

## **VentaPro CASHRSP File Format**

20-jan-2018/gc V34: Trading dates in \$NOSALE, \$ATTENDANCE, \$DEPOSIT, \$AGEVERIFY  
V34 includes reason code and text for \$NOSALE

12-dec-2017/gc Correction V32: MMACTIONS\_BREAKDOWN are by default not selected  
11-dec-2017/gc V33 \$MMDISC (promo #), \$DEPOSIT, \$PAYM (VAT credits)  
30-oct-2017/gc V32 new \$MMDISC for mix-match analysis  
15-sep-2017/gc V31 surplus in \$PAYM  
01-sep-2017/gc V30 extra empty field 15 in \$TRAN removed  
21-aug-2017/gc V29 \$TRAN, \$VTRN, \$WAST with reverse indicator  
04-apr-2017/gc V28 \$ITEM, \$PAYM with VATable (promo)  
30-mar-2017/gc V28 \$ITEM, \$PAYM with till number  
13-mar-2017/gc V28 changes \$IDISC \$PDISC (if PROMORULES2017)  
14-dec-2016/gc V27 Paid in/out on \$TRAN line  
10-nov-2016/gc V26 extension for Reasons with void trans, vip, wastage, promos  
18-oct-2016/gc V25 Deposit with Booking info  
10-jun-2016/gc V24 with email address in \$TRAN  
14-apr-2016/gc V23 Trading date with \$TRAN, \$VTRN  
24-nov-2015/gc V22 \$ITEM with Wastage Void  
02-jul-2014/gc \$ITEM with product type and Loyalty Top-up type; doc payment method types;  
application type \$APPL  
13-jun-2014/gc V20 optional descriptions  
11-jun-2014/gc Canteen App changes \$ITEM, \$PAYM (no new version)  
11-feb-2014/gc V19 extensions for voids and reasons (\$ITEM, \$VDDISC)  
20-Jan-2014/gc extended filename option  
10-dec-2013/gc V18 MM info on \$ITEM line  
01-oct-2013/gc V17 analysis category info (\$SDISC, \$LDISC, \$ITEM, \$IDISC); promo no in \$IDISC  
16-aug-2013/gc Date/time from transaction time end  
18-jun-2013/gc V16 server number on \$ITEM line and \$IDISC line  
17-apr-2013/gc V15 \$SDISC, \$LDISC extra field 'vatable'  
11-mar-2013/gc VAT field in \$ITEM lines is '0' if VAT is not applicable  
03-nov-2012/gc V14 + \$VERSION, \$ITEM, \$PAYM extended for accounts  
17-oct-2012/gc V13 + \$PAIDIO  
06-aug-2012/gc Omit items etc if 'room settlement' transaction  
03-jan-2012/gc Setting to treat loyalty discounts as subtotal discount  
22-sep-2011/gc +Age Verification (AGEVERIFY)  
07-dec-2010/gc \$IDISC contains discount by item (correction)  
18-nov-2010/gc V10 +Wastage  
27-jan-2010/gc Discount values by line in \$ITEM (V9)  
06-aug-2008/gc T&A revised  
04-aug-2008/gc T&A Extra edit fields  
01-aug-2008/gc T&A time format UTC  
28-jul-2008/gc V8 cleaned up  
24-jul-2008/gc Cashrsp Cashrsp V8 proposed with Deposit data  
09-Apr-2008/gc Cashrsp at EOD uses database not S2001.ini  
10-Mar-2008/gc +\$NOSALE, Open transactions at EOD  
24-Oct-2007/gc include EODCashRsp (from doc)  
17-Feb-2007/gc from cashrsp5  
21-Feb-2001/gc

The Cashrsp file contains information for one transaction. The filename is  
*xxxxxxx.ttt*  
where *xxxxxxx* is the transaction number in hex, and *ttt* is the terminal number.

### Option

Filename *xxxxxxxx\_YYYYMMDDHHmmSSss.ttt*  
(*sss* is sequence number starting at 000 within same second)

The file is a comma-delimited text file.

Fields are variable length unless otherwise indicated.

Amounts are in pence.

Quantities may contain a decimal point, e.g. ½ is represented by 0.5

Some fields and lines are only present in Cashrsp version 4 or greater. These are marked with \*

Some fields and lines are only present in Cashrsp version 5 or greater. These are marked with \*<sup>1</sup>

Some fields and lines are only present in Cashrsp version 6 or greater. These are marked with \*<sup>2</sup>

Some fields and lines are only present in Cashrsp version 8 or greater. These are marked with \*<sup>3</sup>

Some fields and lines are only present in Cashrsp version 9 or greater. These are marked with \*<sup>4</sup>

Some fields and lines are only present in Cashrsp version 10 or greater. These are marked with \*<sup>10</sup>

Some fields and lines are only present in Cashrsp version 11 or greater. These are marked with \*<sup>11</sup>

Some fields and lines are only present in Cashrsp version 14 or greater. These are marked with \*<sup>14</sup>

Some fields and lines are only present in Cashrsp version 15 or greater. These are marked with \*<sup>15</sup>

Some fields and lines are only present in Cashrsp version 16 or greater. These are marked with \*<sup>16</sup>

Some fields and lines are only present in Cashrsp version 17 or greater. These are marked with \*<sup>17</sup>

Some fields and lines are only present in Cashrsp version 18 or greater. These are marked with \*<sup>18</sup>

Some fields and lines are only present in Cashrsp version 19 or greater. These are marked with \*<sup>19</sup>

Some fields and lines are only present in Cashrsp version 20 or greater. These are marked with \*<sup>20</sup>

Some fields and lines are only present in Cashrsp version 21 or greater. These are marked with \*<sup>21</sup>

Some fields and lines are only present in Cashrsp version 22 or greater. These are marked with \*<sup>22</sup>

Some fields and lines are only present in Cashrsp version 23 or greater. These are marked with \*<sup>23</sup>

Some fields and lines are only present in Cashrsp version 24 or greater. These are marked with \*<sup>24</sup>

Some fields and lines are only present in Cashrsp version 26 or greater. These are marked with \*<sup>26</sup>

Some fields and lines are only present in Cashrsp version 27 or greater. These are marked with \*<sup>27</sup>

From Version 14, the first line is

\$CASHRSP\_VERSION *nn*

where *nn* is the version (no preceding comma)

From Version 21, the next line is

\$APPL *n*

Where *n* is 1 for standard Sharp POS, or 2 for Sharp POS Canteen Application

The first/next line is a header record:

*\*Note: versions 27-29 have a spurious empty field 15, hence double definitions below for lines 15, 16 and 17*

Field	Content
1	\$TRAN for normal transaction, \$VTRN for voided transaction, \$WAST for wastage <sup>*10</sup>
2	Transaction number <i>tttsssss</i> where <i>ttt</i> is till number, <i>sssss</i> is sequence number
3	Table number
4	Quantity
5	Covers
6	Number of items (including discounts as items)
7	Total transaction value
8	date of transaction (end) DD/MM/YY
9	time of transaction (end) HH:MM:SS
10	Server number
11 <sup>23</sup>	Trading Date DD/MM/YY
12 <sup>24</sup>	Optional email address in single quotes
13 <sup>26</sup>	Reason code for transaction void, otherwise empty
14 <sup>26</sup>	Reason text for transaction void (enclosed in single quotes), otherwise empty
15 <sup>27*</sup>	Empty
15 <sup>30*</sup>	Paid in/out transaction: PI for In, PO for Out, otherwise empty
16 <sup>27*</sup>	Paid in/out transaction: PI for In, PO for Out, otherwise empty
16 <sup>30*</sup>	"R" if a reverse transaction, otherwise "N"
17 <sup>27*</sup>	"R" if a reverse transaction, otherwise "N"
17 <sup>30*</sup>	Empty

This is followed by a line for each payment used to pay off the transaction:

Field	Content
1	\$PAYM
2	Payment method number
3	Payment name
4	Amount tendered
5	Payment amount (less gratuity and surplus)

6	Gratuity Amount – Requires 4.6 Security Release (No Entry if not selected)
7*1	Cashback Amount
8*3	Deposit ID if deposit used for payment (otherwise 0)
9*14	Payment Type ( <i>see below</i> )
10*14	Customer/Room/Deposit ID/Admin No. or 0 according to payment type
11*28	Till number
12*31	Surplus amount (p)
13*33	(Deposit redemption only) VAT Band 'A'-'F' of deposit VAT credit, or ''
14*33	(Deposit redemption only) value of deposit VAT credit

(fields 13, 14 have meaningful values only when DEPOSITVATMODE=1)

Payment types:

0	standard cash
1	cheque
2, 3, 9	EFT
Room postings	4, 5
Loyalty points	6
Currency	7
Deposit	8
Customer Account	10
Issue Credit Note	11 ( <i>refunds only</i> )
Gift Card	12
External App	13 ( <i>mySmartPhoneMoney</i> )
Other	99

If this is a transaction that settles a room-type hotel account there are no further lines (items discounts etc have already been transferred in a Cashrsp file at the time of the room posting.

This is followed by a line for each promotion type with a non-zero subtotal or differ discount:

Field	Content
1	\$SDISC
2	Discount amount
3	Type (M=markdown, D=discount, P=premium)
4	Rate as integer (negative of amount for markdown, otherwise in 1/100 of 1 %)
5*	Promotion number (1..99)
6*15	VATable (0=no, 1=yes)
7*17	Applicable analysis categories, separated by ';' A single 0 means All categories
8*20	Discount description (if selected)

For Cashrsp version 4 or later, there follows a line for each VAT rate with a non-zero subtotal or differ discount:

Field	Content
1*	\$SVDISC
2*	VAT band (as character 'A' - 'F')
3*	Discount amount

This is followed by a line for each promotion type with a non-zero loyalty discount:

Field	Content
1	\$LDISC <sup>†</sup>
2	Discount amount
3	Type (M=markdown, D=discount, P=premium)
4	Rate as integer (negative of amount for markdown, otherwise in 1/100 of 1 %)
5*	Promotion number (1..99)
6*15	VATable (0=no, 1=yes)
7*17	Applicable analysis categories, separated by ';' A single 0 means All categories
8*20	Discount description (if selected)

For Cashrsp version 4 or later, there follows a line for each VAT rate with a non-zero loyalty discount:

Field	Content
1*	\$LVDISC <sup>†</sup>

2*	VAT band (as character 'A' - 'F')
3*	Discount amount

† \$LDISC and \$LVDISC are replaced by \$SDISC and \$SVDISC respectively if S2001.ini contains the setting CASHRSP\_LDISC=0

For Cashrsp Version 12 or later this is followed by a line for each subtotal, loyalty or differ discount which has been voided

Field	Content
1	\$VDDISC
2	Discount amount
3	Type (M=markdown, D=discount, P=premium)
4	Rate as integer (negative of amount for markdown, otherwise in 1/100 of 1 %)
5	Promotion number
6	Usage: 1=Subtotal, 2=Loyalty, 3=Differ
7*19	'A' to mean void-after (otherwise 'B')
8*19	date of void DD/MM/YY
9*19	date of void HH:MM:SS
10*19	Reason code
11*19	Reason text (enclosed in single quotes)
12*20	Discount description (if selected)

This is followed by a line for each sellable item (with a non-zero price) in the transaction. Where an item discount has been applied, a separate item discount line is included.

The item line is:

Field	Content
1	\$ITEM
2	PLU number
3	Department number
4	Quantity
5	Price band
6	Unit selling price (in p)
7	Vat band (as character 'A' - 'F'), or '0' if VAT not applicable
8	'R' if refund, else empty
9	'V' if void, else empty
10*	Group number
11*	Price override flag (0/1)
12*	Unit price from product file
13*1	Actual Sale value of item
14*2	Barcode (if present)
15*3	Deposit ID if this is a deposit type item (otherwise 0)
16*4	Subtotal Discount (p) attributable to this item – only promos 'Total By Item', else 0
17*14	Item type ( <i>see below</i> )
18*14	Customer/Room/Deposit ID/Admin no. or 0 according to item type
19*16	Server number
20*17	Analysis Category
21*18	MixMatch number if MM item, else 0
22*18	MM type or 0
23*19	If void (field 9='V') this will be 'A' to mean void-after (otherwise 'B')
24*19	date of sale or void of item DD/MM/YY
25*19	date of sale or void of item HH:MM:SS
26*19	Reason code (numeric) for VIPs <sup>26</sup> , Voids, Refunds or Promo (else 0)
27*19	Reason text (enclosed in single quotes) for VIPs <sup>26</sup> , Voids, Refunds or Promo (else '')
28*20	Item description (if selected)
29*21	Product type ( <i>see below</i> )
30*22	'W' if wastage void, else empty (can only occur if field 9 is 'V')
31*26	'V' if was a 'VIP' sale
32*26	Reason code (numeric) for Wastage (else 0)
33*26	Reason text (enclosed in single quotes) for Wastage (else '')
34*26	EXPORT_PROMO_AS_PLU value in force for corresponding promo (else '') 1 = \$SDISC/\$LDISC lines not present 2 = \$SDISC/\$LDISC lines have been kept

35*28	Till number
-------	-------------

*Note:*

*Promo reason only if the promo is designated as 'export as PLU' (settings **EXPORT\_PROMO\_AS\_PLU**)*

*Note: if there is more than one Reason present, the single Reason code (26) will be taken from Void, Refund or VIP in that order.*

Item types:

0	normal product
1	Received on customer account
2	reserved (unused)
3	Deposit item
4	Aggregate item (room settlement)
5	Top-up

MixMatch types:

1	Sell item
2	Set selling price (by cost)
3	Apply Promo
4	Cheapest in bucket free
5	Set selling price (by PLU)
6	Give bucket
7	Set selling price (by PLU)
8	Set bucket price

Product Types

0	General
1	Extra
20	Condiment
30	Deposit
31	Information
32	External App Top-Up
33	Loyalty Top-Up
40	Dummy
41	Qualifier
42	Other
43	External System as source
90	System

The item discount line is:

<b>Field</b>	<b>Content</b>
1	\$IDISC
2	PLU number
3	Discount amount
4	Type (M=markdown, D=discount, P=premium)
5	Rate as integer (negative of amount for markdown, otherwise in 1/100 of 1 %)
6*2	Barcode (if present)
7*3	Reserved (0)
8*4	Subtotal Discount (p) attributable to this item – only promos 'Total By Line', else 0
9*16	Server number
10*17	Promotion number
11*17	Analysis Category
12*20	Discount description (if selected)
13*26	Reason code for promo (or 0)
14*26	Reason text for promo (enclosed in single quotes)
15*28	Authorized server number
16*28	Date DD/MM/YY
17*28	Time HH:MM:SS
18*28	Till number

19*28	Applied as – fixed IT
20*28	Cost of PLUs (same as in preceding \$ITEM)
21*28	Quantity of PLUs (same as in preceding \$ITEM)
22*28	VATable promo (1 or 0)

The following \$PDISC lines are only produced when the setting  
PROMORULES2017=1  
is included on the master till

Subtotal promo breakdown line. For each promo applied as a subtotal/loyalty/mix-match to each PLU. Each line corresponds to 1 application of a promo applied to 1 plu.

In other words, when a promo is applied, a \$PLINE is generated for each PLU that contributes to the discount/surcharge.

Note that the discount breakdown is subject to rounding; transaction values are not affected by this breakdown.

Field	Content
1	\$PDISC*28
2	PLU number
3	Promo amount attributable to this PLU from this application of promo This would take into account 'promos on promos' when more than one promo is applied to an item (same or different promo)
4	Type (M=markdown, D=discount, P=premium)
5	Rate as integer (in 1/100 of 1 %); for markdown total markdown value
6	reserved
7	Reserved(0)
8	Reserved(0)
9	Reserved(0)
10	Promotion number
11	Analysis Category
12	Promo description
13	Reason code for promo (or 0)
14	Reason text for promo (enclosed in single quotes)
15	Authorized server number
16	Date DD/MM/YY
17	Time HH:MM:SS
18	Till number
19	Applied as (2 characters) – ST (Subtotal), LO (Loyalty), MM (Mixmatch), DF (differ)
20	Undiscounted cost of PLUs corresponding to this line in p
21	Quantity of PLUs corresponding to this line (max 3 decimal places) If promos on promos are used, this may contain non-integral values! Also non-integral for N-Splits.
22*28	VATable promo (1 or 0)

The following \$MMDISC lines are introduced with CASHRSP V32. They contain discounts from mix-match offers, distributed among the PLUs that contribute to the MM triggers. Each line is total discount for a given MixMatch offer for a given PLU (consolidated, i.e. a specific MixMatch offer and PLU combination can only appear once). Limitations, assumptions and configurability are described in a separate section below.

Field	Content
1	\$MMDISC* <sup>32</sup>
2	PLU number
3	MixMatch number
4	MixMatch Offer description
5	Discount amount attributable to this PLU from this application of MixMatch Offer
6	Quantity of PLUs corresponding to this line (max 3 decimal places)
7	Undiscounted cost of PLUs corresponding to this line in p
8	MixMatch Type 1-8 (see above)
9	For type 3 only (promo) Rate as integer (in 1/100 of 1 %); for markdown total markdown value
10	Analysis Category of PLU
11	VAT Band of PLU
12* <sup>33</sup>	For Mix-Match type 3 (apply promo), the promo number

For Cashrsp version 13 or greater, there are \$PAIDIO lines for each paid-in or -out operation  
*[Note: in the current implementation \$PAIDIO lines are never accompanied by discount or \$ITEM lines, the whole transaction is Paid In-Out only]*

Field	Content
1	\$PAIDIO
2	Till number
3	Direction (0=Out, 1=In)
4	Paid in-out number 1-8
5	Quantity
6	'V' if void, else empty
7	Value (+ve for in, -ve for out)
8* <sup>20</sup>	Paid in/out description (if selected)

### **For CashRsp version 7:**

#### No Sales

A No Sale operation creates a cashrsp file with its own transaction number

Field	Content
1	\$NOSALE
2	Transaction number <i>tttsssss</i> where <i>ttt</i> is till number, <i>sssss</i> is sequence number
3	date DD/MM/YY
4	time HH:MM:SS
5	Server number
6* <sup>34</sup>	Trading Date DD/MM/YY
7* <sup>34</sup>	Reason code for No Sale, otherwise 0
8* <sup>34</sup>	Reason text for No Sale (enclosed in single quotes)

At EOD if External Interfaces/CashRSP/Process EOD is set

Each EOD will create a new exported file  
 EmYYMMDD.nnn  
 where m=1 for first EOD in day, 2=2nd etc.

YYMMDD is date  
nnn is till number.

The file will contain a single line (for Cashrsp version < 7)  
EOD YYYYMMDD HHMMSS  
where YYYYMMDD HHMMSS is the date/time of the EOD (should be same as file creation date/time).

#### **For CashRsp version 7:**

After the EOD line, the data from all open transaction follows, using the same format as in normal trading cashrsp files. The EOD cashrsp file can therefore contain several \$TRAN lines each followed by its \$ITEM lines. Voided items are not included. Note that there will be no voided transactions or payments, as these transactions are still open.

After the last transaction, there follows a single line

Field	Content
1	\$EODEND

#### **For CashRsp version 8**

When a deposit is made, a Deposit CASHRSP file is created.  
The file is called

DPnnnnnnnn.ttt

where nnnnnnnn is the deposit ID (variable length) and ttt is the till number.

Since the deposit data contains free text data, this file is structured somewhat differently to other CASHRSP files.

Line 1:

Field	Content
1	\$DEPOSIT
2	Deposit ID (numeric)
3	date DD/MM/YY
4	time HH:MM:SS
5	Server number
6	Deposit amount (in p)
7*33	VAT Band 'A'-F' corresponding to deposit
8*33	VAT value (p) of deposit
9*34	Trading Date DD/MM/YY

Line 2:

Field	Content
1	\$CUSTNAME

Line 3:

The customer name, max 40 characters (raw, no framing of data)

Line 4:

Field	Content
1	\$CUSTINFO

Line 5-n (n=5,6,7,8):

Additional information, max 4 lines of max 40 characters (raw, no framing of data)

For version 25, and if Booking associated with Deposit

Line n+1:

Field	Content
1	\$BOOKING

Line n+2:

Field	Content
1	dd/mm/yy hh:mm bookingid

All versions:

Line n+1/3:

Field	Content
1	\$DEPOSITEND



Notes:

The Deposit ID is an ever increasing sequence number created by the VentaPro database, and should not be interpreted further in any way.

There is no point in sending the deposit status explicitly as this is determined by the sequences:

After the Deposit CashRsp file, deposit status is *Unpaid*

If a void arrives with the deposit item, status becomes *cancelled*

After a normal sale with the deposit item, status becomes *confirmed*

After a refund sale with the deposit item, status becomes *refunded*

After a sale containing the deposit as payment, status becomes *Used*

**For CashRsp version 8**

Time & Attendance Events

A time & attendance event (Time In, Time Out, Break In, Break Out) creates a cashrsp file named

TA~~nnnnnnnn~~*e*.*ttt*

where *nnnnnnnn* is an ID number (variable length) identifying the event, *e* is the edit count (see field 3), variable length, and *ttt* is the originating till number

Field	Content
1	\$ATTENDANCE
2	<i>nnnnnnnn</i> is the event ID number
3	is '0' if this is a new event; incremented by 1 for each edit of the event
4	date DD/MM/YY
5	time HH:MM:SS
6	Server number
7	Event type: (single digit) Time In=1 Time Out=2 Break Start=3 Break End=4
8	Till number
9	If edited (field 3 > 0), Editing server
10	If edited (field 3 > 0), Editing date DD/MM/YY
11	If edited (field 3 > 0), Editing time HH:MM:SS
12	If edited (field 3 > 0), Original date DD/MM/YY
13	If edited (field 3 > 0), Original time HH:MM:SS
	If not edited, fields 9-13 are empty
14*34	Trading Date DD/MM/YY

Notes:

The event ID is an ever increasing sequence number created by the VentaPro database, and should not be interpreted further in any way.

The *date* and *time* fields are UTC, *not* local time. This means that time periods can always be calculated independently of seasonal clock changes.

If a T&A event is modified manually (i.e. the time is adjusted) the event ID *remains the same*. A modified record will contain the original server number, the original till number and the modified date and time.

Manual corrections currently only allow a time change within an existing sequence of in/break start/break end/out.

**For CashRsp version 10**

For wastage records (header with \$WAST) only \$ITEM lines follow.

**For CashRsp Version 11**

An Age Verification operation creates a cashrsp file with its own transaction number:

Field	Content
1	\$AGEVERIFY
2	Transaction number <i>tttsssss</i> where <i>ttt</i> is till number, <i>sssss</i> is sequence number
3	date DD/MM/YY
4	time HH:MM:SS
5	Server number
6	Verification result (0 = not verified, 1 = OK)
7	Limit no. (1 = '16', 2 = '18', 3 = '21')
8 <sup>*34</sup>	Trading Date DD/MM/YY

#### MixMatch Discount Breakdown (V32, \$MMDISC)

The introduction of Discount Breakdown Analysis is active by default in CASHRSP V32. Which types of MixMatch Offers are included can be configured with the single setting `MMACTIONS_BREAKDOWN=MM config string`

By default, no MM types are selected.

#### MixMatch types:

- |   |                             |
|---|-----------------------------|
| 1 | Sell item                   |
| 2 | Set selling price (by cost) |
| 3 | Apply Promo                 |
| 4 | Cheapest in bucket free     |
| 5 | Set selling price (by PLU)  |
| 6 | Give bucket                 |
| 7 | Set selling price (by PLU)  |
| 8 | Set bucket price            |

The *MM config string* consists of a comma separated sequence of numbers and the character \*. The \* character signifies include all types; a digit enables the breakdown for that type; a negative number disables the corresponding type; 0 disables all types.

#### Examples:

`MMACTIONS_BREAKDOWN=*`

All types included (default). It is not necessary to specify this setting if the default is required.

`MMACTIONS_BREAKDOWN=0`

Disable all MM types. No \$MMDISC are produced.

`MMACTIONS_BREAKDOWN=0,3,6`

Only MM types 3 and 6 are included.

`MMACTIONS_BREAKDOWN=*, -5, -6, -7, -8`

or

`MMACTIONS_BREAKDOWN=0,1,2,3,4`

Both include types 1,2,3,4 only

#### \$MMDISC interpretation

For type 3 (apply promo % discount), the meaning is clear. The % discount is applied to all items in the triggering buckets. The total discount amount is distributed among the contributing PLUs, the amount assigned to each PLU being proportional to the undiscouted cost of items with that PLU in the buckets. Note that the discount assigned to each individual PLU is subject to rounding, though the total discount, summed over PLUs, will always be equal to the actual applied discount. Similarly, when a selling price is set (types 2, 5, 7, 8) the saving is distributed among the products in the buckets.

For other MM types, there can be an ambiguity in choosing the PLUs which are assigned the discount e.g. with type 4 (cheapest in bucket free), is the discount to be assigned to the free item, or to the products in the triggering buckets (as with type 3 above).

For consistency and to avoid additional complexity, the implementation uses the same rule for all MM types: the discount value is distributed proportionally to the products in the triggering buckets.

----- *end of cashrsp* -----