

UPDATING FLASH IN REGISTER MODE USING USB STICK

When software version "QC110215" or newer is installed it is now possible to update the Mercury interface, Register Program and/or FONT file using a USB stick in Register Mode.

- You must copy the file "mercury", "combo" or "combo.qrf" to a USB stick in the directory "/qupdate". Please note that the directory and file names are case sensitive!!
- The file "combo" is a special file which will from now on be included with the standard BIN file. It is not possible to rename the BIN file because it has a special format.
- Insert the stick in register.
- Turn Lock to "P-mode".
- Enter **5984** on the TYPE key. Now the register will check if the files "/qupdate/mercury", "/qupdate/combo" and/or "/qupdate/combo.qrf" are found and will copy the file to the correct location.
- After copying the register program the LQFlash program is started and must be closed so the register program is restarted
- You can check if the correct version is installed by entering 305 on the TYPE key.

Modification Log File for POS Concerto/QTtouch²

RELEASE QC060308

NEW FEATURES:

1. First Official Release. This version supports all features of the QTOUCH and in addition has new features which are described below.
2. New KEYBOARD 44 keys with 64K colors. You need a new version of QPROG 1.48
3. New KEYBOARD 56 keys with 64K colors. You need a new version of QPROG 1.48
4. SYSTEM OPTION 276, Transaction Double Height. When set the transaction screen will be in Double Height.
5. SYSTEM PARAMETER 121, Table MAPS. In SYSTEM PARAMETER 121 you program the number of MAPS (max 8). When the TABLE# is pressed without entry the register will automatically open the TABLE maps.
 - It is possible to reset the table plan by entering 201 on the program TYPE key. Note the register will divide the available tables over the number of table maps.
 - The first time the register will automatically divide the tables over the number of activated table maps.
 - You can change the position, remove a table or create a new table in a special programming mode which can be activated by entering 200 on the program TYPE key or in MANAGER mode by entering 200 on the SUBTOTAL key. The register will show the table map and an extra field on the right bottom which is used as a table pool.
 - When you select a table and keep it selected you can drag it to this field and after you release it will be removed.
 - When you press on the table pool a new table will be created and after you dragged it to the desired position it will ask for the table number. You must enter the table number on the displayed numeric keyboard and then press the '=' key.
 - When a table with number 0 is shown you can enter the number by selecting the table.

- Any number can be assigned to a table (including decimal point). When the table is selected the register will use the programmed number as if it was entered on the keyboard so when you program a non existing table number the register will give an error unless you have activated "free assignment" of table numbers in the configuration.
6. When you set SYSTEM OPTION 277 it will use 4 example BMP files which are included as background. It uses GENERAL TEXTS for the buttons in the map screen
- General Text 68 -> "Exit"
 General Text 69 -> "Table Pool"
 General Text 70 -> "Table Map# 1"
 General Text 71 -> "Table Map# 2"
 General Text 72 -> "Table Map# 3"
 General Text 73 -> "Table Map# 4"
 General Text 74 -> "Table Map# 5"
 General Text 75 -> "Table Map# 6"
 General Text 76 -> "Table Map# 7"
 General Text 77 -> "Table Map# 8"
7. Display of BITMAP as screen saver. When you set SYSTEM OPTION 277 it will look for a BMP file in a fixed location when not found it will use a BMP which is included in the image. You can use your own bitmap but at the moment you must copy the files manually. You can use 256 Colors or 64K Colors (24-bit) bitmap files.

When you connect a USB keyboard you can copy the files from a USB stick (FAT-16) (path: /mnt/usb) to the NAND flash (path: /mnt/jffs2). You can abort the cash register by pressing CTRL-C on the keyboard. After inserting the USB stick you must MOUNT it by: mount /mnt/usb.

The copy command is: cp /mnt/usb/qlogo.bmp /mnt/jffs2

The location of the files is as follows:

/mnt/jffs2/qlogo.bmp --> Screen Saver Bitmap
 /mnt/jffs2/qmap1.bmp --> Table Map 1 Bitmap
 /mnt/jffs2/qmap2.bmp --> Table Map 2 Bitmap
 /mnt/jffs2/qmap3.bmp --> Table Map 3 Bitmap
 /mnt/jffs2/qmap4.bmp --> Table Map 4 Bitmap
 /mnt/jffs2/qmap5.bmp --> Table Map 5 Bitmap
 /mnt/jffs2/qmap6.bmp --> Table Map 6 Bitmap
 /mnt/jffs2/qmap7.bmp --> Table Map 7 Bitmap
 /mnt/jffs2/qmap8.bmp --> Table Map 8 Bitmap

RELEASE QC060323

SOLVED PROBLEMS:

1. There was a problem with the table map maintenance procedure (200 on TYPE or 200 on SUBTOTAL in MANAGER mode). When moving tables outside the bottom of the screen it could result in memory corruption.

RELEASE QC060412

NEW FEATURES:

1. It is now possible to download the latest version for the CONCERTO from our website. For the CONCERTO you need the file QCmmdyy.ZIP which contains the binary file QCddmmy.BIN and the file CONCERTO_UPDATE.DOC. The file QCddmmy.BIN can be installed on the CONCERTO using QFLASH 3.3 and following the same procedure as for the QTOUCH. NOTE that you install the QCddmmy.BIN file and NOT the QPddmmy.BIN.

2. New mode 202 for removing all tables from the table map. When you enter 202 on the TYPE key with the central lock in P mode all tables are removed from the table maps.
3. WRITING AND READING DATA TO AND FROM AN USB STICK. Two special modes (205 and 206) in programming and easy programming mode have been implemented to read or write BMP, MAP and BACKUP files from an USB MEMORY stick.
 - MODE 205, When 205 is entered on the TYPE key a menu will be displayed for READING BMP and MAP files, PROGRAM BACKUP 1, 2, 3 and 4. GENERAL MESSAGE# 88 ("USB Read") is displayed as MENU name for mode 205.
 - MODE 206, When 206 is entered on the TYPE key a menu will be displayed for WRITING BMP and MAP files, PROGRAM BACKUP 1, 2, 3 and 4. GENERAL MESSAGE# 89 ("USB Write") is displayed as MENU name for mode 206.
 - The USB stick must be formatted for FAT(16).
 - ERROR MESSAGE # 62 ("No USB Stick Found") is displayed when there is no USB stick found.
 - ERROR MESSAGE # 63 ("No Files Found") is displayed when there are no files found on the USB stick. The reason could be they are no in the correct directory or the name is wrong. Note that the names are case sensitive!!
 - To READ or WRITE files you must insert the USB stick and then select the files you want to read or write. When an USB stick is present and the procedure is started the register will show and print the files it has read or written on the screen and printer. When ready it will display GENERAL MESSAGE# 47 ("Finished!"). Note that you MUST wait for the procedure to finish before you can remove the USB stick!! Especially when writing a BACKUP to the USB stick it can take some time because the files are being compressed first.
 - Reading and writing BMP and MAP files. GENERAL TEXT# 80 ("BMP & MAP Files") is used for MENU selection 1 which is used to read or write the BITMAP and MAP files for the display. When reading the register will automatically look for the files in the directory "\qmp\" on the USB stick and for writing the directory is automatically created when not found. Note that the directory name must be in small letters because LINUX is case sensitive. In this directory it will look for the following files (note that they are also case sensitive!):
 - 1) \qmp\qlogo.bmp → Screen Saver BMP file.
 - 2) \qmp\qmap1.bmp → Table MAP1 BMP file.
 - 3) \qmp\qmap2.bmp → Table MAP2 BMP file.
 - 4) \qmp\qmap3.bmp → Table MAP3 BMP file.
 - 5) \qmp\qmap4.bmp → Table MAP4 BMP file.
 - 6) \qmp\qmap5.bmp → Table MAP5 BMP file.
 - 7) \qmp\qmap6.bmp → Table MAP6 BMP file.
 - 8) \qmp\qmap7.bmp → Table MAP7 BMP file.
 - 9) \qmp\qmap8.bmp → Table MAP8 BMP file.
 - 10) \qmp\qmap1.map → Table MAP1 MAP file.
 - 11) \qmp\qmap2.map → Table MAP2 MAP file.
 - 12) \qmp\qmap3.map → Table MAP3 MAP file.
 - 13) \qmp\qmap4.map → Table MAP4 MAP file.
 - 14) \qmp\qmap5.map → Table MAP5 MAP file.
 - 15) \qmp\qmap6.map → Table MAP6 MAP file.
 - 16) \qmp\qmap7.map → Table MAP7 MAP file.
 - 17) \qmp\qmap8.map → Table MAP8 MAP file.

- Reading and writing BACKUP files. It is possible to store 4 different program backups on an USB stick. This can be useful for demonstration so you don't need a computer to load another program. GENERAL TEXT# 81 ("Program BACKUP Files") is used for MENU selection 2, 3, 4 and 5 which are used to read or write the program BACKUP files. When reading the register will automatically look for the files in the directory "\qbu1\", "\qbu2\", "\qbu3\" or "\qbu4\" on the USB stick depending on the menu selection made. For writing the directory is automatically created when not found. Note that the directory name must be in small letters because LINUX is case sensitive. In this directory it will look for the following compressed files (note that they are also case sensitive!):
 - 1) \qbu1\qposqap.gz → Compressed Program Data file.
 - 2) \qbu1\qposq00.gz → Compressed Program Data file.
 - 3) \qbu1\qposd00.gz → Compressed Program Data file.
 - 4) \qbu1\qpostxt.gz → Compressed Program Data file.
 - 5) \qbu1\qposq65.gz → Compressed Program Data file.
 - 6) \qbu1\qlogobmp.gz → Compressed Screen Saver BMP file.
 - 7) \qbu1\qmap1bmp.gz → Compressed Table MAP1 BMP file.
 - 8) \qbu1\qmap2bmp.gz → Compressed Table MAP2 BMP file.
 - 9) \qbu1\qmap3bmp.gz → Compressed Table MAP3 BMP file.
 - 10) \qbu1\qmap4bmp.gz → Compressed Table MAP4 BMP file.
 - 11) \qbu1\qmap5bmp.gz → Compressed Table MAP5 BMP file.
 - 12) \qbu1\qmap6bmp.gz → Compressed Table MAP6 BMP file.
 - 13) \qbu1\qmap7bmp.gz → Compressed Table MAP7 BMP file.
 - 14) \qbu1\qmap8bmp.gz → Compressed Table MAP8 BMP file.
 - 15) \qbu1\qmap1map.gz → Compressed Table MAP1 MAP file.
 - 16) \qbu1\qmap2map.gz → Compressed Table MAP2 MAP file.
 - 17) \qbu1\qmap3map.gz → Compressed Table MAP3 MAP file.
 - 18) \qbu1\qmap4map.gz → Compressed Table MAP4 MAP file.
 - 19) \qbu1\qmap5map.gz → Compressed Table MAP5 MAP file.
 - 20) \qbu1\qmap6map.gz → Compressed Table MAP6 MAP file.
 - 21) \qbu1\qmap7map.gz → Compressed Table MAP7 MAP file.
 - 22) \qbu1\qmap8map.gz → Compressed Table MAP8 MAP file.
- The format for BMP files can be 256 or 24-bit colors and the maximum size is 800x600 pixels. For the table map files you must use the maximum size else the complete screen is not overwritten. When possible it is advised to use 256 colors for the TABLEMAP files because they will be read and displayed faster. Note that SYSTEM OPTION 277 must be set else the register will not use the BMP files!
- The MAP files are only stored for backup and can only be changed on the register itself.
- The register will only read or write the files which are found. So when for example you only want to change the screen saver bitmap you only put the file "qlogo.bmp" in the directory "\qmp\" on the USB stick.

SOLVED PROBLEMS:

1. There was a problem with the table map when SYSTEM OPTION 209 or SYSTEM PARAMETER 111 for SEAT numbers was activated. The number's of the tables were changed during maintenance the procedure (200 on TYPE or 200 on SUBTOTAL in MANAGER mode).

2. When the Concerto was reset or a non Concerto type of keyboard was selected in the application program the background of the texts were not cleared before a new text was written to the screen.

RELEASE QC060424

SOLVED PROBLEMS:

1. When SYSTEM OPTION 252 was set and a table was opened with a handheld (MERLIN or DK) the register would sent the previous contents of the table to the handheld when it was not open.
2. Modifiers with price were not installed in the MERLIN handheld. The programmed article number was shown on the handheld.
3. The selection of the TIMEZONE and DATEZONE was not working properly. This caused a wrong price level selection by clock and also the timezone and datezone reports were not updated in the correct zone.

RELEASE QC060427

NEW FEATURES:

1. For changes See QMP3XXX UPDATE.DOC file found in QT060427.ZIP.

RELEASE QC060519

SOLVED PROBLEMS:

1. When the screen saver is active and you press the screen the register would start the function which was on that position.
2. When you press the touch screen on the bottom outside the keyboard it could happen that the register was trying to draw the wrong key which could result in corruption of the program and keyboard.
3. When SYSTEM OPTION 197 (Stay Down Window) was set and also SYSTEM OPTION 232 and/or 233 for Fixed lines were set and the transaction was finalized the register would not close the window.
4. When the printer type was set to type 17 (QUORION QPrint NRP-1800 (or compatible))the Graphic Logo was not initialized when the register was switched on.
5. When using an EPSON TM-88 series printer it was reported that the Graphic Logo was not printed on the first ticket when the register was powered OFF/ON and the printer stayed power on.

RELEASE QC060602

SOLVED PROBLEMS:

1. The hardware handshaking with the wireless sprinter module was not working properly. This was caused by the internal buffering of LINUX. Now the handshaking is done on character level.

RELEASE QC060613

NEW FEATURES:

1. From this version the register support the Chinese GB2312 Font table for the display when SYSTEM OPTION 229 (Chinese KP printer/Display) is set. When it is used in combination with an external printer which also supports the GB2312 character set it can operate in Chinese. Note that you need the GB2312 FONT table installed in the LINUX system. From LINUX version 060412 the font table is installed during production. In case you have an older version installed you must make a complete update using the USB-stick.

2. For further changes See QMP3XXX UPDATE.DOC file found in QT060613.ZIP.

RELEASE QC060630

NEW FEATURES:

1. For changes See QMP3XXX UPDATE.DOC file found in QT060630.ZIP.

RELEASE QC060901

NEW FEATURES:

1. FTP function now also available on the Concerto. See QMP_FTP.DOC for more information.
2. OPTION 289, Qwerty Touch Keyboard. When set the register will display a QWERTY keyboard on the touch screen in programming mode or when ALFANUMERIC text is entered. When in programming mode 3 extra keys TYPE, ## (Number) and DUMP are shown. The HEX key can be used to enter hexadecimal character codes.
3. It is possible to connect an external USB computer keyboard which can be used to enter texts. When in programming mode F1 is TYPE, F2 is ## (Number) and F3 is the DUMP key. The ESC key can be used as CLEAR key and the F4 key can be used for HEXADECIMAL character code entry.
4. PARAMETER 129, QWERTY keyboard Layout. In this parameter you can program the layout type of QWERTY keyboard which is used. This applies to the Soft and External keyboard. At the moment there are only two types possible. The register reads the key numbers from the external keyboard so it is important that the programmed layout matches the keyboard used.
0 ---> Standard US layout
1 ---> GERMAN layout
5. OPTION 290, Menu with 3 Columns. When set the menu's which are displayed have 3 columns. The register will automatically break the text into multiple lines when it doesn't fit on one line.
6. OPTION 291, Menu with 4 Columns. When set the menu's which are displayed have 4 columns. The register will automatically break the text into multiple lines when it doesn't fit on one line.
7. OPTION 292, Menu with 5 Columns. When set the menu's which are displayed have 5 columns. The register will automatically break the text into multiple lines when it doesn't fit on one line.
8. OPTION 293, Menu Left to Right. When set the register will draw the menu keys from left to right instead of top to bottom. Especially when using multiple columns it looks better when drawn from left to right when not all menu keys are displayed.
9. RS-232 Transmit Buffer and Network Buffers sizes are increased to support slow impact printers which could slow down the system a lot when a lot of tickets were printed.
10. For other changes See QMP3XXX UPDATE.DOC file found in QT060830.ZIP.

SOLVED PROBLEMS:

1. It could happen that part of the graphic receipt logo or part of the bottom keyboard was not stored when the register was powered of after installation. This happened when the program size was not aligned on 4096 bytes. When you cannot upgrade the flash ROM it can be temporarily solved by activating the graphic bottom logo with a minimum size of 288x216 although this is not used on the Concerto.
2. It could happen that after a few drawer openings the drawer which was directly connected to the Concerto wouldn't open anymore. This has been solved by sending a drawer reset command to the keyboard board controller.

RELEASE QC060908

NEW FEATURES:

1. SYSTEM OPTION 297 (Disable Wait for Touch Key Release). The software has been changed so it waits for the Touch key to be released before another key is accepted. For test purposes this can be disabled by setting this option. It is advised not to set this option except for test purposes.

SOLVED PROBLEMS:

1. When the keyboard type was set to TOUCH 44 keys and OPTION 289 was set the left side of the Qwerty keyboard was not working in registration mode.
2. When SYSTEM OPTION 257 (Consolidate with Subtotal Key) was SET and the SUBTOTAL key was pressed 2 times the program was stopped and the LQFLASH screen was shown. For changes See QMP3XXX UPDATE.DOC file found in QT060630.ZIP.

RELEASE QC060927

NEW FEATURES:

1. Factory Test Routines are expanded for Concerto. It will now check if Serial Port is installed.
2. When Controller not found at startup "Controller Error" is displayed.

SOLVED PROBLEMS:

1. When the QWERTY keyboard (OPTION 289) was active it wouldn't accept the ENTER key in EASY PROGRAMMING mode and PLU creation mode when scan codes were used.
2. When the QWERTY Keyboard was active and the Variable Text key was located under the CLEAR key on the QWERTY keyboard it could happen that the QWERTY keyboard was closed immediately.
3. Timing Touch Screen Driver in Linux changed.

RELEASE QC061005

NEW FEATURES:

1. Factory Test Routines are expanded for Concerto. It will now check the Dallas (Ibutton).
2. Storing of Report and Program data on a USB stick for external processing.
 - A new fixed report# 105 has been created. It will write the report# as programmed in SYSTEM PARAMETER 130 to an USB stick. When there is no report# programmed it will by default write report# 101 (Electronic Journal) to the stick.
 - SPECIAL TEXT #86 "Bytes Written:" is displayed on the Operator Display when writing.
 - ERROR MESSAGE #62 "No USB Stick Found" is displayed when no stick was inserted.
 - ERROR MESSAGE #65 "File Write Error" is displayed when there was an error writing to the stick.
 - GENERAL MESSAGE #96 "USB Report" is displayed in the Report Menu. You can also start the report by entering 105 on the report key.
 - SYSTEM PARAMETER 130, USB report#. You can program a REPORT# which the register will automatically write to a USB stick when report 105 is taken. If ZERO then report 101 is taken by default.
 - The register always writes the data in the directory "\qmp\" on the USB stick.

AUTOMATIC USB REPORT

Take REPORT# 105 and the register will write the report as programmed in SYSTEM PARAMETER 130 to the USB stick.

MANUAL USB TRANSFER

It is possible to do a manual USB transfer when you are in programming mode. By entering the Report Number or File Number on the Multiply key and then enter 124 on the TYPE key the register will try to write the report or file to the USB stick. It will try to create a file with the report or file number with the date and time of the transfer included in the file name so it will not overwrite existing files.

Report Transfer Example:

- Turn lock to P
- Enter 3 on the X-key
- Enter 124 on the TYPE key
- The Register will create a file called "RUX003_YYMMDD_HHMMSS.csv" on the USB stick.

File Transfer Example:

- Turn Lock to P
- Enter 10000 (PLU File) or 5000 (Dept File) on the X-key
- Enter 124 on the TYPE key.
- The Register will create a file called "D10000_YYMMDD_HHMMSS.csv" on the USB stick.

SOLVED PROBLEMS:

1. Keyboard simulation using Qdriver was not working because of address alignment done by CPU.

RELEASE QC061013

NEW FEATURES:

1. Touch Calibration Procedure. It is now possible to calibrate the touchscreen. The procedure is as follows:
 - Turn Lock to Program Mode (P).
 - Enter 350 on the TYPE key.
 - Now the Calibration screen is shown.
 - Press the Center of the cross shown in the Top Left, Top Right, Bottom Left and Bottom Right corners of the screen.
 - After touching all 4 corners you must confirm by pressing the OK button. Now the new calculated values are stored and used.
 - You can abort the procedure at any stage by pressing the ESC button.
 - When a HARD reset (keys 2 and 6) is done the register will automatically start the calibration after initializing the application.
 - The calibration data is stored in the file "/mnt/jffs2/qpos.cal".

RELEASE QC061024

NEW FEATURES:

1. Touch Calibration Procedure has been changed. It is now also possible to calibrate the touchscreen when the screen is touched for more then 2 seconds during power up. The procedure is as follows:
 - Turn Lock to Program Mode (P).
 - Enter 350 on the TYPE key or Touch the Screen for more then 2 seconds during power up.
 - Now the Calibration screen is shown.
 - Press the Center of the cross shown in the Top Left, Middle Right and Bottom Middle positions of the screen.
 - After touching all 3 positions you must confirm by pressing the OK button. Now the new calculated values are stored and used.
 - You can abort the procedure at any stage by pressing the ESC button.
 - When a HARD reset (keys 2 and 6 on fixed keyboard) is done the register will automatically start the calibration after initializing the application.
 - The calibration data is stored in the file "/mnt/jffs2/qpos.cal".

RELEASE QC061027

SOLVED PROBLEMS:

1. When the MERLIN handheld was used it could happen that the program stopped and the LQFLASH screen was shown when a certain combination of articles was sold on the handheld.

RELEASE QC061031

NEW FEATURES:

1. OPTION 305, Receipt with Register ID. When set the register will print the 'A' for register# 1, 'B' for register# 2 and so on instead of the '#' in front of the receipt number on the ticket.
2. OPTION 306, Receipt Copy Only by Manager. When set only a manager is allowed to take a receipt copy.
3. MODIFIER FOR COURSE INFO. When MODIFIER OPTION 2-4 is SET this modifier can be used to print course information on the KP ticket. When OPTION 2-4 is set the register will print the programmed text using the font as programmed in PARAMETER 69 (Kitchen Printer Name Font) and an empty line between the previous entered items and the items entered after this function. This can be used to indicate for example starters, main course etc. When OPTION 1-4 is also set the register will issue the ticket and print the text in the ticket header instead of printing and empty line and the text. OPTION 2-4 can be combined with OPTION 1-3 (Free text).

SOLVED PROBLEMS:

1. When using scan codes and the QWERTY keyboard was activated (Option 289) it was not possible to confirm the creation of a new article with the ENTER key in program or registration mode.

RELEASE QC061101

NEW FEATURES:

1. Testing of the serial ports with factory test 300 has been changed so it uses a cross cable between port#1 & 2, port#3 & 5 and port#4 & 6. Also a new direct serial port test 313 which uses a cross cable has been added.

RELEASE QC061110

NEW FEATURES:

1. SYSTEM OPTION 308, Mark Changed PLU. When set BIT 7 in the last character of the PLU name is used as an indicator which is set whenever a PLU is changed. This means that you cannot program a character with a larger code as hex 7F (decimal 127) on the last position. This will in general don't cause any problems because character codes larger as 127 are used for special characters only. Whenever a PLU is changed manually or by computer the indicator is set and it can only be reset by taking a special PLU dump which prints all the the PLU marked. This dump can be done in PROGRAMMING mode by entering 105, 106 or 107 on the TYPE key or in EASY PROGRAMMING mode by entering 105, 106 or 107 on the SUBTOTAL key. General Message 63 is displayed and printed.
 - 105 will print all PLU changed.
 - 106 will print all PLU changed and RESET the indicator
 - 107 will only RESET the indicator without printing. This can be used after an complete installation to reset all indicators.
2. When ROUNDING is done by TENDER function (option 2-7) and in the Tender Report configuration the DISCOUNT and SURCHARGE field are activated the register will report the round up in the discount field and the round down in the surcharge field and will also print the difference. General Text 66 is used for ROUND UP and general text 67 is used for ROUN DOWN in the report. You must NOT set SYSTEM OPTION 275 which is only for the fiscal system.
3. New EFT terminal type 33 and 34 for Finland.

SOLVED PROBLEMS:

1. Wrong baud rate printed with Serial Port Error in test 313.
2. FTP timing changed because some servers were not opening the data connection fast enough.

RELEASE QC061115

SOLVED PROBLEMS:

1. When a GRUBER TAP controller system was used and also SYSTEM OPTION 252 ("Re-Activation of Balances") the balances which were opened by the TAP controller didn't release the occupied Balance Item Blocks when they were already used before. When the balance was first opened on the register before it was opened on the TAP controller there was no problem. This resulted in error# 7 ("TransBuf Full") after all blocks were opened and used by the TAP controller once.

RELEASE QC061128

NEW FEATURES:

1. Testing of the serial ports with factory test 300 has been changed so it uses a crossed connector on the port itself.
2. SYSTEM OPTION 309, Activate Slide Show. When set the register will display a slide show of maximal 4 different pictures. It will look for the files qlogo.bmp, qlogo1.bmp, qlogo2.bmp and qlogo3.bmp. It will display every picture for about 15 seconds.
 - SYSTEM OPTION 277 must also be SET.

- There are 3 new files added for the slide show. They are called "qlogo1.bmp", "qlogo2.bmp" and "qlogo3.bmp" (Note they are case sensitive!). They can be installed in the same way as "qlogo.bmp" using an USB stick mode 205. If you want to remove a file you must install an empty file with that name.

SOLVED PROBLEMS:

1. Wrong Program mode printed with USB Read or Write and also ticket was not issued.
2. System Timer Routine has been refined to support timing larger than 64 seconds.
3. When using PRICE level selection for TAKE OUT and only one price level was used for articles the register would use a price of ZERO for modifiers with price instead of the default price.

RELEASE QC061220

NEW FEATURES:

1. SYSTEM OPTION 310, Extract Combined VAT. When set register will extract all VAT taxes from an article and re-calculate the taxable amount before it adds to the tax itemizers. Note that only 'real' VAT rates are excluded. These are the tax functions which have OPTION 1-1, 1-3, 2-1 and 2-2 NOT set!

Example:

DRINK	123.00	(14%VAT, 2%C.Levy, 7%service charge)
MEAL	252.00	(14%VAT, 2%C.Levy, 10%service charge)

TOTAL	375.00	
VAT	42.00	
C.Levy	6.00	
S.Charge7%	7.00	
S.Charge10%	20.00	

2. SYSTEM OPTION 311, Table Open on ONE Network Register. When set the a table can only be open on ONE register at the same time in a network. When you try to open a table which is open on another register ERROR 44 („Balance Still Open“) is given and you will have to wait until the table is closes on the other register.
3. SYSTEM OPTION 312, New Price not below Cost price. When set and the cost price is active for the PLU the register will give ERROR 17 („Invalid Price“) when the new price is below the cost price.
4. NEW SCALE TYPE 11. When SCALE type 11 is activated the register will use the Berkel DIALOG 06 protocol as used by SCALE TYPE 7 but will use the price and an total amount from received from the scale instead of calculating the total amount. The TARE function and Weight key are not supported for this scale type.
5. A new fixed report# 106 has been added. This report is exactly the same as report# 105 It will write the report# as programmed in SYSTEM PARAMETER 130 to an USB stick. When there is no report# programmed it will by default write report# 101 (Electronic Journal) to the stick. This has been added because on other models report# 105 could be reserved for a QUORIOLOG report.

SOLVED PROBLEMS:

1. When using the QWERTY keyboard for entering a variable modifier text it could happen that the key which was below the ENTER or CLEAR key was pressed when the QWERTY keyboard was closed.
2. From release RELEASE QC061031 the external USB Qwerty Keyboard was not working anymore. This has been corrected.
3. When using PRICE level selection for TAKE OUT and only one price level was used for articles the register would use a price of ZERO for modifiers with price instead of the default price.

4. When Transaction Cancel (Option 1-3 set) was used the register would issue Kitchen Printer tickets when the receipt was issued at closing (programmed as network printer).
5. It was possible to correct a modifier with price when splitting a balance which could result in a wrong balance totals because it is not allowed.
6. A direct variable was only sent to the KP when the PRINT option for receipt was set and the KP is the same printer as the receipt.

RELEASE QC061222

NEW FEATURES:

1. When Scale Type 11 is used the register will now print the software version of the scale driver with 305 TYPE. The current version is "Scale: V11.001".

RELEASE QC070104

SOLVED PROBLEMS:

1. The CAPS key on the QWERTY touch and external keyboard was not working anymore.
2. Error Correction key was not working in release 061222.

RELEASE QC070123

NEW FEATURES:

1. SYSTEM OPTION 313, Validation used for Becker Ticket Printer. When set the register will send the validation as one line of 71 characters to the printer when you specify TM-88 as slip printer. When you program the ticket inside a macro you can enter the number of tickets on the macro so the register will issue separate tickets. This has been developed for printing entry tickets in combination with the "German" BECKER "Billett" printer.
2. SYSTEM OPTION 314, Sound Short Tone. When set the length of the sounds (Key Beep, Error etc) are a 1/5 of the normal length. Also the controller sound level will be at half strength.
3. Drawer Open Sensor for the internal drawer connector is now checked. The check can be disabled by setting OPTION 238 ("No Open Drawer Check").
4. SYSTEM OPTION 315, Print Covers on KP. When set and cover entry is used for tables the register will now print the number of covers with the table number on each KP ticket. It the default KP font is used.
5. When OPTION 306 (Receipt Copy Only by Manager) is set it is now also valid for a copy from the "binary" electronic journal.
6. When OPTION 165 and/or 166 are set the register will also issue 2 tickets when the receipt is turned off and the balance function is set to print on the receipt.
7. New EFT type 55.

SOLVED PROBLEMS:

1. When using Action Tables in combination with Special Itemizer it could cause a program crash when a certain combination was used.
2. When a MANAGER CLERK selected a LIMITED MANAGER CLERK the limited manager didn't get all manager rights.

RELEASE QC070216

NEW FEATURES:

1. When scanning a code with the central lock in X, Z or programming mode the register will now keep the scanned code in the entry buffer so it can be used as entry for example when a the total of ONE PLU is requested in a PLU report. You scan the item then press the X key and then select the PLU report.
2. When Printer Type is set to 17 (Quorion Qprint NRP-1800) the register will now also sent the INVERSE printing command when SYSTEM OPTION 227 (Print Inverse on Thermal KP) is set.
3. SYSTEM OPTION 316, Programmable Tax Sign. When SYSTEM OPTION 231 is set and als 316 is set the register will use the TAX ID as programmed in General Text# 90 instead of the default values "ABCDEFGH". The ID for TAX1 is taken from position 1 and so on. The character on position 9 is used for the items which have no tax selection. Note that OPTION 231 MUST be set and that you program all TAX ID's required (9)!
4. First version with Orderman Ordersolution. See ORDERMAN.PDF for more information on connection.

SOLVED PROBLEMS:

1. When editing a MENU function on the register itself the quantity and PLU# were stored wrong.
2. When changing the keyboard font and colors in programming mode 39 on the register itself the routine which checked the color entry only allowed colors from 0 to 255 even when the 64K color type of keyboard is setup. In keyboard programming mode (39 on TYPE) a line with the KEY TEXT and another line with the key FONT, TEXT COLOR and BACKGROUND COLOR are shown. The available fonts are 0 (standard) , 1 (double width), 2 (double height) and 3 (double width and height). When 256 colors are used the color number corresponds with the color number as used in Qprog. When 64K colors are used the color code is the actual color in R(5)G(6)B(5) format. You must enter "F TCOLOR BCOLOR" for example "3 255 10".
3. When using modifier for course information (Only Option 2-4 set) it could happen that the register printed the course information also on KP tickets for which no articles were entered.
4. OPTION 245, Print Tax Marker. Was not working anymore.
5. When OPTION 197 was not set it was not possible to enter an amount on a department in a Window Lookup.

RELEASE QC070307

NEW FEATURES:

1. SYSTEM PARAMETER 94, Magnetic Card Reader Port. It is now possible to connect a Magnetic Card Reader which reads Track1 and/or Track 2 to select and open a balance.
 - You activate it by programming the port number to which the reader is connected.
 - The card reader must sent the track start character (% for track 1 and ; for track 2).
 - The register will use the last digits of the number stored on the track as balance number.
 - It will by default use BALANCE FUNCTION# 1 to open the balance but when SYSTEM PARAMETER 103 is programmed it will use the function as programmed in PARAMETER 103. See PARAMETER 103 for more details.
 - When a code size is setup in the configuration the register will use the number of digits as setup. For example when a 6 digit code size is used the last 6 digits from the stored number are used.
 - When no code size is used it depends on the number of balances how many digits are used. When max 99 balances are activated the last 2 digits, max 999 balances the last 3 digits, max 9999 balances the last 4 digits.
2. When Scale Type 11 is used the register will:
 - Print the software version and check sum of the scale driver with 305 TYPE. The current version is "Scale: V11.001 1C8B".

- When the print weight info line is activated in the department options the weight information is not shown on the Customer and Operator display only the total amount is shown.
- When the currency prefix is used it is printed after the unit price on the weight info line.
"1.000 kg X 12,50€/kg"

SOLVED PROBLEMS:

1. When using a MODIFIER for COURSE INFORMATION (option 2-4 set) and TABLE selection was compulsory it was possible to select the course information modifier without opening a table. The transaction had to be closed with a TENDER function before the register could be used again.

RELEASE QC070330

NEW FEATURES:

1. The register now accepts multi-line replies when using the FTP transfer function. See QMP_FTP.DOC for more information on using FTP.

SOLVED PROBLEMS:

1. When SYSTEM OPTION 79 create scan codes during registration was set and codes were scanned very quickly on a slow system it could happen that the register cleared the next code instead of processing it.
2. Clerk Time Report was not reset with system reset 4444.

RELEASE QC070406

NEW FEATURES:

1. First "Official" version with Orderman Ordersolution. See ORDERMAN.PDF for more information on connection.
 - When the Orderman connection is not activated all articles ordered by the Handheld have a price of 0.01.
 - Activating the Orderman Connection:
 - 1) Turn Lock to P-mode
 - 2) Enter 9001 on the TYPE key
 - 3) Register displays "Axxxxxxx"
 - 4) Request a KEY for this code from Quorion
 - 5) Enter the key (received from Quorion) and press the CR key.
 - 6) The register will display and print

Orderman Activated

Code: Axxxxxxx (only printed)

Key : kkkkkkkkk (only printed)
 - 7) The register will also print the activated options with 305 TYPE.
2. SYSTEM OPTION 317, Programmable Tax Sign. System OPTION 316 has been moved to OPTION 317 because 316 was already used for Fiscal versions.

3. GENERAL MESSAGE# 88 was reserved for Fiscal Systems and the Message "USB READ" has been moved the GENERAL MESSAGE# 99.
4. It is now possible to reset the Qtouch-2 and Concerto to Factory defaults using the Touch Screen. When the register is booting (and displaying register screen) you must keep your finger on the Touch Screen for 2 seconds to get into the calibration mode. When you keep your finger on the screen for another 5 seconds the register will ask you if you want to reset the system.
5. The Concerto and Qtouch-2 now support Key Bitmaps of 64K Colors. You need Qprog 1.60 or newer to activate and install them.

SOLVED PROBLEMS:

1. When not all texts (Errors, Messages etc) used by the Orderman were programmed it could result in "Database Error" when initialising the Orderman system.

RELEASE QC070419

NEW FEATURES:

1. SYSTEM OPTION 321, New User Interface (POS). When set the register will use a Window to display errors on the POS TOUCH models. When SYSTEM OPTION 289 (Qwerty Touch Keyboard) is set also the programming interface has been changed.
2. New BALANCE function for changing the Balance text in registration mode. This function has OPTION 1-1, 1-2 and 1-4 SET. When pressed the register will open the programming window for changing the balance text of the active balance. (See also OPTION 289 and 321).
3. SYSTEM OPTION 322, Table Text used for Address Entry. When set the register will automatically clear the Table text lines when a table balance is opened for the first time. When it is needed to print the customers name and address on the invoice it can be entered using the new balance function.
4. SYSTEM OPTION 323, Room Balance used for Delivery. When set the ROOM balances can be used for a delivery system. You must activate the "Code# Size" in the ROOM configuration and start with a empty ROOM number file (set to 0) or a pre-programmed accounts with address information.. It is possible to create a new delivery account when an unknown account number is entered. The register will ask you if you want the create the delivery account and prompt you for the account details. When you want to change the account details you can use the BALANCE function for changing the balance texts.
5. The register will now sent a "Gratuitous ARP Request" when it is powered up to signal the connected network that is online.
6. SYSTEM OPTION 324, Re-send Gratuitous ARP Request. When set the register will automatically sent an ARP request to itself every minute to signal the connected network that is is still there. This can be used for network switches or routers which will remove their ARP cache when no communication has taken place.
7. SYSTEM OPTION 325, Date Format DD-MM-YY. When set the date will be printed as DD-MM-YY.

SOLVED PROBLEMS:

1. When a QUORION external 2x16 Customer LCD display is connected and OPTION 191 is set the register will now NOT convert the characters when SYSTEM PARAMETER 58 is set to select another external character so the special characters are displayed correctly.

RELEASE QC070425

NEW FEATURES:

1. New EFT TYPE 57.

RELEASE QC070426

NEW FEATURES:

1. New TENDER function for using a separate DEBET CARD terminal in combination with an EFT terminal. It is now possible to connect an EFT and a DEBET CARD terminal at the same time. When you set OPTION 1-4 in combination with OPTION 1-7 and/or 1-8 in the TENDER function the register will use the DEBET CARD type and port as programmed in PARAMETER 136 and 137 instead of the EFT PARAMETERS 96 and 97.
2. SYSTEM PARAMETER 136, Type Debet Card Terminal. When you want to use an EFT and a DEBET card terminal at the same time you can program the type of terminal here. At the moment only type 55 and 56 for the Dutch market are supported. Don't forget to program a TENDER function with OPTION 1-4 set!
3. SYSTEM PARAMETER 137. Port Debet Card Terminal. Here you program the port to which the DEBET card terminal is connected.

RELEASE QC070516

NEW FEATURES:

1. When OPTION 229 is set the register will now send the FS command for the font selection to all used printers.
2. The QUORIOLOG device can be used. See QUORIOLOG.PDF for more details.
3. This version now supports a new command to dump/write the DEBUG data of the MERLIN handheld system to a USB stick.
 - When you enter 9001 on the TYPE key in programming the register will read the debug data from the base station and write them to a file called ML001_yymmdd_hhmmss.BIN on the USB stick in the directory "\qmp\".
 - When you enter 2 on the X key and then 9001 on the TYPE key in programming the register will read the debug data from handheld# 2 and write them to a file called ML002_yymmdd_hhmmss.BIN on the USB stick in the directory "\qmp\". Note that the handheld must be switched on. For handheld# 3 enter 3 instead of 2 and so on.

SOLVED PROBLEMS:

1. When SYSTEM OPTION 322 (Table Text used for Address Entry) was set the register would only clear the first line of the TABLE text.
2. When creating scanning PLU in registration mode (OPTION 79) with descriptor entry (OPTION 80) and the QWERTY keyboard (OPTION 289) was active the register would use the price and department of the last used PLU instead of the price and department entered.
3. Articles with the compulsory TARE option set could not be corrected using ERROR CORRECT, VOID or REFUND function. Only the CANCEL and TRANSACTION REFUND function could be used.

RELEASE QC070521

NEW FEATURES:

1. This version now supports a new updated/corrected version of the command to write the DEBUG data of the MERLIN handheld system to a USB stick. Now the command is terminated properly.
 - When you enter 9001 on the TYPE key in programming the register will read the debug data from the base station and write them to a file called ML001_yymmdd_hhmmss.DBG on the USB stick in the directory "\qmp\".

- When you enter 2 on the X key and then 9001 on the TYPE key in programming the register will read the debug data from handheld# 2 and write them to a file called ML002_yymmdd_hhmmss.BIN on the USB stick in the directory “\qmp\”. Note that the handheld must be switched on. For handheld# 3 enter 3 instead of 2 and so on.

RELEASE QC070523

NEW FEATURES:

1. When scanning a code with the central lock in X or Z mode the register will now also keep the scanned code in the entry buffer when a Report is selected using a window. You scan the item then press the X key and then select the PLU report.
2. New EFT type 22 for terminals using the Norwegian BANKAXEPT protocol which don't sent print information so the register will not issue an empty ticket when the receipt is switched off.
3. The Finish EFT terminals type 33 and 34 now also accept negative amounts.
4. New PORA function for Dutch EFT terminals to add or subtract directly from a card.

SOLVED PROBLEMS:

1. When creating scanning PLU in registration mode (OPTION 79) with descriptor entry (OPTION 80) and the QWERTY keyboard (OPTION 289) was active the register would use the price and department of the last used PLU instead of the price and department entered. This was not corrected in QC070516.
2. When SYSTEM PARAMETER 126 was set to ZERO the register would give ERROR# 6 on all user reports. This was caused by the change made for the QUORIOLOG device.

RELEASE QC070529

SOLVED PROBLEMS:

1. In order to avoid wrong clerk selection when Dallas I-Buttons are used the register will no do an extra CRC check on the Button number received from the controller. When the CRC in the received number is wrong the number is not accepted.
2. The new PORA function for Dutch EFT terminals only worked for the first total on the card when OPTION 1-4 was set.

RELEASE QC070530

SOLVED PROBLEMS:

1. When ordering a new item and refunding another the same order using the Orderman handheld the register would not refund the item or book the new item depending on the sequence used. When you only refund an item in an order the refund was done correctly.
2. When changing the Balance name in a network the register wouldn't sent the correct name to the other registers.

RELEASE QC070606

NEW FEATURES:

1. When using QPPROG 1.63 or newer it is possible to activate STORE TIME and TIME LINK in the balance totals.
 - When only STORE TIME is activated the time is used to display the open time on the TABLE MAP of the Concerto/QTtouch-2 (also see SYSTEM PARAMETER 140).

- The time stored time is the time of the register on which the balance was opened so when you are using the BALANCE TIME system with floating balances you must be sure that the time on all register is set the same when you time out the balance on another register.
- When the TIME LINK is also activated the BALANCE TIME system is active. This means that you must use the TIME OUT function before closing the balance which will cause the system to calculate the time the balance was open and calculate the amount using the PLU or MENU function programmed for this balance.
- In the TIME UNIT field the number of minutes for 1 period is programmed. The register will use this to calculate the time units used.
- When both the TIME LINK and TIME UNIT field are set the register takes the TIME LINK field as PLU number for calculation.
- When the TIME UNIT field is set to ZERO the system will use the TIME LINK value as the MENU number for calculation. In this way you can use different rates for different time periods as with the parking system (see SYSTEM PARAMETER 138).
- By selecting another PRICE level before the TIME OUT key is pressed you can have different rates for a balance. You can print the level text with the article by setting OPTION 1-2 in the PRICE LEVEL function to indicate the different rate.
- When both the TIME LINK and TIME UNIT field are set to ZERO the TIME system is not active for this balance.

2. FIXED KEYCODE 296, In Time function.

- Parking Time System. This key can be used to issue a parking ticket with the current time and date. For issuing a parking ticket the key can only be used outside a transaction. The time is printed with GENERAL TEXT# 91 in the format "TIME IN: 05-06 15:18" (month and day depend on SYSTEM OPTION 77 and hour is always in 24 hour format). When SYSTEM PARAMETER 139 is set also a barcode is printed. See SYSTEM PARAMETER 140 for the format.
- Balance Time System. This key can be used for setting a new start time when the OUT TIME key has been used on a balance.

3. FIXED KEYCODE 297, Out Time function.

- PARKING TIME SYSTEM. This key can be used to enter the IN TIME. The in time must be entered on the key in the format YYDDMMHHMM (year, day, month, hour minutes) or YYMMDDHHMM (year, month, day hour minutes) depending on SYSTEM OPTION 77 (date format). The hour must always be entered in 24 hour format as printed on the ticket. The YYDDMM or YYMMDD are optional when they are not entered they are taken from the current SYSTEM time. The register will calculate the minutes between the entered IN TIME and the current SYSTEM TIME and use the MENU function as programmed in SYSTEM PARAMETER 138 to calculate the PARKING AMOUNT.
- BALANCE TIME SYSTEM. This key is used to calculate the TIME the balance was open when in the BALANCE configuration the STORE TIME and STORE LINK option are set (QPROG 1.63 or NEWER is required). When pressed the register will calculate the minutes between the TIME stored on the BALANCE when the balance was opened and the current SYSTEM TIME and use the PLU number or MENU function number as programmed for the current balance and calculate the BALANCE OPEN AMOUNT.

4. SYSTEM PARAMETER 138, Parking Time Menu Link. In this parameter you must program the MENU function number in which the time periods and PLU numbers are programmed for the PARKING SYSTEM.

- In the MENU function you must program the number of minutes for the time periods and the PLU which is used for this period.
- By selecting another PRICE level before the TIME OUT key is pressed (or scanned) you can have different parking rates. You can print the level text with the article by setting OPTION 1-2 in the PRICE LEVEL function to indicate the different rate.

5. SYSTEM PARAMETER 139, Parking Time Barcode. When NON ZERO the register will print a EAN-13 barcode on the ticket issued by the IN TIME key (keycode 296). When NON ZERO the register will also check a scanned barcode whether it is a TIME barcode and will automatically process the code on the TIME OUT function.

Barcode format: XXYYDDMMHHMMC or XXYYMMMMHHMMC depending on SYSTEM OPTION 77 (Date format).

XX = the TIME barcode ID.

YY = year of issuing the ticket.

MM = month of issuing the ticket.

DD = day of issuing the ticket.

HH = hour of issuing the ticket (24 hour format).

MM = minute of issuing the ticket.

C = check digit.

6. SYSTEM PARAMETER 140, Table Service Time. In this parameter you can program the number of minutes after which the color of the tables on the Concerto/QTtouch-2 table map are inverted to signal that they haven't been served. Opening and closing the table will reset the timer. This only works when in the TABLE configuration the option STORE TIME is set (QPROG 1.63 or newer). When you are also using the BALANCE TIME system the time is only reset when the TIME OUT function has been used.
7. GENERAL TEXT# 91, Time In. This text is used for printing and displaying the start time. The format is "TIME IN: 05-06 15:18" (month and day depend on SYSTEM OPTION 77).
8. GENERAL TEXT# 92, Time Out. This text is used for printing and displaying the end time. The format is "TIME OUT: 05-06 16:18" (month and day depend on SYSTEM OPTION 77).
9. ERROR MESSAGE# 67, Time Out First!. This error is given when you try to close a time balance without using the TIME OUT function.
10. PROGRAM TEXT# 117, Minutes. This text is used in the manual programming of the time unit for a time balance.
11. SYSTEM OPTION 326, Print New Balance on KP, When set the register will print the new balance on the KP printer. This is used for a take-away system so it is possible to check if the order printed on the KP is the total order.
12. PARAMETER 129, QWERTY keyboard Layout. A new lay out has been added for Spain.

0 ---> Standard US layout

1 ---> GERMAN layout

2 ---> SPANISH layout

SOLVED PROBLEMS:

1. The routine for writing MERLIN debug data to a USB stick used the same code as for activating the ORDERMAN license code. This has been corrected so now you must enter 9020 instead of 9001 for writing the DEBUG data to a USB stick.
2. When reporting customer count by price level the register would always set the customer count to 1.
3. An all clerk or salesperson range report was not working. The register would still report all clerks or salespersons when the option clerk or salesperson totals only was set in the USER report.

RELEASE QC070620

NEW FEATURES:

1. It is now possible to disable the Orderman option. You can do this by entering 9001 on the multiply key and then 9001 on the TYPE key. The register will disable the option. The option can be re-activated using the original code.

SOLVED PROBLEMS:

1. Early registers which didn't have a serial number stored kept on asking for the serial number when switched on. The register will now only ask for a serial number when you want to activate an option like Orderman and the register has no serial number yet. The 7 digit serial number you can find on a sticker on the register.
2. When OPTION 321 (New POS interface) was set in combination with OPTION 229 (Chinese KP) and OPTION 289 (QWERTY Keyboard) the upper part of the QWERTY keyboard was overwritten in Programming Mode.
3. Central Lock Position was displayed at wrong position in programming mode when OPTION 321 and 193 were set.
4. When SYSTEM OPTION 113 (Programming only in P-mode) was set then it was not possible to exit the Balance Name programming in RG or MG mode by pressing the EXIT key.

RELEASE QC070704

NEW FEATURES:

1. SYSTEM OPTION 328, Plu Extra Caption on Receipt and Slip. When set and the PLU Extra caption was activated in the PLU configuration the register will print the Extra Caption on an extra line on the Receipt and Slip. Note that by setting this option the Extra Caption is NOT used for the KP anymore only for the Receipt and Slip.

SOLVED PROBLEMS:

1. When the action tables were stored on a balance (SYSTEM OPTION 270) the register would not print the action tables which had OPTION 1-4 (Discount on Total) on the invoice.
2. When requesting the BINARY Electronic Journal by computer the register will now also send the articles which were corrected using the Error Correction function.
3. When SYSTEM PARAMETER 126 was set to ZERO the register would give ERROR# 6 on all user reports. This was caused by the change made for the QUORIOLOG device. This was corrected earlier but started again in 070620 caused by a wrong compilation.

RELEASE QC070706

NEW FEATURES:

1. When the invoice is printed for a table the register will now change the color of the table in the Table Map Screen from BLUE to RED. When no table maps are used the register will change the '*' sign in the table balance window to '!' to signal that the invoice is printed.
2. SYSTEM OPTION 329, Enhanced Seat Number System. When set the "new" seat number system is active. The following enhancements are active:
 - Display Balance of individual seat when Seat key is pressed
 - When a table is opened without seat number (1 table key) the register will now display all items of all seats and default to seat# 1.
 - When you select a specific seat only the items of that seat are displayed.

- Items are sent to KP when the table is closed so there is only one ticket.
- The format of the KP ticket is changed for the seat printing.
- When using the table map the total of all seats of the table is displayed.
- When using split you can nRow select the seat directly using the seat key or table and seat using the table key.
- When using transfer you can now select the seat directly using the seat key or table and seat using the table key.
- The new seat functionality only works correctly with when you are using fixed tablenumbers.

RELEASE QC070731

NEW FEATURES:

1. SYSTEM OPTION 331, Convert Thai Font. When set the register will check the for Thai characters send to the external printer when set to TYPE 3 (TM-88) or 4 (TMU220). Note that for the display you need to have the Thai Font installed.
2. SYSTEM OPTION 332, Only General XZ Counter in User Report. When set the register will only print the General X and Z counter in the USER REPORT (Also see OPTION 110).
3. New QDRIVER command D14 for UP/Downloading the bottom (Extra) Keyboard of the Concerto.

SOLVED PROBLEMS:

1. The register wouldn't display the amount and clerk anymore on the TABLE map screen when SYSTEM OPTION 329 was not set.
2. The color RED for the 64K Color Keyboard types was not correct in the TABLE map screen.
3. When the invoice was printed the register would change the color of the table in the TABLE map screen but wouldn't reset it anymore.
4. When the option BALANCE DEPOSIT was set in the PORA function it was possible to use the function in a direct sale with ZERO table when balance compulsory was set.
5. When downloading the keyboard using QDRIVER the register would always sent 13 columns instead of 8 columns for each row.
6. When using the New Seat number SYSTEM OPTION 329 and a seat was selected and closed without sales the register would open the seat with a ZERO balance.
7. When using the New Seat number SYSTEM OPTION 329 and all seat were paid individually (Single Invoice) it could happen that seats which were not used were opened on the table with a ZERO balance.

RELEASE QC070806

NEW FEATURES:

1. SYSTEM OPTION 333, Italian Invoice Type. With this option it is possible to create the functions FATTURA and RICEVUTA FISCALE as required by the Italian law. When set the register will only print VAT on a balance Invoice type which prints the Invoice Number (FATTURA, General Message# 54). For direct sales and Invoice Types which have OPTION 2-3 (Suppress Invoice Number, RICEVUTA FISCALE General Message# 73) set the register will not print the VAT details. The number of invoices issued can be reported by the Invoice Type functions.

SOLVED PROBLEMS:

1. When using the Special Itemizer for Discount or Surcharge the register would never calculate and store the itemizer when it was negative like with a correction.

RELEASE QC070814

NEW FEATURES:

1. SYSTEM PARAMETER 136, Type Debet Card Terminal. When you want to use 2 EFT terminals or an EFT and a DEBET card terminal at the same time you can program the type of terminal here. At the moment only type 51, 55 and 56 for the Dutch market are supported. Don't forget to program a TENDER function with OPTION 1-4 set!
2. The register will now put a '!' character after the clerk name in the lookup screen when the clerk is signed on.

SOLVED PROBLEMS:

1. CANCEL transaction was not displayed negative when viewing the Binary E-Journal and was also not sent as negative to the computer when the journal was requested..
2. The flag which indicated that the subtotal invoice was printed was not sent to the other registers in the network.

RELEASE QC070918

NEW FEATURES:

1. SYSTEM OPTION 336, Print Used Time. When set the register will print an extra line with the hour and minutes between the start and end time when the TIME IN/OUT function for the parking or balance system is used. GENERAL TEXT# 85 is used.
2. New BALANCE function for transferring a balance to another balance which will check if the new balance is open. When you try to transfer to an open balance ERROR# 38 (Balance Used) is given. This function has OPTION 1-3 and 1-4 SET.
3. ALPHANUMERIC NUMBER ENTRY. It is now possible to scan an ALPHANUMERIC NUMBER by using a SPECIAL DRAWER FUNCTION. When you ONLY set OPTION 1-5 in a DRAWER function (all other option OFF) the function can be used to enter or scan an alphanumeric number with a maximum size of 32 characters. When you press the function without entry it will show the programmed function name on the display and will switch to the ALPHA KEYBOARD. Now you can scan or enter the number.

RELEASE QC071018

NEW FEATURES:

1. SYSTEM OPTION 338, Report Table at payment, When set the sales for a table is not reported when ordering but at the moment of payment. In this way the sales is reported on the register where the table is paid. It can also be used to enter order which are processed by the backoffice and are not paid on the register like order lists or baking lists for a bakery. When used in a Fiscal system only the register which issues the invoice needs to be fiscal.

Note: When you transfer from one balance type to another they must both have the option set!

2. SYSTEM OPTION 339, Report Room at payment, When set the sales for a room is not reported when ordering but at the moment of payment. See also SYSTEM OPTION 338.
3. SYSTEM OPTION 340, Report Account at payment, When set the sales for an account room is not reported when ordering but at the moment of payment. See also SYSTEM OPTION 338.
4. EFT Type 54 (vic 1.03 protocol) now supports printing of "old" and "new" balance.
5. EFT Type 58 (Vic 1.06) see EFT_NL.DOC.

6. Automatic Salesperson selection when opening a balance. You need QPROG 1.68 or newer to activate this function. It must be activated in the configuration of the type of balance (Table, Room or Account). When the balance is opened the programmed Salesperson is selected. When a value of ZERO is programmed the active salesperson is not changed. Don't forget to set OPTION 19 (Reset Salesperson to 1) so the Salesperson 1 is automatically selected when the balance is closed. This function can be used if you need detailed reporting on a balance or range of balances.
7. PARAMETER 129, QWERTY keyboard Layout. A new lay out has been added for Sweden.
 - 0 ---> Standard US layout
 - 1 ---> GERMAN layout
 - 2 ---> SPANISH layout
 - 3 ---> SWEDISH layout

SOLVED PROBLEMS:

1. The flag which indicated that the subtotal invoice was printed was not sent to the other registers in the network directly after the invoice but the next time the table was opened and closed.
2. When SYSTEM OPTION 325 (Date Format DD-MM-YY) was set the register would not store the year in the Electronic Text Journal.
3. When splitting a table using the DK handheld and the items were ordered at a another price level the DK handheld would always use price level 1 to calculate the displayed total. Now the register always sends back the ordered price when the table items are requested.
4. When using Pricelevels with the Quantity modifier in combination with Modifiers with price the register would print the wrong quantity on the balance invoice and kitchen tickets.
5. When using menu's the register wouldn't update the customer count of the plu, departments, groups and total sales reports.

RELEASE QC071030

NEW FEATURES:

1. In this version all special functions which were made for the non fiscal CR1000 series are also implemented.
2. NEW EFT type 81 for Sweden. See EFT_SWE.DOC for more details.
3. PARAMETER 129, QWERTY keyboard Layout. A new lay out has been added for Norway.
 - 0 ---> Standard US layout
 - 1 ---> GERMAN layout
 - 2 ---> SPANISH layout
 - 3 ---> SWEDISH layout
 - 4 ---> NORWEGIAN layout
4. SYSTEM OPTION 264, Official Receipt Message. When set a special information line for official or non-official receipts will be printed on normal and training receipts. This was especially implemented for the Philippines. New GENERAL MESSAGES used:
 - GENERAL MESSAGE 85 = "THIS IS NOT AN"
 - GENERAL MESSAGE 86 = "THIS SERVES AS AN"

GENERAL MESSAGE 87 = "OFFICIAL RECEIPT"

5. SYSTEM OPTION 265, Print Receipt Reset Counter. When set the receipt reset counter will be printed in the Z-report. This was especially implemented for the Philippines.

GENERAL MESSAGE 88 = "Reset Receipt#"

6. SYSTEM OPTION 266, No reset NRG. When set the NRG will not be reset by 666666. This was especially implemented for the Philippines.
7. SYSTEM OPTION 300, Tender Input Mask 0/50. When set the amount entry on a tender function is only allowed with 0/50 cents. This limitation was implemented for countries which smallest coins are 50.
8. SYSTEM OPTION 301, Plu Caption# 2 used for Report. When set then print PLU caption# 2 in the PLU report. Note that in that case caption# 2 will not be printed at the kitchen printer or receipt (OPTION 328).
9. SYSTEM OPTION 303, Item Price in Electronic Journal. When set then save PLU/DEPT item price in the Electronic Journal.
10. SYSTEM OPTION 307, Hebrew Reverse Text Output. If set then reverse text direction output active (Hebrew language). It works the same as OPTION 260 (Arabic Output) but only reverses the text and does no conversion of special Arabic characters.
11. SYSTEM OPTION 319, Dominican Print Layout. If set then print layout is according to the Dominican Republic regarding law:
 - Uses headerline 8 with text "Cant. Descr. Valor ITBIS"
 - Uses headerline 9 with text "---- -----"
 - Uses General Message#53 with text "** PROFORMA **"
 - In program mode 95 + TYPE you must program the start and the end receiptcounter:
 - First must enter the 4 digits secret code followed by SUBTOTAL key
 - Then must input an 11 digit NFC number from government
 - Then must input start receipt counter
 - Then must input end receipt counter -> if the receipt counter reach this number then the cash register do not allow to open a new sale (shows error message#25 "Journal full") and the user must program a new start/end receipt number
12. SYSTEM OPTION 320, Info Lines in Header. If set then print info lines (date/time and clerkname) in the header instead of at the bottom of the receipt.
13. SYSTEM OPTION 330, Portuguese Invoice Printing. When set the first duplicate receipt after a direct sale is issued as an invoice.
 - INVOICE# is printed and increased
 - additional text lines for names and so on are printed at the end of the receipt
 - if an Endorsement Message is programmed it is used as additional text otherwise General Messages 85....87 are used, separated by dot lines.
14. SYSTEM OPTION 341, Display Program Key in P-Mode. When set the program keyboard will automatically be displayed when the lock is turned to P-mode. This makes it easier to find the program keys on the touch screen.
15. New MENU option to report price difference when new price entered. If MENU OPTION1.7 is set, then the difference between the calculated price and new price is reported in the last PLU of the menu. When the entered price is less then the calculated price will not be allowed.
16. New CURRENCY option to print out the conversion rate. If CURRENCY OPTION1.7 is set an extra line with the programmed exchange rate is printed after CASH, for example "1 EUR = 30,00000".

SOLVED PROBLEMS:

1. When SYSTEM OPTION 325 (Date Format DD-MM-YY) was set the register would not store the year in the Electronic Text Journal.
2. When splitting a table using the DK handheld and the items were ordered at a another price level the DK handheld would always use price level 1 to calculate the displayed total. Now the register always sends back the ordered price when the table items are requested.
3. When using Pricelevels with the Quantity modifier in combination with Modifiers with price the register would print the wrong quantity on the balance invoice and kitchen tickets.
4. When using menu's the register wouldn't update the customer count of the plu, departments, groups and total sales reports.

RELEASE QC071113

NEW FEATURES:

1. The register will now also print the Linux Version and Release date with 305 TYPE key.

Example:

Linux 2.6.11-fs.1

#2 Mon Nov 13 10:21:27 CET 2007

2. New OPTION 1.8 (Print Multiply Qty) in the MENU function. When set the register will also print the multiplied quantity of the items in the Menu List on the Receipt and KP. So when you sell a menu 2 times the register will also print the double quantity with the menu items.

Example:

1 x MENU A prints 1 x PLU1, 2 x PLU 2

5 x MENU A prints 5 x PLU 1, 10 x PLU 2

SOLVED PROBLEMS:

1. SYSTEM OPTION 331, Convert Thai Font was not working for External Printers. When set the register would always issue and empty ticket.
2. The new CURRENCY OPTION1.7 for printing the conversion rate was only working with direct printing. It was not printed on a copy ticket, with shared printers and clerk interrupt.
3. SYSTEM OPTION 336, Print Used Time. When the used time was more the 65535 seconds the register would print the wrong time.
4. When using the balance function "Direct Balance Sale" and SYSTEM OPTION 96 was set it was possible to close a sale with this function.

RELEASE QC071119

NEW FEATURES:

1. The register will now store the correction name in the electronic journal when a correction is made.

SOLVED PROBLEMS:

1. The register wouldn't update the correction function in the report when a correction in the electronic journal was made.

RELEASE QC071205

NEW FEATURES:

1. SYSTEM OPTION 342, Print PLU CAPTION #1 on KP. When set the register will ALWAYS print PLU CAPTION #1 on the KP Tickets (see also OPTION 343). When OPTION 342 and 342 are both set the register will print both on the KP tickets.
2. SYSTEM OPTION 343, Print PLU CAPTION #2 on KP. When set the register will ALWAYS print PLU CAPTION #2 on the KP Tickets. (see also OPTION 342). When OPTION 342 and 342 are both set the register will print both on the KP tickets.
3. When the option PRINT TOTAL is set in a USER REPORT LIST the register will now always print the total even when only one function was used.
4. The register will now also sent the department names to the computer when a PLU REPORT sorted by department is requested by computer. You need QPROG 1.71 or newer to view it in the QPROG report.
5. The TABLE, ROOM and ACCOUNT INFO records as used for QDRIVER are extended with 7 fields so it is now also possible to sent the new fields. The layout now is as follows:

FIELD 1	-> 249 for Table, 250 for Room or 251 account info record
FIELD 2	-> Record Number
FIELD 3	-> Random code (optional)
FIELD 4	-> Amount Limit (optional)
FIELD 5 – 10	-> Max 6 Text lines (optional)
FIELD 11	-> Price Level (optional)
FIELD 12	-> Discount Function# Price Level (optional)
FIELD 13	-> Discount Rate (optional)
FIELD 14	-> Discount Exempt (optional)
FIELD 15	-> Time PLU# (optional)
FIELD 16	-> Time Unit (optional)
FIELD 17	-> Salesperson# (optional)

SOLVED PROBLEMS:

1. When using GST tax for Singapore the register could show the wrong SUBTOTAL amount. This was caused by rounding differences when sales was already stored on the balance and new sales was made without closing the balance.
2. Screen Saver Problem. When SYSTEM OPTION 4 is set and SYSTM OPTION 6 is not set and you start a transaction and don't finalize it but wait for the timer to expire the register will check for auto finalizing but will not close the transaction because OPTION 6 is NOT SET. The reason the screen blinked is that it already cleared the transaction screen but then it was immediatley drawn again.

RELEASE QC071206

NEW FEATURES:

1. Receipt layout for the Swedish POINT EFT terminal has been changed.

RELEASE QC071211

NEW FEATURES:

1. New EASY PROGRAMMING MODE 220 for changing Foreign Curreny rates. After entering EASY PROGRAMMING MODE 220 by entering 220 on the SUBTOTAL key you can enter the new rate directly on the FOREIGN CURRENCY key. When finished press SUBTOTAL without entry.
2. Manual card number entry for the Swedish POINT EFT terminal has been implemented. See EFT_SWE.DOC for more details.

SOLVED PROBLEMS:

1. When taking a CLERK TIME computer report and a text larger than 9 characters was used for SPECIAL TEXT# 85 the last part could show up in the time field.

RELEASE QC071217

NEW FEATURES:

1. Manual card and expiration date entry for the Swedish POINT EFT terminal have been changed so the register checks if the entered date is later than the current date else it will give error# 3.

RELEASE QC071218

SOLVED PROBLEMS:

1. When a transaction was not accepted by the Swedish POINT terminal and another card was used the register would print the rejected card info on the ticket
2. When using the Balance Limit for ROOMS but NOT for TABLES the register wouldn't check the ROOM limit when transferring a balance from a TABLE to a ROOM.

RELEASE QC071220

SOLVED PROBLEMS:

1. When a transaction was aborted by the customer on the Swedish POINT terminal the register wouldn't abort.

RELEASE QC071221

NEW FEATURES:

1. SYSTEM OPTION 330, Portuguese Invoice Printing. When set the first duplicate receipt after a direct sale is issued as an invoice.
 - INVOICE# is printed and increased
 - The register will prompt for entering the name, address and VAT#.
 - General Message# 85 is used for prompting for the "Name:" and is printed on the receipt.
 - General Message# 86 is used for prompting for the "Address:" and is printed on the receipt.
 - General Message# 87 is used for prompting for the "VAT#:" and is printed on the receipt.
 - When you press the SUBTOTAL key for the copy the register will automatically prompt for Name (#85), Address (#86) and VAT# (#87). When prompting for the address it will allow you to enter more than one line. When finished entering the address press the ENTER key without entry and it will continue prompting for the VAT#. You can abort by pressing the CLEAR without entry. Don't forget to set OPTION 289 for the QWERTY keyboard.
2. On advice of ORDERMAN and to avoid wrong bookings from another Orderman System it is NOW COMPULSORY to program the Orderman Handheld Numbers. For this purpose there are two GENERAL MESSAGES # 97 and #98 reserved for programming maximum 8 Handheld numbers which have access. When GENERAL MESSAGE# 97 and #98 are empty the Handheld will show Error Message# 1 ("Invalid Entry") when a request is made. Only the handheld with the programmed numbers have access. The number is the Handheld DeviceID as found when powering on the Handheld or on the sticker in the battery compartment. The number is without the A character. So when the Device ID is 16199A the Handheld number is 16199.

For example when you have 2 Handhelds with DeviceID 16199A and 13213A then you must program in GENERAL MESSAGE# 97 the text "16199,13213" which tells the system that only these two Handhelds have access.

Note:

When you program the Handheld numbers you must either install the program or power off/on the register to activate the new table.

3. SYSTEM PARAMETER 141, Orderman Maximum Items. In this parameter you can program the maximum number of items the Orderman Handheld will sent in on block. The maximum number of Items is 50. When set to ZERO it uses the default value of 50 in one Order Record. When the order block is to big the register will sent ERROR MESSAGE# 68 ("Order too Big") to the Handheld and you must remove some items from the order and try again. When you get this message very often you might consider decreasing the maximum number of items so the Orderman sends large orders in smaller blocks.

SOLVED PROBLEMS:

1. When a non valid card was swiped on the Swedish POINT terminal the register wouldn't abort.
2. When a Modifier programmed as PLU with a ZERO price was ordered on a table it was not sent back to the Orderman when the table was requested again.
3. When UPDATING the DATABASE in the ORDERMAN handheld and a conenction speed of 115200 BAUD was used it could happen that not all records in a file were updated and you had to try a few times. This could be solved by lowering the speed to 57600 but now there is a retry of 4 times which will solve the problem. When after 4 times there is still an error the register will give ERROR# 41 ("Comm Error Timeout").

RELEASE QC080104

SOLVED PROBLEMS:

1. The register would print "COPY RECEIPT" in the invoice header when SYSTEM OPTION 330, (Portuguese Invoice Printing) was set.
2. When correcting covers on a table using the Correction Window (SYSTEM OPTION 253) and no entry was done the register would always remove all covers although it showed "-1" in the display.
3. When SYSTEM OPTION 252 (Re-activation of Tables) and SYSTEM OPTION 338 (Report Table at Payment) were both set and a table was re-activated it would add to the report again when re-activated and paid again.
4. When SYSTEM OPTION 35 (Invoice Not compulsory for Paying Balance) and SYSTEM OPTION 329 (Enhanced Seat Number System) were both set and a seat was paid with a SPLIT payment directly without printing an invoice the seat was not reset and the balance for that seat was doubled. This only happened with a SPLIT payment.
5. It was not possible to abort the Touch Screen calibration with the first initial installation.

RELEASE QC080109

NEW FEATURES:

1. When SCALE type 11 is activated the register will now also display the received weight on the Operator and Customer display.

RELEASE QC080121

NEW FEATURES:

1. SYSTEM OPTION 344, when set then it is possible to RE-ACTIVATE a ROOM after it has been paid and no new order has yet been entered.
 - The ROOM can be re-activated by a SPECIAL BALANCE FUNCTION type RE-ACTIVATE with OPTION 1-1 and 1-4 SET and 1-2 and 1-3 NOT SET. The other options and print

options work the same as for the open room function and it is advised to use the same settings.

- When you press the RE-ACTIVATE function without entry the register will display a list of rooms which can be activated. When you enter the room number on the key the register will try to re-activate the table.
 - The register will report the re-activated amount in the function. This can be used to check the invoices issued. The total of INVOICES issued should match the total ordered plus re-activated.
 - When the ITEM buffer is full the register will automatically remove the first ROOM found which is closed so this ROOM cannot be re-activated anymore.
 - Because the ROOM items stay in the buffer until the ROOM is opened again it is advised to reserve enough space for the BALANCE ITEM BLOCKS BUFFER.
 - When the ROOM report is taken in Z-mode the tables are cleared and cannot be re-activated anymore.
2. When SYSTEM OPTION 323 (Room Balance used for Delivery) and SYSTEM OPTION 344 are both set it is possible to RE-CALL an order instead of RE-OPEN. When a previous order is opened again the register will ask you if you want to re-call the order.
 - The previous order is displayed with the address details and can be re-called.
 - You can re-call the order by selecting YES, create a new order by selecting NO or abort by selecting EXIT.
 - When SYSTEM OPTION 321 is NOT set you can re-call the order by pressing the DELIVERY key again, create a new order by pressing the CLEAR key or abort by pressing any other key.
 - When you select re-call the register will order the same articles again using the current prices. Note that it will ONLY re-order ARTICLES, discounts etc. are not re-called.
 - GENERAL MESSAGE #103 is used for "RE-CALL ORDER?".
 3. When SYSTEM OPTION 323 (Room Balance used for Delivery) is set the register will now display info texts when the balance text details are entered. The system uses PROGRAMMING TEXTS which can only be changed using QPROG. PROGRAMMING TEXT #118 is used for LINE #1, #119 for LINE# 2, #120 for LINE# 3, #121 for LINE# 4, #122 for LINE# 5 and #123 for LINE# 6.
 4. SYSTEM OPTION 345, Suppress Line# 1 Account Info. When set the register will suppress the first line of the ACCOUNT BALANCE text on the printer. This line is only sent to the computer when an OPEN ACCOUNT report is requested. This option was made for Denmark where they use the first line to store the Personal Number which should not be printed to avoid abuse.
 5. SYSTEM OPTION 346, No ZERO Over Tender. When set it is not allowed to over tender when the transaction total is ZERO.
 6. SYSTEM OPTION 347, Display Balance on Table Map. When set the register will display the balance on the table map instead of the time the table is open when store time is active.
 7. When the receipt number is reset with a NETWORK Z-report it will now be reset in all registers.
 8. SYSTEM PARAMETER 100, Display Contrast. It is possible to control the backlight with this parameter. When ZERO (default) the maximum intensity is selected. When programming a NON-ZERO value the minimum intensity is selected. Note that you can only set it to maximum or minimum. It is also possible to select the minimum by entering 9999 on the TYPE key. The maximum can be set again by entering 0 on the multiply key and then enter 9999 on the TYPE key.

SOLVED PROBLEMS:

1. The register would print the complete card number on the (electronic) journal when the Swedish POINT terminal was used to make a REFUND. This was not allowed.
2. When a very large balance with more than 780 different items was re-opened or the new order exceeded the maximum of 780 items it was not possible to close the balance. The register would

only accept a TENDER or SUBTOTAL key which couldn't be used when an INVOICE was compulsory. Now the register will still allow you to close, print invoice, pay the balance or use the transaction void key to cancel the last order.

3. When using the HOLD function (key code 257) and the BINARY Electronic Journal was active the register would store the HOLD transaction in the BINARY Electronic Journal with receipt number zero. Because of this the register couldn't find the previous receipt when a specific receipt was recalled by entering the receipt number on the UP (or PGUP) key. It was still possible to step through the journal using the PGUP key.
4. When SYSTEM OPTION 342 and 343 were both set it could cause a program crash when a PLU was printed on the KP.
5. When a table was opened and no clerk was selected the register will give an error and it was not possible to RE-ACTIVATE the table anymore.

RELEASE QC080125

NEW FEATURES:

1. SYSTEM OPTION 348, Menu with 6 Columns. When set the menu's which are displayed have 6 columns. The register will automatically break the text into multiple lines when it doesn't fit on one line.
2. SYSTEM OPTION 349, Menu with 7 Columns. When set the menu's which are displayed have 7 columns. The register will automatically break the text into multiple lines when it doesn't fit on one line.
3. There is a new KEYBOARD type with 79 keys and a Running Total line available. You need QPROG 1.72 for activating and programming this new keyboard type.
4. Keyboard BITMAP Sizes
 - Keyboard 56 keys, 4x4 block 69x53 pixel, 5x8 block 91x53 pixel
 - Keyboard 79 keys , 4x4 block 69x48 pixel, 7x9 block 66x48 pixel

SOLVED PROBLEMS:

1. When an order was re-called and PRICE levels were active the register would always re-order on the original price level +1.

RELEASE QC080213

NEW FEATURES:

1. A Macro function doesn't reset the Foreign Currency flag anymore so it is possible to select a currency before executing a macro. This can be useful when using preset tenders.
2. SYSTEM OPTION 350, Check PLU Inventory Level. When set the register will check the inventory level when a PLU is sold. When the entered quantity is larger than the inventory Error Message# 69 ("Not On Stock") is given and it is not allowed to sell the PLU.

NOTE THAT THIS WORKS ONLY ON A STANDALONE REGISTER!!

SOLVED PROBLEMS:

1. Validation on an external printer was not working anymore from version "XX070918".
2. When SYSTEM OPTION 151, 220 and 320 were set the register would still increment the receipt number for balance sales.
3. The Date printed with TIME IN/OUT function was wrong.

4. When using a menu for balance time calculation (time unit set to ZERO) the register would force you to time out again when you already time out but not paid the balance.
5. When using the balance time system SPLIT or CORRECTION using a window was not working.
6. When a balance was re-activated which was paid without printing an invoice the total on the re-activated balance was doubled.
7. When an amount discount was given after another discount and the option UPDATE ARTICLES was set in the amount discount function the register would divide the amount discount not equally over the used articles.
8. It was not possible to change a keyboard level and then open the table map in a macro.

RELEASE QC080314

NEW FEATURES:

1. SYSTEM OPTION 351, Graphic Keys without Borders. When set the register will not draw a border around graphic keys. This will enable you to create your own key shapes when the background color is the same as the screen background color.
2. When the option is set to print PLU Caption# 2 the register will now automatically print PLU Caption# 1 when PLU Caption# 2 is empty.
3. When PLU Caption# 1 and PLU Caption# 2 are both printed PLU Caption#2 will be suppressed for when empty.
4. REPORT PARKING MENU FUNCTION. It is now possible to report how many parking tickets were issued and returned.
 - Activate the Quantity and Return Quantity field in the Report construction for the MENU functions.
 - When a PARKING ticket is issued using the "IN TIME" key (key code 296) the register will ADD ONE to the Quantity field.
 - When a PARKING ticket is scanned or manually entered on the "OUT TIME" key (key code 297) the register will SUBTRACT ONE from the Quantity field and Return Quantity Field.
 - The Quantity field will report the issued tickets which are NOT returned yet and the Return Quantity field will report the returned (scanned) tickets.
5. TIME MENU FUNCTION. When a MENU function is used for TIME calculation it is now possible to calculate the price depending only on the period instead of adding all previous periods when 100 is added to the MENU function number. This can be used for the PARKING system (SYSTEM PARAMETER 138) and/or POOL (Balance) system. It is activated by ADDING 100 to the MENU function number programmed in SYSTEM PARAMETER 138 or in the BALANCE programming.

example:

MENU FUNCTION #1 programmed as:

time 1: 15 minutes -> PLU 1 (1,00)

time 2 :30 minutes -> PLU 2 (0,75)

time 3: 60 minutes -> PLU 3 (1,25)

MENU LINK programmed as 1 in PARAMETER 138 or BALANCE will result in a total of 1,75 when 25 minutes have passed $((1 \times 1,00) + (1 \times 0,75))$.

MENU LINK programmed as 101 in PARAMETER 138 or BALANCE will result in a total of 0,75 when 25 minutes have passed $(1 \times 0,75)$.

MENU LINK programmed as 1 in PARAMETER 138 or BALANCE will result in a total of 4,25 when 140 minutes have passed $((1 \times 1,00) + (1 \times 0,75) + (((95/60)+1) \times 1,25))$.

MENU LINK programmed as 101 in PARAMETER 138 or BALANCE will result in a total of 3,75 when 140 minutes have passed $((((140/60)+1) \times 1,25))$.

6. SYSTEM OPTION 353, Compulsory Keyboard Selection. When set and keyboard levels are used it is compulsory to select a keyboard level other than LEVEL# 1 when a transaction is started.
7. PARAMETER 129, QWERTY keyboard Layout. A new lay out has been added for Czech Republic.
 - 0 ---> Standard US layout
 - 1 ---> GERMAN layout
 - 2 ---> SPANISH layout
 - 3 ---> SWEDISH layout
 - 4 ---> NORWEGIAN layout
 - 5 --> CZECH layout (Note that CE font must be installed!)

SOLVED PROBLEMS:

1. When creating PLU with scan codes during transaction and no name was entered the register always used the name of the department of the last PLU used instead of the name of the assigned department.
2. When OPTION 342 and 343 were both set and the price level name was printed twice on the receipt.
3. There was a change from release 071030 done for a fiscal version (CZech) which caused that a Z-report couldn't be taken using a macro when the clerk was not allowed to go in Z-mode. So it was not possible to make a macro for it.

RELEASE QC080318

NEW FEATURES:

1. The Czech QWERTY keyboard layout has been changed so the numeric keys are active with CAPS.
2. SYSTEM OPTION 329, Enhanced Seat Number System. The following enhancements are made to the seat number system:
 - When using the SPLIT function to split articles from a table to a seat using the seat key the register will automatically re-open the table so it is possible to continue without the need to re-open the table.
 - The register will now display the seat balances when the SEAT key is depressed when splitting the balance.
 - When paying a table and selecting "All Combined" the register will now display the total for all seats on that table.

RELEASE QC080402

NEW FEATURES:

1. OPTION 354, Accounts used for TABS. When set you can use Account totals for Tabs (as used in a bar). When you set this option and you have activated the balance text in the Account Totals the register will automatically ask you for the name when the TAB is opened the first time. When the TAB is paid the name is automatically removed. When a TAB is used the entered name is displayed and when not used GENERAL TEXT# 40 is displayed.
2. OPTION 355. Suppress all empty lines. When set the register will suppress all empty (space) lines on the receipt printer.
3. When PARAMETER 58 (External Character Set) is set to 99 the register will not convert the characters for the external printer and display and will also not sent the command to change the character set. This can be used when the external printer already supports the Windows character set as used by the register.

SOLVED PROBLEMS:

1. Wrong PLU Name printed on KP extra tickets when single KP tickets were set and a modifier with price used.
2. Improved handling of multiline responses with FTP transfer.
3. The register would display the wrong seat balance when the SEAT key was pressed and the splitting was not done from seat# 1.

RELEASE QC080409

NEW FEATURES:

1. NEW HANDHELD functions for the Orderman.
 - The register will now store the received orders and commands in a buffer when the register is in transaction.
 - The buffer can store maximum 2000 commands and when it is full the transaction will be closed.
 - The register will process the received orders and commands when the transaction is closed.
 - When the ORDERMAN is used the SPLIT and TRANSFER command are only accepted when the register is not in transaction because it will re-open the balance to which it is splitted or transferred after the command is sent.
 - Error# 71 ("System Busy, Try Again") is displayed on the Orderman when Splitting or Transferring when the register is in transaction.
 - SPLITTING or CORRECTING articles with Condiments on the Orderman is now working correct.
 - COVERS are now supported by the Handheld. Balance Function# 8 must be programmed as COVER function.
 - When OPTION 159 (Compulsory Covers) is set the PERSONS# function will be enabled on the ORDERMAN handheld.
 - SYSTEM PARAMETER 143 (Handheld Receipt Printer Type) and 144 (Handheld Receipt Printer Port) can be used to specify a dedicated receipt printer for the Orderman. When programmed the register will re-direct all RECEIPT Printer Output to the programmed printer. The programming is the same as for the Receipt Printer parameter.
2. OPTION 358, Repeat Condiment Entry. When set and a Condiment Selection is activated on a PLU with quantity of more than 1 and smaller than 100 the register will automatically repeat the condiment selection for the quantity entered. It can be aborted by pressing the CLEAR key 2 times in case a large quantity is entered by accident.
3. OPTION 359. No Balance Order Copy. When set it is not allowed to print a copy receipt of a balance order. See also OPTION 118 ("No Copy Allowed").

SOLVED PROBLEMS:

1. When a USB or Quorilog report was taken using the command Report# X 124 TYPE the register would use the Report# as record number for the report which could resulted in an empty report.

RELEASE QC080423

NEW FEATURES:

1. VIEWING the TEXT JOURNAL FILE. It is now possible to view the TEXT journal on the screen.
 - When the UP or PGUP key is pressed the last entries are shown.
 - When the DOWN or PGDN key is pressed the first entries are shown.

- It is possible to enter a receipt number on the UP, DOWN, PGUP or PGDN key.
 - The register will look for the entered receipt number and show the first or closed occurrence.
 - It is possible to print a copy of a receipt by pressing the SUBTOTAL key.
 - The receipt are separated by the line containing the receipt# filled with "++++".
2. SYSTEM OPTION 352 "Euro Cash Declaration". When set the register will open a screen with the EURO currency units from 500 to 0,01 EURO and you must enter the quantity of each unit when a cash declaration is done.
- When finished you must select the last "EXIT" (GENERAL TEXT# 68) field and confirm.
 - You can only abort by changing the Central Lock.
 - The EURO DECLARATION is used for the first DRAWER TOTAL in the declaration list.
 - The declaration for the other totals is done as before.
 - This option can be used with Declaration in REG mode or with REPORT.
3. SYSTEM OPTION 360 Direct TOUCH MENU Entry When OPTION 360 is SET it is possible to enter the amount before opening the TOUCH menu. The sequence is ENTRY->WINDOW->SELECTION instead of WINDOW->ENTRY->SELECTION. This option only works for the following WINDOW types:
- Departments
 - Window Lookups
 - Tender
 - PORA
 - Discount
 - MENU
 - MACRO
 - Modifier
 - Condiment
4. NEW EASY PROGRAMMING MODE 20 New program mode for changing the SALESPERSON name. Start mode in MANAGER mode by entering 20 on the SUBTOTAL key.
- Enter new name.
 - Press Enter
 - Select SALESPERON
 - When finished press ENTER without entry or turn lock.
5. SYSTEM OPTION 362 Day of Month for Price Level Reporting. When this option is set the register will use the "Day of Month" totals for reporting Price Level Sales.
- The register will use the active Price Level Function for selecting the report zone instead of the day of the month.
 - In this way it is possible to report (any) data by price level.
 - Don't forget to set the number of Day of the Month Zones in the General Option in the QPROG configuration menu to the required number because default it is set to 31.
6. FIRST & LAST TRANSACTION DATE/TIME by CLERK. In QPROG 1.73 CLERK CONFIGURATION you can activate "Store First/Last Transaction".
- The register will automatically store it in 4 periods.

- It is automatically reported with the TOTAL SALES report.
 - GENERAL TEXT#94 is used as "First Sale" text.
 - GENERAL TEXT#95 is used as "Last Sale" text.
7. FIRST & LAST TRANSACTION DATE/TIME by SALESPERSON. In QPROG 1.73 SALESPERSON CONFIGURATION you can activate "Store First/Last Transaction".
- The register will automatically store it in 4 periods.
 - It is automatically reported with the TOTAL SALES report.
 - GENERAL TEXT#94 is used as "First Sale" text.
 - GENERAL TEXT#95 is used as "Last Sale" text.
8. FIRST & LAST TRANSACTION and LAST RESET DATE/TIME by USER REPORT. In QPROG 1.73 USER REPORT CONFIGURATION you can activate "Store First/Last Transaction".
- The register will automatically store the First and Last Transaction Date Time.
 - The register will automatically store the Last Reset Date Time.
 - It automatically reported with the TOTAL SALES report.
 - GENERAL TEXT#94 is used as "First Sale" text.
 - GENERAL TEXT#95 is used as "Last Sale" text.
 - GENERAL TEXT#96 is used as "Last Reset" text.

SOLVED PROBLEMS:

1. The register wouldn't update the REFUND function when a modifier with price was refunded. The modifier itself was refunded correctly.
2. When OPTION 222 for "Slovakian NRGT Rounding" was set the register would add the rounding twice to NRGT when SUBTOTAL was used.

RELEASE QC080516

NEW FEATURES:

1. First "Official" version with Q_MOS handheld solution. See Q-MOS.PDF for more information on connection.
 - When the Q-MOS connection is not activated all articles ordered by the Handheld have a price of 0.01.
 - Activating the Orderman Connection:
 - 1) Turn Lock to P-mode
 - 2) Enter 9002 on the TYPE key
 - 3) Register displays "Bxxxxxxx"
 - 4) Request a KEY for this code from Quorion
 - 5) Enter the key (received from Quorion) and press the CR key.
 - 6) The register will display and print

Q_MOS Activated

Code: Bxxxxxxx (only printed)

Key : kkkkkkkk (only printed)
 - 7) The register will also print the activated options with 305 TYPE.

2. SYSTEM OPTION 363, Print VAT Total. When SET the register will now print the total of VAT on the receipt. GENERAL TEXT# 100 is used as descriptor. It can be used in combination with SYSTEM OPTION 145 (Print NET SALES).
3. When in the FOREIGN CURRENCY function option 1.8 is SET the register will not print the TENDER function with the local currency amount when an amount has been entered.

SOLVED PROBLEMS:

1. When OPTION 301 was set it could result in a memory corruption when the report was taken by computer and the second PLU caption was too long.
2. When the TIME OUT key was used and the TIME PLU was programmed as Single Item the register would always issued a receipt even when the receipt was switched off.
3. When SYSTEM OPTION 320 (Info Lines in Header) was set the first ticket after a report which resets the receipt number didn't have a receipt number.

RELEASE QC080516

NEW FEATURES:

1. First "Official" version with Q_MOS handheld solution. See Q-MOS.PDF for more information on connection.

RELEASE QC080522

NEW FEATURES:

1. New type of CORRECTION function with OPTION 1.2 and 1.3 SET. This function can be used to ADD/INSERT an extra condiment to an article which has condiment selection active.
 - You must first select the article using the Up or Down keys or by touching it.
 - Press the function key.
 - The register will now re-open the article condiment selection menu.
 - Select the condiment which must be added.
 - Note that you must set the system to print the receipt at payment else the modifier is printed when selected.

SOLVED PROBLEMS:

1. When FIRST & LAST TRANSACTION and LAST RESET DATE/TIME by USER REPORT was activated the register would not reset the last and first times with a Z-report.

RELEASE QC080523

SOLVED PROBLEMS:

1. When the Chinese Font was used in the application (SYSTEM OPTION 229 set) the register wouldn't display the bottom pixel line of the characters which could result in a wrong display when this bottom line contained pixels..

RELEASE QC080527

NEW FEATURES:

1. When the Chinese Font is used in the application (SYSTEM OPTION 229 set) the register will now also display the Chinese characters on the INTERNAL customer display. The display will show 1 line of 17 characters. Note that 1 Chinese character has the width of 2 normal characters.
2. When a HARD reset is done (factory defaults) the already installed user bitmaps and table maps are also removed.

RELEASE QC080528

NEW FEATURES:

1. New logo size of 576x90 which you can activate using QPROG 1.74.
2. It is now possible to VOID articles using the Q-MOS when you are signed on as a Manager or Limited Manager clerk on the Q-MOS.
3. SYSTEM OPTION 355, Suppress all empty lines. When set the register will now also suppress all non text lines.
4. TIME MENU FUNCTION. It is now possible to chain TIME Menu functions when 12 periods is not enough. When the PRICE field is NON ZERO the programmed value is used as the next MENU link. Note that you can/must program XX or 1XX like in PARAMETER 138.
5. SYSTEM PARAMETER 91, Type of rounding is set to 8 (for Slovakia) the register will now print:

```
-----
TOTAL      8,90
++ROUNDING 0,10
TOTAL      9,00
EURO       0,26
```

GENERAL TEXT #66 is used for ++ rounding and #67 for -- rounding.

SOLVED PROBLEMS:

1. TIME MENU FUNCTION. When the TIME calculation was done depending on the period instead of adding all previous periods (100 added to the MENU function number) and the number of minutes was exactly as programmed the register would add 1 extra unit.
2. Changing the calibration routines caused that when a standard mouse was not working anymore. This has been corrected. Note that hot-plug is supported so you must power off/on the register when you connect an USB mouse or keyboard.

RELEASE QC080530

SOLVED PROBLEMS:

1. When the Chinese Font was used in the application (SYSTEM OPTION 229 set) and an INTERNAL customer display was used it could happen that the last Chinese character was not displayed correctly on the internal customer display because of the formatting routines.

RELEASE QC080605

NEW FEATURES:

1. New SCALE TYPE 12 for the Magellan model 8100 Scale/Scanner. This scale only requires one serial port for connection.
 - Set the Port to which you connected the Magellan 8100 to 103 (9600 BAUD, 7 data bit, 1 stop bit, odd parity).
 - Set either parameter 56 (scanner port 1) or 57 (scanner port 2) to the port number.

- Set parameter 92 (scale type) to 12.
 - Set parameter 93 (scale port) to the port number.
2. SYSTEM OPTION 356, Paraguay Print Layout. When set the register will print the receipt in the format as required for Paraguay.
 3. SYSTEM OPTION 364, PLU Extra Group for Qty Descriptor. When set and in the PLU configuration the "Extra Group Selection" is activated this field can be used for specifying the quantity descriptor for the PLU sales and inventory reports.
 - Note that you must have a minimum of 5 GROUPS in the configuration else you can not program up to number 5!
 - This value is ONLY Used for printed cash register reports and is not sent to the computer!
 - value 0 = General Text# 3 "Qty" (default Qty descriptor)
 - value 1 = General Text# 101 "KG"
 - value 2 = General Text# 102 "Gram"
 - value 3 = General Text# 103 "Liter"
 - value 4 = General Text# 104 "Ounce"
 - value 5 = General Text# 105 "Meter"
 4. New type of BALANCE INVOICE function with OPTION 1-1, 1-3 and 1-4 SET. This function can be used to SPLIT a BALANCE BILL by number of Persons.
 - You must open the balance and then you must enter the number of Persons (maximum 99) on the key and close by a TENDERING function.
 - SUBTOTAL BILL is not possible!
 - The register will first issue the normal invoice on the specified printer. When the receipt is not set the normal invoice will not be printed and only the additional bills are printed!
 - The normal invoice will be printed on the journal and also stored in the Electronic Journal when specified. On the invoice there will be a message with the number of persons to indicate the bill was divided.
 - The register will issue the entered number of bills. Each bill will contain an amount which is equal to the total amount divided by the number of persons.
 - GENERAL MESSAGE# 90 "Complete Meal" with the amount is printed instead of the detailed bill.
 - GENERAL MESSAGE# 106 "Divided Bill" with the bill number and total number of bills is printed on top of the bill.
 - The "divided" bill will have the same Invoice and Receipt number as the normal bill and is only printed on the receipt printer and not stored in the Electronic Journal.
 - Example:

```

1/3 Divded Bill                                --> 1 of 3 bills
INVOICE#                                         1
TABLE #                                         1
=====
Complete Meal      11,00    ---> 1/3 of the original 33,00
-----
Total              11,00
10% VAT            1,00
CASH               11,00
  
```

5. When in a CONDIMENT TABLE OPTION 1-4 is set this condiment table can be used to force a fixed selection of modifiers. This was made for "Pizza Hut" in Venezuela. They wanted to force a fixed selection of modifiers inside a menu. For example when a Pizza is sold with two toppings they want to force to operator to select 2 modifiers from the active condiment table before he can continue. When set the last field in the (modifier) list is the required quantity. For example a condiment the table with OPTION 1-1 and OPTION 1-4 set and has a programmed list: 4001, 4002, 4003, 2 will force the operator to select 2 condiments from the list before he can continue.
6. SYSTEM OPTION 365, Suppress Last Line Room Info. When set the register will suppress the last line of the ROOM BALANCE text on the printer. This line is only sent to the computer when an OPEN ROOM report is requested. This option was made for the delivery system where they use the last line to store the Personal Information(like Credit Card#) which should not be printed to avoid abuse.

SOLVED PROBLEMS:

1. When in the FOREIGN CURRENCY function option 1.8 was set and under tender was done the register wouldn't print the tendered amount when SYSTEM OPTION 87 was not SET.
2. When SYSTEM OPTION 260 for Arabic output was set the register sometimes didn't reverse some lines in the receipt header.

RELEASE QC080618

NEW FEATURES:

1. TENDER OPTION 2-7, Rounding Amount. When set the register will round with this tender function.
 - It is possible to report the rounding total in the TAX REPORT. When in the LAST Tax Function OPTION 2-8 is SET.
 - The rounding difference is printed on the receipt. When the rounding is NOT reported GENERAL TEXT# 66 is printed else the (last)TAX Function name.
 - When SUBTOTAL is pressed the register will show the rounded amount.
 - You should not set the option to round on payment SYSTEM OPTION 361.

SOLVED PROBLEMS:

2. When the new 79 keyboard was used and you touched the touch panel on the bottom below the last row of keys a wrong key in the numeric block could be generated. The problem can also be solved by re-calibration of the screen so the bottom part is disabled touching a little bit below the center of the bottom cross when calibrating.

RELEASE QC080627

SOLVED PROBLEMS:

1. When using PLU scancodes the slave registers could crash when a CONSOLIDATED PLU report of an EMPTY PLU file was taken.
2. When using the SPLIT function on the ORDERMAN and more than one item was splitted it could happen that the register splitted the wrong item.
3. When SYSTEM OPTION 358 (Repeat Condiment Entry) was set on the ORDERMAN the quantity of an ordered item with condiment was changed the register would always register 1 item.
4. When using the automatic discount function using the Special Totalizers with an exempt amount an a balance was splitted to another balance the Special discount was not handled correctly when the splitted amount was below the exempt amount.

RELEASE QC080714

NEW FEATURES:

1. SYSTEM OPTION 366, Direct Secret Salesperson Code Entry. When set it is possible to enter the Secret Salesperson code direct on the salesperson key.
2. SYSTEM OPTION 367, Check First Order Time in Report. When set the register will check the FIRST ORDER TIME (When activated in the configuration) for a CLERK or SALESPERSON when an ALL CLERK or SALESPERSON report is taken. This can be used to make the reporting faster when a lot of CLERKS or SALESPERSONS are setup in the configuration with a lot of reporting information activated. The register will only check if the CLERK or SALESPERSON is used and skip the report when not used. When an INDIVIDUAL report is taken the register will still check all the totals
3. SYSTEM OPTION 369, Beep 2 to External KP. When set the register will send the DRAWER 2 OPEN PULSE command to the External Kitchen printers when the ticket is issued. When instead of a Drawer a special BEEPER is connected to the Drawer Port the printer will BEEP with every order. Note that it is not advised to set both 173 and 369 because the pulse command will slow down the printer even when nothing is connected.
4. SYSTEM PARAMETER 145, KP Beep Length. When this parameter is non zero and SYSTEM OPTION 173 (Beep to External KP) or SYSTEM OPTION 369 (Beep 2 to External KP) is set the register will sent this value instead of the default value 25.
5. When Salespersons are not active in the configuration the register will not cut the clerkname on the receipt and kp ticket at 10 characters anymore.
6. SYSTEM OPTION 352, Euro Cash Declaration. The EURO declaration now uses Program Text# 63 (EURO) and 64 (Cents) when not empty.
7. MODIFIER OPTION 2-3, Store on Balance. When set the register will store this "fixed" text normal modifier on a balance.
8. TAX OPTION 1-7, Tax Print when Zero. The register will now also print the zero tax amount when the itemizer is not used. This makes it possible to always print the tax on the receipt even when it is not used in the sale.
9. QDRIVER CONFIG record. It is now possible to read a configuration record using QDRIVER with command: COMMAND=D15 (Download Configuration Info). It will return 2 records containing the configuration information.

CONFIGURATION_1 RECORD

FIELD 1 -> Fixed to 15 which is the ID for a CONFIGURATION record
 FIELD 2 -> Fixed to 1
 FIELD 3 -> Installed Program Version ("QC080710")
 FIELD 4 -> Register Serial Number when present ("1234567").

CONFIGURATION_2 RECORD

FIELD 1 -> Fixed to 15 which is the ID for a CONFIGURATION record
 FIELD 2 -> Fixed to 2
 FIELD 3 -> Standard Keyboard Type:
 1 = Button 64 keys
 2 = Button 104 keys
 3 = Flat 128 Keys
 4 = Flat 156 Keys
 5 = Touch 56 Keys (256 colors)
 6 = Touch 56 Graphic Keys (256 colors)
 7 = Touch 44 Keys (64K Colors)
 8 = Touch 56 Keys (64K Colors)
 9 = Button 40 Keys
 10 = Touch 79 Keys (64K Colors)
 FIELD 4 -> Extra Keyboard Type:
 0 = No Extra Keyboard
 4 = Flat 156 Keys
 FIELD 5 -> PLU Scancode size (0 to 16). When NON ZERO the register uses PLU scancodes and field# 6 holds the number of used PLU in the PLU file

FIELD 6	-> When Scancodes are used this field holds the number of PLU already used.
FIELD 7	-> Number of PLU
FIELD 8	-> Number of Departments.
FIELD 9	-> Number of Modifiers.
FIELD 10	-> Number of Salespersons.
FIELD 11	-> Number of Clerks.
FIELD 12	-> Number of Groups.
FIELD 13	-> Number of Window Lookups.
FIELD 14	-> Number of Macro's.
FIELD 15	-> Number of Condiment Tables.
FIELD 16	-> Number of Foreign Currencies.
FIELD 17	-> Number of Paid Out & Received on Account.
FIELD 18	-> Number of Drawer Totals.
FIELD 19	-> Number of Tenders.
FIELD 20	-> Number of Action Tables.
FIELD 21	-> Number of Special Itemizers.
FIELD 22	-> Number of Tax Itemizers.
FIELD 23	-> Number of Endorsement Messages.
FIELD 24	-> Number of Standard Keyboard Levels.
FIELD 25	-> Number of Accounts.
FIELD 26	-> Number of Rooms.
FIELD 27	-> Number of Tables.
FIELD 28	-> Number of Extra Keyboard Levels.

10. QDRIVER SYSTEM PARAMETERS command. It is now possible to read and write system parameters using QDRIVER with command: COMMAND=D16 (Download System Parameters). It will return 8 records containing the SYSTEM PARAMETERS. The parameters can be changed and sent back.

SYSTEM PARAMETER RECORD

FIELD 1 -> Fixed to 16 which is the ID for a SYSTEM PARAMETERS record.

FIELD 2 -> Parameter Block Number (1 to 8, each block has 32 parameters)

FIELD 3-34 -> 32 Parameter values (Empty or 0 to max 255) starting from Parameter 1 for block# 1, Parameter 33 for block# 2, Parameter 65 for block# 3 etc. When the Parameter field for a specific Parameter is left empty the value in the register is NOT CHANGED so it is possible to only change specific parameters.

11. QDRIVER SYSTEM OPTIONS command. It is now possible to read and write system options using QDRIVER with command: COMMAND=D17 (Download System Options). It will return 16 records containing the SYSTEM OPTION. The options can be changed and sent back.

SYSTEM OPTIONS RECORD

FIELD 1 -> Fixed to 17 which is the ID for a SYSTEM OPTIONS record.

FIELD 2 -> Options Block Number (1 to 16, each block has 32 options)

FIELD 3-34 -> 32 Option values (Empty or 0 or 1) starting from Option 1 for block# 1, Option 33 for block# 2, Option 65 for block# 3 etc. When the Option field for a specific Option is left empty the value in the register is NOT CHANGED so it is possible to only change specific options.

12. SYSTEM OPTION 258, Taxable Rounding for CZ. This option now also works with other types of rounding (PARAMETER 91).
13. SYSTEM OPTION 370, SUBTOTAL before taxes. When set the register will print the SUBTOTAL before taxes. It removes the taxes and special discounts. It will use GENERAL TEXT# 54 (NET Sales).
14. SYSTEM OPTION 371, Auto Skip Network Register. When set and a network report is taken the register will automatically skip the register which are not responding. At the start of the report the register on which the report is taken will check which registers are online. The register numbers which are found are printed at the start of the report.

15. SYSTEM OPTION 372, ORDERMAN Open Table List Request. When set the register will activate the OPEN TABLE request in the Orderman handheld (update database must be done in order to activate!!) and will respond with the Open Tables List when the Orderman does the request. Note that version 2.50 or newer must be installed in the Orderman System.
16. ORDERMAN GANG SYSTEM. From this release the register supports the "GANG" system in the ORDERMAN handheld using the CATEGORIES. When updating the DATABASE the register will check the last 20 modifiers starting from the LAST MODIFIER – 1 (which is reserved for open text entry!) and if OPTION 2-4 "Course Information" is set these modifiers will be sent to the Orderman and used for the "GANG" system. There are maximum 20 categories. When less are required only activate the last ones in the modifier file.
17. QMOS COURSE SYSTEM. From this release the register supports the "COURSE" system in the QMOS handheld. It is possible to select COURSE 0 to 5 in the QMOS. COURSE 0 is default. COURSE 1 will use the LAST MODIFIER – 6, COURSE 2 the LAST MODIFIER – 5 etc. There are maximum 5 COURSES. When less are required don't activate the COURSE option 2-4 in corresponding modifier.
18. The register will now check the QMOS version so the correct PLU DATABASE record is sent during the DATABASE updating because the record was changed after version 4.05.
19. When using QPROG 1.75 it is possible to increase the number of Clerk SIGN ON/OFF times to 32 instead of 16.

SOLVED PROBLEMS:

1. When SYSTEM OPTION 231 (Print Tax Sign) was set the register would not print the sign for modifiers with a price.
2. When OPTION 358 (Repeat Condiment Entry) was set and an article was selected using a WINDOW the register would display 2 instead of 1 on the operator display when it requested the condiments for the second article.
3. When SYSTEM PARAMETER # 1 (Computer Port) was set to ZERO and PLU maintenance of a PLU file with scan codes was done using a computer connected via LAN the register would ask you to confirm using the cash register keyboard when changes were sent.
4. When using KP single tickets and modifiers with price the register would print the modifier with price on all tickets. Now it will print one ticket when modifier with price is used and a quantity is entered.
5. When using a modifier with a variable text in a condiment selection and after this modifier a modifier with price was entered the sign could be wrong.

RELEASE QC080718

NEW FEATURES:

1. It is now possible to use TENDER OPTION 2-7 (Rounding on Tender) in combination with SYSTEM OPTION 222 ("Slovakian NRG Calculation").
2. SYSTEM OPTION 373, PLU# Key used for Repeat. When set the PLU# key will repeat the last entered PLU# when pressed without entry. Note that it will disable the PLU LIST function of the key.

SOLVED PROBLEMS:

1. SYSTEM OPTION 258 (Taxable Rounding for CZ) has been corrected so the rounding is divided between the taxes used except the zero tax itemizer.
2. When a manager booked on table opened for training it was reported in the standard report which resulted in wrong reports because the sales didn't match the tender.

RELEASE QC080814

NEW FEATURES:

1. SYSTEM PARAMETER 91. New type of rounding 00/00 for Indonesia which is programmed as type 10. When programmed amounts will be rounded down to 00. (1.01-1.99 = 1. 00)

SOLVED PROBLEMS:

1. In release 080718 the SPLIT BILL function wouldn't print an INVOICE.
2. It was possible to use the TRANSACTION REFUND in combination with the TENDER CORRECTION function which results in a ticket with the TRANSACTION REFUND text printed twice.
3. When a table was re-activated by a manager and OPTION 34 (Balance Fixed to Clerk) set the original clerk was not restored so additional operations like discount were reported in the manager report.
4. When a table was re-activated which was paid with more then 1 tender function only the first tender and third function were removed from the report.
5. When using a BALANCE VOID by window (OPTION 253) and ADDON TAX was used the register would report the voided amount including tax in the correction report. This has been changed so the NET amount is reported like with a normal VOID.
6. When a direct printer was used and the balance text was printed the register would use the small font for the table# on the receipt.
7. When a BITMAP file larger the 800x600 was used as screen saver it could happen that the program was corrupted when the screen saver was activated. It is advised to so use a bitmap of 800x600 or smaller because a larger bitmap is not displayed anyhow.

RELEASE QC080909

NEW FEATURES:

1. SYSTEM PARAMETER 91. New type of rounding 100-199. When you program as rounding a value between 100 and 199 the register will use the last 2 digits as the rounding point.

Example:

AMOUNT	PARAMETER 91	RESULT	
150	100	200	Will always round UP
151	100	200	Will always round UP
150	199	100	Will always round DOWN
151	199	100	Will always round DOWN
150	150	100	Will round DOWN
151	150	200	Will round UP

2. SYSTEM PARAMETER 91. New type of rounding 200-209. When you program as rounding a value between 200 and 209 the register will use the last digit as the rounding point.

Example:

AMOUNT	PARAMETER91	RESULT	
105	200	110	Will always round UP
106	200	110	Will always round UP
105	209	100	Will always round DOWN
106	209	100	Will always round DOWN
105	205	100	Will round DOWN
106	205	110	Will round UP

3. SYSTEM OPTION 374 (Remove Trailing Spaces). When set the register will remove the trailing spaces from function texts and article descriptors. This can be useful when you have a narrow printer because trailing spaces can cause the printer to advance to the next line.
4. SYSTEM OPTION 376, Print EC on Copy Receipt. When set the register will print the items which were corrected using the EC function on the Copy Receipt and Network Printers.
5. A change has been made for the SWEDISH POINT terminal so the record sequence as sent by the Linux CEPA program are also accepted. See also EFT_SWE.DOC.

SOLVED PROBLEMS:

1. When OPTION 1-7 (Print Zero Amounts) in the TAX function was set the taxable amount was not printed when the TAX was zero.
2. When SYSTEM OPTION 370 (SUBTOTAL before taxes) was set the register wouldn't print the SUBTOTAL before taxes on a copy receipt or network printer.
3. When a refund was done and then corrected on the QMOS before the order was sent the article was re-ordered.
4. It could happen that the register calculated an automatic balance discount when subtotal was pressed. When the subtotal was printed (SYSTEM OPTION 140) this could result in a wrong subtotal amount. The discount was not processed but only used for the subtotal.

RELEASE QC080915

NEW FEATURES:

1. The reset mode or calibration mode is only started when the touch down is 5 centimeter from the edge of the screen.
2. XFAX type 52 also as 2nd DEBET reader.

RELEASE QC080925

NEW FEATURES:

1. SYSTEM PARAMETER 122, Fiscal Printer Port. The QPRINT FM can be activated by specifying the port# in the parameter. Note that the Fiscal printer is only required in certain fiscal countries and also requires that the printer is connected. So if not needed DON'T this parameter MUST be set to ZERO!
2. SYSTEM OPTION 379, Display Delivery/Room Info. When set the register will display all information for the Delivery/Room so it is possible to check the programmed name.
3. New OPTION 1-7 (Discount Time Controlled) in the SPECIAL ITEMIZER function. This option can be used to control automatic Special Discount (option 1-1 set) by time period. When set the register will check GENERAL TEXT #107 for the START and END time for the special discount. You can program a start and end time in 24 hour format (hh:mm;hh:mm). When you program for example "11:00;16:00" the Special discount is active from 11:00 AM until 4:00 PM. The start and end time are separated by a semicolon ';'.
 - It is now possible to activate more than one GST TAX (Tax Function Option 1-3).
5. New Tax Function OPTION 2-3 (Tax Activation Required). When this option in a TAX function is set the register will only calculate (and add) the tax when it is activated by pressing the corresponding TAX SHIFT key for TAX1 (key code 276) to TAX 4 (key code 279) is pressed. If the TAX SHIFT key is not pressed before payment the TAX is not calculated.
 - This function can be used for a manual activation of a GST tax. For example when you want to add a manual gratuity amount to a sale you can do that by reserving a tax function with option 1-1, 1-3 and 2-3 set and press the corresponding TAX SHIFT key before payment.

- It is possible to toggle the tax by pressing the TAX SHIFT function. When enabled the register will display the TAX name. When disabled the register will display the TAX name with PROGRAMMING TEXT# 97 ("No").
- You must SET SYSTEM OPTION 156 (Tax Shift Reset after Sale) and NOT SET SYSTEM OPTION 155 (Tax Shift Reset after Item) else it will not work.

SOLVED PROBLEMS:

1. From release 080718 the SPLIT BILL function wouldn't print an INVOICE when Clerk Interrupt was active.
2. From release 08078 the factory test would not print correctly when the default printer activated when no printer was programmed was used.

RELEASE QC080930

NEW FEATURES:

1. New Balance Function OPTION 2-6, Transfer to KP7 & KP8. This option is only valid for the TRANSFER BALANCE (1-3 is SET and 1-1,1-2,1-4 are not SET) and TRANSFER ONLY (1-3 and 1-4 are SET and 1-1 and 1-2 are NOT SET) function. When set the register will issue a TRANSFER ticket on KP7 and KP 8 when programmed.
2. When OPTION 206 (Currency point on Operator Display) is set the register will now show the entry in a decimal format with thousand separators. So an entry of 100000 will be displayed as 1.000,00 when decimals are set to 2.
3. When programming SYSTEM OPTIONS or REGISTER STATUS (MODE 99) it is now possible to set or reset the option or register status by entering 0 or 1 on the ENTER key. This can be useful when you want to make a macro which sets or resets a specific option. When no entry is done the option or register status is inverted as before.
4. New Price Level Function OPTION 1-7, Tax Shift Transaction. When this option is set in combination with OPTION 1-1 (Tax Shift) this function can be used to shift the tax in the complete transaction when pressed before closing the transaction.
 - It will only shift the TAX and not change the PRICES of the articles already ordered.
 - It will only shift the TAX in the CURRENT transaction so when used in combination with balances the tax already stored on the balance is not shifted.
 - Don't forget SYSTEM OPTION 30 else the TAX SHIFT will stay active!!
5. Because the root directory on the sd-card used in the Quorilog device can only have maximum 512 directory entries the register will now create a directory for each year in the root when using command 128 for writing reports or data to the card. So instead of creating a directory "/YYMMDD/" it will now create a directory "/YYYY/YYMMDD/".

SOLVED PROBLEMS:

1. From release 080909 the orders from QMOS were not processed. This was caused by the change for the correction of a refund problem.
2. When SYSTEM OPTION 328 (Plu Extra Caption on Receipt and Slip) was set the register would always use the base font and not the font programmed for PLU.
3. In release 080925 the Department tax selection was fixed. This was caused by a test routine for the Fiscal Printer.

RELEASE QC081009

NEW FEATURES:

1. New Balance Function OPTION 2-7, Transfer to KP1 to KP6. This option is only valid for the TRANSFER BALANCE (1-3 is SET and 1-1,1-2,1-4 are not SET) and TRANSFER ONLY (1-3 and 1-

- 4 are SET and 1-1 and 1-2 are NOT SET) function. When set the register will issue a TRANSFER ticket on KP1 to KP 6 when programmed.
2. New Price Level Function OPTION 1-7, Tax Shift Transaction. When this option is set in combination with OPTION 1-1 (Tax Shift) this function can ONLY be used to shift the tax in the complete transaction. The register will only shift the tax when the function is used before payment. When you make the default price level a tax shift it will always shift unless you disable it by selecting another non shift level before payment. In this way it can be used for activating a tax for take away items.
 3. First test version which can control an ETHERNET Printer which supports TCP/IP. It still has to be tested how the printer reacts when more than 1 register are connected to it because the printer has to do the spooling.
 - Note that it is still in TEST phase!
 - When the register cannot connect to the printer it will give error 43 after 20 seconds.
 - When you specify as printer port a value of 250 to 255 the register will assume it is a TCP/IP printer.
 - For the moment GENERAL MESSAGE# 107 to 112 are reserved for programming the IP address and PORT#.
 - The IP address and Port Number are programmed as "xxx.xxx.xxx.xxx:port". For example : "192.168.1.110:9100"
 - GENERAL MESSAGE# 107 holds the IP address and PORT# for printer port 250.
 - GENERAL MESSAGE# 108 holds the IP address and PORT# for printer port 251.
 - GENERAL MESSAGE# 109 holds the IP address and PORT# for printer port 252.
 - GENERAL MESSAGE# 110 holds the IP address and PORT# for printer port 253.
 - GENERAL MESSAGE# 111 holds the IP address and PORT# for printer port 254.
 - GENERAL MESSAGE# 112 holds the IP address and PORT# for printer port 255.
 - For example when you are using an EPSON TM-88 which has an Ethernet port as a receipt printer you must program 3 in PARAMETER# 9 and 250 in PARAMETER# 10. The IP address and PORT number are then programmed in GENERAL MESSAGE# 107. For example "192.168.1.100:9100". For setting the IP address in the printer please refer to the printer manual and tools.
 4. The manual tax suppress function can now also be used in combination with GST tax (OPTION 1-3) functions. See SYSTEM OPTION 158 (Tax shift used as manual TAX EXEMPT) and TAX functions on how to activate it.

SOLVED PROBLEMS:

1. Sometimes the DALLAS CLERK LOCK controller sent a code of all zeroes when it could not detect the lock correctly instead of the correct code which could cause the register to select the wrong clerk. The register will now check for zero codes and in order to avoid selecting the wrong clerk don't accept them.

RELEASE QC081010

SOLVED PROBLEMS:

1. When SYSTEM OPTION 329 (Enhanced Seat Number System) was set and Special itemizers or VAT itemizers were used in the system the register wouldn't not release the table/seat on other registers in the network when an order was made. This caused that only on the register where the last table/seat order was made the invoice could be printed. The table/seat was only released in the other registers when on the register where the last order on the table was made another table was opened.

RELEASE QC081021

SOLVED PROBLEMS:

1. When SYSTEM OPTION 329 (Enhanced Seat Number System) was set a special itemizer discount was always given on the total of seat# 1 when another seat was selected.
2. The changes made for the Ethernet printer caused that the TEST webpage was not displayed in a browser anymore.
3. From release QC080925 it was not possible to take User Report# 1 in training mode. This was caused by the Fiscal Printer routines activated by SYSTEM PARAMETER 122 (Fiscal Printer Port).

RELEASE QC081030

NEW FEATURES:

1. Price Level can now be down/up loaded using Qdriver.

PRICE LEVEL RECORD

FIELD1 -> Fixed to 300 -> Price Level File ID

FIELD2 -> Price Level Record number

FIELD3 -> Price Level Descriptor max length 25 characters

FIELD4 -> Option1 (1 to 8)

FIELD5 -> Option2 (1 to 8)

FIELD6 -> Print Option1 (1 to 8)

FIELD7 -> Print Option2 (1 to 8)

2. Menu function can now be down/up loaded using Qdriver.

MENU RECORD

FIELD1 -> Fixed to 600 -> Menu File ID

FIELD2 -> Menu Record number

FIELD3 -> Menu Descriptor max length 25 characters

FIELD4 -> Option1 (1 to 8)

FIELD5 -> Option2 (1 to 8)

FIELD6 -> Print Option1 (1 to 8)

FIELD7 -> Print Option2 (1 to 8)

FIELD8 -> Menu Price

FIELD9 -> Number of Articles in the List (maximum depends configuration) .

FIELD10 -> Quantity 1

FIELD11 -> Article number 1

FIELD12 -> Quantity 2

FIELD13 -> Article number 2

||

FIELD32 -> Quantity 12

FIELD33 -> Article number 12

3. SYSTEM OPTION 275, Suppress Tender Rounding Print. When set and rounding is done on the Tender Function the rounding is not printed on the receipt but is only reported. Note: This option was used in Fiscal Systems for activating Report Rounding by Tender.

4. SYSTEM OPTION 381, Display Rounded Subtotal. When the SUBTOTAL key is depressed the amount shown will be rounded. This can be used to display a rounded subtotal when rounding on tender function is used.
5. The new Price Level Function OPTION 1-7, Tax Shift Transaction will now also print the Level Name on the top of the Kitchen Printer Tickets. It will use the FONT as programmed in the function.
6. The register will now also sent the Graphic Logo to the Handheld Invoice Printer when active.

SOLVED PROBLEMS:

1. When the TIME was stored on the balance and PARAMETER 140 was used it could happen that all empty tables following a table of which the color was inverted had a wrong text color.
2. The function Divide Bill wouldn't print the extra invoices when option 2-3 (Suppress Invoice#) was set in the function.
3. When the balances were updated at payment the balances used for training were also included in the Sales Reports when paid.
4. When SYSTEM OPTION 329 (Enhanced Seat Number System) was set and correction was done using a Window (OPTION 253) the register would remove the item from the seat but update the wrong seat total.

RELEASE QC081105

NEW FEATURES:

1. The new Price Level Function OPTION 1-7, Tax Shift Transaction will now also print the Level Name on the top of the Kitchen Printer Tickets when 1-1 is not SET.. It will use the FONT as programmed in the function.
2. SPECIAL ACTION TABLES, when OPTION 2-1 (Update Articles) is SET in an action table which has no article list the register will now also update the reports. It will update the action in the articles which triggered the action table according to ratio.
3. SPECIAL ACTION TABLES, it is now also possible to use articles register using an INSTORE code (scanned or manually entered) in an action table.
4. SYSTEM OPTION 382, Drawer# 3 External. When set it is possible to connect 3 drawers to the register. The third drawer must be connected to the External Receipt Printer. When Drawer# 1 and Drawer# 2 are BOTH SET the register will use DRAWER# 3 which must be connected to the External Receipt printer. For Drawer# 1 or Drawer# 2 it will use the internal connectors.

SOLVED PROBLEMS:

1. When a balance opened with direct INVOICE function (1.1 and 1.2 SET) it was possible to press the SPLIT key and SPLIT ITEMS. These items were removed from the table but not from the table total.

RELEASE QC081114

SOLVED PROBLEMS:

1. When option 1-3 (Variable Text) and 2-3 (Store on Balance) were BOTH set in a modifier function it was stored on the balance and displayed wrong information when splitting or correcting using a window. Although 1-3 and 2-3 is an invalid combination they are not stored anymore to avoid problems.
2. Error Correct was always printed on receipt and slip. This was caused by Fiscal Printer Routines (080925) which disabled System OPTION 376 (Print Error Correction).

RELEASE QC081209

NEW FEATURES:

1. SYSTEM PARAMETER 149, External Function Key Macro's. When non zero the register will process the function keys F1 to F12 on an external (QWERTY) keyboard as macro's starting from the macro number as programmed. When set to 1 function key F1 will execute macro# 1 and F12 will execute macro# 12. The macro's are only executed when the central lock is in RG or MG position because function key F1 to F4 are also used as program keys.
2. In the SPLIT and CORRECTION table window modifiers are marked with '+' so it is easier to see the difference between an article and a modifier with price which is linked to the previous article.
3. When OPTION 338, 339 or 334 is set and a CLERK TRANSFER of balances is made the register will now show the transferred amount as negative in the receiving clerk and positive in the transferring clerk. This is done so the transferring clerk gets the turnover in his report.
4. New EFT type 4 (Cardstar Geldkarte Terminal) for Germany.
5. New EFT function for Singapore NETS terminal with OPTION 1-7 and 1-8 bit set. When both option 1-7 and 1-8 are set the register will use command 26 instead of 25.
6. SPECIAL TOTALIZER FUNCTION# 1 OPTION 1-6, Automatic Service Charge. When this option is set in Special Totalizer Function# 1 the register will automatically accumulate the NET BALANCE sales (without taxes) in Special Itemizer# 1 and calculate a SERVICE CHARGE using the total.

NOTE: The service charge is ONLY calculated for BALANCE SALES and only when the OPTION is set in Special Itemizer Function# 1. This was originally developed for the fiscal version for Venezuela.

7. SYSTEM OPTION 100, Always Partial Cut on Internal Printer. This option is now also used for External Printers. When this is option is NOT set the register will now always issue a FULL CUT command for the external printer. When SET the printers which support the partial cut will issue a partial cut for the KP tickets.
8. The register will re-display the condiment table when a variable text modifier is used in the condiment table and the option stay down window is set.
9. The register will use the start colors for the condiment table when it is re-displayed because of an error.
10. NEW PRINTER TYPE 21. This printer type can be used for any printer and will always format the line for 40 char with CR/LF and NOT use any control characters. Instead of a cut command (Receipt End) it will print a line of "++++++.. +++" (40 char) like on the journal.
11. SYSTEM PARAMETER 125, Transaction Logging Device. When SYSTEM PARAMETER 125 is set to 3 the register will send a copy of the transaction buffer in the Electronic Journal format to the port/printer as specified in SYSTEM PARAMETER parameter 126. The port number programmed in parameter 126 has the same format as used for printers so 22 means port#2 of register# 2 and 250 means TCP/IP printer. The only difference with the Electronic journal format are field# 1 and field# 2. Field# 1 is fixed to 250 to identify the record type and field# 2 is the record number within the transaction instead of the record number within the report.

FIELD 1	-> Fixed to 250 (Transaction Journal ID).
FIELD 2	-> Sequential Record Number within Transaction
FIELD 3	-> Location + Register Number.
FIELD 4	-> Date formatted according to application setting.
FIELD 5	-> Time formatted according to application setting.
FIELD 6	-> Receipt Number.
FIELD 7	-> Salesperson Number when active in application.
FIELD 8	-> Balance Invoice Number. When Invoice without number fixed to 65534.
FIELD 9	-> Balance Type (table=249, room=250, account=251).
FIELD 10	-> Balance Number.
FIELD 11	-> Clerk Number.
FIELD 12	-> Function Type.
FIELD 13	-> Function Number.
FIELD 14	-> Function Text.
FIELD 15	-> Quantity.
FIELD 16	-> Amount.

SOLVED PROBLEMS:

1. When SYSTEM OPTION 328, Plu Extra Caption on Receipt and Slip was set the second caption was not printed when the PLU was part of a menu.
2. A modifier programmed as a PLU which was sent to a Kitchen printer using the modifier KP flags printed the PLU number instead of the PLU text on the KP.
3. When option 2-3 (Suppress Invoice#) in the Balance Invoice function was set and a split invoice was made using this function the report total of this function was not updated.
4. The VOID function would only update the Customer Count once when OPTION 20 (Don't Consolidate Transaction Buffer) was NOT set.

RELEASE QC081218

NEW FEATURES:

1. SYSTEM OPTION 384, Alfa Search Active. When set the register will allow an alphanumeric search in function menu's.
 - When menu are used (OPTION 195) the register will show an extra "ABC?" button on the menu which can be used to do an alphanumeric search within the menu. You must press the button to activate the QWERTY keyboard and then you can enter a string to filter the menu.
 - When you have an external QWERTY keyboard connected you can enter the string and then press the menu function instead of entering the function number to start the search.
 - When you have a NUMBER ENTRY function (key code 256) you can activate the alpha keyboard by pressing the key without entry and when finished press the key again. The entered string is now in the entry buffer and you can press the menu function to start the search.
 - When the filter string is longer than 3 characters the register will look for the entered string in the complete function text. When the entered filter string is smaller than 4 characters the register will only check the start characters of the string.
 - The search is Case Sensitive!!

SOLVED PROBLEMS:

1. When backup or restore program from USB stick was used the register wouldn't store the file with the keyboard bitmaps.
2. DANCARD routines updated for PORA functions.

RELEASE QC081222

NEW FEATURES:

1. MODIFIER FOR BALANCE KP RE-PRINT. When MODIFIER OPTION 2-2 is SET this modifier can be used to re-print a KP ticket for an order already stored on a balance. When the balance is opened and this modifier is selected the register will re-print all KP tickets for the KP's activated in this function. The MODIFIER name is printed on top of the KP tickets using the FONT as programmed in SYSTEM PARAMETER 68 (Balance Number KP font). This function can be useful to inform the kitchen that an order can be served or prepared.

SOLVED PROBLEMS:

1. When using a TCP printer in combination with Floating balances the network could slow down.
2. DANCARD routines updated for PORA functions in combination with Balance Deposit option.

RELEASE QC090109

NEW FEATURES:

1. A special FTP TURNOVER REPORT (User Report# 120) can be activated using QPROG 1.76 or newer. In this special report the register will store the transaction tender totals (and optional transaction tax totals) by time period. See QMP_FTP.DOC or QPROG Help for more details.
2. New German EFT type 3 for ELV payment which issues a complete receipt copy and asks for ID with General Message# 104.
3. It is possible to Read/Write Endorsement Messages using QDRIVER with command 253.
4. TRANSACTION REFUND with Extra Message. When in a correction function of type TRANSACTION REFUND (1-3 SET) Option 2-4 is also set endorsement #4 is printed. This can be used to print a special messages or signature line in case of a transaction refund.
5. SYSTEM PARAMETER 142, INFO Endorsement Message#. It is possible to display special operator information using a special endorsement message which is programmed in a specific format. In this parameter the ENDORSEMENT MESSAGE# is programmed which is used for these special INFO Messages. Each message uses 3 lines. The first line is used as Window title and the other 2 as message. It will use the font as programmed. Also set OPTION 321 for opening a Window with the message! When you program a value in those parameter the register will ALWAYS display:
 - Message# 1 (LINE 1, 2 & 3), Message at Power Up.
 - Message# 2 (LINE 4, 5 & 6), Message at start of a Z-report which could be used for paper check.
 - Message# 3 (LINE 7, 8 & 9), Message for check Cash In Drawer Limit.
 - The format of line 7 is specific:
 - D;AAAAA;Window title
 - D = Drawer Function to be checked. Standard, Period 0 amount is checked.
 - ; = field separator
 - AAA = Maximum Amount
 - ; = Field Separator
 - Window Title
 - Message# 4 (LINE 10, 11 & 12), Message at End of Cash Declaration in Report Macro for confirmation.
 - Message# 5 (LINE 13, 14 & 15), Message at end of a Z-Report End in Report Macro for reset confirmation.
6. PORA FUNCTION new "COUPON" OPTION 2-4 in the PORA function.
 - For ISSUING a COUPON you must program the PORA function as a RECEIVED ON ACCOUNT function with OPTION 1-5 SET and 2-4 SET. You enter the amount of the COUPON on the function and when the transaction is finalized the register will issue a COUPON for every entry done. On the COUPON the RECEIPT Logo & Header, Amount with GENERAL TEXT# 93 ("Coupon:"), a barcode and the Time and Date of issuing is printed. The maximum COUPON amount is 999,99 or as programmed in the Entry Limitation.
 - For PROCESSING a COUPON you must program the PORA function as a PAID OUT function with OPTION 1-5 NOT SET and 2-4 SET. When you want to process a COUPON you must press the function WITHOUT entry and then the register will prompt (GENERAL TEXT# 93) you for entering the COUPON number either manually or by scanning the barcode. The register will check the entered or scanned code and when valid it will process the COUPON.
 - It is possible to use the function as "Single Item" when OPTION 1-6 is NOT set.

- In GENERAL TEXT #99 the START, END of the barcode and the FUNCTION number used for processing a Coupon Barcode must be programmed. It is fixed to 4 digits START and 3 digits END code and 2 digits function number (KKKKEEE##). When "888898804" is programmed the START (KKKK) will be 8888 and the END (EEE) will be 988 and the Coupon function number (##) is PORA function #4.
 - Automatic Coupon Scanning. The barcode can be scanned and automatically processed on a special PORA function. The number of the function can be programmed in GENERAL TEXT# 99. The register will check if the EEE field of the code matches the EEE field as programmed SPECIAL TEXT# 99 and process the code as if it was entered manually on the programmed function#.
 - The barcode format is ITF (Interleaved 2 of 5) with fixed 20 digits.
 - KKKKNNNNXXXPPPPPEEEEC
 - KKKK = cost center. These are the first 4 digits as programmed in GENERAL TEXT# 99.
 - NNNN = These are the last 4 digits of the receipt number when the Coupon In/Out File is NOT ACTIVE active. When the Coupon In/Out file is ACTIVE it is a special coupon issued number which is incremented with each coupon issued.
 - XXX = These digits are always 0.
 - PPPPP = Price in Cent (max 999,99 Euro)
 - EEE = END Digit numbers 5, 6 and 7 as programmed In GENERAL TEXT #99.
 - C = Check digit (Modulo 10, Weight 1313131313131313131)
7. PORA FUNCTION new "COMPULSORY NUMBER" OPTION 2-6 in the PORA function. You must enter the amount on this function and then the register will prompt you for the number (coupon code) (GENERAL TEXT 48) which can be entered manually or scanned.
8. COUPON IN/OUT FILE. With QPROG 1.73 or newer you can activate a special Coupon In/Out file which is used to store the ISSUED and RECEIVED coupon codes.
- Report# 111 is a fixed report which will report the contents of the file.
 - It will first report the ISSUED coupons and then the RECEIVED coupons.
 - The report can be taken by computer. The format of the coupon record is:
 - 1;1;0;111(fixed);1;number;date;type (1=issued, 2=received);amount
 - 0;0;0;0;2;"Coupon File";"X";" "
 - 1;1;0;111;1;"#88880001";"23-04-2008";1;2,00
 - 1;1;0;111;2;"#88880208";"23-04-2008";2;12,34
 - 0;0;0;0;4;"X-Zähler :000002";2
 - 0;0;0;0;6;"Mittwoch 23- 4-2008";"21:18:44";1
 - 0;0;0;0;0;"Beendet!";0
 - When a coupon is received is checked if it has been already stored in the file. ERROR# 1 (INVALID ENTRY) is given when the coupon is already stored.
 - GENERAL TEXT# 97 is issued for the ISSUED COUPONS in the Report.
 - GENERAL TEXT# 98 is issued for the RECEIVED COUPONS in the Report.
 - ERROR# 72 ("Coupon File Full") is given when the file is full. When the file is full it is not possible to issue or receive coupons!
 - GENERAL MESSAGE #105 (Coupon File) is used as Coupon Report Name.
 - When active the register has a special Coupons Issued counter which is incremented when a coupon is issued.

9. **SPECIAL REPORT MACRO.** The special report macro can be used to link cash declaration and reports so it is possible to make a day closing procedure.
 - MACRO OPTION 1-7, Report Macro. When set this is a REPORT MACRO. The numbers in the list are the report numbers. The lock codes are still active to specify the lock positions.
 - MACRO OPTION 1-8, Cash Declaration. When set (1-7 must also be set) the first number in the list is the CASH DECLARATION function number. This is a DRAWER function with OPTION 1-8 (Declaration) set.
 - MACRO OPTION 2-2, Reset Reports. When set the MACRO will ask if the report must be reset when the macro is finished. If confirmed the report will be reset and also stored in the REPORT JOURNAL when in the USER REPORT OPTION 2-6 is SET. Note that in the macro the report is first taken in X-mode.
 - The cash declaration and special report (E-Journal) are always printed on separate receipts all other reports in the list are on the same receipt when they follow each other.
 - SPECIAL INFO MESSAGE# 2 (see System Parameter 142), when the report macro is started the register will ask if the printer has enough paper(line 4, 5 & 6 of the special INFO endorsement message).
 - SPECIAL INFO MESSAGE# 4 (see System Parameter 142), when the cash declaration (OPTION 1-8) inside the macro is finished the register will ask if the entry was OK (line 10, 11, & 12 of the special INFO endorsement message).
 - SPECIAL INFO MESSAGE# 5 (see System Parameter 142), when the macro is finished and OPTION 2-2 is set the register will ask if it should reset the reports inside the macro (line 13, 14, & 15 of the special INFO endorsement message).
10. **REPORT JOURNAL.** When activated in QPROG 1.75 or newer the register will store all Z USER REPORTS with OPTION 2-6 SET in this journal for computer processing. In this way the computer report is an exact copy of the printed Z-report and the report can be read later. It will also shorten the communication times of large reports because the report is already stored so the register doesn't have to check the totals during the communication.
 - When the Report Journal is full Error Message# 73 is given and the report is aborted.
 - One report line will use +/- 81 bytes.
 - The report can only be taken by a COMPUTER USER REPORT 199 using QDRIVER.
 - The Report Journal can only be reset by computer report 199 in Z or C mode or in P-mode by entering 199 on the report key.
 - When the report is taken using a REPORT MACRO it marks the report as 'M'.
 - When it is taken as a normal Z report it is marked as 'B'.
 - Only USER reports can be stored in the Report Journal.
 - Special reports like E-Journal, Coupon Report etc are not stored in the Report Journal.
11. **SAVE CASH DECLARATION START AMOUNT.** When in the DRAWER TOTAL configuration of PERIOD# 1 the TAX field is activated the register will store the entered cash declaration amount in this field when the report is reset so it is used as start amount for the next report. General Text# 106 is printed on the report.
12. **SPECIAL QUANTITY ENTRY ON BALANCE.** When you set the PRICE LEVEL in a BALANCE file to 255 the register will ask for the Quantity when an article is registered by keyboard or scanner (You need QPROG 1.75 or newer for programming level 255 or else program it on the register). This was made to make stock taking easier when a balance was reserved for stock taking. You can now first scan the item and then enter the quantity. The balance reserved for stock taking can be read by and reset by computer later.

SOLVED PROBLEMS:

1. If you did a Delivery Re-Order in combination with system option 379 set, the address details would be shown twice.

RELEASE QC090121

NEW FEATURES:

1. SYSTEM OPTION 387 Display Binary EJ by Clerk. When set the register will display only the transactions in the electronic journal for the selected clerk. In this way it is easier for the clerk to find his transactions when for example a copy receipt is needed. When in MANAGER mode (lock or clerk) it will still display all transactions.
2. New EFT type 42 for Singapore NETS terminal with Interface Version 1.05.
3. TENDER OPTION 1-3, TIP Function. When set this function can be used to enter an amount (TIP) before payment.
 - The amount is printed and added to the transaction total and will only be reported in the tender and drawer totals.
 - The amount entered is reported negative.
 - OPTION 1-3, 1-5 and 2-8 must be set.
 - OPTIONS 1-4, 1-6, 1-7, 1-8, 2-2 and 2-7 must NOT be set.
 - It is possible to correct the entry using the VOID function.
 - When the amount is entered the transaction MUST be finalized by another TENDER function so when used in combination with balances it can only be used when the balance is paid.

SOLVED PROBLEMS:

1. When time was stored on a balance and SYSTEM OPTION 92 (Floating Balances) and SYSTEM OPTION 329 (Enhanced Seat System) were both set even on a standalone register it would crash the register when the balance was closed.

RELEASE QC090122

SOLVED PROBLEMS:

1. New EFT type 42 for Singapore was not working as expected.

RELEASE QC090123

SOLVED PROBLEMS:

1. When OPTION 1-1 (Tax Shift) and 1-7 (Shift Transaction), the price Level selection done by CLERK or CLOCK was not done.

RELEASE QC090130

NEW FEATURES:

1. SYSTEM OPTION 388 Scancode Update in Transaction. When scancodes are used and new codes are created by computer during registration it could happen that a transaction which was on HOLD showed the wrong PLU names when recalled. When this option is set the register will:
 - Store the scancode in the HOLD buffer so when recalled it will use the code instead of the index number to recall the PLU.

- When the PLU scancode is not found because it has been deleted it will always use the LAST department name.
 - When the computer sends a PLU MERGE command when the register is in transaction it will be executed when the transaction is finalized.
 - When a COPY receipt is made and the BINARY Electronic Journal is active (and the Receipt Copy Buffer is NOT active) the register will re-call the transaction from the electronic journal when the scancodes are stored and a copy receipt is made.
2. When QPROG 1.77 is used it is possible to activate a RECEIPT COPY BUFFER in the configuration. This buffer can be activated when PLU scancodes are used and new codes are created by computer during registration. The register will always store the LAST receipt with scancodes so when a copy receipt is made the PLU names are always correct (when the code is not found the last department name is used). The maximum transaction buffer size for the Qtouch-2/Concerto is 800 lines.
 3. When QPROG 1.77 is used it is possible to activate the option to store scancodes in configuration of the Clerk Interrupt Buffer. This can be activated when PLU scancodes are used and new codes are created by computer during registration.

RELEASE QC090220

NEW FEATURES:

1. SYSTEM OPTION 389, PLU Inventory Inquiry. When SYSTEM OPTION 95 (New Price Key also for Inquiry) is set and OPTION 389 is also set the register will display the current inventory and the price when inventory is active in the PLU configuration and an inquiry is done.
2. SYSTEM OPTION 390, PLU Inventory Warning. When set and PLU inventory with inventory minimum level is active in the PLU configuration the register will display a warning on the operator display when the article is sold and the inventory level is below minimum. Error Message# 69 is used as warning message.
3. PLU by DEPARTMENT in USER Report. When in the USER REPORT LIST option 6 is set and the list is a PLU report the register will print the PLU sorted by department. You can use it in combination with option 3 (Department Range) if only a specific department range is needed.
4. LEASING PROTECTION. First version which supports Leasing Protection. You need the tool QLEASE for activating the Leasing Protection. See QLEASE help for more information.

SOLVED PROBLEMS:

1. When using a maximum scancode length of 16 digits and a PLU was sent with a code of 16 digits using QDRIVER (or QDLL) the register wouldn't accept the code of 16 digits. The maximum code accepted was 15 digits.
2. New EFT type 42 for Singapore was not working as expected for Flashcards.
3. When a TCP printer was offline it would also block transmission of balance data to other registers.

RELEASE QC090224

SOLVED PROBLEMS:

1. Scale type 11 version printout changed according to certificate. "Version: V11.001 ID-Nr.: 1C8B"

RELEASE QC090306

NEW FEATURES:

1. SYSTEM PARAMETER 150, Order ID Barcode Format. When this parameter is NON ZERO and in a TENDER function OPTION 2-5 (Print Endorsment# 2) is set the register will print an EAN 13 barcode on the receipt (when it is supported by the printer!). This number can be used to identify an order because it is also stored in the Electronic Journal.

- The EAN-13 code contains the date and time of issuing so the code is unique.

The format is: XXMMDDHHNNSSC

XX - Code from Parameter 150

MMDD - Month, Day

HHNNSS - Hour, Minute, Seconds

C - CRC

- The register will only print a barcode on the receipt and copy receipts. On all other printers (Journal, E-Journal, Slip) the code is printed as number only with General Text# 48.
- When Endorsement Message# 2 is active and programmed it will also be printed on the receipt so it is possible to print some additional information.
- The number is stored in the BINARY Electronic Journal with Function Type 0 and Number 70.

Example: 103;14;1;6- 3-2009;9:32:55;2;;;;;1;0;70;"Number:";9903060932551;

SOLVED PROBLEMS:

1. Improved string handling on small menu buttons so more information is displayed because important information was sometimes not displayed especially in programming mode.

RELEASE QC090318

NEW FEATURES:

1. SYSTEM OPTION 391, Display Name+ Address for Accounts. When set the register will display info texts when the account text details are entered. These texts can be used to ask for name address etc. The system uses PROGRAMMING TEXTS which can only be changed using QPROG. PROGRAMMING TEXT #118 is used for LINE #1, #119 for LINE# 2, #120 for LINE# 3, #121 for LINE# 4, #122 for LINE# 5 and #123 for LINE# 6.
2. When EASY PROGRAMMING is done the register will now display the PLU name instead of the field name on the operator display when an entry is done.
3. NEW EASY PLU PROGRAMMING TYPE 99. When 99 is entered on the SUBTOTAL key in MANAGER mode it is possible to program all PLU information in a similar way as in normal PLU programming mode. When the PLU is selected the register will open the programming screen. When all information for the PLU is programmed press the EXIT (or TYPE key) and then you can select the next PLU or exit by pressing the SUBTOTAL key without entry. The advantage is that you can look for the PLU in the same way as when you register the PLU. So the alfa search or list key can be used to find a specific PLU.

SOLVED PROBLEMS:

1. When OPTION 239 was NOT set the register would store the Training Clerk in the Binary Journal when Clerk Interrupt was used and a Training clerk was interrupted.
2. There was a problem with COVERS entry using the QMOS. It would always use 1 instead of the covers entered.
3. When the the report was updated at payment of a balance (SYSTEM OPTION 338, 339 or 340) and the balance was paid without printing an invoice the register wouldn't update the tax totals in the report.

RELEASE QC090326

NEW FEATURES:

1. The register now also accepts modifiers for the MENU's.
2. Balance Deposit Function now also works when SYSTEM OPTION 96 is set.
3. Option 2-2 Print Endorsement Message# 1 is set in the function to open a balance the register will print Endorsement Message# 2 when the balance is closed by the balance function.
4. SYSTEM OPTION 392, Store Proforma Table Invoice. When set the register will issue an Invoice Number and also store the Invoice in the Invoice Report when a Balance Invoice is made in Proforma mode.
5. SYSTEM PARAMETER 152, USA Food Stamp Functions. In this parameter you can program the Special Itemizer# and Tender function# which are reserved for food stamp handling.
 - The value programmed is XXY where XX = Tender Function used for FOOD STAMPS and Y is the SPECIAL ITEMIZER used for accumulating the food stamp sales. Example: 62 means that TENDER FUNCTION# 6 and SPECIAL ITEMIZER# 2 are used for food stamps.
 - By linking articles (or departments) to the Special Itemizer used for Food Stamps the system will know how much can be paid by food stamps. For tax handling see SYSTEM PARAMETER 153 (Foodstamp Tax Info).
 - It is possible to print or suppress printing of the FOOD STAMP total on the receipt by setting print options in the Special Itemizer function.
 - Foodstamp must always be used as the first method of payment and can only be used once in a transaction.
 - The tender function used for Food Stamps will not accept entry of cents and will only allow a maximum entry of an amount equal to the rounded up food stamp total.
 - The maximum change (cash) given on food stamps is 99 cents. So when you must pay 1,54 in stamps and you give 2,00 you will get a cash change of 0,46. When you give 3,00 the register will give an error. The change will be reported in the OVERTENDER DRAWER total when active.
 - When SUBTOTAL is pressed the register will display the SUBTOTAL and the FOOD STAMP total on the 2- line operator and 2 -line customer display.
 - Note that you can set OPTION 139 (Subtotal Compulsory) and/or OPTION 1.5 in the Food Stamp Tender function to force entry of the food stamps.
 - When OPTION 1.5 in the Food Stamp Tender function is not set and no entry is done the register will automatically use the rounded up food stamp total as entry.
6. SYSTEM PARAMETER 153, USA Food Stamp Tax Info. When using Food Stamps as method of payment and the foodstampable items are also taxable you can specify here the tax itemizer used. The value programmed is XY where X stands for the processing method and Y stands for the Tax Itemizer used. The following processing methods are available:
 - TEXAS Type, PARAMETER 153 is set to 00. The customer may pay up to the food-stampable amount in food stamps, but any taxes due must be paid in cash.
 - GENERAL Type, PARAMETER 153 is set to 0X. Where X is the Tax itemizer used. The customer may pay up to the food-stampable amount plus its taxes due in food stamps.
 - ILLINOIS Type, PARAMETER 153 is set to 1X. Where X is the Tax itemizer used. The customer may pay up to the food-stampable amount in food stamps, and the amount actually paid in food stamps is tax exempted.
 - NEW JERSEY Type, PARAMETER 153 is set to 2X. Where X is the Tax itemizer used. The customer may pay up to the food-stampable amount in food stamps, and the food-stampable amount is tax-exempted regardless of the actual amount paid in food stamps.
 - When the processing method changes the actual tax the register will print a line with the amount the tax is corrected before the payment.

SOLVED PROBLEMS:

1. When using the INVOICE REPORT in combination with RE-ACTIVATION of TABLES the total of the Invoice issued could be higher then the actual sales because when a table was re-activated the already issued invoice was not reset. Now the system will set the invoice amount of a re-activated table to zero.
2. GENERAL TEXT #107 was already used so or the Lease End Date message# GENERAL TEXT# 108 is now used.

RELEASE QC090406

SOLVED PROBLEMS:

1. When SYSTEM OPTION 256 (Display PLU Price) was set the register didn't display the last digit of the price.
2. The cover function on the QMOS was doubling with every order from the QMOS.
3. When SYSTEM OPTION 360 (Direct TOUCH MENU Entry) was set and a department key was programmed as Open department and PLU list function (OPTION 1-3 Set, OPTION 1-7 NOT Set) the register would not accept the amount entry on the department key but always open the PLU list. Now it will accept the entry as an amount on the department key when OPTION 1-7 is NOT SET.

RELEASE QC090408

Compiled for production version only.

RELEASE QC090409

NEW FEATURES:

1. Test version with improved Linux serial buffer handling to support slow matrix printers.
2. When in the TENDER function used for FOODSTAMPS option 2-2 (NO Overtendering) is SET the register will not round up the foodstamp total to the nearest dollar. In this way you can use the electronic foodstamp card which allows payment in cents.

RELEASE QC090420

SOLVED PROBLEMS:

1. The error message used to indicate a printer error on the Orderman handheld was error message# 34 instead of 35.
2. When using a (Orderman) handheld in combination with a (slow matrix) kitchen printer which was also set to print single tickets it could happen that an order from a handheld was doubled when the order was re-directed to the backup printer.

RELEASE QC090424

NEW FEATURES:

1. SYSTEM OPTION 393, No Z-Report with Open Rooms. When set it is not possible to take a Z-USER or System Report using the keyboard when a Room is still open. It is still possible to take a report by computer.
2. SYSTEM OPTION 394, No Z-Report with Open Accounts. When set it is not possible to take a Z-USER or System Report using the keyboard when an Account is still open. It is still possible to take a report by computer.

3. SYSTEM OPTION 395, Declaration Compulsory Amount Entry. When set it is compulsory to enter an amount when doing cash declaration. When not used you can enter zero as amount.
4. SYSTEM OPTION 396, Always Issue Invoice#. When set the register will also issue an invoice# with a subtotal invoice and store it in the Invoice report when active.

SOLVED PROBLEMS:

1. Exit key was not working when entering balance text in registration mode.
2. The programming keys didn't have the same text color as the alfa keys so when the background was set to black they didn't show.

RELEASE QC090529

NEW FEATURES:

1. FTP function now supports DNS. It is possible to specify the server name instead of the server IP address (See QMP_FTP.DOC for more information).
2. SYSTEM PARAMETER 154, FTP format Singapore. New FTP format type 1, 2 and 3 for Singapore (See QMP_FTP.DOC for more information).
3. SYSTEM OPTION 397, FTP Passive Mode. When set the register tries to make a data connection in PASSIVE mode (PASV command) instead of using the ACTIVE mode (PORT command). In the PASSIVE mode the server determines which port is used for the data connection. When the active mode doesn't work the passive mode can be used which is handled better by most firewalls but note that not all servers support the passive mode.
4. SYSTEM OPTION 398, FTP Port# Increment. When set the register will increment the port number used with every FTP session. The range is from 3029 to 65500.
5. SYSTEM OPTION 400, USB Keyboard Scanner. When set the register will process the TAB key input from the USB scanner/keyboard as scanner input. This can be used when an USB scanner is connected which sends the barcode terminated with the TAB key.
6. SYSTEM OPTION 401, PLU Department# 2 for Report Sorting. When set and the second department is activated in the PLU configuration the PLU report will be sorted to Department# 2 instead of Department# 1 when the option PLU by Department in the report is set.

SOLVED PROBLEMS:

1. When tax printing with gross (1.8) and taxable (1.5 not set) and tax was suppressed (1.6 set) for a tax the register wouldn't print taxable in front of the taxable amount name.
2. When a Tender key was pressed after the CANCEL key without starting a transaction it would remove the last transaction tax total in the report.
3. The ALPHA search (SYSTEM OPTION 384) function was not working when the 4x4 keyblock was on the right side of the screen (SYSTEM OPTION 193 set).

RELEASE QC090610

NEW FEATURES:

1. SYSTEM OPTION 402, Alfa Sorting Active. When set the register will always sort the function menu's/windows according to alfabet using the first letter of the name. The register will sort the menu's from 'A' to 'Z' followed by names starting with other characters ("!", @, # , 0, 1 ,2, etc) . When the Page Up key is pressed it will always restart with 'A'. You can also use SYSTEM OPTION 384 if you want to search for a specific name.

RELEASE QC090707

NEW FEATURES:

1. New EFT tpe 43 for Singapore which supports the Contactless Debit card using CEPAS 2 interface. See EFT_SINGAPORE.PDF for more information.

RELEASE QC090713

NEW FEATURES:

1. New EFT tpe 43 for Singapore which supports the Contactless Debit card using CEPAS 2 interface. See EFT_SINGAPORE.PDF for more information.
2. SYSTEM OPTION 403, Clerk Report No Open Tables. When set it is not allowed for a clerk to take a report when still he has tables open.

SOLVED PROBLEMS:

1. When only OPTION 2-7 (Transfer to KP1 to KP6) was set in a balance transfer function the register wouldn't issue a KP ticket when OPTION 2-6 was not.
2. Orderman now always prints entered amount.

RELEASE QC090721

NEW FEATURES:

1. Changes for EFT function for Singapore NETS terminal.
 - When option 1.4 in a tendering function is set and EFT type is set to 43 command 37 for the contactless card is sent.
 - The register will check for changed card type on terminal with command 24.
 - Receive Buffer size changed to 512 bytes for command 24.

RELEASE QC090826

NEW FEATURES:

1. Activated more then 5 tendering functions in the Orderman setup (flag 12 & 13).

RELEASE QC090828

SOLVED PROBLEMS:

1. When SYSTEM OPTION 145 was set the detailed balance report was not working properly in Z-mode. The balances were not reset and could be mixed up after the Z-report. This problem started in release QC090721.

RELEASE QC090910

NEW FEATURES:

1. SYSTEM OPTION 403, No Open Balances. When set it is not allowed for a clerk to take a report when still he has tables open.
2. SYSTEM OPTION 405, Internal Printer Width minus one. When set the system will format the lines for the internal printer 1 character smaller. This can be useful when the paper doesn't have the correct width.
3. SYSTEM PARAMETER 154, FTP format Singapore. Changes made to FTP format type 3. (see QMP_FTP.PDF)

SOLVED PROBLEMS:

1. When SYSTEM OPTION 234 (Only Open Balances) was and Accounts were used for TABS (SYSTEM OPTION 354) the register wouldn't display all TABS only the ones which were open. Now the register will always display all TABS when OPTION 354 is set.

RELEASE QC090915

NEW FEATURES:

1. New FIXED function "OVERWRITE PRICE" with key code 298. This function works the same as the NEW PRICE key but will also store the entered price in the Article file. So the old price is overwritten. It will also sent the new price to the other registers in the network with OPTION 93 is SET. It will use GENERAL TEXT# 109 for the display.
2. SYSTEM OPTION 408, Overwrite Price under Manager. When set the new function " Overwrite Price" is under manager control.
3. New OPTION 2.6 (Price 3 decimals) in the Department and/or PLU options.
 - When this option 2.6 is set in the department/PLU the register will calculate with a price of 3 decimals. So when you program a price of 1,234 and sell one item the sales price will be 1,23 when you sell two the sales price will be 2,47 ($2 \times 1,234 = 2,468$).
 - The register will print/display the unit price with 3 decimals.
 - This option only works when the number of decimals (System Parameter 59) in the system is set to 2
4. When OPTION 1.6 "Print Info Line" in the department/PLU options is SET and SYSTEM OPTION 364 "PLU Extra Group for Qty Descriptor" is also set the register will use the programmed General Text instead of the default KG (or LB) in the info line. This can be used when for example Liter or Gallons are used in combination with department/PLU option 2.6. When the group is set to ZERO it will use the standard line.

RELEASE QC091005

SOLVED PROBLEMS:

1. When OPTION 289 (Qwerty Keyboard) was set a tender correction or split payment was done using a tender function with OPTION 2-6 (Number Entry) as second function the register would change the function back to the previous function.
2. When SYSTEM OPTION 338, 339 or 340 was set and the FTP report was activated the system wouldn't store discounts in the FTP report.
3. When SYSTEM OPTION 143 or 144 (automatic copy print) SYSTEM OPTION 330 (Portuguese Invoice Printing) was not working anymore.
4. It was not possible to use a Transaction Refund or Proforma function in combination with Table maps.

RELEASE QC091007

NEW FEATURES:

1. New EFT TYPE 102 (Mercury Webservices) for the US market. See EFT_US_MERCURY.PDF for more details.

RELEASE QC091008

NEW FEATURES:

1. SYSTEM OPTION 410, Plu Name# 2 for External Devices. When set the register will use PLU Name# 2 for external Receipt, Journal, Customer Display and Handheld systems. PLU Name# 1 is only used for the internal display.

RELEASE QC091026

NEW FEATURES:

1. SYSTEM PARAMETER 154, FTP format Singapore. New FTP format type 4 for Singapore (See QMP_FTP.PDF for more information).
2. SYSTEM OPTION 411, Always Update Balance Corrections. When set the register will also update the correction report when balance is reported at payment (OPTION 338, 339 or 340 set).
3. When a Tender Correction is done when OPTION 104 (Swiss Input Masking) is set and in the Tender function option 2.7 is NOT SET it is possible to enter cents.
4. New type of VAT Calculation for Czech Republic using coefficient. When OPTION 2-4 in the tax function is set and the tax is of type VAT the the register uses a coefficient for VAT calculation.

COEFFICIENT=RATE/(100+RATE) rounded to 4 decimals

Example VAT = 19.00%

COEFFICIENT=19/(100+19) = 0,1596638 rounded to 0,1597

When 11900,00 is sold in VAT 19% the calculation is $11900,00 * 0.1597 = 1900,43$

Amount=11900,00

VAT = 1900,43

Taxable = 9999,57

SOLVED PROBLEMS:

1. When sales are done on a DIRECT BALANCE SALE. Balance Function Option 1.2 & 1.4 are set using a TRANSACTION REFUND (Option 1-3 set) function the register would add to the balance total instead of subtracting.

RELEASE QC091109

SOLVED PROBLEMS:

1. When ROOM totals were used for delivery or scan codes created during registration and OPTION 321 was set the register would exit the program and show the LQFLASH screen when an new delivery or scan code was created.
2. When a transaction refund was done the register would add to total to the FTP report instead of subtracting.
3. When an item amount discount was done after refunding an item the register would always give error# 20. Now it will invert the sign and accept the amount discount.

RELEASE QC091125

NEW FEATURES:

1. NEXT COURSE LEVEL FUNCTION implemented. This function can be used to automatically print the next course on the KITCHEN printers. It can be used on the register or in combination with the QMOS handheld.
 - SYSTEM PARAMETER 155, Course Level Modifier#. In this parameter the modifier# used for the FIRST COURSE is programmed.
 - There is a maximum of 8 courses.

- If a course is not entered it will print the PLU's immediately (course 0)
 - The maximum number of Price levels for PLU is 4 !!!
 - It is not possible to use 2 cash register mixed in a network where 1 cash register using course levels and the other not use courses !!!
 - A COURSE LEVEL key is a Modifier Functions with OPTION 2-4 SET and where the KP1 to 8 corresponds with the COURSE#1 to 8.
 - COURSE PRINT key with key code 299. When pressed after opening a table it will issue the command to print the next course.
 - Because the "normal" modifiers like "medium" must saved in the table to re-print it with the course you must not forget to set in normal modifier OPTION 2-3 ("Store on Balance") else the modifiers are NOT printed !
 - When used in combination with the QMOS you must use the last 5 modifier as course modifier
 - SYSTEM PARAMETER 156, Course Level PLU#. Because the QMOS doesn't have a course print key a PLU can be used to simulate the COURSE PRINT key. In parameter#156 the number of the PLU which should work as course print key when received from the QMOS. For example when parameter#156 is set to 5 this means that if you open a table on the QMOS and make sale of PLU#5 the cash register will interpret this PLU as course print key.
 - SYSTEM OPTION 404, Course Level Reset after Item. When set the selected course level is reset to ZERO after every item. When NOT SET the course level remains active until another is selected or the transaction is closed.
 - Example HANDLING COURSE levels:
 - Open Table.
 - Press Course Modifier for Course#1 (OPTION 1-5 and 2-4 SET).
 - Enter articles.
 - Press Course Modifier for Course#2 (OPTION 1-6 and 2-4 SET).
 - Enter articles.
 - Press Course Modifier for Course#3 (OPTION 1-7 and 2-4 SET).
 - Enter articles.
 - Press Course Print key -> The display will show "course 1".
 - Close Table -> Course#1 is printed.
 - Re-open the same Table.
 - Press Course Print key -> The display will show "course 2"
 - Close Table -> Course#2 is printed.
 - PLU's without course information ("course 0") will printed immediately after table closing/ direct sale of this PLU.
2. SYSTEM OPTION 407, External AP701 Customer Display. When set the register assumes you have an external. AP701 Customer display connected and will sent some special commands to clear the separate fields.
 3. SYSTEM PARAMETER 160, Port Loyalty Terminal. For the Dutch market it is possible to connect a terminal which stores loyalty points on a card. See LOYALTY_NL.PDF for more information.
 4. SYSTEM OPTION 415, Room/Delivery fixed Clerk. When set the register will only store the clerk who first opened the ROOM (or DELIVERY). The only way to change the CLERK is by using the TRANSFER clerk function. This can be used to assign a DELIVERY to a specific CLERK so you can take a ROOM by CLERK report to check which DELIVERIES are assigned to a CLERK.

5. When a detailed balance report is taken by computer it will now send the first text line when active. When not active it will sent the balance type as before.

RELEASE QC091201

SOLVED PROBLEMS:

1. In release QC090220 a change was made for the TCP printers which caused that when floating balances were used the TCP printer always printed the ticket and gave a network error after approx 20 seconds.

RELEASE QC091208

NEW FEATURES:

1. SYSTEM PARAMETER 161, Base Keyboard Level. In this parameter you can program the BASE KEYBOARD LEVEL the register should use. It will automatically select the keyboard as programmed when SYSTEM OPTION 123 or 124 is set or when the register is switched on.
2. SYSTEM OPTION 416, KP Department Sorting. When set the register will sort the Kitchen Printer tickets according to department.
3. SYSTEM OPTION 337, Prefix Only with Tender. This option is now also working in the standard version.
4. When SYSTEM OPTION 234 ("Only Open balances in Window") is set and Alfa Search (OPTION 384) is used you can now also search in the balances which are not open.
5. SYSTEM OPTION 417, Suppress Time on Invoice. When set the register will suppress the time on the balance invoices.
6. SYSTEM PARAMETER 108 ("Balance Number Font") is now also used for the BALANCE TEXT lines when no font is programmed at the start of the line.
7. SYSTEM OPTION 418, PLU# in Transaction Screen. When set the register will display the PLU# in front of the PLU name in the transaction screen. This makes it easier for the operator to use PLU numbers for additional orders. Note that when large PLU# are used the PLU text is only partially shown.
8. When SYSTEM OPTION 252 ("Re-activation of Tables") or 344 ("Re-activation of Rooms") is set the register will disable the re-activation when the open balance report is taken in Z-mode with the option "No Reset" set.

SOLVED PROBLEMS:

1. Alfa search was not working when OPTION 384 ("Alfa Search") was set in combination with OPTION 360 ("Direct Menu Entry") and OPTION 197 was NOT set.
2. When OPTION 342 and 343 were both set the register would print the last PLU name also on the kitchen printer with the departments and menu when used.
3. NEXT COURSE LEVEL FUNCTION was not working properly.
 - It would switch from course 1, 2, 4, 8 instead of 1 to 8.
 - When a course level was selected in the same transaction as the order the items for that were not printed.
4. During the factory Keyboard test the test was not automatically stopped. Now it will check the touch keyboard type and be stopped after all keys are pressed.
5. When the extra keyboard is active in the configuration the factory test will also ask for testing the second 156 keyboard.

RELEASE QC091211

NEW FEATURES:

1. New TYPE of EFT Tender Function for "EC without PIN" for Germany. See EFT_GER.PDF for more information.

SOLVED PROBLEMS:

1. NEXT COURSE LEVEL FUNCTION problem when Special Itemizers were used for automatic discount. The register would only allow you to print COURSE#1.

RELEASE QC091216

SOLVED PROBLEMS:

1. NEXT COURSE LEVEL FUNCTION problem. The last line of the last course was printed twice on the KP ticket.
2. When SYSTEM OPTION 402 ("Alfa Sorting Always Active") was set and a program mode was selected using the menu the lines were repeated a few times until the screen was full.

RELEASE QC091224

NEW FEATURES:

1. When OPTION 34 ("Balance Fixed to Clerk") and OPTION 267 ("Balance Closed by Manager") are set the register will now store the (manager) clerk which paid the balance when OPTION 252 ("Re-activation of Tables") or 344 ("Re-activation of Rooms") are set so the re-activation will update the correct clerk and assign the balance to the clerk which paid the balance.
2. When in the BALANCE TRANSFER function OPTION 2-2 ("Print Endorsement Message#") is set the register will issue a separate ticket on the receipt printer with Endorsement Message# 2 when a balance transfer is done.
3. When in the BALANCE TRANSFER function OPTION 2-5 ("Print Old Balance") is set the register will issue a separate ticket with the items which are transferred on the receipt printer when a balance transfer is done. It can also be combined with OPTION 2-2.
4. SYSTEM PARAMETER 157, Master MC# for Tables. When this parameter is non zero and OPTION 412 is NOT SET the register will ask you if you want to update the tables when you switch on the register. The tables are read and updated from the register# as programmed. Note that OPTION 92 also must be set. You can also force an update by entering 317 on the TYPE key.
5. SYSTEM PARAMETER 158, Master MC# for Rooms. When this parameter is non zero and OPTION 412 is NOT SET the register will ask you if you want to update the rooms when you switch on the register. The rooms are read and updated from the register# as programmed. Note that OPTION 92 also must be set. You can also force an update by entering 317 on the TYPE key.
6. SYSTEM PARAMETER 159, Master MC# for Accounts. When this parameter is non zero and OPTION 412 is NOT SET the register will ask you if you want to update the accounts when you switch on the register. The accounts are read and updated from the register# as programmed. Note that OPTION 92 also must be set. You can also force an update by entering 317 on the TYPE key.
7. SYSTEM OPTION 412, Only Master has balances. This option works in combination with SYSTEM PARAMETER 157, 158 and 159. When SET the balances are only stored in the register# as programmed in PARAMETER 157, 158 and 159. All other registers will read the balance contents from the master register when opened. Note that this can also be used to make a single or cluster of registers in a network. For example when you want a single register in a network you just program its own register# as a Master MC#.

SOLVED PROBLEMS:

1. When OPTION 151 was set the receipt number was incremented when a transfer was done.

2. SYSTEM PARAMETER 156, Course Level PLU# was only working when a PLU# from 1 to 9 was used.
3. When SYSTEM OPTION 150 was set in combination with 338, 339 or 340 (Report Balance at payment) and VAT was used the register would remove the VAT twice from the report total when a balance was re-activated.
4. When after re-activation of a balance the SPLIT function without closing and re-opening the balance first the register would not store the re-activation in the BINARY Electronic Journal.
5. When after a re-activation of a balance an item was ordered in the same transaction it would not show on the invoice only in the total amount.

RELEASE QC100113

NEW FEATURES:

1. SYSTEM OPTION 419, Balance Re-Activation on Last Register. When set and Balance Re-activation (OPTION 252 or 344) is active and used in a network the balance can only be re-activated on the register where it was paid. This can be used so the re-activated and paid balances are always in the same Electronic Journal. When the balance was paid on another register Error# 77 with on the first 2 position the register number on which the balance was paid.
2. When balance re-activation is active the last balance is only reset when new sales is made on the balance so when you just open the balance and close it without making sales it is still possible to re-activate the last one.
3. When Tax shift transaction is used and the TAX status is printed (OPTION 231 or 245) on the item line it will be changed when the receipt is printed at payment or a copy is taken.
4. SYSTEM OPTION 264, Official Receipt Message. The register will now print the "Official Message" only on cash receipts and balance invoices. On balance orders it will print the "Not Official". The message is now also printed on network printers and copies.
5. When the special "Dry Cleaning" KP Printer TYPE 8 or 15 is used the register will now only count the KP tickets when the option for separate tickets is set for the KP.
6. When in a TENDERING function OPTION 1-6 and 2-2 are both set the register will not allow UNDER TENDERING. Error# 10 is given when under tendering is done.
7. SYSTEM PARAMETER 103, Balance Scanning Code Format. When you program a value between 10Y and 25Y the register will process all codes starting with 2XX as balance codes where XX depends on the value 10X to 25X.

examples:

10Y -> Codes must start with 200

15Y -> Codes must start with 205

25Y -> Codes must start with 215

Note: Y stands for balance function number.

8. SYSTEM OPTION 420, Check All Coupon Action Tables. When set and an article is linked to a Special Action Table which has OPTION 2-5 ("Item# 1 Coupon Code") set the register will automatically check ALL Action Tables which have OPTION 2-5 SET (and 1-8 & 2-2 NOT SET) for this item. This can be used when for example a COUPON CODE (or CUSTOMER CODE) can be used for more than 1 action. Scanning the COUPON CODE will then activate all action with that coupon code.

SOLVED PROBLEMS:

1. SYSTEM OPTION 418, PLU# in Transaction Screen. When fixed PLU numbers were used only the last 2 digits were shown.
2. When OPTION 329 ("Enhanced Seat Number System") was active and more than 9 seats were activated in PARAMETER 111 ("Number of Seats") Splitting and Transferring of a Seat was not working.

RELEASE QC100120

NEW FEATURES:

1. SYSTEM OPTION 421, No Display Computer Reports. When set all display output will be suppressed when a report is taken by computer.

SOLVED PROBLEMS:

1. The detailed ACCOUNT report was not working when in the ROOM configuration "Store Individual Items" was NOT activated. The register was checking the wrong configuration option.
2. When balance re-activation is active and SYSTEM OPTION 73 ("Display Balance") was set the register would display the old balance when no sales was made yet.

RELEASE QC100122

NEW FEATURES:

1. When the receipt is switched off the register will not issue a ticket anymore for the Norwegian BANK AXEPT terminal.
2. When SYSTEM OPTION 260 (Convert for Arabic Output) is set and the PARAMETER 58 (Character Set) is set to 99 the register will convert the characters for the external printer code page 1256 (Windows Arabic) to code page (IBM DOS) 864.

RELEASE QC100125

SOLVED PROBLEMS:

1. When SYSTEM OPTION 260 (Convert for Arabic Output) was set and the Price was printed on the kitchen printer the formatting was wrong
2. When SYSTEM OPTION 260 (Convert for Arabic Output) was set and option 323 for delivery was set the name was displayed inverse when the system asked for re-ordering a previous delivery.

RELEASE QC100129

NEW FEATURES:

1. SYSTEM PARAMETER 162, Error Timer. When non zero the register will automatically close the error state when the timer expires or when another key is pressed. So it is not needed to press the CLEAR key to continue. When OPTION 197 for stay down windows is set the window also stays open. The timer is programmed units of 100 milliseconds. So a value of 15 means that the error state is cleared after 1,5 seconds.
2. When SYSTEM OPTION 260 for Arabic output is set the register will change the QWERTY keyboard lay out for Arabic characters and use the shift for the normal characters.
3. SYSTEM PARAMETER 164, Clerk Scan Code Prefix. It is possible to select a clerk by scanning a code. When non zero the register will check each scanned code for clerk selection.
 - The prefix can have a value from 1 to 255.
 - The prefix is not part of the clerk code.
 - The maximum size of the clerk code is 8 digits when the code is larger only the first 8 are used.
 - When SECRET CLERK codes are uses SYSTEM OPTION 117 must be SET.

- Example 1: PARAMETER 164 is set to 133. scanned code: 13381 will result in an entry of 81 on the CLERK# key which will select the clerk with secret code 81 or clerk# 81 when no secret code is used.
- Example 2: PARAMETER 164 is set to 13. scanned code: 133810000598 will result in an entry of 38100005 on the CLERK# key which will select the clerk with secret code 8100005 or give an error when no secret codes are used because clerk# 3 8100005 doesn't exist

SOLVED PROBLEMS:

1. When SYSTEM OPTION 419 ("Balance Re-Activation on Last Register" was set and OPTION 412 was NOT set the register would give error# 77 but re-activate the balance anyhow.

RELEASE QC100209

NEW FEATURES:

1. SYSTEM OPTION 422, Manager All open Balances. When set and OPTION 34 ("Clerk Fixed to Balance") and OPTION 234 ("Only Open Balances in Window") are also set the register will display all open balances when a manager clerk is active.
2. New EFT Terminal type 72 ("Elite I5100 Flex / ECR Interface) for Denmark implemented.

SOLVED PROBLEMS:

1. When OPTION 234 ("Only Open Balances in Window") is set or "Free Assignment" of Balance numbers is used the register will now always go back to the start if the file when PAGE UP is pressed.

RELEASE QC100216

NEW FEATURES:

1. In a computer PLU report sorted according to the department the register will now also sent the department# in the record (type 14 or 15) with the department text.

SOLVED PROBLEMS:

1. From release 100113 there was a problem with the split bill function when OPTION 252 or 344 was set for re-activation of a balance. When items were split to a balances which was used before and already marked for re-activation the register would reset the balance from which the items were split and not add the balance to the receiving balance.
2. When OPTION 384 (Alfa Sorting) or 402 (Always Alfa Sort) was set the register would also sort the BALANCE SPLIT or CORRECTION menu which would cause problems with splitting or correcting items with modifiers. Now the register will not sort the SPLIT or CORRECTION menu anymore.

RELEASE QC100217

SOLVED PROBLEMS:

1. From release 100209 there was a problem with the PAGE UP key in the menu's. When the register was powered on and a menu was used before a balance was opened the register would crash. Once a balance was opened the problem didn't occur anymore but the PAGE UP key would always go back to the first page.

RELEASE QC100305

NEW FEATURES:

1. SYSTEM OPTION 424, Item Separator Line on Receipt & Slip. When set the register will print an empty separator line before each article on the receipt and slip printer.
2. When OPTION 38 ("Compulsory Multiply on Direct PLU key") was is set and EASY Price Programming is used you can now also enter the price directly on the fixed PLU key when OPTION 38 is set.
3. SYSTEM OPTION 296, Price Level by Weight. The register will now by default use price 1 when the price in selected level is ZERO. In this way it is not required to program all price levels for all PLU but only the ones which have weight related prices.

SOLVED PROBLEMS:

1. From release 100129 there was a problem with PLU Easy Programming mode 3 & 4 for changing descriptors. The register would only clear the PLU name and not copy the entered text. This was caused by a change for the ARABIC text entry.
2. When OPTION 402 ("Alfa Sorting always Active") in combination with OPTION 247 ("PLU Dept#2 for List Only") it could happen that the PAGE DOWN key in the menu wouldn't go to the next page.
3. When SYSTEM OPTION 419 ("Balance Re-Activation on Last Register") was set and a balance transfer was done the register would not reset origin balance.
4. When from RELEASE QC100113 a balance transfer was done to a balance which was marked for re-activation the balance was not cleared but overwritten. This could cause a buffer full problem.

RELEASE QC100310

NEW FEATURES:

1. SYSTEM OPTION 424, Item Separator Line on Receipt & Slip. When set the register will print an empty separator line AFTER each article on the receipt and slip printer.
2. SYSTEM OPTION 425, Store Order Date on Table.
SYSTEM OPTION 426, Store Order Date on Room.
SYSTEM OPTION 427, Store Order Date on Account.
 - When set the register will store the date, time and amount for every order on a Table, Room or Account. Using the format "Wed 10-03-2010 17:00 10,00". The date format depends on the date format used in the register. When the receipt printer prints less than 32 characters the day of the week is not printed.
 - When the OPTION 146, 147, 148 ("Don't Consolidate Table, Room, Account Buffer") is also set every order is stored separately. When OPTION 146, 147, 148 is NOT set the register will print the Order Dates at the bottom of the invoice.
 - When in the Table, Room, Account Configuration "Store Individual Items" is NOT SET but "Store Tax Itemizers" is SET the register will also store the Order dates so it is possible to only store the order totals with date.
 - When a balance without Order Date is transferred to another balance type with Order Date the transferred amount with the date/time is stored on the receiving balance.
 - In the Balance ITEM computer report the line with the Order Date has the ID code 68.

SOLVED PROBLEMS:

1. When SYSTEM OPTION 419 ("Balance Re-Activation on Last Register") was set the register could check the wrong balance for the register number which could result in unpredictable errors.

RELEASE QC100315

NEW FEATURES:

1. SYSTEM OPTION 425, 426 & 427. The register will now print an extra separator line after the line with the order date.

RELEASE QC100317

NEW FEATURES:

1. SYSTEM OPTION 425, 426 & 427. The position of the extra extra separator line has been changed.

RELEASE QC100330

NEW FEATURES:

1. New command 129 for reading program updates from a file stored on a QUORILOG device. See QUORILOG.PDF for more details. The file has a fixed name "qdXXXX.csv" (where XXXX is the file number 0001 to 9999) and MUST be stored in the root directory. The file format is the same as used by QDRIVER. When no file number is entered on the MULTIPLY (X) key the default filename "qd0001.csv" is used.
2. Option 2.4 (Print Endorsement #4) is now working in the Refund and Transaction Refund function.

SOLVED PROBLEMS:

1. When a Special Action was set to update the articles and NO ITEM LIST was used it could happen that the register rounded the discount wrong in the report.
2. When SYSTEM OPTION 328 was set the register wouldn't print the second caption with modifier programmed as PLU.
3. It was not possible to directly communicate with a network register when connected to the serial port of another register and the customer ID was used.

RELEASE QC100427

NEW FEATURES:

1. New barcode format for PORA FUNCTION "COUPON" (OPTION 2-4 in the PORA function). The coupon function was only accepting a maximum of 9999. In order to have larger coupons the maximum has been increased to 99999999. The barcode format is ITF (Interleaved 2 of 5) with fixed 20 digits.

KKKKNNNNPPPPPPPEEEEC

KKKK = cost center. These are the first 4 digits as programmed in GENERAL TEXT# 99.

NNNN = These are the last 4 digits of the receipt number when the Coupon In/Out File is NOT ACTIVE active. When the Coupon In/Out file is ACTIVE it is a special coupon issued number which is incremented with each coupon issued.

PPPPPPPP = Price in Cent (max 99999999) can be set by Entry Limit in PORA function

EEE = END Digit numbers 5, 6 and 7 as programmed In GENERAL TEXT #99.

C = Check digit (Modulo 10, Weight 1313131313131313131)

SOLVED PROBLEMS:

1. The buttons YES/ABORT/NO in box displayed with the 79 Keyboard were misaligned.

2. When there was a printer error during programming using the keyboard it could happen that the changes were not saved.
3. When a department window was opened and OPTION 402 (Alfa Search) was active it could happen that the PAGE DOWN key was not displayed and not all articles could be viewed.

RELEASE QC100518

NEW FEATURES:

1. CLERK OPTION 2.4, Use KP +1. When set the register will add 1 to the activated Kitchen Printer(s). This can be used in combination with Handhelds when they must issue the Kitchen Tickets on another printer as with direct sales. For example when BAR tickets are programmed to print on Kitchen Printer #1 (parameter 21 – 24) they will be printed on Kitchen Printer# 2 (parameter 25 – 28) when they are ordered by a clerk with option 2.4 set.
2. SYSTEM OPTION 316, Print Order Number. When this option is set in NON-FISCAL versions the register will print an extra line with the ORDER NUMBER. This can be used in to identify an order in a fast food environment.
 - The register will create the Order Counter from the Register# and last 2 digits of the receipt number and use GENERAL TEXT# 110.
 - The ORDER NUMBER is printed on the bottom of the receipt and kitchen tickets.
 - The FONT for the receipt is fixed to FONT 'A' DOUBLE WIDTH and HEIGHT and for the KP tickets the FONT as programmed in SYSTEM PARAMETER 68 ("KP Balance Number Font") is used.
3. When COVERS are used the register will now automatically print the Average Cover Amount (TABLE SALES / COVERS) in the Balance Function Report. The average cover is a "soft" total which means it is calculated during the (balance function) report so it is important that all functions are reported. The normal "amount" text is used.
4. SYSTEM OPTION 429, Print Direct Sales in Balance Functions. When set the register will print "Direct Sale" (total sales minus table minus room minus account) at the end of the balance functions in a USER report. It requires that TOTAL SALES is also PART of the report and printed before the balance functions because the total has to be calculated using the TOTAL SALES. General Message# 51 is used for the text "Direct Sale".

RELEASE QC100527

NEW FEATURES:

1. New OPTION 2.8 ("Extract VAT1") in DISCOUNT. When set the register Extract VAT# 1 from the discountable amount and give the discount on the NET amount.
 - This function was made for the Philippines where they only have 1 VAT rate and a special "Senior Citizen Discount" which extracts the VAT amount and at the same time give discount on the NET amount.
 - The function works for ITEM and/or SUBTOTAL discounts.
 - Example for a sale of 100,00 on VAT 12% and DISCOUNT 20%

1 WHISKY	100,00	<----- Sale of Item
12% VAT1	-10,71	<----- Discount which extracts VAT1
-20% DISCOUNT	-17,86	<----- Discount on NET
<hr/>		
1 Total	71,43	
12% VAT1	0,00	

Cash

71,43

SOLVED PROBLEMS:

1. When covers are used the register wouldn't open the balance when covers were entered without sales. This was caused by changes made for balance re-activation.

RELEASE QC100601

NEW FEATURES:

1. When SYSTEM OPTION 264 (Official Receipt Message) for the Phillipines is set the register will print OR#000001 as receipt number instead of #000001 on the Receipt and Journal.
2. When SYSTEM OPTION 260 for Arabic output is set the register will replace all Arabic character with a space for the internal or external customer display.

RELEASE QC100604

NEW FEATURES:

1. SYSTEM OPTION 428, Activate Age Control. When set the register will ask for an AGE verification when an AGE controlled article is sold. The operator has to confirm or reject to continue the sale. The register will remember the confirmed AGE and will only ask it once for the first AGE controlled article sold in the transaction unless an article which requires the customer to be older then the confirmed Age. See AGE CONTROL SPECIAL ITEMIZER below.
2. GENERAL MESSAGE# 121, Age Control Message. This message is displayed with the required age when an AGE controller article is sold.
3. AGE CONTROL SPECIAL ITEMIZER. A special itemizer is used for age controlled items. When OPTION 1.8 in a Special Itemizer is set the register will use the EXEMPT field as the AGE which must be checked and not allow the sale of items which are linked to this itemizer when there is no confirmation of the required age. In this way the age is only checked when a age controlled item is sold. Other items can be sold without a check.

Example Using Special Itemizer# 1 for Age Control of 18 year.

Programming Special Itemizer#1 :

Caption: "AGE 18" (Can be any text)
Rate: 0
Exempt: 18
Options1: 8
Options2:
Print1: (Disable Printing)
Print2:

Link all articles which require an age of 18 or older to Special Itemizer# 1 in the Department (or PLU) programming.

SOLVED PROBLEMS:

1. When a coupon of more then 9999 was issued and Foreign Currency was active and the receipt was printed at closing it could happen that the amount was printed in a foreign currency format. This was caused by the change which allowed coupons of more then 9999.
2. From Release 100113 the Balance Time System was not working properly. The register wouldn't print the start time when the balance was opened.

3. When there was a network "Retry MC# xx" error and the screen saver was active it could happen that the register showed the blue LQFLASH screen when it was touched again.

RELEASE QC100610

NEW FEATURES:

1. The Information Beep used by AGE Control is made shorter. Note that you can also set OPTION 314.

SOLVED PROBLEMS:

1. In QC090713 a change was made for ORDERMAN so the amount paid was always printed on the customer invoice. This caused a problem when SYSTEM OPTION 104 (Swiss Input Masking) was set and the amount to be paid was not ending on 0 or 5. The table was not closed.
2. When in the User Report Configuration the maximum number of Report Links was set to more than 30 it was not possible to start User Report Programming on the register.

RELEASE QC100617

NEW FEATURES:

1. SYSTEM OPTION 431, TCP Printer PING Check. When set the register will check if the LAN TCP printer (port# 250 -- 255) is connected and switched on by sending a PING request. If used as Kitchen Printer and not connected or switched off the BACKUP KP will be used. Note that it will only check if the printer is connected and switched on when the printer runs out of paper print data is still sent until the internal buffers are full and the register will report a "Network" error.

SOLVED PROBLEMS:

1. When OPTION 119 (Display Repeat Counter) was set and a price was entered on a department using the department# key in combination with the NEW PRICE key it could happen that the register showed the last used quantity on the OPERATOR display. The price was registered and printed correctly.

RELEASE QC100624

NEW FEATURES:

1. The print width of the Order Number (SYSTEM OPTION 316) has been changed to 16 characters double width so it also fits on the Matrix Printer.
2. SYSTEM OPTION 432, PLU File in Fiscal Printer. This option works in combination with the QPRINT FM which can be activated in SYSTEM PARAMETER 122 ("Fiscal Printer Port"). When this option is SET the register will create and/or update the PLU file and PLU report in the QPRINT FM when a PLU is registered. When NOT SET the register will always overwrite PLU# 1 in the QPRINT FM. In order to use it the QPRINT FM must be setup in the correct way.
 - In the PLU configuration of the QPRINT FM it must be SET that the PLU has its own TAX status because the register will send the TAX STATUS in the PLU Tax field. When not it will take the TAX status of the QPRINT FM department.
 - It depends on the PLU configuration of the register how the PLU Configuration of the QPRINT FM must be set.

REGISTER USES FIXED PLU#

When the register uses FIXED PLU# the QPRINT FM can be set to FIXED PLU# or SCANCODES. When set to FIXED the number of PLU in the QPRINT FM should be the same or higher as in the register else not all PLU can be used. When set to SCANCODES

the QPRINT FM creates the PLU using the FIXED number as code. When the PLU file is FULL ERROR# 39 (Plu File Full) is given and the PLU cannot be registered.

REGISTER USES SCANCODES

When the register uses SCANCODES the QPRINT FM should also be set to SCANCODES else only PLU with scancodes which equal the fixed PLU# can be registered. When the PLU file is FULL ERROR# 39 (Plu File Full) is given and the PLU cannot be registered.

- When only one QPRINT FM Configuration is allowed or preferred it is best to set the PLU configuration to SCANCODES so FIXED or SCANCODES can be used by the register without the need to change the QPRINT FM configuration.
- Because the PLU File is divided into a BASE and UPDATE file the register will automatically send the PLU MERGE Command (100) when USER REPORT# 1 is taken in Z-mode so the UPDATE file will not grow to large. A large update file will slow down the processing.
- When the register uses scancodes the PLU MERGE command is also sent to the QPRINT FM when it is done on the register (100 TYPE).
- It is only possible to reset the PLU file in the QPRINT FM by re-installing the application in the QPRINT FM itself.

SOLVED PROBLEMS:

1. When SYSTEM OPTION 353 (Compulsory Keyboard Selection) was set and a new Delivery Customer was entered the register would reset the keyboard level which resulted ERROR# 70 when the name was entered.
2. When the Receipt Copy Buffer was active in the configuration and no scancodes were used the register would print the department name on the copy receipt.

RELEASE QC100628

NEW FEATURES:

1. Negative amounts are allowed now for EFT Terminal Type 72 for Denmark.

RELEASE QC100702

NEW FEATURES:

1. SYSTEM PARAMETER 143 (Handheld Receipt Printer Type) and 144 (Handheld Receipt Printer) can now also be used for the DK and MERLIN handhelds.

RELEASE QC100714

NEW FEATURES:

1. SET MENU with PAUSE function. It is possible to program a SET MENU which can be paused / continued using condiment tables with OPTION 1.5 ("Paused Entry") set. This can be used for a SET MENU entry which can be paused and continued at a later stage. See also "pause_menu.pdf" for a short explanation.
 - New OPTION 1.5 ("Paused Entry") in Condiment Tables. When set the register will show on the first line of the condiment table the option "Pause Entry" (General Message# 122). When this option is selected the register will pause the condiment entry. The entry can be continued by selecting the "Paused Entry" on the screen and press a special "Continue" function which is a new type of correction function (OPTION 1.1, 1.2 and 1.3 set).
 - General Message# 122 "Entry Paused" is used for display and kitchen printer.
 - General Message# 123 "Entry Continued" is used for display.

- CORRECTION Function for continuing the MENU entry. This is a Correction Function with OPTION 1.1, 1.2 and 1.3 set.
 - SYSTEM OPTION 358 ("Repeat Condiment Entry") must be set because quantities are not stored when paused.
2. Modifiers not linked to an article are now also stored on a balance when OPTION 2.3 in the modifier is set. If you don't want them on the invoice you must suppress the R/J/S print options. These modifiers not linked to an article are always displayed/printed at the bottom of the balance. This can be used to check if certain messages like course information is already sent to the kitchen.
 3. When entering a text using a MODIFIER function with OPTION 1.3 ("Variable Text") set the register will now automatically copy the maximum number of 31 characters when more than 31 characters are entered instead of giving "Invalid Entry".
 4. SYSTEM PARAMETER 165, Instore Marking Code 98. When non zero the register will check for barcodes starting with 98 (and size 13 digits) and process them as instore marking codes according the format as programmed. The format can be found by the INSTORE marking codes 20-29 (see Parameter 78-87). When you link it to a negative department you can use it as a coupon code.
 5. SYSTEM PARAMETER 127, Print Total Barcode. When non zero the register will print an EAN13 instore barcode (20 – 29) with the total sales amount on the bottom of the receipt when a printer which supports this is used. The internal thermal printer of the Quorion models support this feature and also most external thermal printers.

The format is fixed: 2FXLLRRAAAAAC

F : With the value in parameter 127 you can specify the second digit F of the barcode it will print a different digit for positive and negative amounts:

1 or 1X -> prints 20 for positive amount and 21 for negative amounts
 2 or 2X -> prints 21 for positive amount and 22 for negative amounts
 3 or 3X -> prints 22 for positive amount and 23 for negative amounts
 4 or 4X -> prints 23 for positive amount and 24 for negative amounts
 5 or 5X -> prints 24 for positive amount and 25 for negative amounts
 6 or 6X -> prints 25 for positive amount and 26 for negative amounts
 7 or 7X -> prints 26 for positive amount and 27 for negative amounts
 8 or 8X -> prints 27 for positive amount and 28 for negative amounts
 9 or 9X -> prints 28 for positive amount and 29 for negative amounts
 10 or 10X -> prints 29 for positive amount and 20 for negative amounts
 110 or 11X -> prints 98 for positive amount and 99 for negative amounts

X: 3rd digit in the barcode. Default is 0 unless X is entered for example with 56 the code starts with 246 (or 256).

LL : Location number taken from PARAMETER 54.

RR: Register Number taken from PARAMETER 53.

AAAAA: 5 digit amount. When the amount is more than 99999 the register will print more barcodes.

C: Check Digit.

RELEASE QC100719

NEW FEATURES:

1. SYSTEM OPTION 433, Orderman Pause Function. When set the register will process PAUSE and CONTINUE messages send to and received from the Orderman Handheld XML Solution. Also see SET MENU with using Condiment Tables with PAUSE function (OPTION 1.5).
 - You must install the XML Solution version 2.72 in your Orderman System. In the special Orderman manual for French Functions is explained how Set Menu's can be paused and continued.
 - Because the Orderman XML solution can only work with PLU's for Set Menu's you must be sure to link all the modifiers used in the Set Menu Condiment Tables to a PLU number (Option 1.1 Set!) else they will not be shown and cannot be selected.

- Creating a SET Menu for Orderman

Create the SET MENU articles and link them to the SET MENU Condiment tables (with OPTION 1.5 set) and if needed OPTION 1.1 ("Compulsory Selection"). Note that for the Orderman Set Menu you MUST use PLU# in the Modifiers used in the condiment table.

Example:

PLU # 100 is used for a SET MENU with 3 selections from Condiment Table# 9, 10 and 11.

Reserve Modifier 51-55 for Condiment Table# 9

Reserve Modifier 56-60 for Condiment Table# 10

Reserve Modifier 61-65 for Condiment Table# 11

Program the Menu Name and price in PLU#100 and activate Condiment Selection 9, 10 and 11.

Program 4051, 4052 and 4053 in Condiment Table# 9 and call the table "Starters" and set OPTION 1.1 and 1.5.

Program 4056, 4057 and 4058 in Condiment Table# 10 and call the table "Main" set OPTION 1.1 and 1.5.

Program 4061, 4062 and 4063 in Condiment Table# 11 and call the table "Dessert" set OPTION 1.1 and 1.5.

Program Starter#1 PLU# 51 in the Modifier# 51.

Program Starter#2 PLU# 52 in the Modifier# 52.

Program Starter#3 PLU# 53 in the Modifier# 53.

Program Main#1 PLU# 56 in the Modifier# 56.

Program Main#2 PLU# 57 in the Modifier# 57.

Program Main#3 PLU# 58 in the Modifier# 58.

Program Dessert#1 PLU# 61 in the Modifier# 61.

Program Dessert#2 PLU# 62 in the Modifier# 62.

Program Dessert#3 PLU# 63 in the Modifier# 63.

RELEASE QC100722

NEW FEATURES:

1. SYSTEM PARAMETER 167, USA WIC Functions. In this parameter you can program the Special Itemizer# and Tender function# which are reserved for the WIC Check handling. WIC check can be used within 30 days after issuing and only for special WIC articles.
 - The value programmed is XXY where XX = Tender Function used for WIC CHECKS and Y is the SPECIAL ITEMIZER used for accumulating the WIC sales. Example: 73 means that TENDER FUNCTION# 7 and SPECIAL ITEMIZER# 3 are used for WIC sales.
 - By linking articles (or departments) to the Special Itemizer used for WIC the system will know if the transaction can be paid by WIC checks.
 - It is possible to print or suppress printing of the WIC total on the receipt by setting print options in the Special Itemizer function.
 - When in the WIC Tender function also OPTION 2.6 ("Ask for Number Entry") is set the register will check the entered number for a valid date format and if the date is no longer then 30 days ago. If the date is invalid ERROR# 3 is given. The entered DATE is the ISSUE date and when the check has expired ERROR# 81 is given. The DATE is entered as DDMMYY or MMDDYY when OPTION# 77 (Date MM-DD-YY) is set. General Text# 48 is printed with the entered number/date.

- The WIC Tender function can only be used when ONLY WIC items are sold in the transaction and the check ISSUE date is not longer then 30 day ago. So when you try to use a check which was issued on the 1st of July on the 31st of July the register will not accept it.
- ERROR MESSAGE# 80, "Only WIC Sales Allowed!" is given when you try to pay with the WIC tender function and also non WIC items are sold in the same transaction.
- ERROR MESSAGE# 81, "WIC Check Expired!" is given when the WIC Check Issue date is longer then 30 days ago.

RELEASE QC100723

NEW FEATURES:

1. SYSTEM OPTION 434, Skip Barcode ID. When set the register will check the first character of a barcode. When it is not a digit (0 – 9) it will be skipped. This can be used for scanners which send as the first character the barcode type or for the special German Pharmacy code.
2. SYSTEM PARAMETER 166, Time Executed Macro. When non zero the register will check the programmed MACRO number if it is a time macro.
 - The execution time is programmed in the MACRO name.
 - The macro is only executed when the register is switched on during the programmed time.
 - When the register is in transaction at the execution time the macro will be executed when the transaction is closed.
 - For example when want to automatically execute MACRO# 10 every day at 19:15 you must program 10 in Parameter 166 and "19:15" in the macro#10 name. Note that you MUST program in 24 hour format and HH:MM so 1:00 must be programmed as 01:00.
3. The special PORA FUNCTION "COUPON" function (OPTION 2-4 in the PORA function) now also works in combination with balances. In order to work with balances OPTION 2-7 must not be set.
4. CLERK OPTION 1.3 and 1.4 can be used to automatically open a Table map when a clerk is selected.
 - When a clerk is selected and OPTION 1.3 is set the register will automatically open the TABLE MAP#1 when the clerk is selected.
 - OPTION 1.4 will select MAP# 2 and when 1.3 & 1.4 are set MAP# 3 is selected.
 - When not set no map is selected.
 - When no maps are used it will open the table list window when 1.3 or 1.4 is set.
5. When table re-activation is active and the Table Re-Activate function is pressed without entry the register will now display all tables which can be Re-Activated in GREEN color on the table map screen.
6. SYSTEM OPTION 435, Only round multiply and discount calculations. When SYSTEM OPTION 106 is NOT set and multiplication, division and discounts need rounding you can set this option. The rounding as programmed in PARAMETER 91 will be used.
7. SYSTEM OPTION 436, Only Check Slip when Compulsory. When set the register will only check if a slip printer has paper or is online when it is compulsory. This can be used to suppress a LAN slip printer when a slip is only required on demand. For example when printing a BALANCE Invoice on a LAN Slip printer you can set the SLIP COMPULSORY option in the invoice function. It has been reported that a standard A4 LAN printer (HP P2015N will also work as a SLIP Printer when Printer type 21 is selected and no ESC codes are sent.

RELEASE QC100817

NEW FEATURES:

1. SYSTEM OPTION 437, Instore Codes with No Check Digit. When set the register will accept Instore barcodes without a check digit. This can be activated when a scanner is used which doesn't sent the

check digit and Instore codes are used. If not set the register will not recognize Instore codes when the scanner doesn't sent the Check Digit. Note that also when the Instore code is entered manually the check digit should not be entered.

2. New SCALE TYPE 13 for the Magellan model 8100 Scale/Scanner which uses POUNDS instead of KILOGRAM. This scale only requires one serial port for connection. Set the Port to which you connected the Magellan 8100 to 103 (9600 BAUD, 7 data bit, 1 stop bit, odd parity).
 - Set either parameter 56 (scanner port 1) or 57 (scanner port 2) to the port number.
 - Set parameter 92 (scale type) to 13.
 - Set parameter 93 (scale port) to the port number.

RELEASE QC100820

NEW FEATURES:

1. SYSTEM OPTION 439, No Zero Sale Allowed. When set the register will not allow the operator to close a sale with a ZERO sales total on a TENDER function. A ZERO sale can only be closed by canceling it using a CANCEL function (Correction function with OPTION 1.1 and 1.2 set) or make an extra sale. ERROR MESSAGE# 82 ("No Zero Sale Allowed") is given when you try to close a zero sale.
2. SYSTEM OPTION 440, DEPT# Key used for Repeat. When set the DEPT# key will repeat the last entered DEPT# when pressed without entry.
3. SYSTEM OPTION 169 ("X key can be used for repeat") now also works for entry done using the DEPT# key.

SOLVED PROBLEMS:

1. When entering PLU Inventory on the SUBTOTAL key in Easy Programming the register would accept more then 3 decimals.
2. When using the table seat system (PARAMETER 111 and OPTION 329) and a combined invoice was paid using an EFT function which was not accepted the table was not reset and could be paid twice which caused a double tender total.
3. When installing a program using QPROG 2.06 the register serial number could be overwritten with the software version.
4. The mode 255 on the TYPE key in P-mode for clearing PLU file when scan codes are used was not working anymore because of the the routines for the Fiscal Printer (Parameter 122) which also used the command 255 for initialization.
5. Some changes made in the protocol of scale type 13 for the US market. It seems the scale is not sending the response to S14 as is mentioned in the manual.

RELEASE QC100825

NEW FEATURES:

1. OPTION 2.8 ("Extract VAT1") in DISCOUNT. When set the register Extract VAT# 1 from the discountable amount and give the discount on the NET amount. This function was made for the Philippines where they only have 1 VAT rate and a special "Senior Citizen Discount" which extracts the VAT amount and at the same time give discount on the NET amount.
 - The register will now also subtract the VAT1 amount from TOTAL SALES when the discount is used.
 - When in the Discount function OPTION 2.5 (Update Individual Items) is also set VAT1 is also subtracted from the articles on which the discount was given.

SOLVED PROBLEMS:

1. When reading the keyboard colors using QDriver the register would sent the wrong colors.
2. When using the FOODSTAMP SYSTEM (PARAMETER 152 & 153) it is now possible to mix taxable and non taxable food stamp items. The register will now no longer subtract the tax from the non taxable items because it keeps track of that taxable and non-taxable food stamp totals.

RELEASE QC100903

NEW FEATURES:

1. The register will now also issue a receipt when 1 balance is transferred to another clerk and the print option for the receipt is set in the Transfer Clerk Function.
2. SYSTEM OPTION 441, No Register# on Receipt and KP. When set the register will not print the register and location number on receipt and KP tickets. They are only printed on reports when active.
3. SYSTEM OPTION 442, Don't Store Price Level on Balance. When set the register will not store the used price level in the prices stored in balance items. This can be used when items with a different price level but the same price must be consolidated on the balance invoice.
4. The Xenta/Cepa EFT terminal for Sweden has been re-activated in the standard software.

SOLVED PROBLEMS:

1. When SYSTEM PARAMETER 108 (Balance font) was set to ZERO and text lines were used for balances the register could display the last balance text line on the operator and customer display when a balance was opened.
2. When Modifiers which are not linked to an item were stored on a balance (OPTION 2.3 in Modifier SET, Release 100714) and a SPLIT or CORRECTION was done the register would exit to the LQFLASH screen.

RELEASE QC100907

SOLVED PROBLEMS:

1. When using the FOODSTAMP SYSTEM (PARAMETER 152 & 153) the register could display the wrong FOODSTAMP total when SPECIAL ACTIONS were used and triggered. It would display the FOODSTAMP subtotal without the Special Action discount.

RELEASE QC100909

NEW FEATURES:

1. SYSTEM OPTION 443, KP +1 only for HandHeld. When set the register will only add 1 to the activated Kitchen Printer(s) when the order was made using a HandHeld and the clerk using the HandHeld has CLERK OPTION 2.4 (Use KP +1) SET. This can be used when the normal KP should be used when the clerk enters the order on the register.
2. When an External AP-701 Customer display is used and OPTION 168 is set the register will now also clear the Transaction Window on the external display when the CLEAR key is pressed outside a transaction.

SOLVED PROBLEMS:

1. Change made in the timing of the SCALE DIALOG06 protocol because some scales (Magellan 8300/8400) use another timing.

RELEASE QC100910

NEW FEATURES:

1. SYSTEM OPTION 444, Print 4 Digit Order Number. When this option is set in NON-FISCAL versions the register will print an extra line with the ORDER NUMBER. This can be used in to identify an order in a fast food environment.
 - The register will create the Order Counter from the Register# and last 4 digits of the receipt number and use GENERAL TEXT# 110.
 - The ORDER NUMBER is printed on the bottom of the receipt and kitchen tickets.
 - The FONT for the receipt is fixed to FONT 'A' DOUBLE WIDTH and HEIGHT and for the KP tickets the FONT as programmed in SYSTEM PARAMETER 68 ("KP Balance Number Font") is used.
 - If you need a 2 Digit Order Number you can set SYSTEM OPTION 316.

RELEASE QC100923

NEW FEATURES:

1. SYSTEM OPTION 445, KP 1, 2, 3 & 4 used for Sorting. When set KP 1, 2, 3 & 4 options are used for sorting and all items are printed on ticket on KP 1. This can be used when only one KP ticket is needed and it should for example be sorted to STARTERS, MAIN and DESSERTS. The parameters for KP 2, 3 & 4 are only used for BACKUP KP printers when this option is set.
2. SYSTEM OPTION 446, KP 1, 2, 3 & 4 in Modifier Function used for Condiment Table Kitchen Printing. When set KP 1, 2, 3 & 4 options in the modifier function are used for printing condiment items on a selected kitchen printer when the ITEM used to open the condiment table has NO KP selection. This can be used to print the condiment items on different kitchen printers. When not set the condiment items are printed on the kitchen printer of the ITEM used to open the condiment table when no KP are programmed. Note that when condiment tables are used for menu selection you can print the menu items on different KP's.
3. SYSTEM OPTION 447, External QUORION CD203B 2024LW LCD Customer Display. When set the register assumes you have an external 2024LW LCD Customer display connected and will convert the characters for the Internal Character Table. This display has a fixed internal character set which is not Epson Compatible. By default the conversion is done for the Western Europa character set. When SYSTEM PARAMETER 58 is set to 106 the conversion is done for the GREEK character set. When the register uses the Central Europa character set you should set SYSTEM OPTION 136 so the characters are converted to standard ASCII.
4. SYSTEM PARAMETER 169, KP +1 only for KP. When non zero the register will only add 1 to the programmed Kitchen Printer when the order was made by a clerk with CLERK OPTION 2.4 (Use KP +1) SET. This can be used when only one specific KP should re-directed when the clerk enters the order.

SOLVED PROBLEMS:

1. From Release 100330 the register would not close the SLIP when a Balance Invoice was printed on a SLIP printer and the SLIP length (System Parameter 75) was set.
2. OPTION 2.8 ("Extract VAT1") in DISCOUNT. When used the extracted VAT1 is now also stored on a balance.
3. When OPTION 252 (Re-activation of Tables) was set and OPTION 159 (Compulsory covers) was also set the register would again ask for cover entry when the table was opened the second time. The covers were also not printed on the KP with the first order when OPTION 315 (Print Covers on KP) was set.

RELEASE QC101014

NEW FEATURES:

1. New EFT type 44 Smartec Terminal for Singapore.

2. The display buffer for scrolling has been increased to 1000 lines so it is possible to scroll in reports which are sent to the display.
3. OPTION 273 now active in standard version. When set the PLU (and/or, DEPT, GROUP, TOTAL) report can be reported by tenders. Please activate also SYSTEM OPTION 18. The last SalesPersons will now be used as tender report per PLU. Please increase the actual number of SalesPersons by the number of tenders used. Activate the Quantity and Amount in the report construction of PLU (and/or DEPT, GROUP, TOTAL) – SalesPersons. Program the caption of the last SalesPersons equal to the tender names. Create a user report containing the PLU (and/or DEPT, GROUP, TOTAL – SalesPerson report at the corresponding range.
4. Tax Function OPTION 2-3 (Tax Activation Required). When this option in a TAX function is set the register will only calculate (and add) the tax when it is activated by pressing the corresponding TAX SHIFT key. When used and enabled on a BALANCE only a MANAGER can disable the tax again by pressing the key again. This is to avoid that a clerk prints the invoice with TAX (Gratuity) and before paying the balance removes the TAX (Gratuity).
5. SYSTEM PARAMETER 154 (FTP format for Singapore). FTP type 1 has been changed so it always sends the last 30 entries in the FTP report file to the FTP server. Starting with the last one.
6. SYSTEM PARAMETER 154 (FTP format for Singapore). New FTP Report format type 5 for Singapore.
7. It is now possible to activate a second FTP server and automatic report. The server address, user name, password and ftp file name are programmed in GENERAL MESSAGE# 124, 125, 126 and 127. See QMP_FTP.PDF for more information. Manual Transfer can be done using 122 instead of 123 on the TYPE key.
8. SYSTEM PARAMETER 170, FTP-2 Automatic Report Number. In this parameter you can program a REPORT# which the register will automatically try to send to the second FTP server when USER REPORT# 1 is taken in Z-mode. See QMP_FTP.PDF for more information.

SOLVED PROBLEMS:

1. When SYSTEM OPTION 338 (Report Table at Payment) was set and a Table was closed on a tender function without an Invoice or opened with a Direct Balance Sale (1.2 & 1.4 set) and closed with a tender function the register wouldn't print KP tickets.
2. Scrolling in a report which is shown on the display has been improved. Scrolling was not possible when there was no transaction on the screen.
3. When the option for Re-Activating a balance (OPTION 252) was SET and OPTION 137 was NOT SET and a balance was directly opened after paying it it could happen that when the Error Correction key was pressed the first item of the previous invoice was corrected.
4. OPTION 253 (Balance Correction by Window) will give ERROR# 22 (Correction not allowed) when used on Balance on which the Order Date and amount (OPTION 425, 426 and/or 427) are stored. This is to avoid wrong total printouts. When a correction needs to be made you must use a REFUND function. Note that OPTION 146, 147 and/or 148 are set in combination with 425, 426 and/or 427.
5. MENU ITEMS were not printed correctly when OPTION 260 for Arabic Output was set.
6. After a System Reset (4444) the FTP turnover report would store totals for every transaction instead of hourly period when the TYPE (Parameter 154) was set to 4.
7. When the FTP turnover report file was full the register would store totals for every transaction instead of hourly period when the TYPE (Parameter 154) was set to 4.

RELEASE QC101027

NEW FEATURES:

1. SYSTEM PARAMETER 171, Parking Time Number Function. In this parameter you can program a DRAWER function which can MUST be used to enter a number when the PARKING TIME IN and PARKING TIME OUT functions are used. This can be used to enter a Car License plate#.
 - The DRAWER used function must have OPTION 1-5 SET (# entry).

- The FONT and TEXT are taken from the DRAWER function.
 - Maximum 32 characters can be entered.
 - When you press the TIME IN (keycode 296) key the register will ask for number entry which must be confirmed with the TIME IN key. It is compulsory to enter a number!
 - When you enter the time on the TIME OUT (keycode 297) or scan the barcode the register will ask for number entry which must be confirmed with the TIME OUT key. So this key **MUST** be on the keyboard even when you use a scanner!! It is compulsory to enter a number!
2. SYSTEM OPTION 448, ONE Balance Subtotal Invoice. When set only ONE Balance Subtotal Invoice can be printed.
- When an invoice is already printed the register will give ERROR# 30 when you try to print it again.
 - Only a MANAGER can re-print a Balance Subtotal Invoice.
 - Once a Balance Subtotal Invoice has been printed an Invoice can only be printed by closing on a tender function.

SOLVED PROBLEMS:

1. When OPTION 264 (Print Official Receipt Message) was set the register would also print the message and increment the receipt number when a PARKING IN receipt was printed.
2. OPTION 2.8 ("Extract VAT1") in DISCOUNT. When used in combination with MENU's the register would calculate the tax and discount wrong when the option 2.5 (Update Individual Items) was set in the discount function.
3. From release 070414 the register reported the foreign currency amount in the foreign currency function report this must be the amount in local currency paid with the currency. The foreign currency amount itself is only reported in the drawer total report.
4. SYSTEM PARAMETER 154 (FTP format for Singapore). Corrections made for the New FTP Report format type 5 for Singapore.
5. SYSTEM PARAMETER 170, FTP-2 Automatic Report Number. When 2 FTP reports are linked to USER REPORT# 1 the register will now wait 3 seconds before it starts the second FTP transmission because some DNS servers gave problems.

RELEASE QC101104

NEW FEATURES:

1. SYSTEM OPTION 449, Update Report at Tender. When set the sales is not reported when ordering but at the moment of tender.
 - When used in combination with FLOATING CLERK INTERRUPT the sales is reported on the register where the transaction is paid.
 - It can also be used in combination with SYSTEM OPTION 96 (Balance at end of Transaction) and OPTION 338, 339 or 340 to store orders on a balance which should not be in the report when they are not paid on the register.
2. SYSTEM OPTION 450, Card Compulsory. This OPTION only works with CARD terminals type 52, 54, 55 and 56 for the Dutch market! When set it is **COMPULSORY** to insert a card in a CLOSED CARD system at the start of a transaction. When NO CARD or an INVALID CARD is inserted the register will give ERROR# 83 "Invalid or No Card". When the CARD TABLE (see card_table.pdf) is also active it is possible to select a Price Level and/or Salesperson at the start of the transaction.

RELEASE QC101111

NEW FEATURES:

1. USER REPORT# 199 can now be used to sent the REPORT JOURNAL to an FTP server. It is possible to take the report manual or automatically by programming report# 199 in SYSTEM PARAMETER 128 or 170.
2. PARAMETER 129, QWERTY keyboard Layout. French AZERTY lay out has been added.
 - 0 ---> Standard US layout
 - 1 ---> GERMAN layout
 - 2 ---> SPANISH layout
 - 3 ---> SWEDISH layout
 - 4 ---> NORWEGIAN layout
 - 5 ---> CZECH layout (Note that CE font must be installed!)
 - 6 ---> FRENCH layout

SOLVED PROBLEMS:

1. When a Z-report was stored in the Report Journal by setting OPTION 2.6 in the User report the register would not reset the report when taken as normal report only when taken a by a report macro it was reset.
2. USER REPORT# 199 on P-MODE wouldn't not reset the REPORT JOURNAL.
3. The terminating ZERO was sent in the REPORT JOURNAL when sent to the computer or FTP server.

RELEASE QC101112

NEW FEATURES:

1. SYSTEM OPTION 407, External AP701 Customer Display. When set the register will select code page "ISO8859-15:Latin9" when PARAMETER 58 (Character Set) is set to 102 (CP850) or 119 (CP858). This code page includes some special Scandinavian characters and the EURO sign.

SOLVED PROBLEMS:

1. FTP function was not working on LINUX based machines when the FTP server sent more then 1 line for answers for connecting and logging in.

RELEASE QC101129

NEW FEATURES:

1. SYSTEM PARAMETER 154 (FTP format for Singapore). New FTP Report format type 6 for Singapore. This format is the same as type 3 except for the Register ID.

SOLVED PROBLEMS:

1. Text formatting of long texts without spaces on keys has been improved.
2. When Clerk Interrupt was active in combination with a network or LAN printer and slip printing active while no slip printer programmed it was not possible to take a receipt copy when SYSTEM PARAMETER# 95 was set to 1.

RELEASE QC101222

NEW FEATURES:

1. SYSTEM OPTION 451, Store Receipt# with Order. When SYSTEM OPTION 425, 426 or 427 (Store Order Date on Table, Room or Account) is set and also OPTION 451 is set the the register will store the date, time and receipt# for every order on a Table, Room or Account. Using the format "Wed 10-03-2010 17:00 #000001". The date format depends on the date format used in the register and the receipt# format depends on SYSTEM OPTION 111 and 305. When the receipt printer prints less then 32 character the day of the week is not printed. See also OPTION 425, 426 and 427.
2. USB Mode 205 and 206 can now be used in a MACRO. It is possible to make a selection from the USB menu by entering the selection number (1 to 5) on the MULTIPLY key before the mode is selected. The macro should be <P-mode>, <1(selection 1 to 5)>, <X>, <205>, <TYPE>.
3. SYSTEM OPTION 452, Table Name on Table MAP. When set and the table name is active in the configuration the register will display the first line of the table name on the table map instead of the clerk name who opened the table.
4. SYSTEM PARAMETER 172, Columns In Balance Menu's. In this parameter you can program the number of columns displayed in the balance menu. When ZERO the default number of columns as set by the SYSTEM OPTIONS is used. The maximum number of columns is 7, when a value higher then 7 is programmed it will use 7.
5. STORING of Variable Text modifiers on balances. Modifiers with OPTION 1.3 and 2.3 set are now also stored on a balance and can be used to enter a text.
6. NEW BALANCE function for entering ORDER INFO. A new balance function (OPTION 1.2, 1.3 & 1.4 SET) is available which can be used to enter the order information. When the order is open and the function is selected the register will ask you:
 - PICKUP or DELIVERY
 - DATE (max 365 days ahead)
 - TIME starting from 8:00 (to 7:30)

The entered information is stored on the balance and printed on the order and on the KP tickets when used. Note that every time the function is used it will overwrite the order info which is already stored so when the order date has to be changed the function can be used again to enter a new date.

- GENERAL TEXT# 112 is used for "PICKUP".
 - GENERAL TEXT# 113 is used for "DELIVERY".
7. NEW QDRIVER COMMANDS FOR READ/WRITE BALANCE ORDERS. When using balances it is possible to read/write a balance order from/to a register. This can be used to read or send orders to the register. The order contents is stored in a CSV file. When the register is in a network and "floating balances" is active the orders send to the register are automatically stored in the other registers. For reading a balance order there are 3 commands. The order of a balance always starts with record type 1 (INFO Record) followed by records of type 2 (ITEM Record) and ends with record type 3 (TOTAL Record). (Re-)Installing is done by sending the downloaded/created CSV file. See QDRIVER.DOC for more information on the record formats.
 - COMMAND=D236 → Download Table Order
 - COMMAND=D237 → Download Room Order
 - COMMAND=D238 → Download Account Order
 8. NEW QDRIVER COMMANDS FOR READ/WRITE BALANCE BACKUPS. When using balances it is possible to read/write a balance backup from/to a register. This can be used to backup and re-install the contents of a balance file when the register configuration needs to be changed. The balance contents is stored in a CSV file in the "raw" format as used by the register internally. When the register is in a network and "floating balances" is active the backup must be re-installed to each individual register. For reading a balance backup there are 3 commands. The backup of a balance always starts with record type 1 (INFO Record) followed by records of type 2 (ITEM Record) and ends with record type 3 (TOTAL Record). Re-Installing is done by sending the downloaded CSV file. See QDRIVER.DOC for more information on the record formats.

- COMMAND=D239 → Download Table Backup
- COMMAND=D240 → Download Room Backup
- COMMAND=D241 → Download Account Backup,

SOLVED PROBLEMS:

1. When a discount was given on a MENU and the discount was updated in the items the register would increase the quantity counter with the menu item quantity which resulted in a double quantity for the item.
2. When a 100% discount was given on a MENU and the discount was updated in the items the register would not divide the discount in the correct way over the items inside the MENU.
3. When OPTION 320 (Info in Header) was set the info was printed twice when a copy was printed or when the receipt was printed with tender.
4. When a balance was not consolidated (OPTION 146, 147 & 148) and the order date was stored on the balance (OPTION 425, 426 & 427) the register would still print the covers and PORA function at the start end end of the invoice.
5. When OPTION 402 (Alfa Sorting Always Active) it could happen that a blank condiment screen was displayed after an item was selected using a department menu.
6. It was not possible to write the Electronic Journal to a SD card, Quorilog or USB stick when the Electronic Text Journal was full and SYSTEM OPTION 22 was NOT SET.
7. When OPTION 449 "Update Report at Tender" and a PORA function with option 1.6 NOT set the function was not updated in the report because the transaction was not finalized by a tender function.
8. Easy Programming mode 7 (Inventory Subtract) was not working anymore. It always gave "Invalid Entry" when the quantity was entered. (Problem started 100819).
9. When OPTION 338..340 was set so the report was updated when a balance was paid the PLU inventory was updated twice. It was updated at ordering and at payment.

RELEASE QC101223

SOLVED PROBLEMS:

1. There was a problem when sending order or backups to the QT2/Concerto using the new QDRIVER backup and order commands.

RELEASE QC101224

SOLVED PROBLEMS:

1. There was a problem when sending order date to the QT2/Concerto using the new QDRIVER order command.

RELEASE QC101230

NEW FEATURES:

1. SYSTEM PARAMETER 154 (FTP format for Singapore). New FTP Report format type 7 (Archer) for Singapore.

SOLVED PROBLEMS:

1. When OPTION 449 "Update Report at Tender" was used and also cover were used on a balance the register would add the transaction total to the number of covers store on the balance.

RELEASE QC110126

NEW FEATURES:

1. New Function ROOM CHARGE which can be used to charge the transaction amount to a back office program using a TCP/IP connection. See "ROOM_CHARGE.PDF" for more information. It can be found on the website in the file QROOM100.ZIP.
 - SYSTEM PARAMETER 173, Room Charge Tender Function#. In this parameter the Tender Function# used for Room Charge must be programmed.
 - GENERAL TEXT# 114, 115, 116 are used for the ROOM CHARGE function.
 - ERROR MESSAGE# 84 is used for the ROOM CHARGE function.
 - GENERAL MESSAGE# 128, Room Server Address.
2. SYSTEM PARAMETER 174, Reset SalesPerson#. When SYSTEM OPTION 19 (Reset Salesperson to 1) is set and this parameter is NON ZERO the register will reset the active Salesperson to the programmed number.
3. NEW OPTION 2.1 (Use Clerk Commission Rate) in SPECIAL Itemizer. When SET in a Special Itemizer used for commission calculation it is possible to use a different commission rate for each Clerk when in the Clerk Configuration the Commission Rate is activated and in the Special Itemizer used for commission calculation OPTION 1.5 AND 2.1 are SET. When the OPTION 2.1 is SET the register will also calculate the commission on the amount MINUS the EXEMPT amount.
4. SYSTEM OPTION 453, Round Quantity to max 5 decimals. When set the register will round quantities to maximum 5 decimals instead of 3 decimals when decimal quantity entry is used. Note that you must reserve enough space for the quantity field in the Report Totalizer Size configuration. When set to 8 maximum 123.45678 can be stored. When set to small the register will give Invalid Entry because the quantity cannot be stored.
5. SYSTEM OPTION 454, Round Subtotal Invoice. When set and rounding is used the register will also round the total on a SUBTOTAL Balance Invoice.
6. SYSTEM OPTION 455, Receipt with Balance Correction. When set the register will automatically issue a receipt when a VOID or REFUND was done on a balance and the orders were not printed on the the receipt printer. When Endorsement Message# 4 is active it is also printed on the receipt so a message can be attached.
7. Suppress the receipt print when the balance orders are printed on the receipt printer and no items were sold. The register would always issue an empty receipt. Now the register will only issue a receipt when items are sold. Note that this only works when the receipt is printed when the transaction is closed (Network Printer or Clerk Interrupt)
8. Receipt On/Off status is now saved in QT2, QT10 & QT15.
9. Age check is also done when manager is selected.
10. SYSTEM OPTION 456, Age Control at Payment. When this option is set the register will do the age check at payment and not when the article is registered.

SOLVED PROBLEMS:

1. When OPTION 150 (Print VAT on Subtotal Invoice) was set and also OPTION 338..340 was set so the report was updated when a balance was paid the register would update the VAT twice when the balance was paid without printing an invoice (OPTION 35 set).
2. When installing a PLU file with scan codes using QDRIVER and the command "10000;code" was used instead of "1xxxxx;code" and active fields were left empty the field contents of the last active PLU was stored when the new PLU was created.
3. When using forced condiment selection and a FIXED PLU was pressed instead of the required condiment quantity the screen could be partially corrupted.

4. When OPTION 430 was set the register would update the receipt number with every age request.
5. It is not possible to use the VOID function on balance when a discount was already given to the balance.

RELEASE QC110127

NEW FEATURES:

1. SYSTEM OPTION 456, Age Control at Payment. When set the following is activated:
 - When this option is set the register will do the age check at payment and not when the article is registered.
 - When the check is done manually It will start the check from the first Itemizer used. So when for example the first is 18 and the second 16 it will ask for 18 and only for 16 when 18 is rejected. When the first is 16 and the second 18 it will ask for 16 and only for 18 when also 18 is used.
 - The Age Control Items are marked with the first character of the Special Itemizer name. For example AGE 16 items with Special Text “* AGE 16” will be marked with “*Itemname 1.00” and AGE 18 items with Special Text “# AGE 18” will be marked with “#Itemname 1.00”.
 - When the AGEVIEWER Web Server is used (OPTION 430) the register will put the checked AGE in the ERROR Message #84 given when it is rejected. “XX only Allowed Age”. XX is the age so the first 2 characters in the Message should be reserved.

RELEASE QC110215

NEW FEATURES:

1. EFT TYPE 102 & 103 (Mercury Webservices) for the US market can now be used for US DEBIT cards in combination with the Verifone PS1000SE Pin Pad (EFT type 102) or the Verifone MX-830 terminal (EFT type 103) for PIN Entry. See EFT_US_MERCURY.PDF for more details.
2. When software version “QC110215” or newer is installed it is now possible to update the Mercury interface, Register Program and/or FONT file using a USB stick.
 - You must copy the file “mercury”, “combo” or “combo.qrf” to a USB stick in the directory “/qupdate”. Please note that the directory and filenames are case sensitive!!
 - The file “combo” is a special file which will from now on be included with the standard BIN file. It is not possible to rename the BIN file because it has a special format.
 - Insert the stick in register.
 - Turn Lock to “P-mode”.
 - Enter **5984** on the TYPE key. Now the register will check if the files “/qupdate/mercury”, “/qupdate/combo” and/or “/qupdate/combo.qrf” are found and will copy the file to the correct location.
 - After copying the register program the LQFlash program is started and must be closed so the register program is restarted
 - You can check if the correct version is installed by entering 305 on the TYPE key.
3. SYSTEM OPTION 457, Graphic Logo Slip Only. When set the register will only print the graphic logo on the SLIP printer when the SLIP and RECEIPT printer are the same physical printer. This can be used to print a graphic logo on table invoices printed on the slip printer and suppress it on direct sales receipts.
4. SYSTEM PARAMETER 166, Time Executed Macro. When non zero the register will check the programmed MACRO number if it is a time macro. Now you can also specify an optional Day of the Week or Day of the Month the macro should be executed.
 - The execution time is programmed in the MACRO name.
 - The macro is only executed when the register is switched on during the programmed time.

- When the register is in transaction at the execution time the macro will be executed when the transaction is closed.
- For example when want to automatically execute MACRO# 10 every day at 19:15 you must program 10 in Parameter 166 and "19:15" in the macro#10 name. Note that you MUST program in 24 hour format and HH:MM so 1:00 must be programmed as 01:00.
- Execution Time Format "HH:MM:W" or HH:MM-DD". The ":W" or "-DD" fields are optional when not programmed the macro will be executed daily.
 - ":W" is the day of the week the macro should be executed. (1 – Monday, 2 – Tuesday etc).
 - "19:15:2" will execute the Macro every Tuesday at 19:15.
 - "-DD" is the day of the month the macro should be executed. (01, 02.. 31)
 - "19:15-02" will execute the Macro every second day of the month.

SOLVED PROBLEMS:

1. When Parameter 171 (Parking Time Number Function) was used, the first PLU which is set in the Menu was excluded from the Time Calculation.
2. When OPTION 354 ("Accounts Used for TABS) was set and a table was transferred to an empty tab the register would use the table number as tab number.
3. When Code#'s were used for Balances and not all Balances were programmed with a code the PAGE UP key was not working on the last page. Now the register will start at the first page again when the PAGE UP key is pressed on the last page.

RELEASE QC110307

NEW FEATURES:

1. SYSTEM OPTION 458, Room Text used for Address Entry. When set the register will automatically clear the Room text lines when a Room balance is openend for the first time. When it is needed to print the customers name and address on the invoice it can be entered using the new balance function.
2. New (KP) Printer Type 25 for the BOCA ticket printer. When the KP printer type was set to 20 the register would print on the BOCA ticket printer and the PARAMETER 148 ("Ticket Width") was used for setting the Ticket Length in millimeter. By default the text as printed verical. With the new type 25 the text will be printed horizontal and the PARAMETER 148 is used for the Ticket Width in millimeter.
3. CLERK OPTION 2.5, Use Handheld Printer 2. When set and the clerk is entering orders using a handheld the register will re-direct all RECEIPT Printer Output to the printer programmed in SYSTEM PARAMETER 174 and 175 (see below).
4. SYSTEM PARAMETER 175 (Handheld Receipt Printer Type 2) and 176 (Handheld Receipt Printer Port 2) can be used to specify a dedicated receipt printer for a clerk with OPTION 2.5 set and who is working on a handheld. When programmed the register will re-direct all RECEIPT Printer Output to the programmed printer. The programming is the same as for the Receipt Printer parameter. It will override the Handheld Receipt Printer programmed in PARAMETER 143 and 144.

SOLVED PROBLEMS:

1. When you set OPTION 338-340 and you want to use the balance periods for history you MUST also set OPTION 107 (Update Balance at Payment). If not set the register updates the period at ordering and not at payment so when you use transfer the balance periods are not updated.
2. The register wouldn't display (and print) "Finished" when you wrote the Electronic Journal to a USB stick using report 103.

3. SYSTEM OPTION 452, Table Name on Table MAP. When set and SYSTEM OPTION 322 ("Table Text Used for Address Entry") is also set the register will only display the (entered) name when the table is open.
4. When SYSTEM OPTION 412 ("Only Master has balances") was set and a balance was open on the master it was not detected on the slaves when OPTION 311 ("Table Open on ONE network Register") was set.

RELEASE QC110310

NEW FEATURES:

1. SYSTEM PARAMETER 177, Instore Code Weight Check. When non-zero and a scale is connected the register will check all Instore Codes (scanned or entered) which are linked to a scalable item/department. This can be used to check if the actual weight of the item matches the weight in the "Instore Marking" code.
 - In parameter 177 you can program the allowed margin in grams (1 – 255). When you program 10 it means the weight on scale can be +/- 10 grams compared to the weight from the in store code.
 - When you have a code which contains the weight it is compared to the weight on the scale.
 - When you have a code which contains the price the register will calculate the weight by dividing the price in the code by price# 1 in the register and round the weight to 3 decimals. The calculated weight it then compared to the weight on the scale.
 - When the weight difference is more then the programmed margin the article is not accepted and ERROR MESSAGE# 85 ("Code Weight Difference") is given.
 - When there is a weight difference you can still sell the item as a normal scalable item by putting it on the scale and enter the PLU# then the register will use the weight from the scale and multiply it with the price in the register.

SOLVED PROBLEMS:

1. Split Equal Bill was not working with split tender. When a BALANCE INVOICE function with OPTION 1-1, 1-3 and 1-4 SET was used to issue split bills for the number of entered persons the register would use the entry on the tender function as number of persons.
2. When a computer report was taken using a LAN connection the first report taken after power up was always causing a comm error timeout.
3. When SYSTEM OPTION 260 ("Convert for Arabic Output") was set and a MODIFIER was used for entering variable texts (OPTION 1.3) the register would not reverse the entry and the KP print out of the entered text.

RELEASE QC110314

NEW FEATURES:

1. SYSTEM OPTION 459, No Average Cover Print. When set the register will not calculate the average cover amount for the cover function in the balance function report.

SOLVED PROBLEMS:

1. When OPTION 159 ("Compulsory Cover Entry") was set and a table was splitted to another empty table the new table would ask for covers again when opened.
2. When the cash register was in screen saver mode, no clerk button inserted and SYSTEM OPTION# 6 was set it could happen that an order from the Orderman Handheld was doubled when a KP was offline and the order was printed on a backup KP.

RELEASE QC110317

NEW FEATURES:

1. SYSTEM OPTION 460, Weight Confirmation. When set and a scale is used the register will display the weight and total price on the Operator and Customer Display and will wait for a confirmation when a scalable item is sold. While waiting it will update the weight and display every second so the operator can change the weight on the scale and when it is correct confirm. Confirmation is done by pressing the X (Multiply) key without entry, the register will then register the article. Any other key or changing the lock will abort the procedure and the article is not registered.

SOLVED PROBLEMS:

1. When entering the quantity and amount during cash declaration it was possible to enter a decimal point which could cause a problem in the printout of the entered amounts and the total amount entered.
2. When using SYSTEM PARAMETER 177 ("Instore Code Weight Check") and an instore price code was scanned/entered the register would do the check but after it accepted the code it would request the weight from the scale again and used it as quantity using the price stored in the code as the unit price.

RELEASE QC110321

NEW FEATURES:

1. SYSTEM OPTION 461, Toggle PLU Name 2 in Menu. When set and MENU Buttons (OPTION 195 SET) are used and the second caption for the PLU is active in the configuration it is possible to toggle between the PLU names shown on the MENU buttons.
 - When a MENU is opened which shows PLU names and the MENU TITLE is pressed/touched the register will redraw the same MENU and show the second PLU name when programmed.
 - When the second is name is shown the register will put the '**' character in front of the MENU TITLE.
 - When the second name is empty the first name is shown.
 - The MENU is always openend with the first name and you can toggle between the first and second name by pressing the MENU TITLE.
2. When OPTION 400 (USB Keyboard Scanner) is set the register will now also accept the ENTER character as terminator sent by the scanner when the register is in RG or MG mode. Note that in program mode the scanner input is always handled as keyboard input because the ENTER key is a programming key.

SOLVED PROBLEMS:

1. When using SYSTEM PARAMETER 177 ("Instore Code Weight Check") the register will not time out after the first weight request so scale motions are handled better.

RELEASE QC110325

NEW FEATURES:

1. When in a BALANCE INVOICE function OPTION 2.8 is set the register will automatically print a copy of the printed invoice.
2. SYSTEM OPTION 462, "Weight Comparison No MGR Control". When SYSTEM PARAMETER 177 (Instore Code Weight Check) is activated and the WEIGHT ITEM is under MANAGER control the register will not check for a manager when the weight code is scanned or entered on the PLU key. The manager control is only active when the item is sold as a normal weight item requesting the weight from the scale.

3. PARAMETER 178, Scale Retry count. When non zero the register will use the programmed value as retry counter for the weight request. When zero it uses the default retry count of 3 times. When the register doesn't receive a valid weight from the scale after trying the programmed number of requests it gives a "Scale Error". This can be used when the scale requires a long time to stabilise.
4. SYSTEM PARAMETER 179, Time Executed Macro# 2. It is now possible to execute 2 time based macro's. When non zero the register will also check the programmed MACRO number if it is a time macro. For details see SYSTEM PARAMETER 166 ("Time Executed Macro")

RELEASE QC110404

SOLVED PROBLEMS:

1. When using FLOATING CLERKS in COMBINATION with the 79 type keyboard (or 94 keys on QT15) which shows the running SALES TOTAL the register wouldn't clear the total from the last sale when a clerk was re-selected who already started a payment. The register doesn't update the running total when in split tender because it doesn't change anymore. Now the register will clear the total line when it recalls a transaction which was already partially paid like it does the normal HOLD function.

RELEASE QC110406

NEW FEATURES:

1. It was not possible to empty the complete PLU descriptor when programming the text using the cash register keyboard. The register would always put spaces in the name. In most cases this is no problem but it was not possible to suppress the second PLU name by removing the text the register would always print an empty line. Now you can empty the line by entering '0' CR or by entering 00 HEX CR and the line will not be printed.

SOLVED PROBLEMS:

1. When using CLERK INTERRUPT and a clerk still had a transaction ON HOLD when the register was switched off the clerk was reset when the register was switched on again. This could result in report differences between sales and financial totals because the transaction was not finalized properly.
2. When re-installing a backup from an USB stick on the QT2/Concerto it could happen that the data memory containing the files was only updated when the register was switched off and on again.

RELEASE QC110408

NEW FEATURES:

1. New EFT type 82 for Sweden. This EFT terminal is using the SOFIE protocol like the EFT type 21 for Norway. The only difference is that the commands for negative transactions, deposit and withdrawal are disabled. See EFT_NOR.PDF and EFT_SWEDEN_EMV.PDF for details.

SOLVED PROBLEMS:

1. When in a BALANCE INVOICE function OPTION 2.8 is set the register will automatically print a copy of the printed invoice. This was not working for the SLIP PRINTER.

RELEASE QC110412

SOLVED PROBLEMS:

1. When using CLERK INTERRUPT (floating clerks) in a network and a clerk was re-called on a register which was not used for transactions yet the re-called transaction was not displayed on the transaction screen. Only the re-called amount was displayed on the operator display. Once a transaction was started or the screen saver was activated the transaction was displayed.

RELEASE QC110426

NEW FEATURES:

1. SYSTEM OPTION 463, Consolidate Inventory in Network. When set and PLU inventory is used in a network the register will consolidate the inventory in the register on which the Inventory Network report is taken. This means that the inventory in the other register is reset to zero and the total inventory is stored in the reporting register.

Example:

Register# 1 PLU#1 inventory set to 30.
Register# 2 PLU#1 inventory set to -5.
Register# 3 PLU#1 inventory set to -10.

After a PLU inventory network report on register #1 the inventory will be:

Register# 1 PLU#1 inventory set to 15.
Register# 2 PLU#1 inventory set to 0.
Register# 3 PLU#1 inventory set to 0.

2. PARAMETER 103 ("Balance Scanning Code Format"). To make it possible to select a different balance type using a scan code it is now possible to select the balance type from the scan code when the function type# (XY where Y = 0) is set to ZERO (. When the last digit is 0 then use the 3rd code digit as function#.

Example:

Parameter 103 is 90:
code 990001 will use balance function# 1
code 991001 will use balance function# 2
code 992001 will use balance function# 3
code 998001 will use balance function# 9

3. SYSTEM OPTION 465, Active Clerk in Table Menu. When set the register will display the active clerk for an open table in the table menu. When the table is not open the table name is displayed. This can be used when no table map is used and the clerk should be shown.
4. SYSTEM OPTION 466, Show All Rooms and Accounts. When OPTION 234 (Only Open Balances in Window) is set and you still want to show all Rooms and Accounts this option can be set.

SOLVED PROBLEMS:

1. When OPTION 338, 339 or 340 was set (Report Balance at payment) and the balance was paid with print a direct or no invoice the register would send the articles to the KP again.

RELEASE QC110516

NEW FEATURES:

1. It is now possible to clear a string by sending an empty string ("") by QDRIVER. This can be useful when for example the trailer or header message should be shorter.
2. PARAMETER 92, Type Electronic Scale. New SCALE TYPE 14 (set to KG) and 15 (set to LB) for the "CAS PD-II SCALE set to ECR TYPE 3".
 - The CAS PD-II scales only allow one weight request and will not respond to a new request until the weight has been changed or removed. So once a weight request is made the scale will not respond until the weight is changed or removed.
 - When SYSTEM OPTION 460 (Weight Confirmation) is NOT SET this is not a problem and PARAMETER 92 can be set to type 2 (or 3 for pounds).

- When SYSTEM OPTION 460 (Weight Confirmation) is SET the scale type in PARAMETER 92 must be set to 14 (or 15 for pounds) so the system know it can only request once. Note that scale type 14 and 15 also display a weight of ZERO when the weight is removed before confirmation.

RELEASE QC110531

SOLVED PROBLEMS:

1. FTP Report# 120 for the special FTP Turnover report was not working anymore from release 110329. This was caused by the new FTP reports 121, 122, 123 and 124 used for the AC Nielsen format.
2. When using the Orderman Handheld and OPTION 183 ("Open Drawer Command to External Printer") was set and also an Ethernet LAN Handheld Printer (PARAMETER 144 or 176, port 250 - 255) was programmed the invoices from the handheld were printed on the standard receipt printer and could lock up the register. The register would always switch back to the standard receipt printer for the open drawer command.

RELEASE QC110603

NEW FEATURES:

1. When a MANAGER CLERK is ordering on a balance and AGEVIEWER is active the register will now sent an ALERT message to the AGE CONTROL server.

SOLVED PROBLEMS:

1. When AGE CONTROL was done at payment and the AGE CONTROL server was used and the DNS request resulted in an error the register forced a manual check until the register was re-started.

RELEASE QC110609

NEW FEATURES:

1. SYSTEM OPTION 467, Balance Text on KP Large Font. When set and the balance text lines are printed on the KP they are printed in FONT A, Double Size & Width when there is no font programmed in the line itself.

SOLVED PROBLEMS:

1. When entering Order Info with the BALANCE function for entering ORDER INFO and directly after it a text was stored on the balance using a direct modifier the register would print the wrong text with the order information. Also on the computer order report the wrong information was sent.

RELEASE QC110623

NEW FEATURES:

1. FONT value 255 for suppressing information on Kitchen Printer tickets. It is possible to suppress information on KP tickets by setting the FONT for that information to 255.
 - SYSTEM PARAMETER 23, 27, 31, 35, 39, 43, 47, 51 can be set to 255 for suppressing the item printing on KP tickets.
 - SYSTEM PARAMETER 68 can be set to 255 for suppressing the balance information on KP tickets.
 - SYSTEM PARAMETER 69 can be set to 255 for suppressing the KP name on KP tickets.

- SYSTEM PARAMETER 70 can be set to 255 for suppressing the receipt number on KP tickets.
 - SYSTEM PARAMETER 71 can be set to 255 for suppressing the date & time information on KP tickets.
 - SYSTEM PARAMETER 72 can be set to 255 for suppressing the clerk & salesperson information on KP tickets.
2. SYSTEM PARAMETER 180, Combine Articles from KP#. In this parameter you can program the start Kitchen Printer number from which the articles should be combined and sent to all active kitchen printers. This function is often used in pizzeria's so the side dish and pizza are printed on the pizza and side dish printer.

Example:

- PLU 1(KP#1), PLU 2(KP#2), PLU 3(KP#3), PLU 4(KP#4) and PARAMETER 180 is set to 2.
- Registration of PLU 1+ PLU 2 will print PLU 1 on KP1 and PLU 2 on KP2
- Registration of PLU 1+ PLU 3 will print PLU 1 on KP1 and PLU 3 on KP3
- Registration of PLU 1+PLU 2+PLU 3 will print PLU 1 on KP1 and PLU 2+PLU 3 on KP2 and PLU 2+ PLU 3 on KP 3
- Registration of PLU 3+PLU 4 will print PLU 3+PLU 4 on KP3 and PLU 3+PLU 4 on KP 4

SOLVED PROBLEMS:

1. When OPTION 449 (Update Report at Tender) was set and a SUBTOTAL DISCOUNT was given the discount was subtracted 2 times from the subtotal.
2. When using the ORDERMAN handheld and tables were not linked to a clerk so a table could be open on more then one Orderman or register at the same time a problem could occur when on a Orderman handheld a CORRECTION or SPLIT operation was done. When the table was changed/updated by an another Orderman or register before the table was closed it could happen that the wrong items were corrected or splitted which could also result in a wrong total. Now the register will check if the item still exists and when is has been changed by another Orderman it will be processed with the remaining quantity or skipped when already removed.

RELEASE QC110719

NEW FEATURES:

1. When OPTION 2.8 ("Extract VAT1") in DISCOUNT is set and also OPTION 2.6 ("Don't update Tax Itemizers) is set the register will Extract VAT# 1 from the discountable amount for the discount calculation but it will NOT subtract the VAT. This function is made for the Philippines where they only have 1 VAT rate and a special "Senior Citizen Discount" which extracts the VAT amount for discount/charge calculation. The function works for ITEM and/or SUBTOTAL discounts/charges.

Example for a sale of 100,00 on VAT 12% and CHARGE of 10%:

1 WHISKY	100,00	<----- Sale of Item
10% CHARGE	8,93	<----- Discount on NET (10% on 89,29)
<hr style="border-top: 1px dashed black;"/>		
1 Total	108,93	
12% VAT1	10,71	
Cash	108,93	

SOLVED PROBLEMS:

1. When SYSTEM OPTION 187 was SET to prevent new price entry for certain PLU's the register wouldn't allow a repeat sale of an item. When you pressed a fixed PLU or scanned the same item twice the register would give "Invalid Entry".
2. When SYSTEM PARAMETER 162 ("Error Timer") was used to automatically clear the Error Status and also SYTEM PARAMTER 177 ("Instore Weight Code Check") was used the register could open the PLU window when a code was scanned directly after a weight error instead of processing the code.
3. When OPTION 2.8 ("Extract VAT1") in DISCOUNT was set and a balance was used the register would print the extracted VAT twice on a balance invoice copy.

RELEASE QC110720

NEW FEATURES:

1. A new QDRIVER command D1700 for down/uploading the USER report file is now supported. See QDRIVER.PDF for information on the record contents.

RELEASE QC110805

NEW FEATURES:

1. First test version with new EFT type 83 and 84 for SAMPORT terminal used in Sweden.

SOLVED PROBLEMS:

1. When an AP-701 customer display was connected and linked PLU were used the display would only copy the last linked plu to the journal screen. The problem is that the display only copies the last information after a certain idle time so when more lines are sent only the last are copied. Because there is no way to force the display to update the screen the register now inserts a delay of 510 milliseconds when an article with a link is sold.
2. When OPTION 162 (Reprint Tax with Line Find) was used and also re-activation of balances was active (SYSTEM OPTION 252 or 344) the register could add the last TAX stored on the balance to the first printed tax line when the balance was first opened.

RELEASE QC110906

NEW FEATURES:

1. When OPTION 29 "Price Level Reset after Item" or OPTION 30 "Price Level Reset after Sale" is set the register will now reset the Price Level to the BASE level (PARAMER 106) when a clerk is de-selected (clerk key removed). This is done so the base level is reset when a price inquiry without a sale is done and clerk is compulsory.
2. SYSTEM OPTION 468, Suppress Total with Line Find. When SET and also OPTION 160 (Balance Auto Line Find) is SET the register will suppress the Order Total print on the Slipprinter. When also OPTION 161 (Suppress Info Print) is set the register will feed the paper and only print the entered items on the Slip. When the balance is paid the register will also print the VAT details for the balance and the other currency information when OPTION 9-16 is set.

SOLVED PROBLEMS:

1. It was not possible to program Macro's using the keyboard since Time controled Macro's were implemented. When PARAMETER 166 and 179 were both zero error# 6 was given. When they were NON ZERO programmed time macro was always changed.
2. When the register is in programming mode the time macro's are now not executed until the programming mode is closed.

3. When a balance is updated in the report at payment (OPTION 338 or 339) and a balance was re-activated (OPTION 252 or 344) on which a SUBTOTAL discount was given which was updated in the items the register would give the discount every time the balance was re-activated.
4. When OPTION 221 was set and an update was copied from USB stick the register wouldn't automatically restart the program.

RELEASE QC110908

SOLVED PROBLEMS:

1. When SYSTEM OPTION 264 ("Official Receipt Message") was set and a SUBTOTAL INVOICE of a Balance was printed by a MANAGER the register would only print MESSAGE# 87 and not MESSAGE# 85 & 87 as required.

RELEASE QC110923

SOLVED PROBLEMS:

1. When a function on another keyboard level generated an error and OPTION 123 and/or 124 was set to reset the keyboard level the error was not shown because the keyboard was re-drawn. The next key press would show the error again.

RELEASE QC111011

NEW FEATURES:

1. CLEAR & RESET BALANCE. It is now possible to complete clear a balance when code# are used. When you program a code# of ZERO in programming mode the register will clear all information on this balance when the balance is not open anymore else Error# 44 ("Balance Still Open") is given. This means that the text lines and all other stored information is cleared. It will also be cleared in the other registers in the network when floating balances are used. This can be useful when balances which are no longer used need to be removed when they are used for a delivery or account system.
2. SYSTEM OPTION 330, Portuguese Invoice Printing.
 - When the first prompt Message# 85 is empty the register will NOT ask for the name and address details and will only print the Invoice number.
 - When 1 is entered on the SUBTOTAL key and OPTION 330 is set the register will print a normal copy.
 - When 0 is entered on the SUBTOTAL key and OPTION 282 and 330 are set the register will print a NON DETAILED copy with Message# 90.
3. SYSTEM OPTION 470, Price Level Weight with 1 Decimal. When set and also OPTION 296 ("Price Level by Weight") is set the programmed weights/quantities are with 1 instead of 3 decimals so the maximum can be 6553.5 instead of 65.535. This could be useful when normal quantities are used which are entered instead of weights from a scale. When you program a value of 1 in SYSTEM PARAMETER 92 and 0 in PARAMETER 93 the register will select the price level for all articles which are marked scalable and the quantity is entered.
4. SYSTEM OPTION 471, Print Subtotal with Balance %-Discount. When set and also OPTION 131 ("Subtotal Discount only allowed once") is set the register will store the discount subtotal amount for percentage discounts and print the subtotal on the balance invoice.
5. SYSTEM PARAMETER 182, KP Balance Text Lines. When NON ZERO the register will print the programmed number of Balance Text Lines.
 - When you set it to 2 and 6 text lines are stored for balances the register will only print Balance Text Line# 1 & 2 on KP tickets.

- When set to more then the maximum number of lines all lines are suppressed.

SOLVED PROBLEMS:

1. When SYSTEM OPTION 468 was set and also SYSTEM OPTION 338, 339 or 340 was set so the balance was updated in the report when paid the VAT already stored on the balance was added to the printed VAT so the printed total was wrong.
2. The Program Dump of balance information has been changed when balance text lines are used. When the delivery system was active the text lines were printed wrong.
3. When an AP-701 customer display was connected and the first items were registered very fast it could happen that the first item was not copied to the journal screen. The problem is that the display only copies the last information after a certain idle time so when more lines are sent only the last are copied. Because there is no way to force the display to update the screen the register now inserts a delay of minimum 600 milliseconds before the second item is displayed after the journal screen is cleared.

RELEASE QC111020

NEW FEATURES:

1. New Maintenance modes 327, 328 and 329 in P-MODE for the DELIVERY SYSTEM. When in the ROOM configuration is activated that the Time is stored the register can use this time to do some checks on DELIVERY balances. When the time is not stored the modes also work but are always used on ALL balances so MODE 329 should be used with care! The modes are started by entering the number of days on the multiply key and then the mode on the TYPE key. When 9999 is entered as number of days ALL balances are printed or removed with mode 329.

- **MODE 327**

This mode can be used to print the DELIVERY customers which are not used anymore after the entered days.

Example:

30 x 327 TYPE will print all Delivery balances which are not used anymore the last 30 days.

- **MODE 328**

This mode can be used to print the DELIVERY customers which are used after the entered days.

Example:

30 x 328 TYPE will print all Delivery balances which are used the last 30 days.

- **MODE 329**

This mode can be used to remove the DELIVERY customers which are not used anymore after the entered days. When in network the customers are also removed on the other registers.

Example1:

30 x 329 TYPE will remove all Delivery balances which are not used anymore the last 30 days.

Example2:

9999 x 329 TYPE will remove all Delivery balances.

Note1:

When you install an application by computer which has already customers programmed they are all marked as NOT used so they will be removed when not used and mode 329 is used!!

SOLVED PROBLEMS:

1. When ROOMS were used for Delivery (SYSTEM OPTION 323) in a NETWORK with floating balances and a NEW delivery customer was created on 2 or more registers at exactly the same time

it could happen that the order was added to the other customer which was created at the same time. The register will now use different balances depending on the register#. So when you have a network of 3 registers register# 1 will use balances 3, 6, 9 etc and register # 2 will use 1, 4, 7 etc. and register# 3 will use 2, 5, 8 etc.

RELEASE QC111026

SOLVED PROBLEMS:

1. When the new SYSTEM PARAMETER 182 ("KP Balance Text Lines") was set to ZERO the register wouldn't print the Balance Text Lines on the KP tickets anymore. This could give problems with existing installations. You had to set it to the number of lines in the configuration of the balance. This could also give problems when more balance types (table, room and/or accounts) were used which didn't have the same number of text lines. Setting it to a value which was larger then the number of lines would suppress the lines on balances with less lines in the configuration.

RELEASE QC111103

SOLVED PROBLEMS:

1. It was not possible to program Macro's using the keyboard since Time controlled Macro's were implemented. When PARAMETER 166 and 179 were both zero error# 6 was given when trying to change a field in the macro.
2. When the Arabic Character set was used and an external printer was used the conversion printer from code page 1256 (Windows Arabic) to code page (IBM DOS) 864 for character code EA was wrong it was converted to F8 instead of F6.

RELEASE QC111118

SOLVED PROBLEMS:

1. It was possible to SPLIT a balance which was updated during ordering to another balance type which was updated at payment. Now Error# 1 is given when this is tried.
2. When tax activation (gratuity) is used in combination with a network printer the tax was not printed on the receipt.
3. When using MENU's in combination with SYSTEM OPTION 338, 339, 340 or 449 which will update the reports at payment and a SUBTOTAL discount was used which updated the individual items (OPTION 2.5 set) the register would update with a wrong discount amount which caused very large amounts in the report.
4. When using ORDERMAN and a special printer with PARAMETER 175 & 176 the register wouldn't restore the original printer.
5. When a Modifier text was changed on the register itself and installed in the Orderman terminal the register would not recognize the modifier when sent by the handheld because the handheld removed trailing spaces when sending the modifier.

RELEASE QC111122

SOLVED PROBLEMS:

1. When using a ELECTRONIC TEXT journal and ARABIC Output Conversion (SYSTEM OPTION 260) was activated the register would inverse the lines in the journal when the journal was printed, re-displayed or taken by computer.
2. When SYSTEM OPTION 338, 339 or 340 was set and a balance was re-activated and before the balance was closed the register was switched off the balance sales was added again to the report.

3. When SYSTEM OPTION 338, 339 or 340 was set and a balance invoice was printed and paid but there was a printer error on a direct connected printer the balance was not closed and when re-printed the sales was added again. Problem only occurred on a direct printer and not on a network printer.

RELEASE QC111128

NEW FEATURES:

1. SYSTEM OPTION 473, Internal Printer Type# 2 fixed to 56mm. When set the register will format for 56mm (27char/line) for the Internal Printer. This option can be used when you want to use an internal printer on an another register which has automatic detection of the internal printer width.
2. SYSTEM OPTION 474, Alfa Sort only PLU, DEPT, MODI & WLU. When set and OPTION 402 is also set then the automatic alfa sorting is only active on PLU, Department, Modifier and Window Lookup windows.
3. New OPTION 2.5 "Update Drawer Total" for the PORA function. This option can be used to add or subtract an amount directly from a drawer total inside a normal transaction.

Example: This function can be used to take money from the drawer when the payment is done using an EFT function. You must create a not single item RA function (OPTION 1.5 & 1.6) with OPTION 2.5 set

SOLVED PROBLEMS:

1. When OPTION 341 was set the functions programmed on the keys not programmed were still active and would also re-display the key when pressed.
2. When OPTION 402, Alfa Sorting Always Active. When set there was a hidden button at the end of the list and when you pressed on this position a new button without text appeared and a random function was executed.
3. When OPTION 402 was set the scroll buttons were always shown even when the screen was not completely filled.

RELEASE QC111202

SOLVED PROBLEMS:

1. When a TRANSACTION CANCEL was done in which a Subtotal Discount was used which updated the items the discount was added to the item report again instead of canceled.
2. Second field in Bankaxcept terminal response checked.

RELEASE QC111229

SOLVED PROBLEMS:

1. When a computer report was taken while the register was in transaction (SYSTEM OPTION 211 set) the items registered after the report were not updated in the time zone reports.
2. When SYSTEM OPTION 145 ("Print NET SALES TOTAL without TAXES) was set and a detailed balance (Table, Room or Account) Z-report was printed on the register the wrong balance was reset. This only happened when the detailed report was printed and taken on the register in Z-mode not when the report was taken by computer in Z-mode.

RELEASE QC120125

NEW FEATURES:

1. SYSTEM PARAMETER 183 & 184 are reserved for Swedish Version with BOXEN connection.

2. New Printer TYPE 26 which can be used to control an Epson Compatible printer which uses the ESC/POS commands (as used by the TM-88) but prints a different number of characters per line. The number of characters for Font A & B can be programmed in SYSTEM PARAMETER 185 & 186. The width of the logo can be programmed in SYSTEM PARAMETER 187. For example for an Epson TM-88 printer 185 = 42, 186 = 56 and 187 = 64 can be used which is the same as setting the printer type to 3.
3. SYSTEM PARAMETER 185, Printer Type# 26 Font A characters per line. When zero the printer is not active. The maximum is 80 char per line.
4. SYSTEM PARAMETER 186, Printer Type# 26 Font B characters per line. When zero Font A width is used. The maximum is 80 char per line.
5. SYSTEM PARAMETER 187, Printer Type# 26 Logo width in pixels/8. The value is the number of pixels divided by 8 and rounded up. For example for 512 pixels a value of 64 (512/8) must be programmed. For 576 pixels a value of 72 (576/8) must be programmed. When ZERO the logo is not sent to the printer but the command to print the logo is sent when the logo is active in the application.

SOLVED PROBLEMS:

1. When using an ELECTRONIC TEXT journal and ARABIC Output Conversion (SYSTEM OPTION 260) is activated the register will inverse the Arabic texts before storing them in the text journal which causes that the Text Journal cannot be read the computer. The lines must be stored in this way so it is possible to print it on the printer. ONLY when using a BINARY journal and using report#103 the journal can also be read and displayed on the computer.

RELEASE QC120208

NEW FEATURES:

1. Changes made for Printer TYPE 26 which can be used to control an Epson Compatible printer which uses the ESC/POS commands (as used by the TM-88).
 - The command "FS q 1 [xL xH yL yH d1...dk]" is used for initialization of the Graphic Logo. This will store the logo in the NV RAM.
 - The command "FS p 1 0" is used for printing the LOGO.
 - When SYSTEM PARAMETER 187 is ZERO the logo is not initialized but the command to print Logo# 1 stored in the NV RAM is still sent. In this way it is possible to print a logo which is already stored in the printer.
 - The Logo initialization timing for a Ethernet LAN printer has been changed for Printer Type 26
2. SYSTEM OPTION 475, Only Table Start Time. When set and the time is stored on a table the register will ONLY store the time when the table is first opened and will not update the time when additional orders are done. In this way it is possible to see how long a customer is occupying a table.

RELEASE QC120210

SOLVED PROBLEMS:

1. When TIP entry was done on a balance using a special tendering function with OPTION 1.3 set and this balance was re-activated the TIP was added to the report again.
2. When SYSTEM OPTION 436 ("Only Check Slip when Compulsory") was used in combination with CLERK INTERRUPT the register would still issue a SLIP when slip was not compulsory.
3. When a slip printer was used to print a balance invoice and the invoice was longer then 1 page the register would give "SLIP ERROR" after the invoice was printed and the tender key had to be pressed again.

RELEASE QC120224

NEW FEATURES:

1. SYSTEM PARAMETER 188-191 are reserved for future use.
2. SYSTEM OPTION 476, Print Department Name on Invoice. When set and OPTION 33 is NOT set the the Department Name is printed on the Balance Invoice when OPTION 146, 147 and 148 are NOT set for that balance.
3. SYSTEM PARAMETER 192, Magnetic Card Number Size, If NON-ZERO the register will use the programmed number of digits from the card number read by the reader connected to the port# as programmed in SYSTEM PARAMETER 94 ("Magnetic Cad Reader Port#").
 - A value smaller then 100 will use the digits starting from the beginning.
Example: Card# stored is 1234567890 and value is 3 then the card# used will be 123.
 - A value larger then 100 will use the digits starting from the end.
Example: Card# stored is 1234567890 and value is 103 then the card# used will be 890.

Note: When the first position on track#1 is used as format code and is not a digit it will be skipped.

SOLVED PROBLEMS:

1. PRINTER TYPE 22 was not working. This type is the same as type 21 but it will suppress the terminating line with "++++..++".
2. When a COUPON was issued with the special coupon function (pora) and then the transaction was canceled the coupon was still issued and also stored in the coupon in/out file when active.
3. When a COUPON was received with the special coupon function (pora) and then the transaction was canceled the coupon was still stored in the coupon in/out file when active.

RELEASE QC120307

NEW FEATURES:

1. SYSTEM OPTION 477, Display Error Code. When set the register will display the Error Number in front of the error text. When OPTION 321 is also set the Error Code is displayed in the Window Title instead. It will be displayed as "EXX-" where XX stands for the Error Number (Example: "E01-Invalid Entry"). When the error code is larger then 99 the 'E' will be skipped.
2. USER REPORT OPTION 1.7 ("All Clerks/SalesPersons"). This option is used to change the sequence in which the register prints the report links in Clerk and/or Salesperson reports. When set the register prints all report links for each clerk/salesperson instead of printing all report links and for each link the clerk/salesperson total. Now this option can also be used for Zone Reports (time, day, week, month). Note that all report links have the same zone type. For example when you have Total Sales and Tenders for day of the week report it will be printed:

OPTION 1.7 NOT SET	OPTION 1.7 SET
--------------------	----------------

Tuesday		Tuesday	
Total Sales	10.00	Total Sales	10.00
Wednesday		Cash	10.00
Total Sales	20.00	Wednesday	
Tuesday		Total Sales	20.00
Cash	10.00	Cash	20.00
Wednesday			
Cash	20.00		

RELEASE QC120329

NEW FEATURES:

1. First Official release for the QOrder Handheld system. The handheld can be used on the Qtouch 2/ Concerto, QTouch 10Pro, QTouch 15 and the new QTouch 10 models.

SOLVED PROBLEMS:

1. When the Delivery System was used and SYSTEM OPTION 193 (4x4 Block Right) was set it was not possible to close the re-order window.
2. From release QC120125 there was a problem when SYSTEM OPTION 371 (Auto Skip Register) was set and a report was taken. The register would always give Receipt Paper End error after a report. This error could only be reset by power off/on the register.
3. When using covers it could happen that the register displayed "Deliver Saturday 01-01 00:00" when an order was entered and SYSTEM OPTION was NOT set and an item was register 2 times.
4. When OPTION 412 ("Only Master has Balances") was set and a balance was first opened on a register and articles were ordered and before the balance was closed the balance was also opened on another register and then closed and then also closed on the other register without ordering articles the first order was lost.

RELEASE QC120412

NEW FEATURES:

1. Updates made for displaying QOrder name during logon.

SOLVED PROBLEMS:

1. When a section total of the Drawer Totals was printed in a USER report the Open Drawer function was also added to the section total. Now the drawer functions with option 1.1 and/or 1.2 set are not added to the section total anymore.

RELEASE QC120420

NEW FEATURES:

1. When the Receipt On/Off key is used it is now also stored in the "Binary" Electronic Journal.

SOLVED PROBLEMS:

1. When a QORDER with an "old" software version which didn't support the handheld name was assigned the register would display a wrong text. Now it will display the MAC address again when no name was received during the assignment procedure.
2. There was a problem when using variable kitchen texts which are stored on a balance and the variable text was longer than 8 characters and stored on the last position of an item block. When the item with this variable text was voided or splitted it could result in corruption of the balance item block buffer. It could overwrite the next block pointer. This could result in an invoice with wrong items. The only way to correct the item buffer was by re-installing the program or reset the system (4444).
3. When OPTION 427 was set and also External Logging (PARAMETER 125 set to 3) was active the register could lock up.
4. When using external logging (PARAMETER 125 set to 3) the register wouldn't send the balance invoice details when a balance invoice was printed and paid.

RELEASE QC120509

NEW FEATURES:

1. The conversion table for Arabic character has been changed for Persian characters.
2. SYSTEM PARAMETER 197, FTP Response Timer. The default timeout for a FTP command is set to 8 seconds. In some installations this time seemed to be too short so it is now possible to extend the time by the number of seconds programmed in this parameter. The programmed time is added to so the minimum is still 8 seconds.

Example1: PARAMETER 197 = 0 then time out is 8 seconds.

Example2: PARAMETER 197 = 12 then time out is 20 seconds (8+12).

SOLVED PROBLEMS:

1. The changes made for QOrder (from release xx120329) caused that it was not possible to access a network register using a serial connection to one of the registers in the LAN network. It was only possible to access other registers when the computer was also connected to the LAN.
2. When OPTION 321 was not set it was not possible to assign a QOrder Handheld.

RELEASE QC120518

NEW FEATURES:

1. New commands to block the keyboard of the register. These commands can be sent by QDRIVER or can be put in a MACRO so the keyboard can be blocked using a time based macro.
 - When the register is blocked GENERAL MESSAGE# 40 ("One Moment Please") is displayed and all input is disabled. When OPTION 321 is set a window is displayed else the message will be displayed on the bottom line in the Operator Display.
 - The register remains blocked until it is released by QDRIVER, a TIME MACRO or when it is switched OFF/ON.
 - It is possible to block/release the keyboard using a TIME MACRO and then release/block it by QDRIVER

New QDRIVER Commands:

- The command "CKB" can be used to block the keyboard.
- The command "CKR" can be used to release the keyboard when it is blocked.

New MACRO Commands:

- When you put keycode 249 in a macro it will block the keyboard.
- When you put keycode 248 in a macro it will release the keyboard when it was blocked.

2. **BONUS POINT CALCULATION.** It is possible to use the Special Itemizers for Bonus Points calculation at the end of a transaction. In order to use it the Special Itemizer Function must be activated in the Configuration so Articles and/or Departments can be linked to a Bonus Point Special Itemizer. The Bonus points are calculated using the amount or quantity from the Bonus Special Itemizer so it is possible to exclude Articles or Departments for the Bonus Points calculation.

- Bonus Point by Amount calculation is activated by setting OPTION 2-2 and programming the the Amount for 1 bonus point in the "rate" field.
- Extra Bonus Point calculation is activated by setting OPTION 2-3 and programming the number of points per unit in the "rate" field.
- Bonus points are calculated at the end of a transaction.
- Bonus Points are not stored on a balance (table, room or account) and are issued at ordering and not a payment.
- When the amount or quantity is negative Bonus Points will not be issued.
- In the Special Itemizer report the register will report the Bonus Points Issued when in the report configuration the quantity field is activated. The amount on which the Bonus Points are issued is also reported.
- When more then 2 Bonus Point Special Itemizers are used inside a transaction the register will print an extra line with the TOTAL BONUS POINTS issued on the receipt using General Text# 117 ("Total Points:").

There are 2 types of Bonus Point Calculation possible.

AMOUNT BONUS POINT:

This type of bonus points are calculated by dividing the Total Special Itemizer Amount by a Bonus Point Amount. For example when the Bonus Point amount is set to €10,00 the register will issue a Bonus Point for every €10,00 sold.

Programming:

- Create a Special Itemizer Function with ONLY OPTION 2-2 set.
- In the "rate" field you must program the amount value for 1 bonus point.

Example:

Special Itemizer#2 used for Amount Bonus Points for every €10,00 sold (option 2-2 set and rate set to 1000). PLU#1 & 2 are linked to Special Itemizer#2 and PLU# 3 is not linked.

```

1 PLU#1           5,00  - - Itemizer#2
1 PLU#2           7,50  - - Itemizer#2
1 PLU#3           10,00
-----
3 Total           22,50
  Cash           22,50
  Points:         1  - - Itemizer#2 (12,50 / 10,00 is 1)
  
```

EXTRA BONUS POINTS:

This type of bonus points will be calculated by multiplying the Total Special Itemizer Quantity by the number of Bonus Points for 1 unit.

Programming:

- Create a Special Itemizer Function with ONLY OPTION 2-3 set.
- In the "rate" field you must program the the number of bonus points for on unit.
- Note that when System Option 141 is set Articles with a decimal quantity will add 1 to the Special Quantity Itemizer.

Example:

Special Itemizer#3 used for 2 Extra Bonus Points for every unit sold (option 2-3 set and rate set to 2). PLU#1 & 3 are linked to Special Itemizer#3 and PLU# 2 is not linked.

```

1 PLU#1          5,00  - - Itemizer#3
1 PLU#2          7,50
1 PLU#3          10,00 - - Itemizer#3
-----
3 Total          22,50
  Cash          22,50
  Extra Points:      4  - - Itemizer# 3 (2 X 2)

```

Example:

Combination of Amount and Extra Bonus Points.

```

1 PLU#1          5,00  - - Itemizer#2 & 3
1 PLU#2          7,50  - - Itemizer#2
1 PLU#3          10,00 - - Itemizer#3
-----
3 Total          22,50
  Cash          22,50
  Points:          1  - - Itemizer#2 (12,50 / 10,00 is 1)
  Extra Points:      4  - - Itemizer#3 (2 X 2)
  Total Points:      5  - - Total Bonus Points (General Text#117)

```

RELEASE QC120608

NEW FEATURES:

1. SYSTEM PARAMETER 198, KP Combine Font. When non zero this font is used for the articles which are printed on the combined KP tickets as specified by SYSTEM PARAMETER 180. This makes it easier to see on the ticket which are the original and the combined articles.
2. Price Level Function can now be put in a Window Lookup.
3. SYSTEM PARAMETER 199, Display Table MAP. When non zero and also the number of TABLE MAPS is programmed in SYSTEM PARAMETER 121 the register will show the programmed TABLE MAP when the INACTIVITY TIME as programmed in SYSTEM PARAMETER 8 has expired.
 - It will show the TABLE MAP instead of the normal screen saver.
 - It will only show the TABLE MAP in RG and MG mode.

- When SYSTEM OPTION 92 ("Floating Balances") is set and the MAP is already on the screen the screen will be updated the next time the timer expires.
4. New method to add an amount to the payment total for an EFT function using the X (multiply) key. This function can be used when a customer wants to pay with EFT but at the same time wants to withdraw cash from his account. When you enter the amount on the X key before you press the EFT key the register will add the amount to the sales total and use it as entry on the EFT function.
- This function only works for EFT functions (OPTION 1.7 or 1.8) set in tender function.
 - When entry is done in using this method the register will print the Sales + Entered Total with General Text# 118 ("EFT Total") instead of the entered total with General Text# 16.
 - Option 1.6 (No entry allowed) can still be set in the EFT function so entry is only possible in this way.
 - You could make macro's with pre-defined amounts like 10,00, 20,00 and 50,00.
 - The change can be reported in the Over Tender Drawer Total.

Example:

Sales Total is 10,00 and the customer wants to withdraw an extra 20,00. First enter 20,00 on the X key and then press the EFT key. The register will sent 30,00 as transaction amount to the EFT terminal and when accepted print display 20,00 as change.

SOLVED PROBLEMS:

1. When OPTION 402 (Alfa Sorting Always Active) and the seat number system (PARAMETER 111) was used the register would display a wrong INVOICE selection menu when the INVOICE key was selected.
2. When rounding (option 2.7) was done by a tendering function which also had number entry (option 2.6) set and the number entry was aborted or generated an error the rounding was not printed and reported when the function was used again in the same transaction.
3. When balances were updated during payment (OPTION 338, 339 & 340) and ADDON TAX was used and the QTY field was active in the TAX report construction the register would add the TAX also to the QTY field. The register doesn't store the tax quantity on a balance only the tax and taxable amount are stored when ADDON tax is used. Now the register will add ONE to the tax qty field in the report when a balance is paid.
4. When a Special Itemizer was used for AMOUNT BONUS POINT calculation (OPTION 2.2 set) and the "rate" field was set to 0 it could result in a program crash when the Special Itemizer was used.
5. When Special Actions were used in combination with ADDON tax and an item was linked to more then one tax the register would display a wrong subtotal when the action was triggered and the subtotal key was pressed. On the receipt the correct total was printed. This only happened when an item was linked to more then one tax at the same time. The system assumed that an item was always linked to 1 tax.

RELEASE QC120611

SOLVED PROBLEMS:

1. On a copy receipt the register printed the wrong text when an amount was added to the EFT total using the X key. When you set the EFT port# to zero you can use the EFT function for testing without a terminal.

RELEASE QC120614

SOLVED PROBLEMS:

1. When an application was downloaded from the register to the computer using QPROG and then in QPROG a bitmap was placed on a key and then changes were send to the register without doing anything on the register the bitmap was not placed on the key.

RELEASE QC120620

NEW FEATURES:

1. Special Actions are now also shown on the "External AP701 Customer Display" (SYSTEM OPTION 407) at payment.

RELEASE QC120628

NEW FEATURES:

1. When OPTION 2.7 and 2.8 are BOTH set in the USER REPORT the report cannot be taken in X or Z MODE on the register but can still be taken by computer. When only 2.7 or 2.8 is set the option also works for the computer reports. In this way it is possible to block reports on the register so they can only be taken by the computer.
2. New USER REPORT OPTION 1.4 "Clerk Controlled" in User Reports to control which report can be taken by a clerk. When a clerk has OPTION 1.7 "Only Clerk Reports" set he can normally only take User Reports which have OPTION 1.5 "Clerk Totals Only" set on all other reports ERROR# 48 "Not Authorized" is given. When you set OPTION 1.4 (and not set 1.5) in a USER REPORT this report can also be taken by a CLERK which has OPTION 1.7 set. In this way it is possible to block only certain reports for a clerk.

SOLVED PROBLEMS:

1. When a USB scanner was used and the CAPS key was set on the QWERTY keyboard the register would convert the scanned code because the USB scanner emulates a keyboard. Now the register will convert the scanned code back to numeric value when scanned.
2. When Automatic Discount on a balance was used and Re-Activation of Tables or Rooms was used the register would give the wrong discount when a balance was opened and closed on cash directly. The register would then add the Special Itemizer from the last stored balance.
3. The new BONUS POINT function (from QC120518) using the Special Itemizers caused a problem with the Discounts which are linked to a Special Itemizer and stored on a balance. The Special Itemizers not used for BONUS POINTS were stored 2 times on the balance which resulted in a double discount.
4. When condiment selection is used on articles it was possible to enter ZERO as quantity when the register prompted for a quantity. Now it will give Invalid Entry when ZERO is entered.

RELEASE QC120706

NEW FEATURES:

1. New EFT TYPE 104 (Datacap with OOS solution) for the US market. See EFT_US_DATACAP.PDF for more details.

RELEASE QC120906

NEW FEATURES:

1. New demo mode for QOrder system. When you enter 1234567 on the QOrder button in the 9100 menu in Manager or Program mode you can assign a QOrder in demo mode.
 - It will print DEMO on all tickets and use prices of 0,01 cent for all Items registered using the QOrder HandHeld.
 - Maximum 5 tables, 3 clerks, 5 departments and 50 PLU can be used.
 - Note that you must also have QH120906 or newer installed in the QOrder.

- After 30 minutes the DEMO assignment will be disabled.
- 2. When the SHIFT (CAPS) keys is pressed on the QWERTY keyboard the keys will show the selected shift level.
- 3. SYSTEM OPTION 479, Alfa Search Not Case Sensitive. When set the Alfa search in lists is not case sensitive.
- 4. SYSTEM PARAMETER 200, Register# for Network Reports. When NON ZERO only the register number as programmed is allowed to take consolidated network reports in Z-mode. In this way the system always prints the Z-counter of the same register# on the Z-reports. Note that it is also checked when a computer requests a consolidated Z-report from a network register. When you try to take a consolidated Z-report on another register Error# 48 ("Not Authorized") is given.
- 5. SYSTEM OPTION 480, Store Receipt On/Off Status, When set the register will store the Receipt On/Off status in the Electronic Journal. There will be a '-' (minus) after the receipt number when the receipt was off.
- 6. SYSTEM OPTION 481, Accounts used for Loyalty Cards. (See "Loyalty.pdf").
- 7. SYSTEM OPTION 482, Remove Subtotal Discount with Balance Re-Activation. When set and a balance is re-activated on which a SUBTOTAL discount was given the discount will be removed when the balance is re-activated.
 - You can give another discount when you close the balance after re-activation and then re-open it for the new discount.
 - The discount will be removed from the report and will update correction# 1 report (Error Correction).
- 8. PARAMETER 92, Type Electronic Scale. New SCALE TYPE 16 (set to Ounce "Oz") for the "CAS PD-II SCALE set to ECR TYPE 3".
 - Certain CAS PD-II models can be set to use Ounces (oz) instead of Pounds. When the scale is set to ounces it will respond with a weight with 1 decimal instead of 2 when set to pounds.
 - Also see OPTION 483 (Print "oz" instead of "kg").
- 9. SYSTEM OPTION 483, Print "oz" instead of "kg". When set the register will print "oz" instead of "kg" on the line which is printed when OPTION 1-6 in the department is set. Note that OPTION 133 must be OFF else "lb" is printed.
- 10. It is possible to enter a balance number in the middle of a transaction using a BALANCE FUNCTION type DIRECT SALE (1.2 and 1.4 SET).

SOLVED PROBLEMS:

1. The Persian conversion routine is disabled again. It was activated by accident.
2. When set for Arabic display the error message were shown wrong when OPTION 321 was set.
3. When a SPLIT TABLE (by item) was done and no invoice (OPTION 35 set) was printed the split total was deducted twice from the table amount.
4. When using scanning and the last PLU was linked to department#1 and the department# 1 list key was pressed the list was filled with the last PLU.
5. When OPTION 429 ("Print Direct Sales in Balance Function Report") was NOT set the average amount per cover was also not printed.
6. When a transaction was started using a BALANCE FUNCTION type DIRECT SALE (1.2 and 1.4 SET) it was not possible to use the Error Correction or Void function. It would give error# 29 ("Close Balance").

RELEASE QC120914

SOLVED PROBLEMS:

1. When OPTION 338-340 (Balance update at payment) was set and a balance was printed and paid using a PRINT BALANCE BILL (2 is SET and 1,3,4 are NOT SET) function the register wouldn't update the reports.
2. From Release 120420 there was a problem when scancodes were used and the option "Store Scancodes" in the "Configuration->Balance Item Blocks" was set. When more then 7 different articles were ordered on a balance the invoice was corrupted and articles were missing when the balance was printed. The total amount was still correct.

RELEASE QC120920

NEW FEATURES:

1. New Computer User Report #108 for reading the Electronic Journal in GDPdU format. (See "GDPdU.pdf")
2. When the slip printer type is NOT set to type 5, 6, 11 or 19 the register will now sent Line Feeds to feed the paper instead of using the special EPSON command to feed the slip paper. This can be used for printers which are used as slip printer but don't support the special feed command. When it is a page printer it might be required to also set SYSTEM OPTION 272 to release and issue the paper.

RELEASE QC120921

SOLVED PROBLEMS:

1. The changes made for OPTION 481 ("Accounts used for Loyalty") in release 120906 caused that the automatic discount for balances was not working anymore.

RELEASE QC121024

NEW FEATURES:

1. SYSTEM OPTION 482 ("Remove Subtotal Discount") is set the removed discount is no longer reported in correction# 1 report (Error Correction) because it is not a real correction.
2. When the register is powered up it is now also stored in the "Binary" Electronic Journal.
3. SYSTEM OPTION 484 ("Block During Computer Report"). When set the register will display General Message# 40 ("One Moment Please") when a computer report is taken. When entry or scanning is done when the message is displayed it will result in Error# 1 ("Invalid Entry") or Error# 12 ("Scanning Error"). This option can be used when it is allowed to take X-report.
4. SYSTEM OPTION 485 ("Activate GDPdU Report"). When set the GDPdU report will be shown in the report menu and can be taken as report 108 as User Report. The report will write the Binary Electronic Journal to a USB stick or SD card on models without USB connection. Note that report# 108 cannot be taken when this option is not set. The report will be written in a file called "E_Journal.csv" in directory called "/gdpdu/yymmdd/X/" for an X report and "/gdpdu/yymmdd/Z/" for a Z report. When the directory already exists it will create an additional directory "X_n" where n starts from '1'. In addition to the file "E_Journal.csv" the system will also write the "index.xml" and "gdpdu-01-09-2004.dtd" files when present. (See "GDPdU.pdf")
5. When SYSTEM OPTION 195 and 197 are set and an item is registered which has condiment selection the menu which was used to select the item is re-opened when all condiments are entered. Note that it will start at the top of the menu.

SOLVED PROBLEMS:

1. When PARAMETER 110 ("Hospitality Day Change") was used the register would report sales made in the day change period in the previous "Date to Date" zone and on the first of the month always in "Day of the Month" zone 31 even when the previous month had less the 31 days.

2. SYSTEM OPTION 482 ("Remove Subtotal Discount") didn't work when OPTION 130 ("Always add stored Balance") was NOT set.
3. When a restore from a USB stick was done the Graphic Printer Logo was not initialized.
4. When an Amount Subtotal Discount was given it was possible to give another amount discount which resulted in a negative total.
5. When a menu was open and another keyboard was selected the menu stayed open.
6. From release QC120906 (QT2/Concerto) there was a problem with the DNS request used to retrieve the address of the FTP server. When a server name instead of a fixed address was used the program crashed when an FTP report was taken.

RELEASE QC121106

NEW FEATURES:

1. When a menu was open and another keyboard was selected the menu stays open again. When you want to be sure the menu is closed you must use a macro with the CLEAR key and Keyboard Level. In this way it can still be used to select another level and open a menu in a macro.

SOLVED PROBLEMS:

1. From release 120420 the SET MENU with PAUSE function was not working anymore. It could cause corruption of the balance invoice when used.
2. From release 120914 when OPTION 338-340 (Balance update at payment) was set the sales totals in the report were updated twice at payment when a normal invoice function was used.

RELEASE QC121207

NEW FEATURES:

1. SYSTEM PARAMETER 154, FTP format Singapore. New FTP formats type 8 and 9 for Singapore (See QMP_FTP.PDF for more information).
2. External Fiscal Printer Routines (PARAMETER 122) for Italy are updated to last version. On the Touch models the default timing can be changed using SYSTEM PARAMETER 112. The default timing is 8000 msec which can be extended by steps of 100 msec. When PARAMETER 122 is set to 10 the timing will be $8000 + (10 * 100) = 9000$ msec.
3. SYSTEM PARAMETER 201, QR-CODE on External Printer. When an external printer is used which supports the printing of 2D codes it is now possible to print a QR-Code on the receipts.
 - When PARAMETER 201 is set to 100 a fixed QR-Code which contains the Receipt Header, Total Amount, Time, Date and Receipt number is printed on the receipt.
 - It also possible to print a special message using the Endorsement Message File. You can program the Endorsement Message# in PARAMETER 201. The text as programmed in the Endorsement Message is stored in the QR-Code.
 - It was tested on a CITIZEN CT-S801 printer but the newer Epson printers should also support the 2D commands
4. SYSTEM OPTION 486, Compulsory Portuguese Invoice. When set the register will always prompt for NAME, ADDRES and VAT# when a transaction is closed with a tendering function.
 - Receipt is always printed when transaction is closed.
 - INVOICE# is printed and increased.
 - OPTION 330 must be NOT SET in combination with OPTION 486.
 - The register will prompt for entering the name, address and VAT#.

- General Message# 85 is used for prompting for the "Name:" and is printed on the receipt.
- General Message# 86 is used for prompting for the "Address:" and is printed on the receipt.
- General Message# 87 is used for prompting for the "VAT#:" and is printed on the receipt.
- The register will automatically prompt for Name (#85), Address (#86) and VAT# (#87) when a transaction is closed by a tendering function. When prompting for the address it will allow you to enter more than one line. When finished or no entry is needed press the ENTER or CLEAR key without entry and it will continue prompting for the VAT#.
- You can skip entry by pressing the CLEAR or ENTER key without entry.
- When no VAT# is entered the register will use 999999990 as VAT# to indicate that no VAT# was entered.
- When OPTION 486 is set TABLE invoices have no own INVOICE number anymore.

SOLVED PROBLEMS:

1. When the register is powered up it is stored in the "Binary" Electronic Journal but was accidentally disabled.
2. When OPTION 444 ("Print Order Counter") was used on narrow printers it could happen that the last digits were missing.
3. The PLU inventory wasn't updated by Orders made using the QORDER Handheld.

RELEASE QC121211

NEW FEATURES:

1. EFT TYPE 104 (Datacap with OOS solution) for the US market now allows manual card entry when PINPAD is connected. See EFT_US_DATACAP.PDF for more details.

RELEASE QC121218

NEW FEATURES:

1. NEW EFT TYPE 73 (NETS DANCARD ICT-220) for Denmark. Same as type 23 for Norway except handling of negative amounts (See also EFT_NOR.PDF).
2. When OPTION 229 (Chinese Character Set) is set and also OPTION 88 (Suppress Text on VFD) is set the register will NOT display Chinese characters in Graphic Mode on the internal customer display.

SOLVED PROBLEMS:

1. When SYSTEM OPTION 150 was set in combination with 338, 339 or 340 (Report Balance at payment) and VAT was used the register would not remove the VAT the report total when a balance was re-activated.
2. When a SUBTOTAL DISCOUNT is already given on a balance the register will now give Error# 23 ("Already Discounted") when you try to make correction to the balance using the Correction Key (OPTION 253).
3. When OPTION 36 ("Invoice cannot be closed by Service") was set and you tried to print a subtotal invoice using an ORDERMAN handheld no error was given and the table remained open. Now Error# 6 will be given when OPTION 36 is set.
4. When a decimal quantity was entered on an article with condiment with price selection and the register printed prices on the KP the wrong price was printed on KP tickets for the condiment.
5. When a Correction was made on a balance the register would not store the Correction Function text in the Electronic Text Journal. Only the items were negative.

RELEASE QC130108

NEW FEATURES:

1. SYSTEM OPTION 487, Repeat Modifier Quantity. When set the register will automatically use the article quantity for the modifier with price which is entered after the article. When set the it will also print the modifier with price on the single KP tickets.
2. SYSTEM OPTION 488, Running Total on Touch Screen. When set the register will display the running total on the touch models.
3. UNIT PRICE on Customer Display. When the option "Print Weight Info" is set for an item or an item is scalable and and option 460 ("Weight Confirmation") is set the register will now display the quantity and unit price on the first line of the operator and customer display.
4. SYSTEM OPTION 489, Running Total on Customer Display. When set the register will display the running total on the bottom line of the internal and/or external 2 line customer display (Parameter 67).
 - Note that this doesn't work with the external AP-701 customer display because it will automatically copy the lines to the right side of the display.
5. SYSTEM OPTION 490, PLU Entry Limit for Weight Check. When set the register will use the PLU Entry Limitation Field (when active in the PLU configuration) instead of PARAMETER 177. In this way you can specify the weight margin by item instead of a general margin.
6. SYSTEM OPTION 491, Weight Error under Manager Control. When Instore Barcode weight check is used (PARAMETER 177 or OPTION 490) and this option is set ERROR# 85 ("Weight difference Error") can only be cleared by a MANAGER (Clerk or MGR key).

SOLVED PROBLEMS:

1. When a separate printer is programmed for QORDER using parameters 143 & 144 and/or 175 & 176 the register will now also initialize the graphic logo for these printers also when no handheld in parameter 101 is activated.
2. Problem "STILL IN TENDER" with EBT/Foodstamp Card Read Error and DATACAP terminal solved.
3. SYSTEM OPTION 183 ("Open Drawer Command to External Printer") was not working for LAN printer #1 (port# 250). It was only working when printer 251 to 255 was used.
4. When Special Actions were used and a SUBTOTAL AMOUNT DISCOUNT was given after an Action was activated the register would multiply the entered amount with the transaction total.

RELEASE QC130109

SOLVED PROBLEMS:

1. Correction for Manual Card entry with EBT/Foodstamp Card Read Error and DATACAP terminal.

RELEASE QC130111

NEW FEATURES:

1. SYSTEM OPTION 492, Invoice# with YYYY. When set the register will add the current year to the printed balance invoice number. For example "INVOICE 123" will become INVOICE 123/2013".

RELEASE QC130204

NEW FEATURES:

1. SYSTEM OPTION 490, PLU Entry Limit for Weight Check. When set the register will use the PLU Entry Limitation Field (when active in the PLU configuration) instead of PARAMETER 177. The margin is now using the normal limitation programming. The value programmed in the entry limitation field is setup as XY, where X is the most significant digit and Y the number of following ZEROES. So a margin of 100 gram is programmed as 12.
2. Like with the normal USER REPORTS the register will now also automatically switch on in the receipt for special reports like the GDPDU report so a conformation receipt is printed.
3. EFT TYPE 73 (NETS DANCARD ICT-220) for Denmark. New "Force Offline Payment" function for Dancard payment with EFT type 73. When you create a TENDERING FUNCTION with OPTION 1.7 and 1.8 SET the register will sent the "Force Offline Purchase" command to the terminal instead of the normal "Purchase" command. Note that it can only be used for purchase so negative amounts will give an error.

SOLVED PROBLEMS:

1. There was a problem with condiment tables with OPTION 1.3 (Stay Down Window) set. It was not possible to close the condiment table by pressing CLEAR. Problem started in release 130108.
2. OPTION 107 ("Update Balance Period at Closing"). When set and a balance was re-activated the balance period was updated twice.

RELEASE QC130308

NEW FEATURES:

1. SYSTEM OPTION 486, Compulsory Portuguese Invoice. When set the register will always prompt for NAME, ADDRES and VAT# when a transaction is closed with a tendering function.
 - When no VAT# is entered the register will now print General Text# 120 (Consumidor Final) instead of "999999990" as VAT# to indicate that no VAT# was entered.
 - SYSTEM PARAMETER 109 can now also be used to specify the FONT for the Invoice Number when OPTION 486 is used. When zero the default font 2 is used.
2. EFT TYPE 73 (NETS DANCARD ICT-220) for Denmark. New "Force Offline Payment" function for Dancard payment with EFT type 73. When you create a TENDERING FUNCTION with OPTION 1.7 and 1.8 SET the register will sent the "Force Offline Purchase" command to the terminal instead of the normal "Purchase" command.
 - It will ask for the Authorization Code when the function is used. The code is maximum 6 alphanumeric characters. When more the 6 characters are entered "Invalid Entry" is given.
 - It is not compulsory the enter a code. Press ENTER without entry if no code available.
 - The function can be aborted by pressing the clear key.
 - GENERAL TEXT# 121 ("Authorization") is displayed when asking for the code.
 - When the QWERTY keyboard (OPTION 289) is not active the entry must be confirmed by pressing the SUBTOTAL key.

SOLVED PROBLEMS:

1. When an amount discount was used and the transaction was canceled the register would report the discount as surcharge instead of removing it when "update item" was set.
2. When PARAMETER 119 ("Touch Button Type") was set to zero the key bitmaps were displayed wrong.
3. The wrong General Text 107 instead of 108 was printed with the lease date in mode 305 TYPE.

RELEASE QC130409

NEW FEATURES:

1. SYSTEM OPTION 486, Compulsory Portuguese Invoice. When set the register will always prompt for NAME, ADDRESS and VAT# when a transaction is closed with a tendering function.
 - The maximum Invoice number has been increased from 9999 to 59999.
 - The Invoice Number can be reset to 1 with a special User Report# 100. When you take this report in Z-mode the Invoice Number is reset to 1.
2. Changes made for the new Dancard terminal (EFT type 73). The "force off line" function and cutting of the paper was not working as expected.
3. SYSTEM OPTION 493, UNIT PRICE on Customer Display. When set and the option "Print Weight Info" is set for an item or an item is scalable and option 460 ("Weight Confirmation") is set the register will now display the quantity and unit price on the first line of the operator and customer display.

Note: From release 130108 this option was always active and couldn't be disabled. It has been changed so it must be activated because it was confusing existing customers.

SOLVED PROBLEMS:

1. When OPTION 476 was used to sort the invoice to department and the invoice was printed on a network printer or a copy was taken it could happen that the wrong department name was printed for departments. This was caused by conversion problem from decimal to hex numbering. The problem starts with number 10 to 15, 26 to 31, 42 to 47 etc.
2. When OPTION 171 ("Report Tax by Tender") was used and a balance was re-activated (OPTION 252 or 244) the tax was not removed and added again at payment.
3. With keyboard type 44 keys and OPTION 488 the subtotal was displayed at the wrong position.

RELEASE QC130415

SOLVED PROBLEMS:

1. Correction made for the new Dancard terminal (EFT type 73). The "force off line" function without entry of authorization code sent wrong information to the terminal.

RELEASE QC130422

NEW FEATURES:

1. SYSTEM OPTION 494, Reset Balance Printed. When set the flag indicating that the invoice for the balance was printed is reset when additional sales or a correction is made, the balance is transferred or items are split. In the table map the color will change back from Red to Blue.
2. SYSTEM OPTION 495, Store Table Open Time. When set the register will store the time (and date) the first sale was made to the Table.
 - The opening time is displayed and printed on the first line of the invoice.
 - GENERAL TEXT# 91, Time In. This text is used for printing and displaying the start time. The format is "TIME IN: 05-06 15:18" (month and day depend on SYSTEM OPTION 77).
3. CLERK OPTION 2.6, Allow Clerk Selection. When set this clerk can select another clerk by entering the clerk (record) number on the CLERK# key when secret codes (DALLAS CLERK lock) are used. Note that it is only allowed to select a NORMAL CLERK. When in the selected clerk OPTION 1-5 (manager) or 1-6 (TRAINING) or 2-6 is set the register will give INVALID ENTRY. It works similar as OPTION 189 but is linked to this clerk only and the clerk has no other additional rights.

4. When EFT TYPE 73 (NETS DANCARD ICT-220) for Denmark is activated the register will print the approved interface version "EFT: QMP Sofie 9.0" with 305 TYPE is done in P-Mode.

SOLVED PROBLEMS:

1. When OPTION 486 was used the register wouldn't store the entered information in the Electronic Text Journal. Only when the "binary" journal was used the entered customer data and invoice# was stored.
2. When OPTION 486 was used the register and a copy of the invoice was taken the copy was also stored in the Electronic Journal.
3. It could happen that the register sent the wrong message text for fixed stored messages (for example as used by option 486) when the "Binary EJ" report# 103 was taken by the computer.

RELEASE QC130425

NEW FEATURES:

1. PARAMETER 129, QWERTY keyboard Layout. A new lay out has been added for Russia.
 - 0 ---> Standard US layout
 - 1 ---> GERMAN layout
 - 2 ---> SPANISH layout
 - 3 ---> SWEDISH layout
 - 4 ---> NORWEGIAN layout
 - 5 ---> CZECH layout (Note that CE font must be installed!)
 - 6 ---> ARABIC layout (Note that ARS font must be installed!)
 - 7 ---> RUSSIAN (Cyrillic) layout (Note that CYR font must be installed!)
2. When PARAMETER 58 (External Character Set) is set to 117 the register will sent the command ESC 't' 17 to the external display and printers to select the Cyrillic Character set PC866. It will convert from the internal 1251 character set to the external character set PC866.

RELEASE QC130429

NEW FEATURES:

1. New Price Level Function OPTION 1-6, Shift Tax# 1 to Tax# 3. When this option is set all items with tax #1 are shifted to tax# 3. In combination with OPTION 1-7 (Tax Shift Transaction) this function can be used to shift tax# 1 to tax# 3 in the complete transaction when pressed before closing the transaction.

RELEASE QC130508

NEW FEATURES:

1. SYSTEM OPTION 227 ("Print Inverse on Thermal KP") now also works for printer type 26.
2. SYSTEM OPTION 496, Price Level# 1 Default. When set and price levels are used the register will use Price Level# 1 as default price when the price for the selected level is ZERO. In this way only the articles which have another price for a level need to be programmed and you don't need to program the same price.
3. SYSTEM OPTION 497, Compulsory Peruvian Invoice. When set the register will always prompt for VAT#, NAME and ADDRES when a transaction is closed with a tendering function.
 - Receipt is always printed when transaction is closed.

- OPTION 330 & OPTION 486 must be NOT SET in combination with OPTION 497.
- When OPTION 497 is set TABLE invoices have no own INVOICE number anymore.
- General Message# 85 is used for prompting for the "Name:" and is printed on the receipt.
- General Message# 86 is used for prompting for the "Address:" and is printed on the receipt.
- General Message# 87 is used for prompting for the "VAT#:" and is printed on the receipt.

NO INVOICE

- When no invoice is required press the CLEAR key and the register will print a normal receipt.

VAT INVOICE.

- When invoice is required enter the 11 digit VAT#. The register will check for 11 digit entry. (If not it gives Invalid Entry).
- The register will automatically prompt for Name (#85) and Address(#86) when the VAT# is entered.
- The NAME MUST be entered to continue.
- Address is optional. When prompting for the address it will allow you to enter more than one line. When finished or no entry is needed press the ENTER or CLEAR key without entry.
- INVOICE# is printed and increased.

SOLVED PROBLEMS:

1. The changes made for SYSTEM OPTION 495 ("Store Table Open Time") caused a problem when splitting items from a table to another empty table. It was only possible to split items to another table when it was already opened.

RELEASE QC130527

NEW FEATURES:

1. New EFT TYPE 112 for Australia. See EFT_AUS.PDF for more details.
2. PARAMETER 129, QWERTY keyboard Layout. A new lay out has been added for Slovenia.
 - 0 ---> Standard US layout
 - 1 ---> GERMAN layout
 - 2 ---> SPANISH layout
 - 3 ---> SWEDISH layout
 - 4 ---> NORWEGIAN layout
 - 5 ---> CZECH layout (Note that CE font must be installed!)
 - 6 ---> ARABIC layout (Note that ARS font must be installed!)
 - 7 ---> RUSSIAN (Cyrillic) layout (Note that CYR font must be installed!)
 - 8 ---> SLOVENIAN layout (Note that CE font must be installed!)

RELEASE QC130614

NEW FEATURES:

1. When used in combination with QOrder which has QH130614 or newer installed the trainings clerk reports are now updated when sales are made using QOrder.

2. SYSTEM OPTION 498, Show VAT on Display. When set and in the VAT function(s) the Multi-Line option is also set the VAT will be displayed on the Screen at payment.
3. New type of TIME MENU calculation. MENU#+200 which will calculate using the unit until the remaining is smaller and then continue with the next link.

Examples:

MENU FUNCTION #1 programmed as:

time 1: 60 minutes -> PLU 1 (6,00)

time 2 : 1 minutes -> PLU 2 (0,10)

Example1: MENU LINK programmed as 201 in PARAMETER 138 or BALANCE will result in a total of 2:20 when 140 minutes have passed $((2 \times 6,00) + (20 \times 0,10))$.

Calculation and Printing:

2 PLU 1 12,00

20 PLU2 2,00

Example2: MENU LINK programmed as 1 in PARAMETER 138 or BALANCE will result in a total of 2:20 when 140 minutes have passed $((2 \times 6,00) + (20 \times 0,10))$.

Calculation and Printing:

1 PLU 1 6,00

80 PLU2 8,00

Example3: MENU LINK programmed as 201 in PARAMETER 138 or BALANCE will result in a total of 0:40 when 40 minutes have passed $((0 \times 6,00) + (40 \times 0,10))$.

Calculation and Printing:

40 PLU2 4,00

Example4: MENU LINK programmed as 1 in PARAMETER 138 or BALANCE will result in a total of 0:40 when 40 minutes have passed $((1 \times 6,00) + (0 \times 0,10))$.

Calculation and Printing:

1 PLU1 6,00

SOLVED PROBLEMS:

1. The changes for QOrder (QC120329) caused a problem when taking a network report using a computer connected via RS-232. When the network report was requested from the register to which the computer was connected it caused an communication error. When the network report was requested from another register in the network not direct connected to the computer there was no problem.
2. When OPTION 412 ("Master has Balances") was set and a new balance was opened and closed without making sales the balance was marked as open.

RELEASE QC130716

NEW FEATURES:

1. SYSTEM OPTION 499, "Use SD Card Path". When set the register will use GENERAL TEXT# 122 as path for storing data on the external SD card or Quorilog device using mode 128 or when taking the GDPDU report. This can be used when the register is used for different customers and or applications. Note you only need to specify the name. For example when set to "quorion" the register will create the main directory "quorion" and the other directories are created as sub directories.

SOLVED PROBLEMS:

1. FTP report type 4 only sent 25 totals instead of 48 when the previous day had a transmission problem.
2. SYSTEM OPTION 498, Show VAT on Display. Was not working when the SUBTOTAL key was pressed before.

3. When Arabic Conversion OPTION 260 was active and single tickets on KP was programmed Arabic text on the extra tickets was wrong.
4. SYSTEM OPTION 460 ("Weight Confirmation") was not working with scales which only allow one weight request and will not respond to a new request until the weight has been changed or removed.
5. When OPTION 412 ("Master has Balances") was set and the Balance Time Function was used the balance was not activated when opened on another register then the master. This also happened when used in combination with QOrder.
6. When OPTION 402 ("Alpha Sorting Always Active") was set and also OPTION 194 was set it could happen that not all items were shown in the window.
7. When OPTION 412 ("Master has Balances") was set and covers were used on balances and the covers were also printed on the KP tickets (SYSTEM OPTION 315) they were not printed on the first KP ticket when the balance and cover entry was done on another register then the master. This also happened when used in combination with QOrder.

RELEASE QC130725

NEW FEATURES:

1. SYSTEM OPTION 500, Report Balance Deposit. When set and the balance is updated at payment (System Option 338, 339 & 340) the Balance Deposit functions (PORA function with option 1.7 set) will still update at entry and not at payment.
2. SYSTEM OPTION 501, Confirm Weight with ZERO Entry. When set and an article is scalable it is also possible to check and confirm the weight when OPTION 460 is NOT SET. You can do that by entering a ZERO quantity before selecting the article. The register will then start the Weight Confirmation Mode only for this entry. Also see OPTION 460. Also note OPTION 38 for entering quantities.
3. SYSTEM OPTION 502, Report Own Use Level. When set it is possible to report specific Price Levels which have OPTION 2.2 set in the "Surcharge" and "Tax" field of the sales reports. This can be used to report for example own use in the PLU report.
 - ⇧ Activate the "Surcharge" and/or "Tax" field in the PLU, DEPT, GROUP and/or TOTAL SALES report construction.
 - ⇧ The "Surcharge" field is used as quantity total. Note that quantities with a decimal point are always added as ONE.
 - ⇧ The "Tax" field is used as amount total.
 - ⇧ Set OPTION 2.2 in the Price Level Function which need to update the extra fields.
 - ⇧ General Text# 7 and 8 can be changed to for example "Own Qty" and "Own Amt" for the report.
 - ⇧ Note that "Surcharges" cannot be reported separately in the sales reports anymore when this option used.
 - ⇧ Note that the OPTION only works for PLU's. When an amount is directly entered on a department the fields are not updated. So you must use OPEN PLU for amount entry.
4. SYSTEM PARAMETER 204, Table# for Printer Redirect. In this parameter you can program the Table# from which the system will redirect the receipt printer to the printer programmed in SYSTEM PARAMETER 175 & 176. For example when you program a value of 10 the system will redirect the receipt printer for Table# 11 and up to the printer as programmed in SYSTEM PARAMETER 175 & 176.
5. SPECIAL ITEMIZER function OPTION 2.4. When set and the Special Itemizer is used for giving automatic discount the value programmed in the RATE field is used as a fixed amount discount instead of a percentage.
 - ⇧ The discount is only given ONCE when the itemizer is activated.
 - ⇧ You can use the Exempt Field to set an Exempt Value to trigger the discount.

6. MACRO function OPTION 2.3. When set this MACRO will display the STANDARD PERIOD 1 TOTAL SALES on the OPERATOR display.

SOLVED PROBLEMS:

1. When using the System Options (338, 339 & 340) to update the report at balance payment the Balance Deposit function (PORA function with option 1.7 set) updated the report with the incorrect sign.
2. When Special Itemizer was used for Automatic discount it was not printed on network printers. This problem started with release 120518.

RELEASE QC130816

NEW FEATURES:

1. SYSTEM OPTION 502, Report Own Use Level. GENERAL TEXT# 123 is now used for printing the "Own Amt" because General Text# 8 was used in Tax Report.
2. SYSTEM OPTION 503, Skip Empty Menu Lines. When set and OPTION 402 ("Alpha Sort Always Active") is NOT SET then empty lines in Menu Windows are not shown. This can be used to suppress functions, articles or departments not used by programming an EMPTY text line. When they need to show up as empty line you must put spaces in the text line. Note that the PAGE UP key will always go to the start of the menu same as when OPTION 402 is set.
3. SYSTEM OPTION 504, All Clerk can Order on Table. When set and OPTION 34 ("Balance is Fixed to Clerk") is also set any clerk can order on the balance of another clerk.
 - ⇧ Clerks can place orders on the balance of another clerk.
 - ⇧ Clerks cannot Print, Split, Correct or Transfer the balance of another clerk except for Manager Clerks.
 - ⇧ The orders placed by other clerks are reported in the report of the clerk who started the balance.
4. SYSTEM OPTION 505, Send Transaction to FTP2 Server. When set the register will send a copy of the transaction to the FTP2 server.
 - ⇧ Only Transactions which are closed by a tender function are sent.
 - ⇧ The format is the same as for Electronic Journal Report 103.
 - ⇧ The transaction is stored in a file with the name as programmed in GENERAL MESSAGE# 127 and the date and time are automatically added to the file name.
 - ⇧ The server address, user name, password and ftp file name are programmed in GENERAL MESSAGE# 124, 125, 126 and 127. See QMP_FTP.PDF for more information.
5. SYSTEM OPTION 506, Australian NMI Weight Info. When set the Weight Information which is printed and displayed when OPTION 1.6 is set for an article and/or department is in the format as required by the Australian NMI. When set It will change the following print and display formats:
 - ⇧ The weight information line is printed after the article instead of before.
 - ⇧ OPTION 506 will also automatically activate the functions from OPTION 493.
 - ⇧ When OPTION 223 is set the price info line is also printed after the article.
 - ⇧ OPTION 167 is used for the multiply symbol.
 - ⇧ The currency prefix is also shown with amounts on the display when used.
 - ⇧ The decimal point position in the weight is NOT fixed to 3 decimals and depends on the weight entry or weight received from the scale.
 - ⇧ The weight information line contains the unit and unit price.

Example print:

Vegetables \$2,25

0,450kg X \$5,00/kg

⬆ When manual entry is done on an article which is scalable OPTION 1.5 set it will be marked with a “#” symbol before the text. In the receipt trailer there can be a explanation.

⬆ For example: “# Weight quantity manually entered”

Example print manual entry:

#Fruit \$2,25

0,450kg X \$5,00/kg

⬆ The printout for Scale Type 11 is slightly different because it has the format as required for the EC approval.

6. When OPTION 264 “Official Receipt Message” is set the register will suppress the receipt number on PO, RA and negative receipts.

SOLVED PROBLEMS:

1. When OPTION 449 was used and balances were not updated at payment the register would report in the Clerk who entered the order on an already opened table instead of reporting it on the clerk who started the table.
2. When using the Seat Number System with OPION 329 SET and a SPLIT invoice was made using the Table Split function the register would deduct the split amount twice from the table balance. Splitting to another seat or table didn't give any problems.
3. New Price key can now also be used in combination with Macro's.

RELEASE QC130912

NEW FEATURES:

1. PARAMETER 92, Type Electronic Scale. New SCALE TYPE 17 for the “CAS 30KG SCALE”. This scale only displays 2 decimals on its own display but sends the weight with 3 decimals. When set to type 17 the register will also only use 2 decimals.
2. SYSTEM OPTION 506, Australian NMI Weight Info.

⬆ When Compulsory Tare selection is used for an article the register will print 'N' on the Weight Information Line.

Example:

Vegetables \$2,25

0,450kg N X \$5,00/kg

⬆ When tare is used the register will not change/round the number decimals of the weight.

SOLVED PROBLEMS:

1. When Special Itemizers were used for automatic discount it could cause a problem in the GDPDU report when also Clerk Sign On/Off was used. A Sign On/Off function could generate a record in the GDPDU report with a strange discount amount.

RELEASE QC130920

NEW FEATURES:

1. BINARY EJ. When a “binary” Electronic Journal is stored in the register it is now possible to read the EJ X-Report 101 by receipt number using QDriver. Note that EJ X_report 103 was already possible. See QDRIVER.PDF for details on the report command with start and end number.
Example: COMMAND=RUx101001001;4;8 will read receipt 4, 5, 6 & 7.
2. SCALE TYPE 12 for the Magellan model 8100/8300 Scale/Scanner. The protocol is changed so it now also supports scales with a capacity of more then 9.995kg.

SOLVED PROBLEMS:

1. OPTION 417 (“Suppress Time On Invoice”). When a report was taken after directly after an invoice was printed the time was also suppressed on the report.
2. When the PROFORMA key was pressed but no transaction was started on the register orders made by QORDER were not updated in the report.
3. OPTION 337 (“Prefix Only with Tender”). When set the prefix was always printed on the receipt when printed at payment.
4. When Foodstamp are used the Subtotal was displayed with the wrong sign when a “Transaction Refund” was done.

RELEASE QC130923

SOLVED PROBLEMS:

1. Display problems when OPTION 260 and 321 were both set. The alignment of the YES/NO button was wrong when Arabic Texts were used and also the scancode or delivery number was displayed wrong in the window when used.

RELEASE QC130927

SOLVED PROBLEMS:

1. Problems when OPTION 260 for Arabic conversion is set. The following texts were not converted:
 - ⤴ Table number and Table balance in operator display
 - ⤴ KP name on KP ticket
 - ⤴ Delivery or Pickup on KP ticket

RELEASE QC131104

NEW FEATURES:

1. Automatic Service Charge calculation in combination with Senior Citizen Discount for the Philippines has been changed. Also see the file SENIOR_CITIZEN_DISCOUNT.PDF.
2. OPTION 301 (“Plu Caption#2 used for Report) When set the register will add PLU Caption# 2 to the PLU Caption# 1 on the computer report. It will now add the complete name. It used to limit it to max 25 characters. The second caption is added with a semicolon. Example: “Name 1;Name2”. Note that in that case caption 2 will not be printed at the kitchen printer.
3. Changes made for EFT type 58 for the Dutch Market so it will support the VIC 1.06 protocol which is used by the Yomani Terminal.
4. When OPTION 264 “Official Receipt Message” is set the register will suppress the receipt number when a Transaction Refund is done.
5. SYSTEM OPTION 508, Spanish Invoice Counter. When set the register will print an Invoice Number on all receipts which are closed with a Tender Function.
 - ⤴ When OPTION 508 is set TABLE invoices have no own INVOICE number anymore.

- ⬆ The Invoice Number is in the range of 1 to 999999 and starts at 1 again when end is reached.
- ⬆ SYSTEM PARAMETER 109 can now also be used to specify the FONT for the Invoice Number when OPTION 486 is used. When zero the default font 1 is used.
- ⬆ When VAT#, name is required it can be combined with OPTION 486 or 497.

SOLVED PROBLEMS:

1. When OPTION 195 & 197 and PARAMETER 162 were active it happened that when no price was entered on an open department the department key didn't accept entry until CLEAR was pressed.

RELEASE QC131113

NEW FEATURES:

1. CLERK Sign ON/OFF and Drawer Open functions which also increment the receipt number are now also reported in the GDPDU report. So there are no gaps in the receipt numbers.
2. New EFT TYPE 131 for South Africa. See EFT_SA.PDF for more details.

SOLVED PROBLEMS:

1. The change made in release 130920 for reading the Electronic Journal by receipt number caused that the Electronic Journal was not reset when taken as a GDPDU report in Z-mode.
2. When PARAMETER 161 was used to select a different keyboard at power on and bitmaps were used on the keyboard it would always display the bitmaps of keyboard level# 1.

RELEASE QC140204

NEW FEATURES:

1. New OPTION "Own Use Totals" in USER Report. When in the USER REPORT LIST OPTION# 7 is set and also SYSTEM OPTION 502 ("Report Own Use Level") is set and the list is a Total Sales, Group, Department or PLU report the register will only print the totals when the surcharge and/or tax field are used. In this way it is possible to create a special "Own Use" report which reports only the totals which were used for "Own Use". Note that this option automatically activates USER REPORT LIST OPTION# 2 ("No Reset"). If you want to reset the totals you must take a normal report which resets all totals.
2. EFT Samport Terminal with License Code activated. See EFT_ACTIVATION.PDF for more information.
3. SYSTEM OPTION 509, Graphic Logo on KP7. When set the register will print the graphic logo on the KP7 (Kitchen Printer# 7) printer when the KP7 and RECEIPT printer are the same physical printer. This can be used to print a graphic logo on KP tickets for example when used for entrance tickets.
4. SYSTEM OPTION 510, Graphic Logo on KP8. When set the register will print the graphic logo on the KP8 (Kitchen Printer# 8) printer when the KP8 and RECEIPT printer are the same physical printer. This can be used to print a graphic logo KP tickets for example when used for entrance tickets.

SOLVED PROBLEMS:

1. When Balance Re-Activation was used and SYSTEM OPTION 220 was set the register wouldn't store the Balance Re-Activation in the Electronic Journal unless articles were added to the the balance before it was closed. Because of this the re-activation was also not stored in the GDPDU report.

2. It was not possible to empty the complete Balance Text when programming the text using the cash register keyboard. The register would always put spaces in the empty line. Now you can empty the line by entering '0' CR or by entering 00 HEX CR and the line will not be printed. Note that all lines after the empty line are also not printed.
3. The Detailed Computer Balance Report problem when Option 146, 147 or 148 was set and the same item was registered in next transaction on the balance. The register wouldn't send the line with same item to the computer. This only happened when balances were not consolidated.
4. When Balances are reported at payment (SYSTEM OPTION 338, 339 or 340) and the HOLD function was used when ordering on a balance the system would report TAX and items when registered after the balance transaction was recalled. This could cause double totals in the reports.
5. When clerk interrupt buffers were used and the clerk was selected using the keyboard and OPTION 92 or 112 was set the register would open the table# equal to the clerk# when a table was open in the current transaction.
6. When it was allowed to change the clerk inside a transaction (OPTION 5) and a clerk was linked to open a table map the map was also opened when a transaction was already started.

RELEASE QC140303

NEW FEATURES:

1. Returns Keyboard Type with QPROG command "CV". See 'Q_Hardware.Txt' for returned types. Only used by Qprog.

SOLVED PROBLEMS:

1. It was not possible to use multiplication on a tender function when a table was paid and the Seat System (PARAMETER 111) was active. When you entered 5 x 200 the register would use 200 and not 1000 as entry.
2. When an Electronic TEXT Journal was active in the register it could happen that it was not reset when taken in Z-mode by computer or when stored to USB stick or SD card in Z-mode.
3. When a SUBTOTAL discount was used and after the subtotal discount a special action was triggered by entering more articles the register would not update the discount in the article and tax report.
4. When Balance Re-Activation was used the register would only show the first menu screen when the key was pressed without entry and no table maps were used.

RELEASE QC140327

NEW FEATURES:

1. SYSTEM PARAMETER 206, KP1 Print Barcode. In this parameter you can program the type of barcode which can be printed on the Kitchen Printer#1 tickets. This can be used to print for example a barcode on an entry ticket. The value programmed is "PPT" where:
 - PP = Row Position in units of 50 dots on BOCA printer type 20 or 25. Not used for other printer types. See below for information on BOCA printers.
 - T = 1, EAN 13 barcode with format: 2RBBB#####TC.

T = 2, ITF 20 Digit barcode with format: 2RBBB#####T0AAAAAAC.

R = Lower digit of Register number as programmed in PARAMETER#53.

BBB = Lower 3 digits of balance number (table, room or account). With direct sale fixed to 000.

= 6 digit Receipt Number.

T = When OPTION 225 is set the lower digit of the running KP ticket number. When not set fixed to 0.

AAAAAA = Lower 6 digits of the article number when an article is printed on a single KP ticket else fixed to 000000.

C = Check Digit. When T = 1 then EAN Check Digit and when T = 2 then Modulo 10 with Weight 1313131313131313131.

- Only on KP1 a barcode can be printed.
- On a standard EPSON compatible printer the barcode is printed at the bottom of the KP ticket.
- On a BOCA printer (type 20 or 25) the position of the barcode must be specified else it is printed at the start of the ticket. In PARAMETER 206 also the row position can be specified. The column position is fixed to 70 and when the row is not specified the barcode is printed at position 0, 70. The row position is specified in units of 50 dots.

Example: 102 will print a ITF 20 barcode at position 500,70

Boca Command used for EAN codes:

<RC500,70><X2><EP9><BI>2100200000515

Boca Command used for ITF codes:

<RC500,70><X2><FP9><BI>:21000000003100000018:

Note: Don't forget to program the ticket width in PARAMETER# 148 when a BOCA printer is used else no ticket is printed.

Example#1 EAN13:

2100200000515 = Register# 1, Table# 2, Receipt# 5, Running# 1

Example#1 ITF 20:

21000000003100000018 = Register# 1, Direct Sale, Receipt# 3, Running# 1, Article# 1

SOLVED PROBLEMS:

1. When OPTION 449 ("Update Report at Tender") was set and an item discount was corrected and another item discount was given the second discount wasn't updated in the sales reports.
2. When OPTION 449 ("Update Report at Tender") was set and an item discount was given on a Menu the discount wasn't updated in the sales reports.

RELEASE QC140410

NEW FEATURES:

1. New EFT terminal type 35 based on Swedish Samport terminal but with Finnish Texts and EURO currency for Finland. The EFT Samport Terminal requires a License Code else it will only accept amounts of 0.01. See EFT_FIN3.PDF and EFT_ACTIVATION.PDF for more information.
2. SYSTEM PARAMETER 206, KP1 Print Barcode. New Type added to available barcodes. The value programmed is "PPT" where:
 - PP = Row Position in units of 50 dots on BOCA printer type 20 or 25. Not used for other printer types. See below for information on BOCA printers.
 - T = 1, EAN 13 barcode with format: 2RBBB#####TC.
 - T = 2, ITF 20 Digit barcode with format: 2RBBB#####T0AAAAAAC.
 - T = 3, ITF 20 Digit barcode with format: 2RBBB#####TTTT0AAAC.

RELEASE QC140722

NEW FEATURES:

1. Changes made for Philippines Senior Discount system. See "Senior_Citizen_Discount_140722.pdf" for more details.

SOLVED PROBLEMS:

1. When OPTION 221 was set and a MANAGER clerk selected the MG position using the X or MODE key it was changed back to RG mode when the original clerk was re-selected. This caused that the function could not be used by the original clerk. Only the manager could use the function which caused that it was always reported in the manager. Note that OPTION 5 must also be set and that OPTION 152 must NOT be set. Also don't forget to re-select RG mode when finished.

Example:

Sales entry of Refund or changed item

- 1.) RG mode
 - 2) Sign-on as clerk only
 - 3.) Enter the products as replacement
 - 4.) Sign-on as Manager
 - 5.) Press [X] key or [MODE] to select "MG" mode
 - 6.) Sign-on as clerk only
 - 7.) Press [Refund] key
 - 8.) Enter the product to be return or refund
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2. When OPTION 480 is set and a balance was closed using an invoice function which doesn't print on the Receipt Printer it was still marked as printed.
 3. Entry on function#4 in a MACRO was not working. Only entry on function 1,2,3,5,6 or 7 was working.
 4. When OPTION 358 and OPTION 29 were set in combination with Print Price Level Text the price level text is reset after the first PLU with condiment selection when I entered more PLU.