EDI Documentation

Credit Memos
(BSH Version 3)

Credit Note / Debit Note

EDIFACT INVOIC 91.1

Valid at: February 2015

BSH Hausgeräte GmbH

1. Basics of electronic credit memo data interchange

1.1. Introduction
The credit memo structure used by BSH factories is a subset of the white goods industry standard known as EDIFACT INVOIC, directory 91.1.

Credit note messages are identified by the INVOIC message type in the UNH segment and by the identifier "381" in the BGM segment. Debit notes use identifier "383".

The structure of the credit/debit note is simple. It contains a reference to the delivery note.

Currently, the structure is used only for scheduling agreements and not for standard purchase orders.

What is the significance of an EDI credit memo?
It is not a credit memo for an invoice already submitted but instead replaces the invoice. This gives rise to the following process flow in the factories.

When materials are delivered, goods receipt is recorded for the materials together with the data on the delivery notes, or this information is imported via EDI. Normally, a goods receipt is posted for each item on the delivery note, i.e. for each material delivered. An invoice is generated automatically for each goods receipt posting and is transferred to the vendor as a credit memo. The structure of the credit memo is derived from this process.

Since "BSH Version 3" we mark a "debit note" for returns, cancellation, etc. with qualifier "383" in the BGM segment. Amounts are unsigned.

A file can contain credit notes and debit notes.

1.2. Structure and content of the credit memo

Structure

An EDI message, starting with a UNH segment, contains a credit/debit memo with a single item. An EDI transfer, starting with UNA/UNB segments, may contain several messages (credit/debit memos).

Example:
1. Five goods receipts are posted for a delivery note with five items.
2. Five credit memos are generated from the five goods receipts, each with reference to the delivery note.
3. The credit memos are transferred to the vendor via EDI in one or more files. This depends on the kind of processing involved in the previous steps. If, for example, one goods receipt could not be posted correctly, correction is necessary. As a result, four credit memos are generated successfully and transferred via EDI and the fifth credit memo is sent later.
4. At the vendor end, the credit memos are checked against the "open items" and then processed as necessary.

Credit memo number

The credit memo number is unique at each factory site. The number is not consecutive for vendors!

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Delivery note

A credit memo refers to a delivery note.
The delivery note number was either entered on goods receipt or sent via EDI together with the shipping notification (delivery note data).

Material number (BSH article number)

The material number is transferred for each individual item.

Scheduling agreement number (BSH purchase order number)

The scheduling agreement number is included in each item. It refers to our "purchase order" (delivery schedule/outline agreement).

Tax number

Since July 2002, it is mandatory to include the tax number on invoices. It must also be included on credit memos. Vendors must inform BSH of their tax number before data interchange first commences so that BSH is able to include the appropriate tax number in EDI transfer to vendors.

Terms of payment, surcharges and discounts, cash discounts, etc.

The terms of payment are an integral part of the outline agreement and are therefore not transferred together with the EDI credit memo.

Credit memos are for blanket amounts. Cash discounts, special items such as freight, shipping, packing, etc. are ignored.

Credit memo totals (amounts and tax information)

The gross final amount and net final amount of the credit memo are transferred. These amounts are identical for vendors outside Germany because credit memos do not include value-added tax.

1.6. Revisions

May 2012:   Since "BSH Version 3.0" we send correct "debit notes".
The identification is done in the BGM segment with qualifier "383",
the amounts are unsigned.
The identificaton of a credit memo is still qualifier "381" in BGM segment.

Until version 3 we sent debits as a "credit note with negative amounts". The
qualifier was "381" too but the amounts were reported with a minus sign.

Example of a **new** debit note:

```
...
UNH+00000011000001+INVOIC:2:911:UN:WGI001'
BGM+383+5109454304'
...
QTY+47:48:PCE'
MOA+203:169.29'
PRI+CAL:352.7::INV:100:PCE'
RFF+BO:5530040999'
TAX+7+VAT+++:::19.00'
UNS+D'
MOA+79:169.29'
MOA+77:201.46'
TAX+7+VAT+++:::19.00'
MOA+168:32.17'
UNT+24+00000011000001'
...
```

Example of an **old** debit note:

```
...
UNH+00000010000001+INVOIC:2:911:UN:WGI001'
BGM+381+5109454304'
...
QTY+47:48:PCE'
MOA+203:-169.29'
PRI+CAL:352.7::INV:100:PCE'
RFF+BO:5530040999'
TAX+7+VAT+++:::19.00'
UNS+D'
MOA+79:-169.29'
MOA+77:-201.46'
TAX+7+VAT+++:::19.00'
MOA+168:-32.17'
UNT+24+00000010000001'
...
```

Chapter 1.3. "Legal requirements" was canceled because the duty has been
abolished. Since 2009 an additional paper is not needed any more.

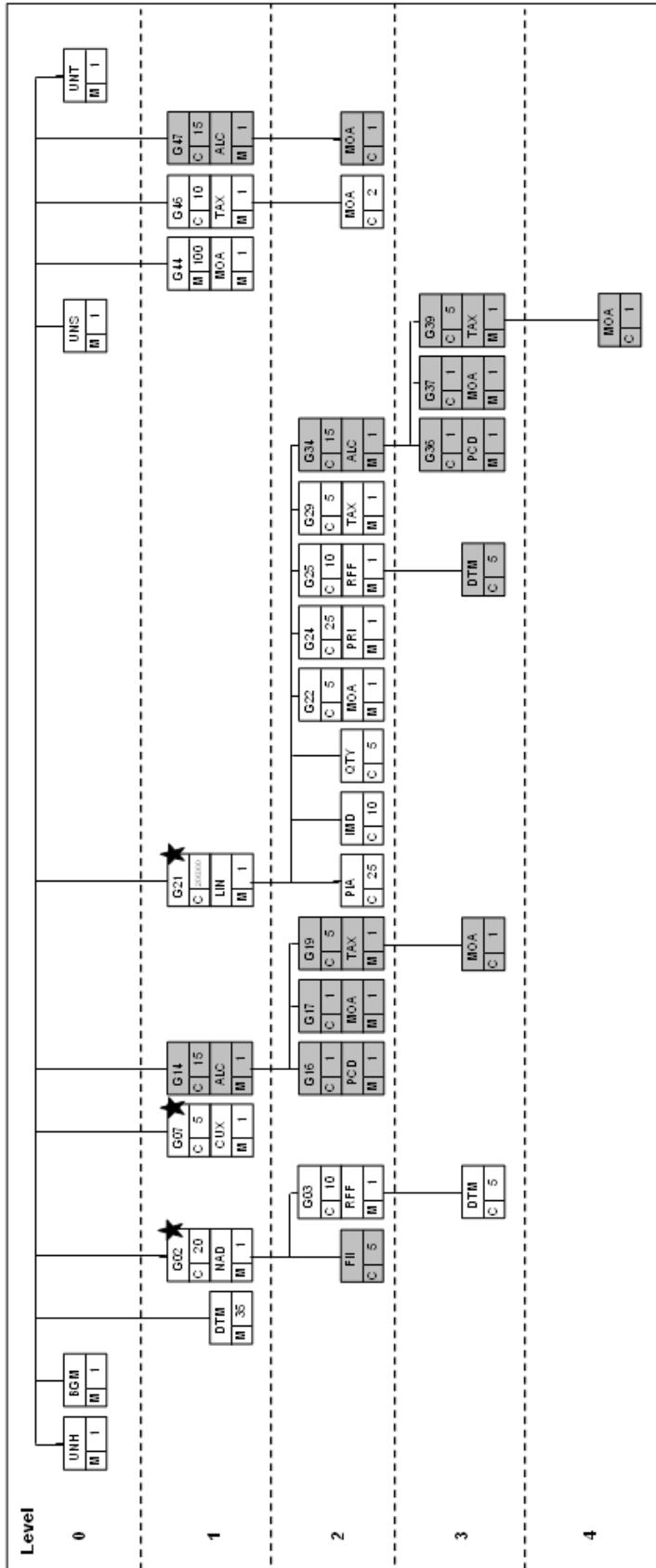Chapter 1.5. "Test procedure" was deleted.

July 2002:   Vendor tax number included in segment RFF+FC due to new legislation.
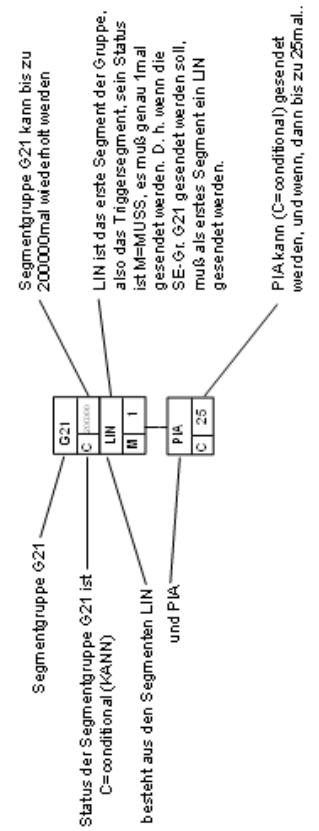
February 2015:

       - Changed company name to "BSH Hausgeräte GmbH"
       - Changed WebEDI system name from BISS (BISS4) to BSH-FX

2. Selection of segments used

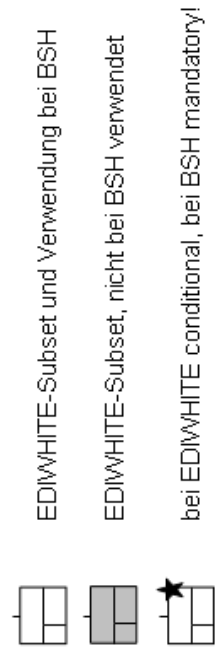Auszug verwendeter Segmente aus dem Branching Diagramm INVOIC 91.1 (EDIWHITE)

Lesehilfe Branching Diagramm

Erläuterung:

EDIWHITE-Subset und Verwendung bei BSH

EDIWHITE-Subset, nicht bei BSH verwendet

bei EDIWHITE conditional, bei BSH mandatory!

3. Message structure (overview and usage at BSH)

				Segment		Mandatory/Conditional	
						Group:	Segment:
				UNH	Message header segment	M	
				BGM	Start of message, credit memo number	M	
				DTM	Credit memo data	M	
⌐G02				NAD	Seller, vendor number at BSH	M	M
│	G03			RFF	VAT identification number of vendor	C	M
└G02	G03			RFF	Tax number of vendor	C	M
⌐G02				NAD	Buyer, customer number at vendor	M	M
│	G03			RFF	VAT identification number of BSH factory	C	M
│	⌐G03			RFF	Reference number, delivery note	C	M
└G02	└G03			DTM	Date of delivery note	C	C
G07				CUX	Currency information	C	M
⌐G21				LIN	Item data, material number at BSH	M	M
│				PIA	Material number at vendor		C
│				IMD	Article description		C
│				QTY	Quantity from goods receipt		C
│	G22			MOA	Monetary amount, net	C	M
│	G24			PRI	Price information, net price	C	M
│	G25			RFF	Purchase order number at BSH	C	M
└G21	G29	G39		TAX	Tax information	C	M
				UNS	Section control segment		M
G44				MOA	Total amount of all items, net	M	M
G44				MOA	Total amount of all items, gross	M	M
⌐G46				TAX	Tax information	C	M
└G46				MOA	Tax amount for all items		C
				UNT	Message end segment	M	

4. Sample credit memo

```
UNA:+.? '
UNB+UNOC:3+BSHGHWG+PARTNER4711+020729:1305+91'
UNH+00000091000001+INVOIC:2:911:UN:WGI002'
BGM+381+0000024241'
DTM+137:20020725:102'
NAD+SE+0000045374::92'
RFF+VA:DE0000045678'
RFF+FC:64522/44445'
NAD+BY+833075::91'
RFF+VA:DE0000123456'
RFF+AAU:LFSCHEIN5'
DTM+171:20020725:102'
CUX+2:EUR'
LIN+++5600042857'
IMD+++-1::92:Platine mit Griff und Lack'
QTY+47:1000:PCE'
MOA+203:683.9'
PRI+CAL:68.39::INV:100:PCE'
RFF+BO:550001950010'
TAX+7+VAT+++:::16.00'
UNS+D'
MOA+79:683.9'
MOA+77:793.32'
TAX+7+VAT+++:::16.00'
MOA+168:109.42'
UNT+24+00000091000001'
UNZ+1+91'
```

5. Segment documentation

See German version.