Self Billing Invoice VDA4908
for Magna Steyr Graz

N10081-8

Standard

Supersedes Edition 09.2007

Purpose

This standard describes the specifications of Magna Steyr Graz for supplier concerning the usage of → VDA4908 Self Billing Invoice

Author: W. Allmer

Index

1 Message Definition

1.1 Principles

The self-billing invoice intends to:

- fast transfer of self-billing information to the supplier.
- define the aspects that guarantee synchronization between Magna Steyr Graz (MSG) and the supplier.
- provide information allowing the supplier the automatic processing of the accounting data.

1.2 References

The self-billing invoice is based on:

- the message structure as defined by VDA for the self-billing invoice message → VDA4908.
- the message structure defined by MSG and described in this document follows as close as possible the structure of VDA messages.
- the agreement between the trading partner on the data elements to be used, their unique definition, their representation and their values (coded or clear form) as identified in this documents.

1.3 Field of Application

The following definition of a self-billing invoice in VDA format is applicable for the interchange of self-billing invoice information based on the goods receipt previously posted, booked return shipments and corrections of the goods receipt bookings issued by MSG.

MSG uses the electronic communication of the self-billing invoice only for the deliveries of series material and spare parts.

The application of retroactive price changes in the VDA format is planned at a later date.

The → VDA4908 self-billing invoice process requires for every transmission the exchange of an additional summary sheet in parallel to the electronic transmission via an EDI protocol. MSG generates this digitally signed PDF summary sheet on the basis of the → VDA4908 data by an java program. The summary sheet then is either sent via Email to the supplier or is avilable for download on the MSG-IT B2B supplier portal.

2 Message Description

Following pages contain a full description of the → VDA4908 message as implemented by MSG. The VDA segment description is complemented with remarks pertaining to the specific require- ments for an interchange with MSG. Those remarks contain specific code values used, additional information on the values shown in a specific field, etc. The aim of those remarks is to simplify the implementation of the message.

2.1 Segment Table

The following table shows all record-types as defined in the → VDA4908 message. **Shaded areas identify the record-types that are not used in the definition of → VDA4908 used by MSG.** This table should be read in conjunction with the branching diagram.

Record-Type	Content	Status	Occurrence
821	Interchange header	M	1
822	Non-recurring data of the self-billing invoice	M	R
823	Non-recurring data of the delivery note	M	R
824	data element of the delivery note item	M	R
825	Item-related surchages/deductions	C	R
826	Supplementary item of an retroactive price change note	C	R
827	National requirements	C	1
828	Non-recurring data of the self-billing invoice	C	1
829	Interchange trailer	M	1

Version: 5
Print date

Uncontrolled copy when printed
Status

4 | 20
Functional Responsibility

28.01.2016 07:56:30

Actual

WOLFGANG ALLMER

2.2   Branching Diagram

The branching diagram shows the structure of the message. It is a combination of record-types that are organized in a certain hierarchical order. Only segments of the message that are used by MSG are shown in the following branching diagram.

Version: 5
Print date

Uncontrolled copy when printed
Status

5 | 20
Functional Responsibility

28.01.2016 07:56:30

Actual

WOLFGANG ALLMER
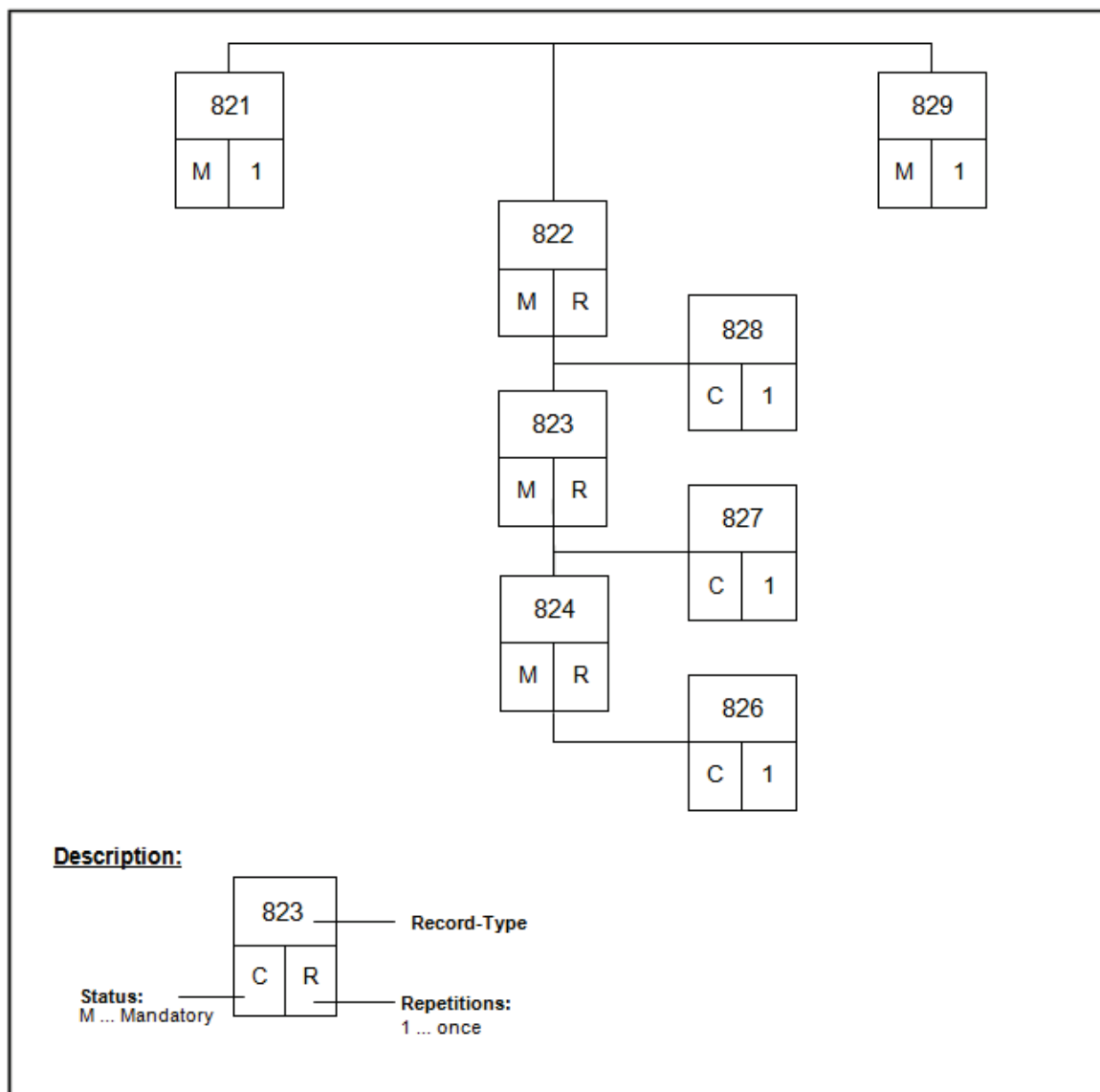
2.3 Message Structure

The message structure illustrates how the segments can be repeated in a → VDA4908 transmission to accommodate the requirements defined by MSG.

821				Interchange header
	822			Non-recurring data of the self-billing invoice
		823		Non-recurring data of the delivery note
			824	data element of the delivery note item
			824	data element of the delivery note item
		827		National requirements
	828			Non-recurring data of the self-billing invoice
	822			Non-recurring data of the self-billing invoice
		823		Non-recurring data of the delivery note
			824	data element of the delivery note item
		827		National requirements
	828			Non-recurring data of the self-billing invoice
	822			Non-recurring data of the self-billing invoice
		823		Non-recurring data of the delivery note
			824	data element of the delivery note item
			826	data element for retroactive price changes
			824	data element of the delivery note item
			826	data element for retroactive price changes
			824	data element of the delivery note item
			826	data element for retroactive price changes
			824	data element of the delivery note item
			826	data element for retroactive price changes
		827		National requirements
	828			Non-recurring data of the self-billing invoice
829				Interchange trailer

Version: 5
Print date

28.01.2016 07:56:30

Uncontrolled copy when printed
Status

Actual

6 | 20
Functional Responsibility

WOLFGANG ALLMER

3 Record-Type Description

The appearance resp. layout of the following record type description is based and leaned on the VDA-description to simplify the reading of this document.

Following remarks are valid for all of the further described record-types:

- Fields not used by MSG are grey shaded.
- Numeric-fields have to be right-aligned with preceding zeros. These fields do not contain decimals unless otherwise specified in the field-explanation.
- Alphanumeric-fields have to be left-aligned unless otherwise specified in the field-explanation.
- Column "VDA M/C" shows the information if a data-field is mandatory ("M") or conditional ("C") defined in the → VDA4908 description.
- Column "MSG M/C" shows the information if a data-field is mandatory ("M") or conditional ("C") for the usage with MSG. If a field is handled different to the VDA-standard the content is shown bold.
- Column "Feature" defines possible content of a data-field.

3.1 Record Type 821

Record Types	No.	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
821	01	Record type	M	M	3	N	1-3	821	
	02	Version	M	M	2	N	4-5	04	
	03	Customer number	M	M	9	A	6-14		Will be communicated to MSG by the supplier
	04	Supplier number	M	M	9	A	15-23		Will be communicated to the supplier by MSG
	05	Transmission number old	M	M	5	N	24-28		Description, see transmission number new
	06	Transmission number new	M	M	5	N	29-33		The data-creator assigns a transmission-number to each application-type (e.g.: call-off, dispatch-advice,…). It is not allowed to use the entry "00000". Data-creator and -receiver keep this number for each application-type up to the next transfer of this special field. As the data-creator states the transmission-number of the preceding interchange within this special field in addition to the transfer-tumber-new, the receiver can check the completeness of the transmissions per application-type. Therefore, no uninterrupted ascending order is necessary.
	07	Transmission date	M	M	6	N	34-39		Format: YYMMDD
	08	VAT registration number recipient	C	C	20	A	40-59		Mandatory field within the EU member states. Number of the national fiscal authority for the recipient
	09	VAT registration number sender	C	C	20	A	60-79		Required by MSG: No. of the national fiscal authority for the sender. Deliveries at works Graz: ATU48193306 Deliveries at works Germany: DE112144500
	10	Comp.Reg.No.	C	C	25	A	80-104		
	11	Empty	M	M	24	A	105-113	Blanks	
	12	Vat number	C	C	15	A	114-128		Will only be used with german suppliers

3.2 Record Type 822

Record Types	No.	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
822	01	Record type	M	M	3	N	1-3	822	
	02	Version number	M	M	2	N	4-5	03	
	03	Self-billing invoice number	M	M	8	A	6-13		
	04	Self-billing invoice date	M	M	6	N	14-19		
	05	Due date	M	M	6	N	20-25		
	06	Surcharges / deductions	C	C	13 (11,2)	N	26-38		Total of all the surcharges / deductions for the self-billing invoice
	07	Signe code	M	M	1	N	39		See list of codes
	08	Total cash discount amount	M	M	13 (11,2)	N	40-52		Total of all cash discounts for the self-billing invoice
	09	Total VAT amount	M	M	13 (11,2)	N	53-65		Total of all VAT amounts for the self-billing invoice
	10	Total self-billing invoice (not cash-discounted)	M	M	13 (11,2)	N	66-78		Total of the overall prices for all self-billing invoice items
	11	Signe code	M	M	1	N	79		See list of codes
	12	Currency	M	M	3	A	80-82		See list of codes
	13	Consignment identification	C	C	14	A	83-96		
	14	Self-billing invoice code	M	M	1	N	97		See list of codes
	15	Country code	C	C	2	N	98-99		
	16	Creditor booking No.	C	C	8	N	100-107		
	17	Empty	M	M	21	A	108-128	Blanks	

Note:
The MSG accounting system allocates one self-billing invoice number for each delivery note of the supplier. The Exception is self-billing invoices for retroactive price changes.

Version: 5
Print date

Uncontrolled copy when printed
Status

9 | 20
Functional Responsibility

28.01.2016 07:56:30

Actual

WOLFGANG ALLMER

3.3 Record Type 823

Record Types	No.	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
823	01	Record type	M	M	3	N	1-3	823	
	02	Version number	M	M	2	N	4-5	03	
	03	Delivery note number	M	M	8	N	6-13		Identity number assigned to a delivery note by the supplier
	04	Plant customer	M	M	3	N	14-16		MSG Plant receiving the delivery
	05	Dispatch date	M	M	6	N	17-22		
	06	Total of surcharges / deductions	C	C	13 (11,2)	N	23-35		Total of all the surcharges / deductions for the delivery note
	07	Signe code	M	M	1	N	36		See List of Codes
	08	Cash discount amount	M	M	13 (11,2)	N	37-49		Total of all the cash discounts for the delivery note
	09	VAT amount	M	M	13 (11,2)	N	50-62		Total of all VAT amounts for the delivery note
	10	Delivery note total (not cash discounted)	M	M	13 (11,2)	N	63-75		Total of the overall prices for all delivery note items
	11	Signe code	M	M	1	N	76		See List of Codes
	12	Contractual purchase order number	C	C	12	N	77-88		Identity number MSG assigns to a purchase order; will be transmitted to the supplier in the delivery call-off
	13	Point of unloading	C	C	5	N	89-93		
	14	Number of entry, unloading	C	C	8	N	94-101		MSG uses this field for internal purposes
	15	Date of receipt of goods	C	C	6	N	102-107		
	16	Contact, customer	C	C	15	N	108-122		Name of the competent MSG Expediter
	17	Empty	M	M	60	N	123-128	Blanks	

Version: 5
Print date

28.01.2016 07:56:30

Uncontrolled copy when printed
Status

Actual

10 | 20
Functional Responsibility

WOLFGANG ALLMER

3.4 Record Type 824

Record Types	No.	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
824	01	Record type	M	M	3	N	1-3	824	
	02	Version number	M	M	2	N	4-5	03	
	03	Transaction code	M	M	2	N	6-7		See list of codes
	04	Ref. No. customer	M	M	22	A	8-29		Corresponds to the customer part number transmitted in VDA4913 (Record Type 714, Position 03)
	05	Delivery quantity	M	M	13 (10,3)	N	30-42		Quantity received in the MSG System
	06	Unit of quantity	M	M	3	A	43-45		See list of codes
	07	Price unit	M	M	2	N	46-47		See list of codes
	08	Unit price	M	M	13 (11,2)	N	48-60		Net price acc. to price unit 824/05 without turnover tax, including surcharge / deduction. In case of SBI Code = 1: difference between unit price new and unit price old
	09	Total price including surcharges / deductions	M	M	13 (11,2)	N	61-73		In case of SBI Code = 0: Product of delivery quantity from 824/05 and unit price from 824/08 plus surcharge / deduction from 825/04 without turnover tax. In case of SBI Code = 1: Product of delivery quantity from 824/05 and differential amount from 826/06
	10	Signe code	M	M	1	N	74		See list of codes
	11	Cash discount percentage	C	C	3 (1,2)	N	75-77		
	12	Cash discount amount	C	C	13 (11,2)	N	78-90		Product from total price 824/09 and percentage of discounts 824/11 / 100
	13	VAT rate	M	M	4 (2,2)	N	91-94		
	14	VAT amount	M	M	13 (11,2)	N	95-107		Product from total price 824/09 and turnover tax rate 824/13 / 100
	15	Test report No. customer	C	C	14	A	108-121		
	16	Empty	M	M	7	A	122-128	Blanks	

Version: 5
Print date

Uncontrolled copy when printed
Status

11 | 20
Functional Responsibility

28.01.2016 07:56:30

Actual

WOLFGANG ALLMER

3.5   Record Type 826

Record Types	No.	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
826	01	Record type	M	M	3	N	1-3	826	
	02	Version number	M	M	2	N	4-5	03	
	03	Price unit	M	M	2	N	6-7		See List of Codes
	04	New price	M	M	13 (11,2)	N	8-20		Net price acc. to price unit 824/05 without turnover tax
	05	Guilty date	M	M	6	N	21-26		Guilty date of the new price
	06	Total difference amount	M	M	13 (11,2)	N	27-39		difference between unit price new and unit price old
	07	Signe code	M	M	1	N	40		See List of Codes
	09	Empty	M	M	88	A	41-128	Blanks	

Version: 5
Print date

Uncontrolled copy when printed
Status

12 | 20
Functional Responsibility

28.01.2016 07:56:30   Actual   WOLFGANG ALLMER

3.6 Record Type 827

Record Types	No.	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
827	01	Record type	M	M	3	N	1-3	827	
	02	Version number	M	M	2	N	4-5	03	
	03	Text	M	M	40	A	6-45		See A.)
	04	Text	M	M	40	A	46-85		See B.)
	05	Text	M	M	40	A	86-125		
	06	Empty	M	M	3	A	126-128	Blanks	

A.) Text 1 National requirements for French suppliers:

This field contains a string, which handles the national requirements for French suppliers

Example: exempt from VAT – art 262 Ter 1 du CGI

B.) Text 2 – Further information about return shipment of goods:

This field contains 5 additive sub fields about return shipment of goods

Name	Type	Length	from - to	Description
Return shipment delivery note No.	Â	8	1-8	
Return shipment date	A	6	9-14	Format: YYMMDD
Reason code of the return shipment	A	3	15-17	
Originally delivery quantity	N	13 (10,3)	18-30	
Originally self-billing invoice No.	A	8	31-38	
Empty	A	2	39-40	

valid reason codes of return shipments:
      000 = damaged
      010 = correction stock receipt

Example: 0012345604120100000000000100052001234

3.7   Record Type 828

Record Types	No.	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
828	01	Record type	M	M	3	N	1-3	828	
	02	Version number	M	M	2	N	4-5	03	
	03	Currency	M	M	3	A	6-8		See List of Codes
	04	Exchange rate	C	C	17 (6,11)	N	9-25		
	05	Exchange rate date	C	C	6	N	26-31		
	06	Total self-billing invoice total including VAT	M	M	13 (11,2)	N	32-44		Total of the overall prices of all self-billing invoice items of the dispatch and packaging costs not including VAT. Like 822/10 but in the currency acc. to 828/03
	07	Total self-billing invoice total not including VAT	M	M	13 (11,2)	N	45-57		Total of the overall prices of all self-billing invoice items of the dispatch and packaging costs not including VAT. In the currency acc. to 828/03
	08	Total VAT amount	M	M	13 (11,2)	N	58-70		Total of all VAT amounts for the self-billing invoice. Like 822/10 but in the currency acc. to 828/03
	09	Empty	M	M	58	A	71-128	Blanks	

Version: 5
Print date

28.01.2016 07:56:30

Uncontrolled copy when printed
Status

Actual

14 | 20
Functional Responsibility

WOLFGANG ALLMER

3.8 Record Type 829

Record Types	No.	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
829	01	Record type	M	M	3	N	1-3	829	
	02	Version number	M	M	2	N	4-5	03	
	03	Counter record type 821	M	M	7	N	6-12		
	04	Counter record type 822	M	M	7	N	13-19		
	05	Counter record type 823	M	M	7	N	20-26		
	06	Counter record type 824	M	M	7	N	27-33		
	07	Counter record type 825	M	M	7	N	34-40		
	08	Counter record type 826	M	M	7	N	41-47		
	09	Counter record type 827	M	M	7	N	48-54		
	10	Counter record type 829	M	M	7	N	55-61		
	11	Counter record type 828	M	M	7	N	62-68		
	12	Total VAT amount	M	M	13 (11,2)	N	69-81		Total of all VAT amounts of the transmitted Record Type 822
	13	Total payment total (not cash discounted)	M	M	13 (11,2)	N	82-94		Total of all the final values of delivery notes, including VAT
	14	Signe code	M	M	1	N	95		See List of Codes
	15	Mode of payment	C	C	1	N	96	2	See List of Codes
	16	Empty	M	M	32	A	97-128	Blanks	

Version: 5
Print date

28.01.2016 07:56:30

Uncontrolled copy when printed
Status

Actual

15 | 20
Functional Responsibility

WOLFGANG ALLMER

List of codes

Item	Code	Contents of Code	in the Record Type
01	Signe Code		822 / Item. 07 822 / Item. 11 823 / Item. 07 823 / Item. 11 824 / Item. 10 825 / Item. 05 826 / Item. 07
		1 = positive 2 = negative	
02	Currency, ISO 4217/1978		822 / Item. 12
		e.g. EUR = Euro USD = US Dollar GBP = British Pounds	
03	Self-Billing Invoice Type Code		822 / Item 14
		0 = Self-billing invoice 1 = Retroactive price change note 2 = Non-evaluated stock receipt	
04	Booking Code		824 / Item 03
		01 = Stock receipt 02 = Correction stock receipt 03 = Return shipment 04 = Consignment material 05 = Damage in transit 99 = Other	
05	Unit of Quantity, DIN 16559/ISO 7372		824 / Item 06
		e.g. PCE = Piece KGM = Kilogramm MTR = Metre	
06	Price Unit		824 / Item 07 826 / Item 03
		01 = for 1 unit 02 = for 100 units 03 = for 1000 units 99 = for the stated amount	

Version: 5
Print date

Uncontrolled copy when printed
Status

16 | 20
Functional Responsibility

28.01.2016 07:56:30

Actual

WOLFGANG ALLMER

Item	Code	Contents of Code	in the Record Type
07	Surcharge / deduction code		825 / Item 03
		01 = Packaging 02 = Freight 03 = Material price-increase supplement 99 = Other	
08	Mode of Payment		829 / Item 14
		e.g. BE = Belgium 2 = Bank transfer 3 = Bill of exchange 4 = Cheque/bill of exchange 5 = Accounts receivable accounting 6 = Electronic banking	
09	Country Code, ISO 4217/1978		822 / Item 15
		DE = Germany FR = France	

Version: 5
Print date

Uncontrolled copy when printed
Status

17 | 20
Functional Responsibility

28.01.2016 07:56:30

Actual

WOLFGANG ALLMER

4 Central Contacts

Company Address	**MAGNA STEYR**
	Fahrzeugtechnik AG & Co KG
	Liebenauer Hauptstraße 317
	A-8041 Graz
Self Billing Hotline	Phone: +43 664 8840 8894
	e-mail: selfbilling.msfgraz.magnasteyr@magna.com
EDI Support	e-mail: edi.support@magna.com

5 Examples of message

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

To make the reading of the message-examples easier following modifications have been done on the further shown examples:

- a line-break has been inserted after each 128 characters
- each Blank has been replaced by a full-stop (".")

These modifications will not be the case if the message is normally transmitted.

5.1 Example 1 – standard self-billing invoice

```
82104112233    987654      0000000001041201ATU48193306        DE123456789
82203523591751511041512250000000000001000000000000000000000000000000003571701EUR              0DE00000000
82303003757855THO1511060000000000000100000000000000000000000000000035717011372094              01291718151106SelfBilling-Hot
824030187789109          0000000210000PCE0100000000001210000000254101000000000000000000000000000000000
82403015550209           0000000572000PCE0100000000002900000000165880100000000000000000000000000000000
82403015550210           0000000572000PCE0100000000002900000000165880100000000000000000000000000000000
82803EUR0000000000000000000000000000000035717000000003571700000000000000
82203523591761511041512250000000000001000000000000000000000000000000002714401EUR              0DE00000000
82303003757855THO1511060000000000000100000000000000000000000000000027144011817427              01291719151106SelfBilling-Hot
82403015553414           0000000572000PCE0100000000003480000000199056100000000000000000000000000000000
82403015553413           0000000208000PCE0100000000003480000000723841000000000000000000000000000000000
82803EUR0000000000000000000000000000000027144000000002714400000000000000
82203523591771511041512250000000000001000000000000000000000000000000006816001EUR              0DE00000000
82303003762966THO1511060000000000000100000000000000000000000000000068160011625326              01291720151106SelfBilling-Hot
82403015289851           0000001800000PCE0100000000003200000000576001000000000000000000000000000000000
82403018778908           0000000260000PCE0100000000002400000000624000100000000000000000000000000000000
82803EUR0000000000000000000000000000000068160000000006816000000000000000
82203523591781511041512250000000000001000000000000000000000000000000002643841EUR              0DE00000000
82303003762977THO1511060000000000000100000000000000000000000000000026438411562223              01291721151106SelfBilling-Hot
82403017017404           0000000864000PCE0100000000003060000002643841000000000000000000000000000000000
82803EUR0000000000000000000000000000000026438400000002643840000000000000
829030000001000000400000040000008000000000000000000000000000010000040000000000000000000000157459410
```

5.2 Example 2 – self-billing invoice debit note cause of return shipments

```
82104112233    987654      0000100002151202ATU48193306        DE123456789
82203523550811509031510250000000000001000000000000000000000000000000000069602EUR              0DE00000000
82303003572799THO1509030000000000000100000000000000000000000000000000696021817427              01282358151105SelfBilling-Hot
82403035553413           0000000020000PCE0100000000003480000000069602000000000000000000000000000000000
82703 00123344041130000000000001000052001122
82803EUR0000000000000000000000000000000000696000000000069600000000000000
82203523550821509051510250000000000001000000000000000000000000000000000027842EUR              0DE00000000
82303003585011THO1509050000000000000100000000000000000000000000000000278421817428 01282359151105SelfBilling-Hot
82403035553414           0000000008000PCE0100000000003480000000027842000000000000000000000000000000000
82703 00123345041130000000000002000052001123
82803EUR0000000000000000000000000000000000278400000000027840000000000000
82203523550831509061510250000000000001000000000000000000000000000000000208802EUR              0DE00000000
82303003590466THO1509060000000000000100000000000000000000000000000020880021817427              01282360151105SelfBilling-Hot
82403035553413           0000000060000PCE0100000000003480000000208802000000000000000000000000000000000
82703                               00123346151130000000000003000052001124
82803EUR0000000000000000000000000000000020880000000000208800000000000000
829030000001000000300000030000003000000000000000000000000010000030000000000000000000000003062420
```

5.3   Example 3 – self-billing invoice credit note cause of a retroactive price change

```
82104112233   987654    0000000001051006ATU48193306        DE123456789
822035238006415100615112500000000000001000000000000000000000000000000190211EUR              1DE00000000
8230300338640THO150925000000000000010000000000000000000000000000006198150052052        11237911150925SelfBilling-Hot
824030112802918           0000000029000PCE0100000000002140000000061981000000000000000000000000000000000
826030100000000078740409010000000000002141
8230300338995THO151004000000000000010000000000000000000000000000012823150052052        11237911151004SelfBilling-Hot
824030112802918           0000000060000PCE0100000000002140000000128231000000000000000000000000000000000
826030100000000078741509010000000000002141
82803EUR0000000000000000000000000000000190210000000001902100000000000000
82903000000010000001000000200000020000000000000020000000000000010000001000000000000000000001902110
```

6   Revisions since previous version

Complete revision

7   List of abbreviations

Abbreviation   Description