electronic mail	3155
<b>FX</b>	Telefax	3155
<b>TE</b>	Telephone	3155
<b>3453</b>	<b>Language name code</b>	
Code	Name/description	Code list
<b>AA</b>	Afar	3453
<b>aa</b>	Afar	3453
<b>AB</b>	Abkhazian	3453
<b>ab</b>	Abkhazian	3453
<b>AE</b>	Avestan	3453
<b>ae</b>	Avestan	3453
<b>AF</b>	Afrikaans	3453
<b>af</b>	Afrikaans	3453
<b>AK</b>	Akan	3453
<b>ak</b>	Akan	3453
<b>AM</b>	Amharic	3453
<b>am</b>	Amharic	3453
<b>AN</b>	Aragonese	3453
<b>an</b>	Aragonese	3453
<b>AR</b>	Arabic	3453
<b>ar</b>	Arabic	3453
<b>AS</b>	Assamese	3453
<b>as</b>	Assamese	3453
<b>AV</b>	Avaric	3453
<b>av</b>	Avaric	3453

## Applicable codes

Code	Name/description	Code list
<b>AY</b>	Aymara	3453
<b>ay</b>	Aymara	3453
<b>AZ</b>	Azerbaijani	3453
<b>az</b>	Azerbaijani	3453
<b>BA</b>	Bashkir	3453
<b>ba</b>	Bashkir	3453
<b>BE</b>	Belarusian	3453
<b>be</b>	Belarusian	3453
<b>BG</b>	Bulgarian	3453
<b>bg</b>	Bulgarian	3453
<b>BH</b>	Bihari languages	3453
<b>bh</b>	Bihari languages	3453
<b>BI</b>	Bislama	3453
<b>bi</b>	Bislama	3453
<b>BM</b>	Bambara	3453
<b>bm</b>	Bambara	3453
<b>BN</b>	Bengali	3453
<b>bn</b>	Bengali	3453
<b>BO</b>	Tibetan	3453
<b>bo</b>	Tibetan	3453
<b>BR</b>	Breton	3453
<b>br</b>	Breton	3453
<b>BS</b>	Bosnian	3453
<b>bs</b>	Bosnian	3453
<b>CA</b>	Catalan; Valencian	3453
<b>ca</b>	Catalan; Valencian	3453
<b>CE</b>	Chechen	3453
<b>ce</b>	Chechen	3453
<b>CH</b>	Chamorro	3453
<b>ch</b>	Chamorro	3453
<b>CO</b>	Corsican	3453
<b>co</b>	Corsican	3453
<b>CR</b>	Cree	3453
<b>cr</b>	Cree	3453
<b>CS</b>	Czech	3453
<b>cs</b>	Czech	3453
<b>CU</b>	Church Slavonic; Old Slavonic; Church Slavonic; Old Bulgarian; Old Church Slavonic	3453
<b>cu</b>	Church Slavonic; Old Slavonic; Church Slavonic; Old Bulgarian; Old Church Slavonic	3453
<b>CV</b>	Chuvash	3453
<b>cv</b>	Chuvash	3453
<b>CY</b>	Welsh	3453
<b>cy</b>	Welsh	3453
<b>DA</b>	Danish	3453
<b>da</b>	Danish	3453
<b>DE</b>	German	3453
<b>de</b>	German	3453
<b>DV</b>	Divehi; Dhivehi; Maldivian	3453
<b>dv</b>	Divehi; Dhivehi; Maldivian	3453
<b>DZ</b>	Dzongkha	3453
<b>dz</b>	Dzongkha	3453
<b>EE</b>	Ewe	3453
<b>ee</b>	Ewe	3453
<b>EL</b>	Greek; Modern (1453-)	3453
<b>el</b>	Greek; Modern (1453-)	3453
<b>EN</b>	English	3453

## Applicable codes

Code	Name/description	Code list
en	English	3453
EO	Esperanto	3453
eo	Esperanto	3453
ES	Spanish; Castilian	3453
es	Spanish; Castilian	3453
ET	Estonian	3453
et	Estonian	3453
EU	Basque	3453
eu	Basque	3453
FA	Persian	3453
fa	Persian	3453
FF	Fulah	3453
ff	Fulah	3453
FI	Finnish	3453
fi	Finnish	3453
FJ	Fijian	3453
fj	Fijian	3453
FO	Faroese	3453
fo	Faroese	3453
FR	French	3453
fr	French	3453
FY	Western Frisian	3453
fy	Western Frisian	3453
GA	Irish	3453
ga	Irish	3453
GD	Gaelic; Scottish Gaelic	3453
gd	Gaelic; Scottish Gaelic	3453
GL	Galician	3453
gl	Galician	3453
GN	Guarani	3453
gn	Guarani	3453
GU	Gujarati	3453
gu	Gujarati	3453
GV	Manx	3453
gv	Manx	3453
HA	Hausa	3453
ha	Hausa	3453
HE	Hebrew	3453
he	Hebrew	3453
HI	Hindi	3453
hi	Hindi	3453
HO	Hiri Motu	3453
ho	Hiri Motu	3453
HR	Croatian	3453
hr	Croatian	3453
HT	Haitian; Haitian Creole	3453
ht	Haitian; Haitian Creole	3453
HU	Hungarian	3453
hu	Hungarian	3453
HY	Armenian	3453
hy	Armenian	3453
HZ	Herero	3453
hz	Herero	3453
IA	Interlingua (International Auxiliary Language Association)	3453
ia	Interlingua (International Auxiliary Language Association)	3453

## Applicable codes

Code	Name/description	Code list
<b>ID</b>	Indonesian	3453
<b>id</b>	Indonesian	3453
<b>IE</b>	Interlingue; Occidental	3453
<b>ie</b>	Interlingue; Occidental	3453
<b>IG</b>	Igbo	3453
<b>ig</b>	Igbo	3453
<b>II</b>	Sichuan Yi; Nuosu	3453
<b>ii</b>	Sichuan Yi; Nuosu	3453
<b>IK</b>	Inupiaq	3453
<b>ik</b>	Inupiaq	3453
<b>IO</b>	Ido	3453
<b>io</b>	Ido	3453
<b>IS</b>	Icelandic	3453
<b>is</b>	Icelandic	3453
<b>IT</b>	Italian	3453
<b>it</b>	Italian	3453
<b>IU</b>	Inuktitut	3453
<b>iu</b>	Inuktitut	3453
<b>JA</b>	Japanese	3453
<b>ja</b>	Japanese	3453
<b>JV</b>	Javanese	3453
<b>jv</b>	Javanese	3453
<b>JW</b>	Javanese	3453
<b>jw</b>	Javanese	3453
<b>KA</b>	Georgian	3453
<b>ka</b>	Georgian	3453
<b>KG</b>	Kongo	3453
<b>kg</b>	Kongo	3453
<b>KI</b>	Kikuyu; Gikuyu	3453
<b>ki</b>	Kikuyu; Gikuyu	3453
<b>KJ</b>	Kuanyama; Kwanyama	3453
<b>kj</b>	Kuanyama; Kwanyama	3453
<b>KK</b>	Kazakh	3453
<b>kk</b>	Kazakh	3453
<b>KL</b>	Kalaallisut; Greenlandic	3453
<b>kl</b>	Kalaallisut; Greenlandic	3453
<b>KM</b>	Central Khmer	3453
<b>km</b>	Central Khmer	3453
<b>KN</b>	Kannada	3453
<b>kn</b>	Kannada	3453
<b>KO</b>	Korean	3453
<b>ko</b>	Korean	3453
<b>KR</b>	Kanuri	3453
<b>kr</b>	Kanuri	3453
<b>KS</b>	Kashmiri	3453
<b>ks</b>	Kashmiri	3453
<b>KU</b>	Kurdish	3453
<b>ku</b>	Kurdish	3453
<b>KV</b>	Komi	3453
<b>kv</b>	Komi	3453
<b>KW</b>	Cornish	3453
<b>kw</b>	Cornish	3453
<b>KY</b>	Kirghiz; Kyrgyz	3453
<b>ky</b>	Kirghiz; Kyrgyz	3453
<b>LA</b>	Latin	3453



## Applicable codes

Code	Name/description	Code list
<b>la</b>	Latin	3453
<b>LB</b>	Luxembourgish; Letzeburgesch	3453
<b>lb</b>	Luxembourgish; Letzeburgesch	3453
<b>LG</b>	Ganda	3453
<b>lg</b>	Ganda	3453
<b>LI</b>	Limburgan; Limburger; Limburgish	3453
<b>li</b>	Limburgan; Limburger; Limburgish	3453
<b>LN</b>	Lingala	3453
<b>ln</b>	Lingala	3453
<b>LO</b>	Lao	3453
<b>lo</b>	Lao	3453
<b>LT</b>	Lithuanian	3453
<b>lt</b>	Lithuanian	3453
<b>LU</b>	Luba-Katanga	3453
<b>lu</b>	Luba-Katanga	3453
<b>LV</b>	Latvian	3453
<b>lv</b>	Latvian	3453
<b>MG</b>	Malagasy	3453
<b>mg</b>	Malagasy	3453
<b>MH</b>	Marshallese	3453
<b>mh</b>	Marshallese	3453
<b>MI</b>	Maori	3453
<b>mi</b>	Maori	3453
<b>MK</b>	Macedonian	3453
<b>mk</b>	Macedonian	3453
<b>ML</b>	Malayalam	3453
<b>ml</b>	Malayalam	3453
<b>MN</b>	Mongolian	3453
<b>mn</b>	Mongolian	3453
<b>MO</b>	Moldavian; Moldovan	3453
<b>mo</b>	Moldavian; Moldovan	3453
<b>MR</b>	Marathi	3453
<b>mr</b>	Marathi	3453
<b>MS</b>	Malay	3453
<b>ms</b>	Malay	3453
<b>MT</b>	Maltese	3453
<b>mt</b>	Maltese	3453
<b>MY</b>	Burmese	3453
<b>my</b>	Burmese	3453
<b>NA</b>	Nauru	3453
<b>na</b>	Nauru	3453
<b>NB</b>	Bokmal Norwegian; Norwegian Bokmal	3453
<b>nb</b>	Bokmal Norwegian; Norwegian Bokmal	3453
<b>ND</b>	Ndebele; North; North Ndebele	3453
<b>nd</b>	Ndebele; North; North Ndebele	3453
<b>NE</b>	Nepali	3453
<b>ne</b>	Nepali	3453
<b>NG</b>	Ndonga	3453
<b>ng</b>	Ndonga	3453
<b>NL</b>	Dutch; Flemish	3453
<b>nl</b>	Dutch; Flemish	3453
<b>NN</b>	Norwegian Nynorsk; Nynorsk, Norwegian	3453
<b>nn</b>	Norwegian Nynorsk; Nynorsk, Norwegian	3453
<b>NO</b>	Norwegian	3453
<b>no</b>	Norwegian	3453

## Applicable codes

Code	Name/description	Code list
<b>NR</b>	Ndebele; South; South Ndebele	3453
<b>nr</b>	Ndebele; South; South Ndebele	3453
<b>NV</b>	Navajo; Navaho	3453
<b>nv</b>	Navajo; Navaho	3453
<b>NY</b>	Chichewa; Chewa; Nyanja	3453
<b>ny</b>	Chichewa; Chewa; Nyanja	3453
<b>OC</b>	Occitan (post 1500)	3453
<b>oc</b>	Occitan (post 1500)	3453
<b>OJ</b>	Ojibwa	3453
<b>oj</b>	Ojibwa	3453
<b>OM</b>	Oromo	3453
<b>om</b>	Oromo	3453
<b>OR</b>	Oriya	3453
<b>or</b>	Oriya	3453
<b>OS</b>	Ossetian; Ossetic	3453
<b>os</b>	Ossetian; Ossetic	3453
<b>PA</b>	Panjabi; Punjabi	3453
<b>pa</b>	Panjabi; Punjabi	3453
<b>PI</b>	Pali	3453
<b>pi</b>	Pali	3453
<b>PL</b>	Polish	3453
<b>pl</b>	Polish	3453
<b>PS</b>	Pushto; Pashto	3453
<b>ps</b>	Pushto; Pashto	3453
<b>PT</b>	Portuguese	3453
<b>pt</b>	Portuguese	3453
<b>QU</b>	Quechua	3453
<b>qu</b>	Quechua	3453
<b>RM</b>	Romansh	3453
<b>rm</b>	Romansh	3453
<b>RN</b>	Rundi	3453
<b>rn</b>	Rundi	3453
<b>RO</b>	Romanian	3453
<b>ro</b>	Romanian	3453
<b>RU</b>	Russian	3453
<b>ru</b>	Russian	3453
<b>RW</b>	Kinyarwanda	3453
<b>rw</b>	Kinyarwanda	3453
<b>SA</b>	Sanskrit	3453
<b>sa</b>	Sanskrit	3453
<b>SC</b>	Sardinian	3453
<b>sc</b>	Sardinian	3453
<b>SD</b>	Sindhi	3453
<b>sd</b>	Sindhi	3453
<b>SE</b>	Northern Sami	3453
<b>se</b>	Northern Sami	3453
<b>SG</b>	Sango	3453
<b>sg</b>	Sango	3453
<b>SH</b>	Serbo-Croatian	3453
<b>sh</b>	Serbo-Croatian	3453
<b>SI</b>	Sinhala; Sinhalese	3453
<b>si</b>	Sinhala; Sinhalese	3453
<b>SK</b>	Slovak	3453
<b>sk</b>	Slovak	3453
<b>SL</b>	Slovenian	3453

## Applicable codes

Code	Name/description	Code list
<b>sl</b>	Slovenian	3453
<b>SM</b>	Samoan	3453
<b>sm</b>	Samoan	3453
<b>SN</b>	Shona	3453
<b>sn</b>	Shona	3453
<b>SO</b>	Somali	3453
<b>so</b>	Somali	3453
<b>SQ</b>	Albanian	3453
<b>sq</b>	Albanian	3453
<b>SR</b>	Serbian	3453
<b>sr</b>	Serbian	3453
<b>SS</b>	Swati	3453
<b>ss</b>	Swati	3453
<b>ST</b>	Sotho, Southern	3453
<b>st</b>	Sotho, Southern	3453
<b>SU</b>	Sundanese	3453
<b>su</b>	Sundanese	3453
<b>SV</b>	Swedish	3453
<b>sv</b>	Swedish	3453
<b>SW</b>	Swahili	3453
<b>sw</b>	Swahili	3453
<b>TA</b>	Tamil	3453
<b>ta</b>	Tamil	3453
<b>TE</b>	Telugu	3453
<b>te</b>	Telugu	3453
<b>TG</b>	Tajik	3453
<b>tg</b>	Tajik	3453
<b>TH</b>	Thai	3453
<b>th</b>	Thai	3453
<b>TI</b>	Tigrinya	3453
<b>ti</b>	Tigrinya	3453
<b>TK</b>	Turkmen	3453
<b>tk</b>	Turkmen	3453
<b>TL</b>	Tagalog	3453
<b>tl</b>	Tagalog	3453
<b>TN</b>	Tswana	3453
<b>tn</b>	Tswana	3453
<b>TO</b>	Tonga (Tonga Islands)	3453
<b>to</b>	Tonga (Tonga Islands)	3453
<b>TR</b>	Turkish	3453
<b>tr</b>	Turkish	3453
<b>TS</b>	Tsonga	3453
<b>ts</b>	Tsonga	3453
<b>TT</b>	Tatar	3453
<b>tt</b>	Tatar	3453
<b>TW</b>	Twi	3453
<b>tw</b>	Twi	3453
<b>TY</b>	Tahitian	3453
<b>ty</b>	Tahitian	3453
<b>UG</b>	Uighur; Uyghur	3453
<b>ug</b>	Uighur; Uyghur	3453
<b>UK</b>	Ukrainian	3453
<b>uk</b>	Ukrainian	3453
<b>UR</b>	Urdu	3453
<b>ur</b>	Urdu	3453

## Applicable codes

Code	Name/description	Code list
<b>UZ</b>	Uzbek	3453
<b>uz</b>	Uzbek	3453
<b>VE</b>	Venda	3453
<b>ve</b>	Venda	3453
<b>VI</b>	Vietnamese	3453
<b>vi</b>	Vietnamese	3453
<b>VO</b>	Volapük	3453
<b>vo</b>	Volapük	3453
<b>WA</b>	Walloon	3453
<b>wa</b>	Walloon	3453
<b>WO</b>	Wolof	3453
<b>wo</b>	Wolof	3453
<b>XH</b>	Xhosa	3453
<b>xh</b>	Xhosa	3453
<b>YI</b>	Yiddish	3453
<b>yi</b>	Yiddish	3453
<b>YO</b>	Yoruba	3453
<b>yo</b>	Yoruba	3453
<b>ZA</b>	Zhuang; Chuang	3453
<b>za</b>	Zhuang; Chuang	3453
<b>ZH</b>	Chinese	3453
<b>zh</b>	Chinese	3453
<b>ZU</b>	Zulu	3453
<b>zu</b>	Zulu	3453

### 4343 Response type code

Code	Name/description	Code list
<b>AP</b>	Accepted	4343
<b>CA</b>	Conditionally accepted	4343
<b>RE</b>	Rejected	4343

### 4441 Free text description code

Code	Name/description	Code list
<b>E</b>	Error	4441
<b>W</b>	Warning	4441
<b>-</b>	No restrictions for the transport of dangerous goods	4441
<b>B</b>	Passage forbidden through tunnels of category B, C, D and E	4441
<b>B/D</b>	Passage forbidden through tunnels of category B and C when carried in tanks; Passage forbidden through tunnels of category D and E	4441
<b>B/E</b>	Passage forbidden through tunnels of category B, C and D when carried in tanks; Passage forbidden through tunnels of category E	4441
<b>B1000C</b>	Passage forbidden through tunnels of category B when the total net explosive mass per transport unit is greater than 1000 kg Passage forbidden through tunnels of category C, D and E	4441
<b>C</b>	Passage forbidden through tunnels of category C, D and E	4441
<b>C/D</b>	Passage forbidden through tunnels of category C when carried in tanks; Passage forbidden through tunnels of category D and E	4441
<b>C/E</b>	Passage forbidden through tunnels of category C and D when carried in tanks; Passage forbidden through tunnels of category E	4441
<b>C5000D</b>	Passage forbidden through tunnels of category C when the total net explosive mass per transport unit is greater than 5000 kg; Passage forbidden through tunnels of category D and E	4441
<b>D</b>	Passage forbidden through tunnels of category D and E	4441
<b>D/E</b>	Passage forbidden through tunnels of category D when carried in bulk or in tanks; Passage forbidden through tunnels of category E	4441
<b>E</b>	Passage forbidden through tunnels of category E	4441

### 4451 Text subject code qualifier

## Applicable codes

Code	Name/description	Code list
<b>AAO</b>	Error description (free text)	4451
<b>ABV</b>	Acceptance terms additional	4451
<b>6069</b>	<b>Control total type code qualifier</b>	
Code	Name/description	Code list
<b>55</b>	Total number of errors reported	6069
<b>9321</b>	<b>Application error code</b>	
Code	Name/description	Code list
<b>A001</b>	Batch number incorrect or missing.	9321
<b>A002</b>	Individual parcel number incorrect or missing.	9321
<b>A003</b>	Packaging unit number (supplier) incorrect or missing.	9321
<b>A004</b>	From parcel number incorrect or missing.	9321
<b>A005</b>	To parcel number incorrect or missing.	9321
<b>A006</b>	Packaging product number 1 incorrect or missing.	9321
<b>A007</b>	Serial number incorrect or missing.	9321
<b>A008</b>	Chassis number incorrect or missing.	9321
<b>A009</b>	Parts number incorrect or missing.	9321
<b>A010</b>	Parts number (supplier) incorrect or missing.	9321
<b>A011</b>	Consignment loading reference number incorrect or missing.	9321
<b>A012</b>	Label/tag identification incorrect or missing.	9321
<b>A013</b>	Transport vehicle identification incorrect or missing.	9321
<b>A014</b>	Engine number incorrect or missing.	9321
<b>A015</b>	Drawing revision number incorrect or missing.	9321
<b>A016</b>	Goods / service designation missing.	9321
<b>A800-A899</b>	Reserved for company unique codes	9321
<b>A999</b>	Parts/packaging unit number incorrect or missing. Detailed error description in adjacent FTX segment.	9321
<b>D001</b>	Requested delivery date/time incorrect or missing.	9321
<b>D002</b>	Date/time of hand-over by freight carrier incorrect or missing.	9321
<b>D003</b>	Dispatch date/time incorrect or missing.	9321
<b>D004</b>	Drawing revision date/time incorrect or missing.	9321
<b>D005</b>	Message date missing.	9321
<b>D006</b>	Date/time format not supported.	9321
<b>D007</b>	Error in date/time.	9321
<b>D008</b>	Delivery/performance date missing.	9321
<b>D009</b>	Date format does not comply with the format qualifier.	9321
<b>D010</b>	Wrong or missing date for the time slot booking.	9321
<b>D011</b>	Wrong or missing bordero date.	9321
<b>D012</b>	Wrong or incorrect target goods receipt date.	9321
<b>D013</b>	Message sent too late.	9321
<b>D800-D899</b>	Reserved for company unique codes	9321
<b>D999</b>	Date/time incorrect or missing. Detailed error description in adjacent FTX segment.	9321
<b>G001</b>	Net amount for item missing.	9321
<b>G002</b>	Net amount for item incorrect; net amount is calculated as net price/unit price * quantity.	9321
<b>G003</b>	Net amount for item should not be 0.	9321
<b>G004</b>	Net price for item missing.	9321
<b>G005</b>	Net price for item deviate from price in order / price agreement.	9321
<b>G006</b>	Total invoice amount missing (SG50.MOA+77).	9321
<b>G007</b>	Total invoice amount (SG50.MOA+77) must not be 0.	9321
<b>G008</b>	Total invoice amount incorrect (SG50.MOA+77); might be due to other incorrect or missing figures in item list.	9321
<b>G009</b>	Taxable total amount (MOA+125) missing.	9321
<b>G010</b>	If an item is declared exempt from VAT, the non-taxable amount (SG50.MOA+403) must be specified.	9321
<b>G011</b>	Total tax amount (SG50.MOA+176) missing.	9321

## Applicable codes

Code	Name/description	Code list
<b>G012</b>	Taxable total amount (MOA+125) incorrect.	9321
<b>G013</b>	Total amount of VAT (MOA+176) incorrect.	9321
<b>G014</b>	Total amount of additional delivery costs (MOA+136) incorrect.	9321
<b>G800-G899</b>	Reserved for company unique codes	9321
<b>G999</b>	Other amount data incorrect and missing. Detailed error description in adjacent FTX segment.	9321
<b>L001</b>	Unloading location incorrect or missing.	9321
<b>L002</b>	Storage location (customer) incorrect or missing.	9321
<b>L003</b>	Location of consumption incorrect or missing.	9321
<b>L004</b>	Plant (customer) incorrect or missing.	9321
<b>L005</b>	Plant (supplier) incorrect or missing.	9321
<b>L006</b>	Loading location incorrect or missing.	9321
<b>L007</b>	Country of origin incorrect or missing.	9321
<b>L800-L899</b>	Reserved for company unique codes	9321
<b>L999</b>	Location incorrect or missing. Detailed error description in adjacent FTX segment.	9321
<b>M000</b>	No errors or warnings were triggered at this check level.	9321
<b>M001</b>	Revision number incorrect or missing.	9321
<b>M002</b>	Hazardous goods identification incorrect or missing.	9321
<b>M003</b>	Text incorrect or missing.	9321
<b>M004</b>	VAT rate incorrect or missing.	9321
<b>M005</b>	Customs value, packaging costs, freight costs, other monetary figures. Detailed error description in adjacent FTX segment.	9321
<b>M006</b>	Shipping method incorrect or missing.	9321
<b>M007</b>	Preference status incorrect or missing.	9321
<b>M008</b>	Usage identifier incorrect or missing.	9321
<b>M009</b>	Product description incorrect or missing.	9321
<b>M010</b>	Transfer of ownership code incorrect or missing.	9321
<b>M011</b>	Delivery terms/postage incorrect or missing.	9321
<b>M800-M899</b>	Reserved for company unique codes	9321
<b>M999</b>	Error in message. Detailed error description in adjacent FTX segment.	9321
<b>N001</b>	UNH: Message reference included more than once in interchange (DE0062).	9321
<b>N002</b>	UNT: Message reference deviates from value in UNH segment.	9321
<b>N003</b>	UNT: Incorrect number of segments in message.	9321
<b>N006</b>	Message with this number has already been transferred, and second exchange is not identified as a copy.	9321
<b>N007</b>	Too many segment/segment group repetitions.	9321
<b>N009</b>	Mandatory data element missing.	9321
<b>N010</b>	Mandatory segment missing.	9321
<b>N011</b>	Segment/segment group not permissible/unknown at this position in message.	9321
<b>N012</b>	Error in data format: content too short.	9321
<b>N013</b>	Error in data format: content too long.	9321
<b>N014</b>	Error in data format: content must be numerical.	9321
<b>N015</b>	Code value incorrect or missing.	9321
<b>N016</b>	Format of value incorrect.	9321
<b>N017</b>	Value incorrect or missing.	9321
<b>N018</b>	Value shall not contain leading zeroes	9321
<b>N019</b>	Not correct data element/syntax in segment.	9321
<b>N800-N899</b>	Reserved for company unique codes	9321
<b>N999</b>	Other message structure data incorrect and missing. Detailed error description in adjacent FTX segment.	9321
<b>P001</b>	Freight carrier incorrect or missing.	9321
<b>P002</b>	Supplier number incorrect or missing.	9321
<b>P003</b>	Carrier/transport partner number incorrect or missing.	9321
<b>P004</b>	Goods recipient number incorrect or missing.	9321
<b>P005</b>	Customer code from individual order incorrect or missing.	9321
<b>P006</b>	Code from customer call-off (LAB) incorrect or missing.	9321

## Applicable codes

Code	Name/description	Code list
<b>P007</b>	Goods dispatcher incorrect or missing.	9321
<b>P008</b>	Identification of person responsible for materials approval incorrect or missing.	9321
<b>P009</b>	Data sender incorrect or missing.	9321
<b>P010</b>	Data recipient incorrect or missing.	9321
<b>P011</b>	Transport consolidation service provider incorrect or missing.	9321
<b>P012</b>	Manufacturer incorrect or missing.	9321
<b>P013</b>	(Contractual) client/sender incorrect or missing.	9321
<b>P014</b>	Client/purchaser missing.	9321
<b>P015</b>	Client/purchaser address details incomplete.	9321
<b>P016</b>	Service provider/supplier details missing.	9321
<b>P017</b>	Service provider/supplier address details incomplete.	9321
<b>P018</b>	Invoice issuer address details incomplete.	9321
<b>P019</b>	Invoice recipient address details incomplete.	9321
<b>P020</b>	Address details of tax-relevant agent of service provider incomplete.	9321
<b>P021</b>	Address details of tax-relevant client agent incomplete.	9321
<b>P022</b>	Country of customer missing.	9321
<b>P023</b>	Country of goods recipient missing.	9321
<b>P024</b>	Address details of goods recipient incomplete.	9321
<b>P800-P899</b>	Reserved for company unique codes	9321
<b>P999</b>	Other partner data incorrect or missing. Detailed error description in adjacent FTX segment.	9321
<b>Q001</b>	Number of packaging units incorrect or missing.	9321
<b>Q002</b>	Number of parcels incorrect or missing.	9321
<b>Q003</b>	Filling quantity incorrect or missing.	9321
<b>Q004</b>	Loading metre incorrect or missing.	9321
<b>Q005</b>	Delivery quantity incorrect or missing.	9321
<b>Q006</b>	Number of loading units incorrect or missing.	9321
<b>Q007</b>	Gross weight incorrect or missing.	9321
<b>Q008</b>	Net weight incorrect or missing.	9321
<b>Q009</b>	Stacking factor incorrect or missing.	9321
<b>Q010</b>	Packaging dimensions incorrect or missing.	9321
<b>Q011</b>	Number of packaging aids incorrect or missing.	9321
<b>Q012</b>	Maximum extra load incorrect or missing.	9321
<b>Q013</b>	Consignment volume incorrect or missing.	9321
<b>Q014</b>	Calculated quantity missing.	9321
<b>Q015</b>	Unit of Measurement not supported.	9321
<b>Q016</b>	The sum of the package unit load (PAC+52) multiplied with the number of packing per PAC segment must be equal with the total part quantity (PAC+12) per CPS LOOP.	9321
<b>Q017</b>	The number of listed Package ID(s) given in GIN+ML must correspond with the number of packing per PAC segment.	9321
<b>Q018</b>	The values of listed Package ID(s) given in GIN+ML must be unique.	9321
<b>Q019</b>	The values of parent Package ID(s) given in RFF+ACI (handling unit) can not be used as child Package ID in GIN+ML.	9321
<b>Q020</b>	Incorrect or missing gross weight of the consignment.	9321
<b>Q800-Q899</b>	Reserved for company unique codes.	9321
<b>Q999</b>	Other quantity incorrect and missing. Detailed error description in adjacent FTX segment.	9321
<b>R001</b>	Call-off number incorrect or missing.	9321
<b>R002</b>	Contract/order number incorrect or missing.	9321
<b>R003</b>	Delivery note number incorrect or missing.	9321
<b>R004</b>	Consignment delivery note number of customer incorrect or missing.	9321
<b>R005</b>	Call-off stock number incorrect or missing.	9321
<b>R006</b>	Delivery note number incorrect or missing.	9321
<b>R007</b>	Item number in delivery note incorrect and missing.	9321
<b>R008</b>	Transport vehicle number incorrect or missing.	9321
<b>R009</b>	Origin delivery note number incorrect or missing.	9321
<b>R010</b>	Wrong or missing number of the loading list (Bordero, Bill of lading).	9321

## Applicable codes

Code	Name/description	Code list
<b>R011</b>	Incorrect or missing consignment scope key.	9321
<b>R012</b>	Incorrect or missing type of means of transport.	9321
<b>R013</b>	Incorrect or missing transport order number.	9321
<b>R800-R899</b>	Reserved for company unique codes	9321
<b>R999</b>	Other reference incorrect and missing. Detailed error description in adjacent FTX segment.	9321
<b>S001</b>	VAT ID no. of client/purchaser missing.	9321
<b>S002</b>	VAT ID no. or tax number of service provider/supplier missing.	9321
<b>S003</b>	VAT ID no. of service provider/supplier incorrect.	9321
<b>S004</b>	VAT ID no. of client/purchaser incorrect.	9321
<b>S005</b>	VAT ID no. of tax-relevant agent of client/purchaser missing.	9321
<b>S006</b>	VAT ID no. of tax-relevant agent of service provider/supplier missing.	9321
<b>S007</b>	Invoice currency missing.	9321
<b>S008</b>	Tax code missing.	9321
<b>S009</b>	Tax rate missing.	9321
<b>S800-S899</b>	Reserved for company unique codes	9321
<b>S999</b>	Other tax information incorrect and missing. Detailed error description in adjacent FTX segment.	9321
<b>U001</b>	UNA: Service string advice incorrect or not supported.	9321
<b>U002</b>	UNB: Character set missing (DE0001).	9321
<b>U003</b>	UNB: Character set incorrect (DE0001).	9321
<b>U004</b>	UNB: Syntax version missing.	9321
<b>U005</b>	UNB: Syntax version incorrect.	9321
<b>U006</b>	UNB: Transfer date missing.	9321
<b>U007</b>	UNB: Transfer date incorrect - use format YYMMDD.	9321
<b>U008</b>	UNB: Transfer time missing.	9321
<b>U009</b>	UNB: Transfer time incorrect - use format HHMM.	9321
<b>U010</b>	UNB: Sender missing.	9321
<b>U011</b>	UNB: Sender unknown.	9321
<b>U012</b>	UNB: Recipient missing.	9321
<b>U013</b>	UNB: Recipient unknown.	9321
<b>U014</b>	UNB: Data interchange reference missing (DE0020).	9321
<b>U015</b>	UNZ: Data interchange reference missing (DE0020).	9321
<b>U016</b>	UNZ: Data interchange reference discrepancy (DE0020).	9321
<b>U017</b>	UNZ: Message counter in interchange missing.	9321
<b>U018</b>	UNZ: Message counter in interchange <> number of transferred messages.	9321
<b>U019</b>	UNB: Data interchange reference used multiple times.	9321
<b>U020</b>	UNB: Interchange file too old.	9321
<b>U021</b>	Message group in interchange not supported.	9321
<b>U022</b>	System does not support multiple message types in interchange file.	9321
<b>U023</b>	No messages in interchange file.	9321
<b>U024</b>	Signature missing.	9321
<b>U025</b>	Signature check returned error.	9321
<b>U026</b>	Certificate used for signature not valid/permissible.	9321
<b>U800-U899</b>	Reserved for company unique codes	9321
<b>U999</b>	Other interchange incorrect and missing. Detailed error description in adjacent FTX segment.	9321
<b>V001</b>	Incorrect combination of country of origin and preference status.	9321
<b>V002</b>	Discrepancy between stated number of packaging units and calculated number based on 'From parcel number' and 'To parcel number'.	9321
<b>V003</b>	'From parcel number' must be smaller than 'To parcel number'.	9321
<b>V005</b>	The delivery quantity must correspond to the number of packaging units x filling quantity.	9321
<b>V006</b>	With 'Mixed load' label code, the number of packaging units must be 0 or 1.	9321
<b>V007</b>	With 'Master' label code, the number of packaging units must be 1.	9321
<b>V008</b>	With 'Simplified' or 'Single' label code, both the number of packaging units and the filling quality must be greater than 0.	9321



## Applicable codes

Code	Name/description	Code list
<b>V009</b>	No sub-parcels with label ID 'Master'.	9321
<b>V010</b>	With 'Master'/'Mixed load' label code, sub-parcels must be specified with filling quantity.	9321
<b>V011</b>	Incorrect sequence of load carriers, packaging aids, packaging units.	9321
<b>V012</b>	Error in data interchange identification.	9321
<b>V013</b>	Total invoice amount (SG50.MOA+77) <> total taxable amount + total tax amount + total amount not subject to tax + total amount exempt from tax! Note: This error might be a consequential error, if an inadmissible qualifier has been used for one of the MOA segments (SG50).	9321
<b>V014</b>	Total tax amount incorrect <> total of individual tax amounts (SG52.MOA+124).	9321
<b>V015</b>	Total of item amounts incorrect (SG50.MOA+79) <> total of net amounts of items (SG27.MOA+203).	9321
<b>V016</b>	For deliveries/services that are not subject to or exempt from tax, the tax rate must be 0.	9321
<b>V017</b>	Text regarding specification of preference authorisation missing.	9321
<b>V018</b>	Text regarding tax exemption missing.	9321
<b>V019</b>	Totals for individual tax rates missing (SG52); these must be transferred, if the invoice contains amounts subject to different tax rates.	9321
<b>V020</b>	If payment terms are stated, the due date should be specified.	9321
<b>V021</b>	Surcharge/discount: percentage rate or amount missing.	9321
<b>V022</b>	Surcharge/discount: qualification for surcharge missing.	9321
<b>V023</b>	Domestic currency missing.	9321
<b>V024</b>	Payment currency missing.	9321
<b>V025</b>	Invoice amount in domestic currency missing.	9321
<b>V026</b>	Total tax amounts in domestic currency missing.	9321
<b>V027</b>	Invoice amount in payment currency missing.	9321
<b>V028</b>	Information regarding exchange rate (invoice currency <-> domestic currency) missing.	9321
<b>V029</b>	Information regarding exchange rate (invoice currency <-> payment currency) missing.	9321
<b>V030</b>	Validity date of exchange rate missing.	9321
<b>V031</b>	Total section contains tax rate and tax amounts that do not appear in item section.	9321
<b>V032</b>	Tax amount calculated incorrectly <> taxable amount * tax rate.	9321
<b>V033</b>	Mandatory information text missing (e.g. managing directors, supervisory board).	9321
<b>V034</b>	Preference authorisation text missing (required if there are preferential items).	9321
<b>V035</b>	Text 'Credit note' (or 'Self-billing invoice') missing.	9321
<b>V036</b>	Documents referenced in INVOIC as enclosures not contained in envelope (for use of INVOIC according to VDA 4983).	9321
<b>V037</b>	Inadmissible document format of enclosure (for use of INVOIC according to VDA 4983).	9321
<b>V800-V899</b>	Reserved for company unique codes	9321
<b>V999</b>	Plausibility error. Detailed error description in adjacent FTX segment.	9321