

Device group B - methods documentation
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(SDK ver. 1.0.0.9)

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Chapter 1

Class Documentation

1.1 FiscalPrinterSDK.FDGROUP_B_BGR Class Reference

Fiscal Devices Group "B" - Bulgaria

Public Member Functions

- bool [Get_SBit_State](#) (int byteIndex, int bitIndex)
Get status bit state
- bool [Get_SBit_ErrorChecking](#) (int byteIndex, int bitIndex)
Get if desired bit is an error
- void [display_Clear](#) ()
Clear display
- void [display_Show_LowerLine](#) (string textData)
Show text on lower line of the external display
- void [display_Show_UpperLine](#) (string textData)
Show text on upper line of the external display
- void [display_Show_DateTime](#) ()
Show date and time
- void [display_Show_Text](#) ()
Show text on the external display
- Dictionary< string, string > [receipt_NonFiscal_Open](#) ()
Open non-fiscal receipt
- Dictionary< string, string > [receipt_NonFiscal_Close](#) ()
Close non-fiscal receipt
- void [receipt_NonFiscal_Text](#) (string inputText)
Print free non-fiscal text
- void [receipt_PNonFiscal_Text](#) (string height, string inputText)
Print free non-fiscal text
- void [open_StornoReceipt](#) (string operatorNumber, string operatorPassword, string stornoUNP, string tillNumber, string stornoType, string stornoDocumentNumber, string stornoDateTime, string stornoFMNumber, string invoice, string invoiceNumber, string stornoReason)
Open storno receipt
- Dictionary< string, string > [receipt_StornoOpen_B01](#) (string operatorNumber, string operatorPassword, string tillNumber, string stornoType, string stornoDocumentNumber, string stornoDateTime, string stornoFMNumber)

Open storno receipt

- Dictionary< string, string > [receipt_StornoOpen_B02](#) (string operatorNumber, string operatorPassword, string stornoUNP, string tillNumber, string stornoType, string stornoDocumentNumber, string stornoDate↵Time, string stornoFMNumber)

Open storno receipt

- Dictionary< string, string > [receipt_StornoOpen_B03](#) (string operatorNumber, string operatorPassword, string tillNumber, string stornoType, string stornoDocumentNumber, string stornoDateTime, string stornoF↵MNumber, string invoice, string invoiceNumber)

Open storno receipt

- Dictionary< string, string > [receipt_StornoOpen_B04](#) (string operatorNumber, string operatorPassword, string tillNumber, string stornoType, string stornoDocumentNumber, string stornoDateTime, string stornoF↵MNumber, string invoice, string invoiceNumber, string stornoReason)

Open storno receipt

- Dictionary< string, string > [receipt_StornoOpen_B05](#) (string operatorNumber, string operatorPassword, string stornoUNP, string tillNumber, string stornoType, string stornoDocumentNumber, string stornoDate↵Time, string stornoFMNumber, string invoice, string invoiceNumber)

Open storno receipt

- Dictionary< string, string > [receipt_StornoOpen_B06](#) (string operatorNumber, string operatorPassword, string stornoUNP, string tillNumber, string stornoType, string stornoDocumentNumber, string stornoDate↵Time, string stornoFMNumber, string invoice, string invoiceNumber, string stornoReason)

Open storno receipt

- Dictionary< string, string > [receipt_FiscalOpen_B01](#) (string operatorNumber, string operatorPassword, string tillNumber)

Open fiscal receipt

- Dictionary< string, string > [receipt_FiscalOpen_B03](#) (string operatorNumber, string operatorPassword, string uNP, string tillNumber)

Open fiscal receipt with UNP

- Dictionary< string, string > [receipt_Fiscal_Open](#) (string operatorNumber, string operatorPassword, string uNP, string tillNumber)

Open fiscal receipt with UNP

- Dictionary< string, string > [receipt_Fiscal_Close](#) ()

Close fiscal receipt

- Dictionary< string, string > [receipt_FiscalOpen_B02](#) (string operatorNumber, string operatorPassword, string tillNumber, string invoice)

Open Invoice

- Dictionary< string, string > [receipt_FiscalOpen_B04](#) (string operatorNumber, string operatorPassword, string uNP, string tillNumber, string invoice)

Open invoice with UNP

- Dictionary< string, string > [receipt_Invoice_Open](#) (string operatorNumber, string operatorPassword, string uNP, string tillNumber, string invoice)

Open invoice with UNP

- void [receipt_PrintClientInfo_08](#) (string elK, string elKType)

Enter and print basic invoice data

- void [receipt_PrintClientInfo_09](#) (string elK, string elKType, string sellerName)

Enter and print invoice data with seller name

- void [receipt_PrintClientInfo_10](#) (string elK, string elKType, string sellerName, string receiverName)

Enter and print invoice data with seller and receiver

- void [receipt_PrintClientInfo_11](#) (string elK, string elKType, string sellerName, string receiverName, string clientName)

Enter and print invoice data with seller, receiver and client

- void [receipt_PrintClientInfo_12](#) (string elK, string elKType, string sellerName, string receiverName, string clientName, string taxNo)

Enter and print invoice data with seller, receiver, client and tax number

- void [receipt_PrintClientInfo_13](#) (string elK, string elKType, string sellerName, string receiverName, string clientName, string taxNo, string address1)
Enter and print invoice data with seller, receiver, client, tax number and address
- void [receipt_PrintClientInfo_14](#) (string elK, string elKType, string sellerName, string receiverName, string clientName, string taxNo, string address1, string address2)
Enter and print invoice data with seller, receiver, client, tax number and address
- void [receipt_Sale](#) (string textRow1, string textRow2, string taxGroup, string singlePrice, string quantity)
Registration of sale
- void [receipt_Sale_TextRow1](#) (string textRow1, string taxGroup, string singlePrice, string quantity)
Registration of a sale
- void [receipt_Sale_TextRow2](#) (string textRow2, string taxGroup, string singlePrice, string quantity)
Registration of a sale
- void [receipt_Sale_Minimum](#) (string taxGroup, string singlePrice)
Registration of a sale
- void [receipt_Sale_CByPercent](#) (string textRow1, string textRow2, string taxGroup, string singlePrice, string quantity, string percent)
Registration of a sale
- void [receipt_Sale_TextRow1CByPercent](#) (string textRow1, string taxGroup, string singlePrice, string quantity, string percent)
Registration of a sale
- void [receipt_Sale_TextRow2CByPercent](#) (string textRow2, string taxGroup, string singlePrice, string quantity, string percent)
Registration of a sale
- void [receipt_Sale_CByPercentWText](#) (string taxGroup, string singlePrice, string percent)
Registration of a sale
- void [receipt_Sale_CBySum](#) (string textRow1, string textRow2, string taxGroup, string singlePrice, string quantity, string abs)
Registration of a sale
- void [receipt_Sale_TextRow1CBySum](#) (string textRow1, string taxGroup, string singlePrice, string quantity, string abs)
Registration of a sale with sum discount/surcharge
- void [receipt_Sale_TextRow2CBySum](#) (string textRow2, string taxGroup, string singlePrice, string quantity, string abs)
Registration of a sale with sum discount/surcharge
- void [receipt_Sale_CBySumWText](#) (string taxGroup, string singlePrice, string quantity, string abs)
Registration of a sale with sum discount/surcharge
- void [receipt_DSale](#) (string textRow1, string textRow2, string department, string singlePrice, string quantity)
Registration of a sale with department
- void [receipt_DSale_TextRow1](#) (string textRow1, string department, string singlePrice, string quantity)
Registration of a sale with department
- void [receipt_DSale_TextRow2](#) (string textRow2, string department, string singlePrice, string quantity)
Registration of a sale with department
- void [receipt_DSale_Minimum](#) (string department, string singlePrice)
Registration of a sale with department minimum
- void [receipt_DSale_CByPercent](#) (string textRow1, string textRow2, string department, string singlePrice, string quantity, string percent)
Registration of a sale with department and discount/surcharge by percent
- void [receipt_DSale_TextRow1CByPercent](#) (string textRow1, string department, string singlePrice, string quantity, string percent)
Registration of a sale with department and discount/surcharge by percent
- void [receipt_DSale_TextRow2CByPercent](#) (string textRow2, string department, string singlePrice, string quantity, string percent)

Registration of a sale with department and discount/surcharge by percent

- void `receipt_DSale_CByPercentWText` (string department, string singlePrice, string quantity, string percent)

Registration of a sale with department and discount/surcharge by percent

- void `receipt_DSale_CBySum` (string textRow1, string textRow2, string department, string singlePrice, string quantity, string abs)

Registration of a sale with department and discount/surcharge by sum

- void `receipt_DSale_TextRow1CBySum` (string textRow1, string department, string singlePrice, string quantity, string abs)

Registration of a sale with department and discount/surcharge by sum

- void `receipt_DSale_TextRow2CBySum` (string textRow2, string department, string singlePrice, string quantity, string abs)

Registration of a sale with department and discount/surcharge by sum

- void `receipt_DSale_CBySumWText` (string department, string singlePrice, string quantity, string abs)

Registration of a sale with department and discount/surcharge by sum

- void `receipt_DisplaySale` (string textRow, string taxGroup, string singlePrice, string quantity)

Registration of a sale and display

- void `receipt_DisplaySale_CByPercent` (string textRow, string taxGroup, string singlePrice, string quantity, string percent)

Registration of a sale and display with percent

- void `receipt_DisplaySale_CBySum` (string textRow, string taxGroup, string singlePrice, string quantity, string abs)

Registration of a sale and display with sum

- void `receipt_DisplaySale_Minimum` (string textRow, string taxGroup, string singlePrice)

Registration of a sale and display

- void `receipt_DisplayDSale` (string textRow, string department, string singlePrice, string quantity)

Registration of a sale and display

- void `receipt_DisplayDSale_CByPercent` (string textRow, string department, string singlePrice, string quantity, string percent)

Registration of a sale and display by department and discount/surcharge by percent

- void `receipt_DisplayDSale_CBySum` (string textRow, string department, string singlePrice, string quantity, string abs)

Registration of a sale and display by department and discount/surcharge by percent

- void `receipt_DisplayDSale_Minimum` (string textRow, string department, string singlePrice)

Registration of a sale and display by department

- void `receipt_PLU_Sale` (string targetPLU, string quantity)

Registering the sale of a programmed item

- void `receipt_PLUSale_CByPercent` (string targetPLU, string quantity, string percent)

Registering the sale of a programmed item with discount/surcharge in percents

- void `receipt_PLUSale_CBySum` (string targetPLU, string quantity, string abs)

Registering the sale of a programmed item with discount/surcharge in sum

- void `receipt_PLUDep_Sale` (string targetPLU, string department, string quantity)

Registering the sale of a programmed item

- void `receipt_PLUDep_Sale_CByPercent` (string targetPLU, string department, string quantity, string percent)

Registering the sale of a programmed item

- void `receipt_PLUDep_Sale_CBySum` (string targetPLU, string department, string quantity, string abs)

Registering the sale of a programmed item with discount/surcharge by sum

- void `receipt_DisplayPLUSale` (string dChar, string targetPLU, string quantity)

Registering the sale of a programmed item

- void `receipt_DisplayPLUSale_CByPercent` (string dChar, string targetPLU, string quantity, string percent)

Registering the sale of a programmed item with discount/surcharge by percents.

- void `receipt_DisplayPLUSale_CBySum` (string dChar, string targetPLU, string quantity, string abs)

Registering the sale of a programmed item with discount/surcharge by sum.

- void [receipt_DisplayDepPLU_Sale](#) (string dChar, string targetPLU, string department, string quantity)
Registering the sale of a programmed item
- void [receipt_DisplayDepPLU_Sale_CByPercent](#) (string dChar, string targetPLU, string department, string quantity, string percent)
Registering the sale of a programmed item
- void [receipt_DisplayDepPLU_Sale_CBySum](#) (string dChar, string targetPLU, string department, string quantity, string abs)
Registering the sale of a programmed item
- Dictionary< string, string > [receipt_Subtotal](#) (string toPrint, string toDisplay)
Subtotal
- Dictionary< string, string > [receipt_Subtotal_CByPercent](#) (string toPrint, string toDisplay, string percent)
Subtotal with discount/surcharge by percentage
- Dictionary< string, string > [receipt_Subtotal_CBySum](#) (string toPrint, string toDisplay, string abs)
Subtotal with discount/surcharge by sum
- Dictionary< string, string > [receipt_Total_PAmount](#) (string textRow1, string textRow2, string paidMode, string inputAmount)
Total
- Dictionary< string, string > [receipt_Total_PAmountTextRow1](#) (string textRow1, string paidMode, string inputAmount)
Total
- Dictionary< string, string > [receipt_Total_PAmountTextRow2](#) (string textRow2, string paidMode, string inputAmount)
Total
- Dictionary< string, string > [receipt_Total_PAmountWithoutText](#) (string paidMode, string inputAmount)
Total
- Dictionary< string, string > [receipt_Total](#) (string textRow1, string textRow2)
Total only executed with text
- Dictionary< string, string > [receipt_Total_TextRow1](#) (string textRow1)
Total with one line of text
- Dictionary< string, string > [receipt_Total_TextRow2](#) (string textRow2)
Total executed with second line of text
- Dictionary< string, string > [receipt_Total_WithoutText](#) ()
Total without text
- Dictionary< string, string > [receipt_PinPad_Total](#) (string textRow1, string textRow2, string paidMode, string inputAmount, string pinpadPaidMode)
Total for PinPad
- Dictionary< string, string > [receipt_PinPad_TotalTextRow1](#) (string textRow1, string paidMode, string inputAmount, string pinpadPaidMode)
- Dictionary< string, string > [receipt_PinPad_TotalTextRow2](#) (string textRow2, string paidMode, string inputAmount, string pinpadPaidMode)
Total for PinPad and text line
- Dictionary< string, string > [receipt_PinPad_TotalWText](#) (string paidMode, string inputAmount, string pinpadPaidMode)
Total without text
- void [receipt_Paper_Feed](#) (string linesCount)
Paper feed
- void [receipt_Fiscal_Text](#) (string inputText)
Print of free fiscal text
- void [receipt_Fiscal_Cancel](#) ()
Cancel fiscal receipt
- Dictionary< string, string > [receipt_CashIn_CashOut](#) (string amount)
Cash in/out

- void [receipt_Print_TextBarcode](#) (string barcodeType, string barcodeData)
Barcode print with text
- void [receipt_Print_Barcode](#) (string barcodeType, string barcodeData)
Barcode print without text
- void [receipt_Separating_Line](#) (string lineType)
Printing of separating line
- Dictionary< string, string > [receipt_Current_Info](#) ()
Information of current receipt
- void [receipt_Drawer_KickOut](#) (string mSec)
Drawer opening
- void [receipt_Print_Duplicate](#) (string count)
Print duplicate receipt
- Dictionary< string, string > [report_DailyClosure_01](#) (string option)
Daily closure
- void [report_FMByNumRange](#) (string startNumber, string endNumber)
Fiscal memory report by numbers
- void [report_FMByDateRange_Short](#) (string fromDate, string toDate)
Short fiscal memory report by date
- void [report_FMByDateRange](#) (string fromDate, string toDate)
Extended fiscal memory report by date
- void [report_FMByNumRange_Short](#) (string startNumber, string endNumber)
Short fiscal memory by blocks
- void [report_Operators](#) ()
Operators' report
- Dictionary< string, string > [report_ExtDailyClosure_01](#) (string option)
Extended daily closure
- Dictionary< string, string > [report_Items](#) (string option)
PLU report
- Dictionary< string, string > [report_Items_InRange](#) (string option, string startPLU, string endPLU)
PLU report
- Dictionary< string, string > [report_Items_InRangeByGroup](#) (string option, string startPLU, string endPLU, string group)
PLU report
- Dictionary< string, string > [report_DailyClosureByDepartments_01](#) (string option)
Daily closure by departments
- Dictionary< string, string > [report_DailyClosureByDepartmentsAndItems_01](#) (string option)
Daily closure by departments and items
- Dictionary< string, string > [items_Get_ItemsInformation](#) (string option)
Get item information
- Dictionary< string, string > [items_Set_Item](#) (string option, string taxGroup, string targetPLU, string group, string singlePrice, string quantity, string itemName)
Program a PLU
- Dictionary< string, string > [items_Set_ItemWithReplace](#) (string option, string taxGroup, string targetPLU, string group, string singlePrice, string replace, string quantity, string itemName)
Program a PLU with replace
- Dictionary< string, string > [items_Set_ItemQuantity](#) (string option, string targetPLU, string quantity)
Change of the available quantity for item
- Dictionary< string, string > [items_Delete_Item](#) (string option, string targetPLU)
Deleting items
- Dictionary< string, string > [items_Delete_ItemsInRange](#) (string option, string startPLU, string endPLU)
Delete items in range

- Dictionary< string, string > [items_Delete_All_Items](#) (string dOption, string aOption)
Deleting all items
- Dictionary< string, string > [items_Get_Item](#) (string option, string targetPLU)
Get item
- Dictionary< string, string > [items_Get_FirstFoundItem](#) (string option, string targetPLU)
Get first found item
- Dictionary< string, string > [items_Get_LastFoundItem](#) (string option, string targetPLU)
Get last found item
- Dictionary< string, string > [items_Get_NextItem](#) (string option)
Get next item
- Dictionary< string, string > [items_Get_FirstSoldItem](#) (string option, string targetPLU)
Get first found item with non-zero sales
- Dictionary< string, string > [items_Get_LastSoldItem](#) (string option, string targetPLU)
Get last sold item
- Dictionary< string, string > [items_Get_NextSoldItem](#) (string option, string targetPLU)
Returns data for the next found item with non-zero sell
- Dictionary< string, string > [items_Get_FirstNotProgrammedItem](#) (string option, string targetPLU)
Find the first not programmed item
- Dictionary< string, string > [items_Get_LastNotProgrammedItem](#) (string option, string targetPLU)
Find the last not programmed item
- Dictionary< string, string > [clients_Set_ClientData](#) (string option, string eikValue, string eikType, string receiver, string client, string taxNo, string address1, string address2)
Set client data
- Dictionary< string, string > [clients_Del_ClientData](#) (string option, string eikValue)
Delete client item
- Dictionary< string, string > [clients_Get_ClientData](#) (string option, string eikValue)
Get client data
- Dictionary< string, string > [clients_Set_SellerName](#) (string option, string seller)
Set seller's data
- Dictionary< string, string > [clients_Get_SellerName](#) (string option)
Get seller's data
- Dictionary< string, string > [clients_Get_FirstClientData](#) (string option)
Get first set client's data
- Dictionary< string, string > [clients_Get_NextClientData](#) (string option)
Get next client data
- Dictionary< string, string > [clients_Del_AllClientData](#) (string option)
Delete all client data
- void [config_Set_HeaderLine](#) (string item, string value)
Set header line
- void [config_Set_FooterLine](#) (string item, string value)
Set footer line
- void [config_Set_AutoFormat](#) (string option, string offOn)
Set auto format
- void [config_Set_PrintDensity](#) (string option, string value)
Set print density
- void [config_enable_EUR](#) (string option, string on, string rate)
Enable EUR
- void [config_disable_EUR](#) (string option, string off)
Disable EUR
- void [config_Set_PrintLogo](#) (string option, string offOn, string height)
Set print logo

- void [config_Set_PrintDepartment](#) (string option, string offOn)
Allow printing of department's name on receipt
- void [config_Set_PrintTaxDDS](#) (string option, string offOn)
Allow printing tax dds
- void [config_Set_CashDrawerPulse](#) (string option, string offOn)
Set cash drawer pulse
- void [config_Set_DateTime](#) (string dateTime)
Set date and time
- Dictionary< string, string > [config_Set_InvoiceRange](#) (string startValue, string endValue)
Set invoice range
- Dictionary< string, string > [config_Set_AdditionalPaymentName](#) (string option, string additionalPaymentName)
Set additional payment name
- void [config_Set_DepartmentName](#) (string departmentNumber, string taxGroup, string textRow1)
Set department name
- void [config_Set_DepartmentNameTwoRows](#) (string departmentNumber, string taxGroup, string textRow1, string textRow2)
Set department name
- void [config_Set_OperatorPassword](#) (string operatorCode, string oldPassword, string newPassword)
Set operator's password
- void [config_Set_OperatorName](#) (string operatorCode, string password, string operatorName)
Set operator's name
- Dictionary< string, string > [info_Get_PrintOption](#) (string option)
Get print options I[0...7] - Reading header and footer print option IA - Reading invoice setting IB - Reading barcode size ID - Reading print density IE - Reading EUR settings IL - Reading settings of logo print IN - Reading department print settings IT - DDS settings IX - Reading drawer pulse settings
- Dictionary< string, string > [info_Get_TaxRatesByPeriod](#) (string startDate, string endDate)
Get tax rates by period
- Dictionary< string, string > [info_Get_DateTime](#) ()
Get date and time
- Dictionary< string, string > [info_Get_DateTime_01](#) ()
Get date and time separated
- Dictionary< string, string > [info_Get_LastFiscRecord](#) ()
Get last fiscal record
- Dictionary< string, string > [info_Get_AdditionalDailyInfo_04](#) (string option)
Get additional daily information - Turnover for tax groups
- Dictionary< string, string > [info_Get_AdditionalDailyInfo_05](#) (string option)
Get additional daily information - Daily counters and sums (1/3 part)
- Dictionary< string, string > [info_Get_AdditionalDailyInfo_06](#) (string option)
Get additional daily information - Daily counters and sums (2/3 part)
- Dictionary< string, string > [info_Get_AdditionalDailyInfo_07](#) (string option)
Get additional daily information - Daily counters and sums (3/3 part)
- Dictionary< string, string > [info_Get_AdditionalDailyInfo_08](#) (string option)
Get additional daily information - Storno DDS for tax groups
- Dictionary< string, string > [info_Get_AdditionalDailyInfo_09](#) (string option)
Get additional daily information - Storno turnover for tax groups
- Dictionary< string, string > [info_Get_AdditionalDailyInfo_10](#) (string option)
Get additional daily information - Storno sums for payments
- Dictionary< string, string > [info_Get_InvoiceRange](#) ()
Get invoice range
- Dictionary< string, string > [info_Get_FreeFMRecords](#) ()

- Get free fiscal memory records*

 - Dictionary< string, string > [info_Get_FreeFMRecords_01](#) (string option)
- Get free fiscal memory records*

 - Dictionary< string, string > [info_Get_CashIn_CashOut](#) ()
- Get cash in/ cash out*

 - Dictionary< string, string > [info_Print_Diagnostic_0](#) ()
- Print diagnostic information*

 - Dictionary< string, string > [info_Print_Diagnostic_1](#) (string option)
- Print diagnostic information*

 - Dictionary< string, string > [info_PrintInfo_GPRS](#) (string option)
- Print diagnostic information*

 - Dictionary< string, string > [info_PrintInfo_TaxTerminal](#) (string option)
- Print diagnostic information*

 - Dictionary< string, string > [info_Get_TaxTerminalInfo](#) (string option)
- Get diagnostic information*

 - Dictionary< string, string > [info_Get_ModemInfo](#) (string option)
- Get modem information*

 - Dictionary< string, string > [info_Get_FlashMemoryInfo](#) (string option)
- Get information for flash memory*

 - Dictionary< string, string > [info_Get_StatusBytes](#) (string option)
- Get statuses*

 - Dictionary< string, string > [info_Get_FTransactionStatus](#) (string option)
- Fiscal transaction status*

 - void [info_Print_Short_FMReportByDTRange](#) (string fromDate, string toDate)
- Print short fiscal memory report by date and time range*

 - void [info_Print_Short_MonthlyFMReport](#) (string startValue)
- Print short fiscal memory report by month*

 - void [info_Print_Short_YearlyFMReport](#) (string startValue)
- Print short fiscal memory report by year*

 - Dictionary< string, string > [info_Get_DecimalsAndTaxRates](#) ()
- Get decimals and tax rates*

 - Dictionary< string, string > [info_Get_AdditionalPaymentNames](#) (string option)
- Get additional payment names*

 - Dictionary< string, string > [info_Get_Registration_Count](#) (string option)
- Get registration count*

 - Dictionary< string, string > [info_Get_DeRegistration_Count](#) (string option)
- Get deregistration count*

 - Dictionary< string, string > [info_Get_DepartmentInfo](#) (string departmentNumber)
- Get department information*

 - Dictionary< string, string > [info_Get_Department_StornoInfo](#) (string departmentNumber, string stornoType)
- Get department information*

 - Dictionary< string, string > [info_Get_DiagnosticInfo](#) ()
- Get diagnostic information*

 - Dictionary< string, string > [info_Get_TaxRates](#) ()
- Get tax rates*

 - Dictionary< string, string > [info_Get_EIK](#) ()
- Get EIK*

 - Dictionary< string, string > [info_Get_CurrentRecieptInfo](#) ()
- Get current receipt information*

 - Dictionary< string, string > [info_Get_AdditionalDailyInfo_11](#) (string option)
- Get additional daily information*

- Dictionary< string, string > [info_Get_OperatorsData](#) (string wpOperator)
Get operator's data
- Dictionary< string, string > [info_read_OperatorsInfo](#) (string wpOperator, string option)
Get operator's storno data
- Dictionary< string, string > [info_Get_LastDocumentNumber](#) ()
Get last document number
- Dictionary< string, string > [info_Get_ActiveTaxes](#) (string closureNumber, string option)
Get active taxes
- Dictionary< string, string > [info_Get_Sums](#) (string closure1, string option, string closure2)
Information about turnover for given record or period
- Dictionary< string, string > [info_Get_NettoSums](#) (string closure1, string option, string closure2)
Information for NETO sums for given record or period
- Dictionary< string, string > [info_Get_VATSums](#) (string closure1, string option, string closure2)
Information for DDS (VAT) for given record or period
- Dictionary< string, string > [info_Get_Numbers](#) (string closure1, string option)
Additional information for given record
- Dictionary< string, string > [info_Get_TaxRateValues](#) (string closure1, string option)
Information for given number for DDS (VAT) set
- Dictionary< string, string > [info_Get_ReversalTurnover](#) (string closure1, string option, string closure2)
Information for turnover from storno (for given record or period)
- Dictionary< string, string > [info_Get_ReversalNetoSums](#) (string closure1, string option, string closure2)
Information for NETO sums from storno (for given record or period)
- Dictionary< string, string > [info_Get_ReversalVATSums](#) (string closure1, string option, string closure2)
Information for VAT charged from storno (for given record or period)
- Dictionary< string, string > [klen_Set_DocsRange_ByDateTime](#) (string subcommand01, string documentType, string fromDateTime, string toDateTime)
Reading electronic journal (EJ) by date and time
- Dictionary< string, string > [klen_Get_NextTextRow](#) (string subcommand01)
Reading next line electronic journal (EJ) text
- Dictionary< string, string > [klen_FindRange_ByDateTime](#) (string option, string documentType, string fromDateTime, string toDateTime)
Find range by date and time
- Dictionary< string, string > [klen_FindRange_ByZReports](#) (string option, string documentType, string startNumber, string endNumber)
Find range by Z reports
- Dictionary< string, string > [klen_Get_Info](#) (string option)
Get information
- Dictionary< string, string > [klen_Prepare_Document](#) (string option, string inDocNumber, string inDocType)
Prepare document for reading
- Dictionary< string, string > [klen_Prepare_DocumentInRange](#) (string option, string inFromDocNumber, string inDocType, string inToDocNumber)
Prepare document in range
- Dictionary< string, string > [klen_Get_TextRow](#) (string option)
Get text row
- Dictionary< string, string > [klen_Get_Data](#) (string option)
Read next line structured information
- Dictionary< string, string > [klen_Get_StructData](#) (string option)
Reading next line text/structured information
- Dictionary< string, string > [klen_Print_Document](#) (string option, string inDocNumber, string inDocType)
Print document
- void [other_Sound_Signal](#) (string hz, string mSec)

Play sound

- Dictionary< string, string > [service_Set_DecimalsAndTaxRates](#) (string inpMultiplier, string inpDecimals, string inpCurrencyName, string inpEnabledMask, string inpTaxA, string inpTaxB, string inpTaxC, string inpTaxD, string inpTaxE, string inpTaxF, string inpTaxG, string inpTaxH)

Set decimals and tax rates

- Dictionary< string, string > [service_Set_ProductionTestArea](#) (string option)

Test of fiscal memory

1.1.1 Detailed Description

Fiscal Devices Group "B" - Bulgaria

1.1.2 Member Function Documentation

1.1.2.1 clients_Del_AllClientData()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.clients_Del_AllClientData (
    string option )
```

Delete all client data

Parameters

| | |
|---------------|------------------------------|
| <i>option</i> | '!' - Delete all client data |
|---------------|------------------------------|

Returns

Dictionary with key:

| | |
|-----------|---------------------------|
| errorCode | 'P' - pass; 'F' - failed. |
|-----------|---------------------------|

1.1.2.2 clients_Del_ClientData()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.clients_Del_ClientData (
    string option,
    string eikValue )
```

Delete client item

Parameters

| | |
|-----------------|--------------------------|
| <i>option</i> | '-' - delete client item |
| <i>eikValue</i> | EIK number (9 ... 13) |

Returns

Dictionary with key:

| | |
|-----------|---------------------------|
| errorCode | 'P' - pass; 'F' - failed. |
|-----------|---------------------------|

1.1.2.3 clients_Get_ClientData()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.clients_Get_ClientData (
    string option,
    string eikValue )
```

Get client data

Parameters

| | |
|-----------------|-----------------------|
| <i>option</i> | '#' - get client data |
| <i>eikValue</i> | EIK number (9 ... 13) |

Returns

Dictionary with keys:

| | |
|----------|---|
| value | 'P' - pass or 'F' - failed. |
| eikType | '0' - BULSTAT; '1' - EGN; '2' - LNCH; '3' - service number. |
| receiver | Reciever's name (up to 36 chars). |
| client | Client's name. |
| taxNo | Tax number (Between 10 and 14 symbols). |
| address1 | Client's address (up to 36 symbols). |
| address2 | Client's address (up to 36 symbols). |

1.1.2.4 clients_Get_FirstClientData()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.clients_Get_FirstClientData (
    string option )
```

Get first set client's data

Parameters

| | |
|---------------|-----------------------------------|
| <i>option</i> | '~' - Get first set client's data |
|---------------|-----------------------------------|

Dictionary with keys:

| | |
|-------|-----------------------------|
| value | 'P' - pass or 'F' - failed. |
|-------|-----------------------------|

| | |
|----------|---|
| eikType | '0' - BULSTAT; '1' - EGN; '2' - LNCH; '3' - service number. |
| receiver | Reciever's name (up to 36 chars). |
| client | Client's name. |
| taxNo | Tax number (Between 10 and 14 symbols). |
| address1 | Client's address (up to 36 symbols). |
| address2 | Client's address (up to 36 symbols). |

1.1.2.5 clients_Get_NextClientData()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.clients_Get_NextClientData (
    string option )
```

Get next client data

Parameters

| | |
|---------------|-----------------------|
| <i>option</i> | '@' - next clien data |
|---------------|-----------------------|

Dictionary with keys:

| | |
|----------|---|
| value | 'P' - pass or 'F' - failed. |
| eikType | '0' - BULSTAT; '1' - EGN; '2' - LNCH; '3' - service number. |
| receiver | Reciever's name (up to 36 chars). |
| client | Client's name. |
| taxNo | Tax number (Between 10 and 14 symbols). |
| address1 | Client's address (up to 36 symbols). |
| address2 | Client's address (up to 36 symbols). |

1.1.2.6 clients_Get_SellerName()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.clients_Get_SellerName (
    string option )
```

Get seller's data

Parameters

| | |
|---------------|--------------------------|
| <i>option</i> | '\$' - Get seller's data |
|---------------|--------------------------|

Returns

Dictionary with key:

| | |
|--------|---------------|
| seller | Seller's name |
|--------|---------------|

1.1.2.7 clients_Set_ClientData()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.clients_Set_ClientData (
    string option,
    string eikValue,
    string eikType,
    string receiver,
    string client,
    string taxNo,
    string address1,
    string address2 )
```

Set client data

Parameters

| | |
|-----------------|--|
| <i>option</i> | '+' |
| <i>eikValue</i> | EIK number (9 ... 13) |
| <i>eikType</i> | '0' - BULSTAT; '1' - EGN; '2' - LNCH; '3' - service number |
| <i>receiver</i> | Reciever's name (up to 36 chars) |
| <i>client</i> | Clent's name (up to 36 chars); |
| <i>taxNo</i> | Client's tax number (10 - 14 symbols) |
| <i>address1</i> | Client's address (up to 36 symbols) |
| <i>address2</i> | Client's address second line (up to 36 symbols) |

Returns

Dictionary with key:

| | |
|-----------|---------------------------|
| errorCode | 'P' - pass; 'F' - failed. |
|-----------|---------------------------|

1.1.2.8 clients_Set_SellerName()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.clients_Set_SellerName (
    string option,
    string seller )
```

Set seller's data

Parameters

| | |
|---------------|----------------------------------|
| <i>option</i> | '^' - Set seller's data |
| <i>seller</i> | Seller's name (up to 36 symbols) |

Returns

Dictionary with key:

| | |
|-----------|---------------------------|
| errorCode | 'P' - pass; 'F' - failed. |
|-----------|---------------------------|

1.1.2.9 config_disable_EUR()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.config_disable_EUR (
    string option,
    string off )
```

Disable EUR

Parameters

| | |
|---------------|---------------------------|
| <i>option</i> | 'E' |
| <i>off</i> | '0' - forbid, '1' - allow |

1.1.2.10 config_enable_EUR()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.config_enable_EUR (
    string option,
    string on,
    string rate )
```

Enable EUR

Parameters

| | |
|---------------|---|
| <i>option</i> | 'E' |
| <i>on</i> | '0' - forbid, '1' - allow |
| <i>rate</i> | exchange rate - 8 digits, 5 after decimal point |

1.1.2.11 config_Set_AdditionalPaymentName()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.config_Set_AdditionalPaymentName (
    string option,
    string additionalPaymentName )
```

Set additional payment name

Parameters

| | |
|------------------------------|--|
| <i>option</i> | 'N' - Payment 1;'C' - Payment 2;'D' - Payment 3;'I' - Payment 4;'J' - Payment 5; |
| <i>additionalPaymentName</i> | Name - up to 10 symbols |

Returns

Dictionary with key:

| | |
|-----------|---------------------|
| errorCode | P(pass) or F(fail). |
|-----------|---------------------|

1.1.2.12 config_Set_AutoFormat()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.config_Set_AutoFormat (
    string option,
    string offOn )
```

Set auto format

Parameters

| | |
|---------------|---|
| <i>option</i> | 'A' |
| <i>offOn</i> | '0' - forbid or '1' - allow auto format |

1.1.2.13 config_Set_CashDrawerPulse()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.config_Set_CashDrawerPulse (
    string option,
    string offOn )
```

Set cash drawer pulse

Parameters

| | |
|---------------|-----------------------------|
| <i>option</i> | 'X' |
| <i>offOn</i> | '1' - Enable; '0' - disable |

1.1.2.14 config_Set_DateTime()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.config_Set_DateTime (
    string dateTime )
```

Set date and time

Parameters

| | |
|-----------------|--|
| <i>dateTime</i> | Date and time in format: DD-MM-YY HH:MM[:SS] |
|-----------------|--|

1.1.2.15 config_Set_DepartmentName()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.config_Set_DepartmentName (
    string departmentNumber,
    string taxGroup,
    string textRow1 )
```

Set department name

Parameters

| | |
|-------------------------|---|
| <i>departmentNumber</i> | Department number -(1 ... 9) |
| <i>taxGroup</i> | Tax group, associated with the department |
| <i>textRow1</i> | Description for department |

1.1.2.16 config_Set_DepartmentNameTwoRows()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.config_Set_DepartmentNameTwoRows (
    string departmentNumber,
    string taxGroup,
    string textRow1,
    string textRow2 )
```

Set department name

Parameters

| | |
|-------------------------|---|
| <i>departmentNumber</i> | Department number -(1 ... 9) |
| <i>taxGroup</i> | Tax group, associated with the department |
| <i>textRow1</i> | Description for department |
| <i>textRow2</i> | Description for department - second row |

1.1.2.17 config_Set_FooterLine()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.config_Set_FooterLine (
    string item,
    string value )
```

Set footer line

Parameters

| | |
|--------------|--------------------------|
| <i>item</i> | 6 or 7 (for line number) |
| <i>value</i> | Text (up to 42 symbols) |

1.1.2.18 config_Set_HeaderLine()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.config_Set_HeaderLine (
    string item,
    string value )
```

Set header line

Parameters

| | |
|--------------|--------------------------|
| <i>item</i> | 0 to 5 (for line number) |
| <i>value</i> | Text (up to 42 symbols) |

1.1.2.19 config_Set_InvoiceRange()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.config_Set_InvoiceRange (
    string startValue,
    string endValue )
```

Set invoice range

Parameters

| | |
|-------------------|---------------------------------------|
| <i>startValue</i> | Start invoice value (up to 10 digits) |
| <i>endValue</i> | End invoice value (up to 10 digits) |

Returns

Dictionary with keys:

| | |
|--------------|--|
| valueStart | The starting number of the interval. Max 10 digits (1...9999999999). |
| valueEnd | The ending number of the interval. Max 10 digits (1...9999999999). |
| valueCurrent | The current invoice receipt number (1...9999999999). |

1.1.2.20 config_Set_OperatorName()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.config_Set_OperatorName (
```

```

    string operatorCode,
    string password,
    string operatorName )

```

Set operator's name

Parameters

| | |
|---------------------|------------------------------------|
| <i>operatorCode</i> | Operator's code (1 ... 30) |
| <i>password</i> | Password (1 ... 8) |
| <i>operatorName</i> | Operator's name (up to 10 symbols) |

1.1.2.21 config_Set_OperatorPassword()

```

void FiscalPrinterSDK.FDGROUP_B_BGR.config_Set_OperatorPassword (
    string operatorCode,
    string oldPassword,
    string newPassword )

```

Set operator's password

Parameters

| | |
|---------------------|----------------------------|
| <i>operatorCode</i> | Operator's code (1 ... 30) |
| <i>oldPassword</i> | Old password (1 ... 8) |
| <i>newPassword</i> | New password (1 ... 8) |

1.1.2.22 config_Set_PrintDensity()

```

void FiscalPrinterSDK.FDGROUP_B_BGR.config_Set_PrintDensity (
    string option,
    string value )

```

Set print density

Parameters

| | |
|---------------|---|
| <i>option</i> | 'D' |
| <i>value</i> | '1': Very light; '2': Light; '3': Normal; '4': Dense; '5': Very dense |

1.1.2.23 config_Set_PrintDepartment()

```

void FiscalPrinterSDK.FDGROUP_B_BGR.config_Set_PrintDepartment (

```

```
string option,
string offOn )
```

Allow printing of department's name on receipt

Parameters

| | |
|---------------|-----------------------------|
| <i>option</i> | 'N' |
| <i>offOn</i> | '1' - Enable; '0' - disable |

1.1.2.24 config_Set_PrintLogo()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.config_Set_PrintLogo (
    string option,
    string offOn,
    string height )
```

Set print logo

Parameters

| | |
|---------------|-----------------------------|
| <i>option</i> | 'L' |
| <i>offOn</i> | '1' - Enable; '0' - disable |
| <i>height</i> | Logo height |

1.1.2.25 config_Set_PrintTaxDDS()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.config_Set_PrintTaxDDS (
    string option,
    string offOn )
```

Allow printing tax dds

Parameters

| | |
|---------------|-----------------------------|
| <i>option</i> | 'T' |
| <i>offOn</i> | '1' - Enable; '0' - disable |

1.1.2.26 display_Clear()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.display_Clear ( )
```

Clear display

1.1.2.27 display_Show_DateTime()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.display_Show_DateTime ( )
```

Show date and time

1.1.2.28 display_Show_LowerLine()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.display_Show_LowerLine (
    string textData )
```

Show text on lower line of the external display

Parameters

| | |
|-----------------|-----------------------|
| <i>textData</i> | Text up to 20 symbols |
|-----------------|-----------------------|

1.1.2.29 display_Show_Text()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.display_Show_Text ( )
```

Show text on the external display

1.1.2.30 display_Show_UpperLine()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.display_Show_UpperLine (
    string textData )
```

Show text on upper line of the external display

Parameters

| | |
|-----------------|-----------------------|
| <i>textData</i> | Text up to 20 symbols |
|-----------------|-----------------------|

1.1.2.31 Get_SBit_ErrorChecking()

```
bool FiscalPrinterSDK.FDGROUP_B_BGR.Get_SBit_ErrorChecking (
    int byteIndex,
    int bitIndex )
```

Get if desired bit is an error

Parameters

| | |
|------------------|--------------------|
| <i>byteIndex</i> | Desired byte index |
| <i>bitIndex</i> | Desired bit index |

Returns

Returns bool (1 - if the bit is considered error, 0 - is it is informatice)

1.1.2.32 Get_SBit_State()

```
bool FiscalPrinterSDK.FDGROUP_B_BGR.Get_SBit_State (
    int byteIndex,
    int bitIndex )
```

Get status bit state

Parameters

| | |
|------------------|------------|
| <i>byteIndex</i> | byte index |
| <i>bitIndex</i> | bit index |

Returns

Returns current state bool(1 - bit is raised, 0 - bit is not raised)

1.1.2.33 info_Get_ActiveTaxes()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_ActiveTaxes (
    string closureNumber,
    string option )
```

Get active taxes

Parameters

| | |
|----------------------|---|
| <i>closureNumber</i> | Closure number |
| <i>option</i> | '0' - Information for active tax rates for given record |

Returns

Dictionary with keys:

| | |
|-----------------|---|
| errorCode | 'P' - Command is executed correctly, 'F' - Command is declined. |
| taxRecordNumber | Tax record number. |
| decimalsCount | Decimal point count for Z report record . |
| enabled | Enabled tax rates (1 - enabled). |
| taxRateA | tax rate A in percents. |
| taxRateB | tax rate B in percents. |
| taxRateC | tax rate C in percents. |
| taxRateD | tax rate D in percents. |
| taxRateE | tax rate E in percents. |
| taxRateF | tax rate F in percents. |
| taxRateG | tax rate G in percents. |
| taxRateH | tax rate H in percents. |
| dateTime | Date and time (format: DD-MM-YY hh:mm:ss). |

1.1.2.34 info_Get_AdditionalDailyInfo_04()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_AdditionalDailyInfo_04 (
    string option )
```

Get additional daily information - Turnover for tax groups

Parameters

| | |
|--------|-------------------------------|
| option | '0' - Turnover for tax groups |
|--------|-------------------------------|

Returns

Dictionary with keys:

| | |
|------|--------------------------|
| taxA | Turnover for tax group A |
| taxB | Turnover for tax group B |
| taxC | Turnover for tax group C |
| taxD | Turnover for tax group D |
| taxE | Turnover for tax group E |
| taxF | Turnover for tax froup F |
| taxG | Turnover for tax froup G |
| taxH | Turnover for tax froup H |

1.1.2.35 info_Get_AdditionalDailyInfo_05()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_AdditionalDailyInfo_05 (
    string option )
```

Get additional daily information - Daily counters and sums (1/3 part)

Parameters

| | |
|---------------|--|
| <i>option</i> | '2' - Daily counters and sums (1/3 part) |
|---------------|--|

Returns

Dictionary with keys:

| | |
|-----------------|---|
| clientsCount | Clients count (4 bytes) |
| sumSold | Sum of sold items (12 bytes with sign) |
| surchargesSum | Sum of surcharges (12 bytes with sign) |
| surchargesCount | Surcharges count (4 bytes) |
| discountsSum | Sum of discounts (12 bytes with sign) |
| discountsCount | Discounts count (4 bytes) |
| voidsSum | Sum of void operations (12 bytes with sign) |
| voidsCount | Void operations count (4 bytes) |
| canceledSum | Sum of canceled operations (12 bytes with sign) |
| canceledCount | Canceled operations count (4 bytes) |

1.1.2.36 info_Get_AdditionalDailyInfo_06()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_AdditionalDailyInfo_06 (
    string option )
```

Get additional daily information - Daily counters and sums (2/3 part)

Parameters

| | |
|---------------|--|
| <i>option</i> | '3' - Daily counters and sums (2/3 part) |
|---------------|--|

Returns

Dictionary with keys:

| | |
|---------------------|---|
| foreignSum | Sum paid with foreign currency (12 bytes with sign) |
| localforeignSum | Sum paid with local currency (12 bytes with sign) |
| cashinSum | Cash in sum (12 bytes with sign) |
| cashinCount | Cash in count (4 bytes) |
| cashoutSum | Cash out sum (12 bytes with sign) |
| cashoutCount | Cash out count (4 bytes) |
| cashinForeignSum | Cash in sum in foreign currency (12 bytes with sign) |
| cashinForeignCount | Cash in count in foreign currency (4 bytes) |
| cashoutForeignSum | Cash out sum in foreign currency (12 bytes with sign) |
| cashoutForeignCount | Cash out count in foreign currency (4 bytes) |

1.1.2.37 info_Get_AdditionalDailyInfo_07()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_AdditionalDailyInfo_07 (
    string option )
```

Get additional daily information - Daily counters and sums (3/3 part)

Parameters

| | |
|---------------|--|
| <i>option</i> | '4' - Daily counters and sums (3/3 part) |
|---------------|--|

Returns

Dictionary with keys:

| | |
|-----------------------|--|
| sumPaymentType↔ _0 | Sum pay of payment type 0 (12 bytes with sign) |
| sumPaymentType↔ _1 | Sum pay of payment type 1 (12 bytes with sign) |
| sumPaymentType↔ _2 | Sum pay of payment type 2 (12 bytes with sign) |
| sumPaymentType↔ _3 | Sum pay of payment type 3 (12 bytes with sign) |
| sumPaymentType↔ _4 | Sum pay of payment type 4 (12 bytes with sign) |
| sumPaymentType↔ _5 | Sum pay of payment type 5 (12 bytes with sign) |

1.1.2.38 info_Get_AdditionalDailyInfo_08()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_AdditionalDailyInfo_08 (
    string option )
```

Get additional daily information - Storno DDS for tax groups

Parameters

| | |
|---------------|---------------------------------|
| <i>option</i> | '6' - Storno DDS for tax groups |
|---------------|---------------------------------|

Returns

Dictionary with keys:

| | |
|---------------------|----------------------------|
| reverseturnoverTaxA | Storno DDS for tax group A |
| reverseturnoverTaxB | Storno DDS for tax group B |
| reverseturnoverTaxC | Storno DDS for tax group C |
| reverseturnoverTaxD | Storno DDS for tax group D |
| reverseturnoverTaxE | Storno DDS for tax group E |

| | |
|---------------------|----------------------------|
| reverseturnoverTaxF | Storno DDS for tax group F |
| reverseturnoverTaxG | Storno DDS for tax group G |
| reverseturnoverTaxH | Storno DDS for tax group H |

1.1.2.39 info_Get_AdditionalDailyInfo_09()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_AdditionalDailyInfo_09 (
    string option )
```

Get additional daily information - Storno turnover for tax groups

Parameters

| | |
|---------------|--------------------------------------|
| <i>option</i> | '5' - Storno turnover for tax groups |
|---------------|--------------------------------------|

Returns

Dictionary with keys:

| | |
|----------------|---------------------------------|
| reversevatTaxA | Storno turnover for tax group A |
| reversevatTaxB | Storno turnover for tax group B |
| reversevatTaxC | Storno turnover for tax group C |
| reversevatTaxD | Storno turnover for tax group D |
| reversevatTaxE | Storno turnover for tax group E |
| reversevatTaxF | Storno turnover for tax group F |
| reversevatTaxG | Storno turnover for tax group G |
| reversevatTaxH | Storno turnover for tax group H |

1.1.2.40 info_Get_AdditionalDailyInfo_10()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_AdditionalDailyInfo_10 (
    string option )
```

Get additional daily information - Storno sums for payments

Parameters

| | |
|---------------|--------------------------------|
| <i>option</i> | '7' - Storno sums for payments |
|---------------|--------------------------------|

Returns

Dictionary with keys:

| | |
|------------------------------|---|
| reversesumPaymentType↔ _0 | Strono sum for payment type 0 (12 bytes with sign) |
| reversesumPaymentType↔ _1 | Strono sum for payment type 1 (12 bytes with sign) |
| reversesumPaymentType↔ _2 | Strono sum for payment type 2 (12 bytes with sign) |
| reversesumPaymentType↔ _3 | Strono sum for payment type 3 (12 bytes with sign) |
| reversesumPaymentType↔ _4 | Strono sum for payment type 4 (12 bytes with sign) |
| reversesumPaymentType↔ _5 | Strono sum for payment type 5 (12 bytes with sign) |
| reversesumForeign | Storno sum payment of foreign currency (12 bytes with sign) |
| reversesumLocalForeign | Storno sum payment of local currency (12 bytes with sign) |

1.1.2.41 info_Get_AdditionalDailyInfo_11()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_AdditionalDailyInfo_11 (
    string option )
```

Get additional daily information

Parameters

| | |
|---------------|--|
| <i>option</i> | '0' - form sales; '1' - from storno operations |
|---------------|--|

Returns

Dictionary with keys:

| | |
|--------------------|----------------------------|
| cash | Payed in cash |
| credit | Payed with credit |
| debit | Payed with debit |
| payment04 | Payed with NZOK |
| payment05 | Payed with check |
| payment06 | Payed with coupon |
| resrv1 | Always 0 |
| resrv2 | Always 0 |
| closure | Current fiscal closure |
| nextFReceiptNumber | Next fiscal receipt number |

1.1.2.42 info_Get_AdditionalPaymentNames()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_AdditionalPaymentNames (
    string option )
```

Get additional payment names

Parameters

| | |
|---------------|---|
| <i>option</i> | 'N' - Payment 1; 'C' - Payment 2; 'D' - Payment 3; 'I' - Payment 4; 'J' - Payment 5 |
|---------------|---|

Returns

Dictionary with key:

| | |
|-------------|---------------------------------|
| paymentName | Payment name (up to 10 symbols) |
|-------------|---------------------------------|

1.1.2.43 info_Get_CashIn_CashOut()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_CashIn_CashOut ( )
```

Get cash in/ cash out

Returns

Dictionary with keys:

| | |
|-----------|----------------------------------|
| errorCode | 'P' - pass or 'F' - failed |
| cashSum | Cash in safe sum |
| servIn | Total sum of cash in operations |
| servOut | Total sum of cash out operations |

1.1.2.44 info_Get_CurrentRecieptInfo()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_CurrentRecieptInfo ( )
```

Get current receipt information

Returns

Dictionary with keys:

| | |
|-------------|---|
| errorCode | 'P' - pass, 'F' - failed |
| canVd | Is it possible return (strono) |
| taxA | Tax A accumulated sum |
| taxB | Tax B accumulated sum |
| taxC | Tax C accumulated sum |
| taxD | Tax D accumulated sum |
| taxE | Tax E accumulated sum |
| taxF | Tax F accumulated sum |
| taxG | Tax G accumulated sum |
| taxH | Tax H accumulated sum |
| inv | Is it invoice open? '0' - No; '1' - Yes |
| invNum | Next invoice number |
| receiptType | '0' - Fiscal; '1' - Storno operator's error; '2' - Storno refund; '3' - Storno tax base reduction |

1.1.2.45 info_Get_DateTime()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_DateTime ( )
```

Get date and time

Returns

Dictionary with key:

| | |
|----------|--|
| dateTime | Date and time in format: DD-MM-YY HH:MM:SS |
|----------|--|

1.1.2.46 info_Get_DateTime_01()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_DateTime_01 ( )
```

Get date and time separated

Returns

Dictionary with keys:

| | |
|--------|--------------|
| day | Day - DD |
| month | Month - MM |
| year | Year - YY |
| hour | Hours - HH |
| minute | Minutes - mm |
| second | Seconds - ss |

1.1.2.47 info_Get_DecimalsAndTaxRates()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_DecimalsAndTaxRates ( )
```

Get decimals and tax rates

Returns

Dictionary with keys:

| | |
|--------------|---|
| multiplier | One byte, '1' - if receipt is open, '0' - otherwise |
| decimals | One byte (0...2), digits after decimal point |
| currencyName | Currency name (3 bytes) |
| enabledMask | Eight bytes, with 0 or 1, for enabled or disabled tax group |

| | |
|------|-------------|
| taxA | Tax A value |
| taxB | Tax B value |
| taxC | Tax C value |
| taxD | Tax D value |
| taxE | Tax E value |
| taxF | Tax F value |
| taxG | Tax G value |
| taxH | Tax H value |

1.1.2.48 info_Get_Department_StornoInfo()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_Department_StornoInfo (
    string departmentNumber,
    string stornoType )
```

Get department information

Parameters

| | |
|-------------------------|---|
| <i>departmentNumber</i> | Department number (from 1 to 9) |
| <i>stornoType</i> | '1' - Storno from refund, '2' - Storno operator's error, '3' - tax base reduction |

Returns

Dictionary with keys:

| | |
|-----------|--|
| errorCode | 'P' - pass, 'F' - failed |
| taxGroup | Tax group for department (-) |
| recSales | Sales count for departments in receipt. |
| recSum | Sum for current or last fiscal receipt for department. |
| totSales | Sales count for department for the day. |
| totSum | Day sum by department. |
| line1 | Text for department. |
| line2 | Text for department line 2. |

1.1.2.49 info_Get_DepartmentInfo()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_DepartmentInfo (
    string departmentNumber )
```

Get department information

Parameters

| | |
|-------------------------|---------------------------------|
| <i>departmentNumber</i> | Department number (from 1 to 9) |
|-------------------------|---------------------------------|

Returns

Dictionary with keys:

| | |
|-----------|--|
| errorCode | 'P' - pass, 'F' - failed |
| taxGroup | Tax group for department (-) |
| recSales | Sales count for departments in receipt. |
| recSum | Sum for current or last fiscal receipt for department. |
| totSales | Sales count for department for the day. |
| totSum | Day sum by department. |
| line1 | Text for department. |
| line2 | Text for department line 2. |

1.1.2.50 info_Get_DeRegistration_Count()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_DeRegistration_Count (
    string option )
```

Get deregistration count

Parameters

| | |
|---------------|-----|
| <i>option</i> | 'D' |
|---------------|-----|

Dictionary with key:

| | |
|------------|----------------------|
| deregCount | Deregistration count |
|------------|----------------------|

1.1.2.51 info_Get_DiagnosticInfo()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_DiagnosticInfo ( )
```

Get diagnostic information

Returns

Dictionary with keys:

| | |
|--------------------|--------------------------|
| deviceName | Device name |
| firmware | Firmware version |
| checkSum | Checksum. |
| switches | Not in fiscal device |
| serialNumber | Serial number of device. |
| fiscalMemoryNumber | Fiscal memory number. |

1.1.2.52 info_Get_EIK()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_EIK ( )
```

Get EIK

Returns

Dictionary with keys:

| | |
|----------|------------------------------|
| eikValue | EIK as text |
| eikName | Description text before EIK. |

1.1.2.53 info_Get_FlashMemoryInfo()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_FlashMemoryInfo (
    string option )
```

Get information for flash memory

Parameters

| | |
|---------------|------------------------------------|
| <i>option</i> | '8' - Information for flash memory |
|---------------|------------------------------------|

Returns

Dictionary with keys:

| | |
|-------------|----------------------------|
| errorCode | 'P' - pass or 'F' - failed |
| deviceId | Chip ID |
| volumeSize | Memory size |
| validBlocks | Blocks count. |
| blockSize | Block size |

1.1.2.54 info_Get_FreeFMRecords()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_FreeFMRecords ( )
```

Get free fiscal memory records

Returns

Dictionary with keys:

| | |
|--------------|--|
| countLogical | Count of logical places for fiscal memory |
| countTotal | Count of logical places for fiscal memory (repeats the above record) |

1.1.2.55 info_Get_FreeFMRecords_01()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_FreeFMRecords_01 (
    string option )
```

Get free fiscal memory records

Parameters

| | |
|---------------|--|
| <i>option</i> | 'R' - Information for daily closures map. It can be use only if the fiscal device has worked before N18 - 2018 and it works now without fiscal memory change. |
|---------------|--|

Returns

Dictionary with key:

| | |
|---------|--------------------------------------|
| fAnswer | 4 parameters, separated with commas. |
|---------|--------------------------------------|

1.1.2.56 info_Get_FTransactionStatus()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_FTransactionStatus (
    string option )
```

Fiscal transaction status

Parameters

| | |
|---------------|---|
| <i>option</i> | Blank or 'T' - The command will return information about current state of amount due from the customer. |
|---------------|---|

Returns

Dictionary with keys:

| | |
|--------|---|
| open | One byte, '1' - if receipt is open, '0' - otherwise |
| items | Sales count from current or last fiscal receipt (4 bytes) |
| amount | Sum of the last fiscal receipt |
| tender | Sum, payed from next or last receipt |

1.1.2.57 info_Get_InvoiceRange()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_InvoiceRange ( )
```

Get invoice range

Returns

Dictionary with keys:

| | |
|--------------|------------------------------|
| valueStart | Start value of invoice range |
| valueEnd | End value of invoice range |
| valueCurrent | Current invoice value |

1.1.2.58 info_Get_LastDocumentNumber()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_LastDocumentNumber ( )
```

Get last document number

Returns

Dictionary with key:

| | |
|----------------|----------------------------|
| documentNumber | Document number (7 digits) |
|----------------|----------------------------|

1.1.2.59 info_Get_LastFiscRecord()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_LastFiscRecord ( )
```

Get last fiscal record

Returns

Dictionary with keys:

| | |
|-------------------|-----------------------------|
| errorCode | 'P' - pass; 'F' - failed |
| lastFRecordNumber | Last fiscal record |
| taxA | Turnover for tax group A |
| taxB | Turnover for tax group B |
| taxC | Turnover for tax group C |
| taxD | Turnover for tax group D |
| taxE | Turnover for tax group E |
| taxF | Turnover for tax group F |
| taxG | Turnover for tax group G |
| taxH | Turnover for tax group H |
| date | Fiscal record date /DDMMYY/ |

1.1.2.60 info_Get_ModemInfo()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_ModemInfo (
    string option )
```

Get modem information

Parameters

| | |
|---------------|-----------------------------|
| <i>option</i> | '7' - Get modem information |
|---------------|-----------------------------|

Returns

Dictionary with keys:

| | |
|------------|--|
| errorCode | 'P' - pass or 'F' - failed |
| sim | Sim card status (0-1) 1 - ready for work |
| iMSI | IMSI number of SIM card |
| isReg | Registration status (0-1) 1 - The modem is registered. |
| wpOperator | Mobile operator name |
| signal | Level of signal in percents (1-100) |

1.1.2.61 info_Get_NettoSums()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_NettoSums (
    string closure1,
    string option,
    string closure2 )
```

Information for NETO sums for given record or period

Parameters

| | |
|-----------------|--|
| <i>closure1</i> | Start closure number of fiscal memory (1-1825) |
| <i>option</i> | '2' - Information for NETO sums for given record or period |
| <i>closure2</i> | End closure number of fiscal memory (1-1825) |

Returns

Dictionary with keys:

| | |
|---------------|---|
| errorCode | 'P' - Command is executed correctly, 'F' - Command is declined. |
| closureNumber | Closure number for given period. |
| receiptsCount | Decimal point count for Z report record . |
| nettoTaxA | Netto amount for tax group A. |

| | |
|-----------|---------------------------|
| nettoTaxB | Turnover for tax group B. |
| nettoTaxC | Turnover for tax group C. |
| nettoTaxD | Turnover for tax group D. |
| nettoTaxE | Turnover for tax group E. |
| nettoTaxF | Turnover for tax group F. |
| nettoTaxG | Turnover for tax group G. |
| nettoTaxH | Turnover for tax group H. |

1.1.2.62 info_Get_Numbers()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_Numbers (
    string closure1,
    string option )
```

Additional information for given record

Parameters

| | |
|-----------------|---|
| <i>closure1</i> | Closure number of fiscal memory (1-1825) |
| <i>option</i> | '4' - Additional information for given record |

Returns

Dictionary with keys:

| | |
|-------------------|---|
| errorCode | 'P' - Command is executed correctly, 'F' - Command is declined. |
| closureNumber | Closure number for given period. |
| taxRecordNumber | Last active tax record number for given period. |
| resetRecordNumber | Last RAM reset to this fiscal block. |
| kLENNumber | Number of electronic journal for this fiscal block. |
| dateTime | Date and time for the data (format: DD-MM-YY hh:mm:ss). |

1.1.2.63 info_Get_OperatorsData()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_OperatorsData (
    string wpOperator )
```

Get operator's data

Parameters

| | |
|-------------------|----------------------------|
| <i>wpOperator</i> | Operator's number (1...30) |
|-------------------|----------------------------|

Returns

Dictionary with keys:

| | |
|------------------|---------------------------------------|
| receiptsCount | Receipts count from selected operator |
| salesCount | Sales count |
| salesSum | Sales sum |
| discountsCount | Discounts count |
| discountsSum | Discounts sum |
| surchargesCount | Surcharges count |
| surchargesSum | Surcharges sum |
| voidsCount | Voids count |
| voidsSum | Void sum |
| operatorName | Operator's name |
| operatorPassword | Operator's password |

1.1.2.64 info_Get_PrintOption()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_PrintOption (
    string option )
```

Get print options I[0...7] - Reading header and footer print option IA - Reading invoice setting IB - Reading barcode size ID - Reading print density IE - Reading EUR settings IL - Reading settings of logo print IN - Reading department print settings IT - DDS settings IX - Reading drawer pulse settings

Parameters

| | |
|---------------|-------------------------------------|
| <i>option</i> | 'I' + 0...7, A, B, D, E, L, N, T, X |
|---------------|-------------------------------------|

Returns

Dictionary with key:

| | |
|---------|-----------------------|
| fAnswer | Depends on the input. |
|---------|-----------------------|

1.1.2.65 info_Get_Registration_Count()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_Registration_Count (
    string option )
```

Get registration count

Parameters

| | |
|---------------|-----|
| <i>option</i> | 'R' |
|---------------|-----|

Dictionary with key:

| | |
|----------|--------------------|
| regCount | Registration count |
|----------|--------------------|

1.1.2.66 info_Get_ReversalNetoSums()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_ReversalNetoSums (
    string closure1,
    string option,
    string closure2 )
```

Information for NETO sums from storno (for given record or period)

Parameters

| | |
|-----------------|---|
| <i>closure1</i> | Start closure number (1-1825) |
| <i>option</i> | '8' - Information for NETO sums from storno (for given record or period). |
| <i>closure2</i> | End closure number (1-1825) |

Returns

Dictionary with keys:

| | |
|--------------|---|
| errorCode | 'P' - Command is executed correctly, 'F' - Command is declined. |
| closureCount | Closure count for given period. |
| totA | Netto storno turnover for tax group A. |
| totB | Netto storno turnover for tax group B. |
| totC | Netto storno turnover for tax group C. |
| totD | Netto storno turnover for tax group D. |
| totE | Netto storno turnover for tax group E. |
| totF | Netto storno turnover for tax group F. |
| totG | Netto storno turnover for tax group G. |
| totH | Netto storno turnover for tax group H. |

1.1.2.67 info_Get_ReversalTurnover()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_ReversalTurnover (
    string closure1,
    string option,
    string closure2 )
```

Information for turnover from storno (for given record or period)

Parameters

| | |
|-----------------|---|
| <i>closure1</i> | Start closure number (1-1825) |
| <i>option</i> | '7' - Information for turnover from storno (for given record or period) |
| <i>closure2</i> | End closure number (1-1825) |

Returns

Dictionary with keys:

| | |
|--------------|---|
| errorCode | 'P' - Command is executed correctly, 'F' - Command is declined. |
| closureCount | Closure count for given period. |
| totA | Storno turnover for tax group A. |
| totB | Storno turnover for tax group B. |
| totC | Storno turnover for tax group C. |
| totD | Storno turnover for tax group D. |
| totE | Storno turnover for tax group E. |
| totF | Storno turnover for tax group F. |
| totG | Storno turnover for tax group G. |
| totH | Storno turnover for tax group H. |

1.1.2.68 info_Get_ReversalVATSums()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_ReversalVATSums (
    string closure1,
    string option,
    string closure2 )
```

Information for VAT charged from storno (for given record or period)

Parameters

| | |
|-----------------|--|
| <i>closure1</i> | Start closure number (1-1825) |
| <i>option</i> | '9' - Information for VAT charged from storno (for given record or period) |
| <i>closure2</i> | End closure number (1-1825) |

Returns

Dictionary with keys:

| | |
|--------------|---|
| errorCode | 'P' - Command is executed correctly, 'F' - Command is declined. |
| closureCount | Closure count for given period. |
| totA | Storno VAT (DDS) for tax group A. |
| totB | Storno VAT (DDS) for tax group B. |
| totC | Storno VAT (DDS) for tax group C. |
| totD | Storno VAT (DDS) for tax group D. |
| totE | Storno VAT (DDS) for tax group E. |

| | |
|------|-----------------------------------|
| totF | Storno VAT (DDS) for tax group F. |
| totG | Storno VAT (DDS) for tax group G. |
| totH | Storno VAT (DDS) for tax group H. |

1.1.2.69 info_Get_StatusBytes()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_StatusBytes (
    string option )
```

Get statuses

Parameters

| | |
|---------------|--|
| <i>option</i> | 'W' - First waits for every buffers to be printed; 'X' - Not waits fiscal device |
|---------------|--|

Returns

Dictionary with key:

| | |
|-------------|--------------|
| statusBytes | status bytes |
|-------------|--------------|

1.1.2.70 info_Get_Sums()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_Sums (
    string closure1,
    string option,
    string closure2 )
```

Information about turnover for given record or period

Parameters

| | |
|-----------------|--|
| <i>closure1</i> | Start closure number (1-1825) |
| <i>option</i> | '1' - Information about turnover for given record or period. |
| <i>closure2</i> | End closure number (1-1825) |

Returns

Dictionary with keys:

| | |
|---------------|---|
| errorCode | 'P' - Command is executed correctly, 'F' - Command is declined. |
| closureNumber | Closure number for given period. |
| receiptsCount | Decimal point count for Z report record . |

| | |
|---------|---------------------------|
| totTaxA | Turnover for tax group A. |
| totTaxB | Turnover for tax group B. |
| totTaxC | Turnover for tax group C. |
| totTaxD | Turnover for tax group D. |
| totTaxE | Turnover for tax group E. |
| totTaxF | Turnover for tax group F. |
| totTaxG | Turnover for tax group G. |
| totTaxH | Turnover for tax group H. |

1.1.2.71 info_Get_TaxRates()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_TaxRates ( )
```

Get tax rates

Returns

Dictionary with keys:

| | |
|------|-------------|
| taxA | Tax A value |
| taxB | Tax B value |
| taxC | Tax C value |
| taxD | Tax D value |
| taxE | Tax E value |
| taxF | Tax F value |
| taxG | Tax G value |
| taxH | Tax H value |

1.1.2.72 info_Get_TaxRatesByPeriod()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_TaxRatesByPeriod (
    string startDate,
    string endDate )
```

Get tax rates by period

Parameters

| | |
|------------------|---------------------------------------|
| <i>startDate</i> | Start date in format DDMMYY /6 bytes/ |
| <i>endDate</i> | End date in format DDMMYY /6 bytes/ |

Returns

Dictionary with keys:

| | |
|-----------|--------------------------------|
| errorCode | 'P' - pass; 'F' - failed. |
| aA | Information about tax group A. |
| bB | Information about tax group B. |
| cC | Information about tax group C. |
| dD | Information about tax group D. |
| eE | Information about tax group E. |
| fF | Information about tax group F. |
| gG | Information about tax group G. |
| hH | Information about tax group H. |
| dDDMMYY | Date of tax rates set |

1.1.2.73 info_Get_TaxRateValues()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_TaxRateValues (
    string closure1,
    string option )
```

Information for given number for DDS (VAT) set

Parameters

| | |
|-----------------|---|
| <i>closure1</i> | Closure number for given period (1 - 1825) |
| <i>option</i> | '5' - Information for given number for DDS (VAT) set. |

Returns

Dictionary with keys:

| | |
|---------------|---|
| errorCode | 'P' - Command is executed correctly, 'F' - Command is declined. |
| decimalsCount | Decimal point count for Z report record . |
| enabled | Enabled tax rates (1 - enabled). |
| taxRateA | tax rate A in percents. |
| taxRateB | tax rate B in percents. |
| taxRateC | tax rate C in percents. |
| taxRateD | tax rate D in percents. |
| taxRateE | tax rate E in percents. |
| taxRateF | tax rate F in percents. |
| taxRateG | tax rate G in percents. |
| taxRateH | tax rate H in percents. |
| dateTime | Date and time (format: DD-MM-YY hh:mm:ss). |

1.1.2.74 info_Get_TaxTerminalInfo()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_TaxTerminalInfo (
    string option )
```

Get diagnostic information

Parameters

| | |
|---------------|------------------------------------|
| <i>option</i> | '6' - get tax terminal information |
|---------------|------------------------------------|

Returns

Dictionary with keys:

| | |
|------------------|---|
| errorCode | 'P' - pass or 'F' - failed |
| synhronized | Tax terminal state: '1' - synchronized; '0' - not synchronized |
| minutes | Minutes to next attempt for synchronization (0 - 120) |
| napSellXD | Date and time from last confirmed sell document from NAP.(format: DD-MM-YY H↔H:mm:ss) |
| napSellChN | Number of last confirmed sell document from NAP |
| sellForSend | Number of document for sending to NAP |
| sellErrDocNumber | Number of sell document, that has an error sending to NAP |
| sellErrCnt | Count for error documents |
| sellErrCode | Error code received from NAP server, while sending "sellErrDocNumber" |
| zChN | Number of last send to NAP Z report |
| zForSend | Count of Z reports in a queue for sending to NAP |
| zErrDocNumber | Number of Z report, that has an error sending to NAP |
| zErrCnt | Count of attempts to send Z report |
| zErrCode | Error code received from NAP server, while sending "zErrDocNumber" |
| napLastSentDate | Date and time of last connection with NAP |
| napLastErr | Status of last connection with NAP (0 - it was successful) |

1.1.2.75 info_Get_VATSUMS()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Get_VATSUMS (
    string closure1,
    string option,
    string closure2 )
```

Information for DDS (VAT) for given record or period

Parameters

| | |
|-----------------|---|
| <i>closure1</i> | Start closure number of fiscal memory (1-1825) |
| <i>option</i> | '3' - Information for DDS (VAT) for given record or period. |
| <i>closure2</i> | End closure number of fiscal memory (1-1825) |

Returns

Dictionary with keys:

| | |
|---------------|---|
| errorCode | 'P' - Command is executed correctly, 'F' - Command is declined. |
| closureNumber | Closure number for given period. |
| receiptsCount | Decimal point count for Z report record . |
| vATTaxA | Vat (DDS) charged for tax group A. |
| vATTaxB | Vat (DDS) charged for tax group B. |
| vATTaxC | Vat (DDS) charged for tax group C. |
| vATTaxD | Vat (DDS) charged for tax group D. |
| vATTaxE | Vat (DDS) charged for tax group E. |
| vATTaxF | Vat (DDS) charged for tax group F. |
| vATTaxG | Vat (DDS) charged for tax group G. |
| vATTaxH | Vat (DDS) charged for tax group H. |

1.1.2.76 info_Print_Diagnostic_0()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Print_Diagnostic_0 ( )
```

Print diagnostic information

Returns

Dictionary with key:

| | |
|-----------|----------------------------|
| errorCode | 'P' - pass or 'F' - failed |
|-----------|----------------------------|

1.1.2.77 info_Print_Diagnostic_1()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_Print_Diagnostic_1 (
    string option )
```

Print diagnostic information

Parameters

| | |
|--------|--|
| option | '0' - printed receipt contains software date and version, firmware checksum and current date and time. |
|--------|--|

Returns

Dictionary with key:

| | |
|-----------|----------------------------|
| errorCode | 'P' - pass or 'F' - failed |
|-----------|----------------------------|

1.1.2.78 info_Print_Short_FMReportByDTRange()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.info_Print_Short_FMReportByDTRange (
    string fromDate,
    string toDate )
```

Print short fiscal memory report by date and time range

Parameters

| | |
|-----------------|---------------------|
| <i>fromDate</i> | Start date (DDMMYY) |
| <i>toDate</i> | End date (DDMMYY) |

1.1.2.79 info_Print_Short_MonthlyFMReport()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.info_Print_Short_MonthlyFMReport (
    string startValue )
```

Print short fiscal memory report by month

Parameters

| | |
|-------------------|---------------------|
| <i>startValue</i> | month (format: MMY) |
|-------------------|---------------------|

1.1.2.80 info_Print_Short_YearlyFMReport()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.info_Print_Short_YearlyFMReport (
    string startValue )
```

Print short fiscal memory report by year

Parameters

| | |
|-------------------|-------------------|
| <i>startValue</i> | year (format: YY) |
|-------------------|-------------------|

1.1.2.81 info_PrintInfo_GPRS()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_PrintInfo_GPRS (
    string option )
```

Print diagnostic information

Parameters

| | |
|---------------|-----------------|
| <i>option</i> | '1' - GPRS test |
|---------------|-----------------|

Returns

Dictionary with key:

| | |
|------------------|----------------------------|
| errorCode | 'P' - pass or 'F' - failed |
|------------------|----------------------------|

1.1.2.82 info_PrintInfo_TaxTerminal()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_PrintInfo_TaxTerminal (
    string option )
```

Print diagnostic information

Parameters

| | |
|---------------|--|
| <i>option</i> | '5' - print information for tax terminal |
|---------------|--|

Returns

Dictionary with key:

| | |
|------------------|----------------------------|
| errorCode | 'P' - pass or 'F' - failed |
|------------------|----------------------------|

1.1.2.83 info_read_OperatorsInfo()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.info_read_OperatorsInfo (
    string wpOperator,
    string option )
```

Get operator's storno data

Parameters

| | |
|-------------------|------------------------------------|
| <i>wpOperator</i> | Operator's number (1...30) |
| <i>option</i> | '1' - Storno operation information |

Returns

Dictionary with keys:

| | |
|-----------------------|-----------------------------------|
| reversalreceiptsCount | Storno receipts count |
| commonreversalCount | Common reversal count |
| commonreversalSum | Common reversal sum |
| strreturnCount | Storno return count |
| strreturnSum | Storno return sum |
| strerrorCount | Storno "operator's error" count |
| strerrorSum | Storno "operator's error" sum |
| strtaxbaseCount | Storno "tax base reduction" count |
| strtaxbaseSum | Storno "tax base reduction" sum |
| operatorName | Operator's name |
| operatorPassword | Operator's password |

1.1.2.84 items_Delete_All_Items()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.items_Delete_All_Items (
    string dOption,
    string aOption )
```

Deleting all items

Parameters

| | |
|----------------|---------------------|
| <i>dOption</i> | 'D' - Item deleting |
| <i>aOption</i> | 'A' - For all items |

Returns

Dictionary with key:

| | |
|-----------|--|
| errorCode | Possible values: 'P' - pass; 'F' - failed. |
|-----------|--|

1.1.2.85 items_Delete_Item()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.items_Delete_Item (
    string option,
    string targetPLU )
```

Deleting items

Parameters

| | |
|------------------|---|
| <i>option</i> | 'D' - Item deleting |
| <i>targetPLU</i> | PLU of the item that you want to delete |

Returns

Dictionary with key:

| | |
|-----------|--|
| errorCode | Possible values: 'P' - pass; 'F' - failed. |
|-----------|--|

1.1.2.86 items_Delete_ItemsInRange()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.items_Delete_ItemsInRange (
    string option,
    string startPLU,
    string endPLU )
```

Delete items in range

Parameters

| | |
|-----------------|---|
| <i>option</i> | 'D' - Item deleting |
| <i>startPLU</i> | Start PLU of the item that you want to delete |
| <i>endPLU</i> | End PLU of the item that you want to delete |

Returns

Dictionary with key:

| | |
|-----------|--|
| errorCode | Possible values: 'P' - pass; 'F' - failed. |
|-----------|--|

1.1.2.87 items_Get_FirstFoundItem()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.items_Get_FirstFoundItem (
    string option,
    string targetPLU )
```

Get first found item

Parameters

| | |
|------------------|----------------------------|
| <i>option</i> | 'F' - get first found item |
| <i>targetPLU</i> | PLU of item |

Returns

Dictionary with keys:

| | |
|-----------|-----------------------------|
| errorCode | 'P' - pass; 'F' - failed |
| PLU | Item PLU (1 ... 999999999). |

| | |
|-------------|--|
| taxGroup | Tax group. |
| group | Stock group (1 ... 9). |
| singlePrice | Single price with decimal point. |
| total | Total for current item. |
| sold | Sold quantity (3 digits after decimal points). |
| available | Current quantity. |
| itemName | Item name (up to 22 bytes). |

1.1.2.88 items_Get_FirstNotProgrammedItem()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.items_Get_FirstNotProgrammedItem (
    string option,
    string targetPLU )
```

Find the first not programmed item

Parameters

| | |
|------------------|---------------------------------|
| <i>option</i> | 'X' - First not programmed item |
| <i>targetPLU</i> | Item PLU (1 ... 999999999) |

Returns

Dictionary with key:

| | |
|-----|--|
| PLU | Item number for first not programmed item. |
|-----|--|

1.1.2.89 items_Get_FirstSoldItem()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.items_Get_FirstSoldItem (
    string option,
    string targetPLU )
```

Get first found item with non-zero sales

Parameters

| | |
|------------------|--------------------------------------|
| <i>option</i> | 'f' - First item with non-zero sales |
| <i>targetPLU</i> | Item PLU (1 ... 999999999) |

Returns

Dictionary with keys:

| | |
|-------------|--|
| errorCode | 'P' - pass; 'F' - failed |
| PLU | Item PLU (1 ... 999999999). |
| taxGroup | Tax group. |
| group | Stock group (1 ... 9). |
| singlePrice | Single price with decimal point. |
| total | Total for current item. |
| sold | Sold quantity (3 digits after decimal points). |
| available | Current quantity. |
| itemName | Item name (up to 22 bytes). |

1.1.2.90 items_Get_Item()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.items_Get_Item (
    string option,
    string targetPLU )
```

Get item

Parameters

| | |
|------------------|---------------------------------------|
| <i>option</i> | 'R' - read item |
| <i>targetPLU</i> | PLU of the item that you want to read |

Returns

Dictionary with keys:

| | |
|-------------|--|
| errorCode | 'P' - pass; 'F' - failed |
| PLU | Item PLU (1 ... 999999999). |
| taxGroup | Tax group. |
| group | Stock group (1 ... 9). |
| singlePrice | Single price with decimal point. |
| total | Total for current item. |
| sold | Sold quantity (3 digits after decimal points). |
| available | Current quantity. |
| itemName | Item name (up to 22 bytes). |

1.1.2.91 items_Get_ItemsInformation()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.items_Get_ItemsInformation (
    string option )
```

Get item information

Parameters

| | |
|---------------|------------------------|
| <i>option</i> | 'I' - Item information |
|---------------|------------------------|

Returns

Dictionary with keys:

| | |
|-----------|------------------------------------|
| errorCode | 'P' - pass, 'F' - failed. |
| total | Total number of programmable PLUs. |
| prog | Number of programmed PLUs. |
| len | Maximum PLU name length. |

1.1.2.92 items_Get_LastFoundItem()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.items_Get_LastFoundItem (
    string option,
    string targetPLU )
```

Get last found item

Parameters

| | |
|------------------|-----------------------|
| <i>option</i> | 'L' - last found item |
| <i>targetPLU</i> | PLU of item |

Returns

Dictionary with keys:

| | |
|-------------|--|
| errorCode | 'P' - pass; 'F' - failed |
| PLU | Item PLU (1 ... 999999999). |
| taxGroup | Tax group. |
| group | Stock group (1 ... 9). |
| singlePrice | Single price with decimal point. |
| total | Total for current item. |
| sold | Sold quantity (3 digits after decimal points). |
| available | Current quantity. |
| itemName | Item name (up to 22 bytes). |

1.1.2.93 items_Get_LastNotProgrammedItem()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.items_Get_LastNotProgrammedItem (
    string option,
    string targetPLU )
```

Find the last not programmed item

Parameters

| | |
|------------------|--------------------------------|
| <i>option</i> | 'x' - last not programmed item |
| <i>targetPLU</i> | Item PLU (1 ... 999999999) |

Returns

Dictionary with key:

| | |
|-----|--|
| PLU | Item number for first not programmed item. |
|-----|--|

1.1.2.94 items_Get_LastSoldItem()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.items_Get_LastSoldItem (
    string option,
    string targetPLU )
```

Get last sold item

Parameters

| | |
|------------------|----------------------------|
| <i>option</i> | 'I' - Last sold item |
| <i>targetPLU</i> | Item PLU (1 ... 999999999) |

Returns

Dictionary with keys:

| | |
|-------------|--|
| errorCode | 'P' - pass; 'F' - failed |
| PLU | Item PLU (1 ... 999999999). |
| taxGroup | Tax group. |
| group | Stock group (1 ... 9). |
| singlePrice | Single price with decimal point. |
| total | Total for current item. |
| sold | Sold quantity (3 digits after decimal points). |
| available | Current quantity. |
| itemName | Item name (up to 22 bytes). |

1.1.2.95 items_Get_NextItem()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.items_Get_NextItem (
    string option )
```

Get next item

Parameters

| | |
|---------------|---------------------|
| <i>option</i> | 'N' - for next item |
|---------------|---------------------|

Returns

Dictionary with keys:

| | |
|-------------|--|
| errorCode | 'P' - pass; 'F' - failed |
| PLU | Item PLU (1 ... 999999999). |
| taxGroup | Tax group. |
| group | Stock group (1 ... 9). |
| singlePrice | Single price with decimal point. |
| total | Total for current item. |
| sold | Sold quantity (3 digits after decimal points). |
| available | Current quantity. |
| itemName | Item name (up to 22 bytes). |

1.1.2.96 items_Get_NextSoldItem()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.items_Get_NextSoldItem (
    string option,
    string targetPLU )
```

Returns data for the next found item with non-zero sell

Parameters

| | |
|------------------|------------------------------------|
| <i>option</i> | 'n' - next item with non-zero sell |
| <i>targetPLU</i> | Item PLU (1 ... 999999999) |

Returns

Dictionary with keys:

| | |
|-------------|--|
| errorCode | 'P' - pass; 'F' - failed |
| PLU | Item PLU (1 ... 999999999). |
| taxGroup | Tax group. |
| group | Stock group (1 ... 9). |
| singlePrice | Single price with decimal point. |
| total | Total for current item. |
| sold | Sold quantity (3 digits after decimal points). |
| available | Current quantity. |
| itemName | Item name (up to 22 bytes). |

1.1.2.97 items_Set_Item()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.items_Set_Item (
    string option,
    string taxGroup,
    string targetPLU,
    string group,
    string singlePrice,
    string quantity,
    string itemName )
```

Program a PLU

Parameters

| | |
|--------------------|---|
| <i>option</i> | 'P' - Program a PLU |
| <i>taxGroup</i> | Tax group (",";",";...) |
| <i>targetPLU</i> | Item number (1 ... 999999999) |
| <i>group</i> | Stock group (1...9) |
| <i>singlePrice</i> | Single price (up to 8 digits) |
| <i>quantity</i> | Quantity, number with 3 digits, after the decimal point |
| <i>itemName</i> | Item name (up to 22 bytes) |

Returns

Dictionary with key:

| | |
|-----------|--|
| errorCode | Possible values: 'P' - pass; 'F' - failed. |
|-----------|--|

1.1.2.98 items_Set_ItemQuantity()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.items_Set_ItemQuantity (
    string option,
    string targetPLU,
    string quantity )
```

Change of the available quantity for item

Parameters

| | |
|------------------|---|
| <i>option</i> | 'A' - Change of the available quantity for item |
| <i>targetPLU</i> | Item number (For ECRs 1...100000; For FPs 1...3000) |
| <i>quantity</i> | Stock quantity (0.001...99999.999) |

Returns

Dictionary with key:

| | |
|-----------|--|
| errorCode | Possible values: 'P' - pass; 'F' - failed. |
|-----------|--|

1.1.2.99 items_Set_ItemWithReplace()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.items_Set_ItemWithReplace (
    string option,
    string taxGroup,
    string targetPLU,
    string group,
    string singlePrice,
    string replace,
    string quantity,
    string itemName )
```

Program a PLU with replace

Parameters

| | |
|--------------------|---|
| <i>option</i> | 'P' - Program a PLU |
| <i>taxGroup</i> | Tax group (',' ',' ...) |
| <i>targetPLU</i> | Item number (1 ... 999999999) |
| <i>group</i> | Stock group (1...9) |
| <i>singlePrice</i> | Single price (up to 8 digits) |
| <i>replace</i> | Parameter with value: 'A' |
| <i>quantity</i> | Quantity, number with 3 digits, after the decimal point |
| <i>itemName</i> | Item name (up to 22 bytes) |

Returns

Dictionary with key:

| | |
|-----------|--|
| errorCode | Possible values: 'P' - pass; 'F' - failed. |
|-----------|--|

1.1.2.100 klen_FindRange_ByDateTime()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.klen_FindRange_ByDateTime (
    string option,
    string documentType,
    string fromDateTime,
    string toDateTime )
```

Find range by date and time

Parameters

| | |
|---------------------|---|
| <i>option</i> | 'D' - Search in EJ by date and time |
| <i>documentType</i> | Document type: '0' - All documents; '1' - Fiscal receipts(all fiscal receipts, sells, storno, invoice, storno invoice,daily Z report); '2' - Daily Z report; '3' - Cash in/out; '4' - Daily X report; '5' - Non fiscal receipts; '6' - Invoices; '7' - Storno fiscal receipts; '8' - Storno invoices. |

Parameters

| | |
|---------------------|--|
| <i>fromDateTime</i> | Start date and time (format: DDMMYY[hhmmss]) |
| <i>toDateTime</i> | End date and time (format: DDMMYY[hhmmss]) |

Returns

Dictionary with keys:

| | |
|----------------------------|---|
| <i>errorCode</i> | 'P' - Command is executed correctly, 'F' - Command is declined. |
| <i>firstDocumentNumber</i> | Number of first found document (1 - 9999999). |
| <i>lastDocumentNumber</i> | Number of last found document (1 - 9999999). |

1.1.2.101 klen_FindRange_ByZReports()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.klen_FindRange_ByZReports (
    string option,
    string documentType,
    string startNumber,
    string endNumber )
```

Find range by Z reports

Parameters

| | |
|---------------------|--|
| <i>option</i> | 'Z' - find range by Z reports |
| <i>documentType</i> | Document type: '0' - All documents; '1' - Fiscal receipts(all fiscal receipts, sells, storno, invoice, storno invoice,daily Z report) '2' - Daily Z report; '3' - Cash in/out; '4' - Daily X report; '5' - Non fiscal receipts; '6' - Invoices;'7' - Storno fiscal receipts. '8' - Storno invoices. |
| <i>startNumber</i> | Start number of Z reports (1 - 1825) |
| <i>endNumber</i> | End number of Z reports (1 - 1825) |

Returns

Dictionary with keys:

| | |
|----------------------------|---|
| <i>errorCode</i> | 'P' - Command is executed correctly, 'F' - Command is declined. |
| <i>firstDocumentNumber</i> | Number of first found document (1 - 9999999). |
| <i>lastDocumentNumber</i> | Number of last found document (1 - 9999999). |

1.1.2.102 klen_Get_Data()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.klen_Get_Data (
    string option )
```


Read next line structured information

Parameters

| | |
|---------------|--|
| <i>option</i> | '2' - Read next line structured information. |
|---------------|--|

Returns

Dictionary with keys:

| | |
|---------|---|
| fAnswer | 'P' - Command is executed correctly, 'F' - Command is declined. |
| fData | One row binary data, base64 encoding(128 symbols) |

1.1.2.103 klen_Get_Info()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.klen_Get_Info (
    string option )
```

Get information

Parameters

| | |
|---------------|------------------------------|
| <i>option</i> | 'I' - Get information for EJ |
|---------------|------------------------------|

Returns

Dictionary with keys:

| | |
|---------------------|---|
| errorCode | 'P' - Command is executed correctly, 'F' - Command is declined. |
| isValid | Is SD card contains a valid EJ.Possible values: (0 - No, 1 - yes) |
| isCurrent | If SD EJ is current (value 1) for device or not(value - 0). |
| idNumber | serial number of the device (8 symbols - 2 alphabets and 6 digits). |
| klenNumber | EJ number for rhe device (0...100). |
| activationDT | Activation date and time (format: DD.MM.YYYY hh:mm:ss). |
| sdSerialNumber | SD card serial number (8 symbols). |
| firstZReportNumber | First Z report in this EJ (1...1825) |
| lastZReportNumber | Last Z report in this EJ (1 - 1825). |
| firstDocumentNumber | First document number in EJ. |
| lastDocumentNumber | Last document number in EJ. |
| sizeTotal | EJ size (SD card) in MBytes.Number up to 4000 |
| sizeUsed | Used bytes in EJ (SD card) in MBytes.Number up to 4000 |

1.1.2.104 klen_Get_NextTextRow()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.klen_Get_NextTextRow (
    string subcommand01 )
```

Reading next line electronic journal (EJ) text

Parameters

| | |
|---------------------|----------------------------|
| <i>subcommand01</i> | 'N' - Read next line of EJ |
|---------------------|----------------------------|

Returns

Dictionary with keys:

| | |
|---------|---|
| fAnswer | 'P' - Command is executed correctly, 'F' - Command is declined. |
| fRow | Text line from EJ reading. |

1.1.2.105 klen_Get_StructData()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.klen_Get_StructData (
    string option )
```

Reading next line text/structured information

Parameters

| | |
|---------------|---|
| <i>option</i> | '4' - Reading next line text/structured information |
|---------------|---|

Returns

Dictionary with keys:

| | |
|---------|---|
| fAnswer | 'P' - Command is executed correctly, 'F' - Command is declined. |
| fType | Data type: '1' - Text line (data - 42 ascii symbols); '2' - Data line (data base64 128 symbols) |
| fData | One row data/text |

1.1.2.106 klen_Get_TextRow()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.klen_Get_TextRow (
    string option )
```

Get text row

Parameters

| | |
|---------------|--------------------|
| <i>option</i> | '1' - get text row |
|---------------|--------------------|

Returns

Dictionary with keys:

| | |
|----------|---|
| fAnswer | 'P' - Command is executed correctly, 'F' - Command is declined. |
| fTextRow | Text row (42 ascii symbols) |

1.1.2.107 klen_Prepare_Document()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.klen_Prepare_Document (
    string option,
    string inDocNumber,
    string inDocType )
```

Prepare document for reading

Parameters

| | |
|--------------------|--|
| <i>option</i> | '0' - Prepare document for reading |
| <i>inDocNumber</i> | Number of document for reading |
| <i>inDocType</i> | Document type: '0' - All documents; '1' - Fiscal receipts(all fiscal receipts, sells, storno, invoice, storno invoice,daily Z report) '2' - Daily Z report; '3' - Cash in/out; '4' - Daily X report; '5' - Non fiscal receipts; '6' - Invoices;'7' - Storno fiscal receipts. '8' - Storno invoices. |

Returns

Dictionary with keys:

| | |
|----------------|--|
| errorCode | 'P' - Command is executed correctly, 'F' - Command is declined. |
| documentNumber | Document number |
| documentDate | Document date and time. |
| documentType | Document type: '1' - All documents; '2' - Fiscal receipts(all fiscal receipts, sells, storno, invoice, storno invoice,daily Z report) '3' - Daily Z report; '4' - Cash in/out; '5' - Daily X report; '6' - Non fiscal receipts; '7' - Invoices;'8' - Storno fiscal receipts. '9' - Storno invoices. |
| zreportNumber | Z report number. |

1.1.2.108 klen_Prepare_DocumentInRange()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.klen_Prepare_DocumentInRange (
    string option,
    string inFromDocNumber,
    string inDocType,
    string inToDocNumber )
```

Prepare document in range

Parameters

| | |
|------------------------|--|
| <i>option</i> | '0' - Prepare document for reading |
| <i>inFromDocNumber</i> | First number of document for reading |
| <i>inDocType</i> | Document type: '0' - All documents; '1' - Fiscal receipts(all fiscal receipts, sells, storno, invoice, storno invoice,daily Z report) '2' - Daily Z report; '3' - Cash in/out; '4' - Daily X report; '5' - Non fiscal receipts; '6' - Invoices;'7' - Storno fiscal receipts. '8' - Storno invoices. |
| <i>inToDocNumber</i> | Last number of document for reading |

Returns

Dictionary with keys:

| | |
|-----------------------|--|
| <i>errorCode</i> | 'P' - Command is executed correctly, 'F' - Command is declined. |
| <i>documentNumber</i> | Document number |
| <i>documentDate</i> | Document date and time. |
| <i>documentType</i> | Document type: '1' - All documents; '2' - Fiscal receipts(all fiscal receipts, sells, storno, invoice, storno invoice,daily Z report) '3' - Daily Z report; '4' - Cash in/out; '5' - Daily X report; '6' - Non fiscal receipts; '7' - Invoices;'8' - Storno fiscal receipts. '9' - Storno invoices. |
| <i>zreportNumber</i> | Z report number. |

1.1.2.109 klen_Print_Document()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.klen_Print_Document (
    string option,
    string inDocNumber,
    string inDocType )
```

Print document

Parameters

| | |
|--------------------|--|
| <i>option</i> | '3' - print document |
| <i>inDocNumber</i> | Number of document for reading |
| <i>inDocType</i> | Document type: '0' - All documents; '1' - Fiscal receipts(all fiscal receipts, sells, storno, invoice, storno invoice,daily Z report) '2' - Daily Z report; '3' - Cash in/out; '4' - Daily X report; '5' - Non fiscal receipts; '6' - Invoices;'7' - Storno fiscal receipts. '8' - Storno invoices. |

Returns

Dictionary with keys:

| | |
|-----------------------|---|
| <i>errorCode</i> | 'P' - Command is executed correctly, 'F' - Command is declined. |
| <i>documentNumber</i> | Document number |
| <i>documentDate</i> | Document date and time. |

| | |
|---------------|--|
| documentType | Document type: '1' - All documents; '2' - Fiscal receipts(all fiscal receipts, sells, storno, invoice, storno invoice,daily Z report) '3' - Daily Z report; '4' - Cash in/out; '5' - Daily X report; '6' - Non fiscal receipts; '7' - Invoices;'8' - Storno fiscal receipts. '9' - Storno invoices. |
| zreportNumber | Z report number. |

1.1.2.110 klen_Set_DocsRange_ByDateTime()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.klen_Set_DocsRange_ByDateTime (
    string subcommand01,
    string documentType,
    string fromDateTime,
    string toDateTime )
```

Reading electronic journal (EJ) by date and time

Parameters

| | |
|---------------------|--|
| <i>subcommand01</i> | 'R' - EJ read |
| <i>documentType</i> | 'A' - document type (ALL documets) |
| <i>fromDateTime</i> | Start date and time (format: DDMMYY[hhmmss]) |
| <i>toDateTime</i> | End date and time (format: DDMMYY[hhmmss]) |

Returns

Dictionary with keys:

| | |
|---------|---|
| fAnswer | 'P' - Command is executed correctly, 'F' - Command is declined. |
| fRow | Text from first line from EJ reading. |

1.1.2.111 open_StornoReceipt()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.open_StornoReceipt (
    string operatorNumber,
    string operatorPassword,
    string stornoUNP,
    string tillNumber,
    string stornoType,
    string stornoDocumentNumber,
    string stornoDateTime,
    string stornoFMNumber,
    string invoice,
    string invoiceNumber,
    string stornoReason )
```

Open storno receipt

Parameters

| | |
|-----------------------------|--|
| <i>operatorNumber</i> | Operator code (1...30) |
| <i>operatorPassword</i> | Operator password up to 8 symbols |
| <i>stornoUNP</i> | UNP - 21 symbols: format - CCCCCCCC-CCCC-DDDDDDDD: [0-9A-Za-z]{8}-[0-9A-Za-z]{4}-[0-9]{7}) |
| <i>tillNumber</i> | Till number (1-99999) |
| <i>stornoType</i> | Reason for storno: 0 - operator's error; 1 - refund. |
| <i>stornoDocumentNumber</i> | Number of the original document (global 1...9999999) |
| <i>stornoDateTime</i> | Document date and time (format: ddMMYYHHmm or ddMMYYHHmmss) |
| <i>stornoFMNumber</i> | Fiscal memory number for the storno document (8 symbols) |
| <i>invoice</i> | If it is storno invoice - enter parameter "I" |
| <i>invoiceNumber</i> | Invoice number (1 - 9999999999). |
| <i>stornoReason</i> | Additional reason up to 42 symbols. |

1.1.2.112 other_Sound_Signal()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.other_Sound_Signal (
    string hz,
    string mSec )
```

Play sound

Parameters

| | |
|-------------|----------------------------------|
| <i>hz</i> | Frequency (100...5000) |
| <i>mSec</i> | Time in milliseconds (50...2000) |

1.1.2.113 receipt_CashIn_CashOut()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_CashIn_CashOut (
    string amount )
```

Cash in/out

Parameters

| | |
|---------------|---|
| <i>amount</i> | Sum (up to 10 digits). Depending on the sign it is considered as cash in/cash out operation |
|---------------|---|

Returns

Dictionary with keys:

| | |
|-----------|--|
| errorCode | 'P' - Command is executed correctly, if sum is non-zero, fiscal device prints non-fiscal receipt for the operation. 'F' - Command is declined. If available cash is smaller than cash in sum or if there is open fiscal or non-fiscal receipt. |
| cashSum | Available cash. This sum increases also from every payment. |
| servIn | Sum from cash in information. |
| servOut | Sum from cash out information. |

1.1.2.114 receipt_Current_Info()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Current_Info ( )
```

Information of current receipt

Returns

Dictionary with keys:

| | |
|--------------|---|
| errorCode | 'P' - Command is executed correctly, 'F' - Command is declined. Error while reading the last record. |
| canVd | Is it possible refund. |
| taxA | Accumulated sum from tax group A. |
| taxB | Accumulated sum from tax group B. |
| taxC | Accumulated sum from tax group B. |
| taxD | Accumulated sum from tax group B. |
| taxE | Accumulated sum from tax group B. |
| taxF | Accumulated sum from tax group B. |
| taxG | Accumulated sum from tax group B. |
| taxH | Accumulated sum from tax group B. |
| inv | Is it open invoice? '0' - no, '1' - yes. |
| invNumber | Invoice number (up to 10 digits). |
| fReceiptType | Receipt type: '0' - fiscal; '1' - Strono operator's error; '2' - Storno refund; '3' - Storno tax base reduction |

1.1.2.115 receipt_DisplayDepPLU_Sale()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DisplayDepPLU_Sale (
    string dChar,
    string targetPLU,
    string department,
    string quantity )
```

Registering the sale of a programmed item

Parameters

| | |
|-------------------|---|
| <i>dChar</i> | parameter "D" to display the sell on external display |
| <i>targetPLU</i> | The code of the item. From 1 to 999999999 |
| <i>department</i> | Department (1...9) |
| <i>quantity</i> | Quantity of the product (default: 1.000); Format: 3 decimals; up to *999999.999 |

1.1.2.116 receipt_DisplayDepPLU_Sale_CByPercent()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DisplayDepPLU_Sale_CByPercent (
    string dChar,
    string targetPLU,
    string department,
    string quantity,
    string percent )
```

Registering the sale of a programmed item

Parameters

| | |
|-------------------|---|
| <i>dChar</i> | parameter "D" to display the sell on external display |
| <i>targetPLU</i> | The code of the item. From 1 to 999999999 |
| <i>department</i> | Department (1...9) |
| <i>quantity</i> | Quantity of the product (default: 1.000); Format: 3 decimals; up to *999999.999 |
| <i>percent</i> | Discount/ surcharge by percent (depends on the sign) |

1.1.2.117 receipt_DisplayDepPLU_Sale_CBySum()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DisplayDepPLU_Sale_CBySum (
    string dChar,
    string targetPLU,
    string department,
    string quantity,
    string abs )
```

Registering the sale of a programmed item

Parameters

| | |
|-------------------|---|
| <i>dChar</i> | parameter "D" to display the sell on external display |
| <i>targetPLU</i> | The code of the item. From 1 to 999999999 |
| <i>department</i> | Department (1...9) |
| <i>quantity</i> | Quantity of the product (default: 1.000); Format: 3 decimals; up to *999999.999 |
| <i>abs</i> | Discount/ surcharge sum (depends on the sign) |

1.1.2.118 receipt_DisplayDSale()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DisplayDSale (
    string textRow,
    string department,
    string singlePrice,
    string quantity )
```

Registration of a sale and display

Parameters

| | |
|--------------------|---|
| <i>textRow</i> | Text up to 22 bytes |
| <i>department</i> | Department (1...9) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |

1.1.2.119 receipt_DisplayDSale_CByPercent()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DisplayDSale_CByPercent (
    string textRow,
    string department,
    string singlePrice,
    string quantity,
    string percent )
```

Registration of a sale and display by department and discount/surcharge by percent

Parameters

| | |
|--------------------|--|
| <i>textRow</i> | Text up to 22 bytes |
| <i>department</i> | Department (1...9) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>percent</i> | Discount/ surcharge by percent (depends on the sign) |

1.1.2.120 receipt_DisplayDSale_CBySum()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DisplayDSale_CBySum (
    string textRow,
    string department,
    string singlePrice,
```

```
string quantity,
string abs )
```

Registration of a sale and display by department and discount/surcharge by percent

Parameters

| | |
|--------------------|---|
| <i>textRow</i> | Text up to 22 bytes |
| <i>department</i> | Department (1...9) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>abs</i> | Discount/ surcharge sum (depends on the sign) |

1.1.2.121 receipt_DisplayDSale_Minimum()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DisplayDSale_Minimum (
    string textRow,
    string department,
    string singlePrice )
```

Registration of a sale and display by department

Parameters

| | |
|--------------------|-----------------------------|
| <i>textRow</i> | Text up to 22 bytes |
| <i>department</i> | Department (1...9) |
| <i>singlePrice</i> | Single price up to 8 digits |

1.1.2.122 receipt_DisplayPLUSale()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DisplayPLUSale (
    string dChar,
    string targetPLU,
    string quantity )
```

Registering the sale of a programmed item

Parameters

| | |
|------------------|---|
| <i>dChar</i> | parameter "D" to display the sell on external display |
| <i>targetPLU</i> | The code of the item. From 1 to 999999999 |
| <i>quantity</i> | Quantity of the product (default: 1.000); Format: 3 decimals; up to *999999.999 |

1.1.2.123 receipt_DisplayPLUSale_CByPercent()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DisplayPLUSale_CByPercent (
    string dChar,
    string targetPLU,
    string quantity,
    string percent )
```

Registering the sale of a programmed item with discount/surcharge by percents.

Parameters

| | |
|------------------|---|
| <i>dChar</i> | parameter "D" to display the sell on external display |
| <i>targetPLU</i> | The code of the item. From 1 to 999999999 |
| <i>quantity</i> | Quantity of the product (default: 1.000); Format: 3 decimals; up to *999999.999 |
| <i>percent</i> | Discount/ surcharge by percent (depends on the sign) |

1.1.2.124 receipt_DisplayPLUSale_CBySum()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DisplayPLUSale_CBySum (
    string dChar,
    string targetPLU,
    string quantity,
    string abs )
```

Registering the sale of a programmed item with discount/surcharge by sum.

Parameters

| | |
|------------------|---|
| <i>dChar</i> | parameter "D" to display the sell on external display |
| <i>targetPLU</i> | The code of the item. From 1 to 999999999 |
| <i>quantity</i> | Quantity of the product (default: 1.000); Format: 3 decimals; up to *999999.999 |
| <i>abs</i> | Discount/ surcharge sum (depends on the sign) |

1.1.2.125 receipt_DisplaySale()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DisplaySale (
    string textRow,
    string taxGroup,
    string singlePrice,
    string quantity )
```

Registration of a sale and display

Parameters

| | |
|--------------------|---|
| <i>textRow</i> | Text up to 22 bytes |
| <i>taxGroup</i> | Tax group (A,, ...) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |

1.1.2.126 receipt_DisplaySale_CByPercent()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DisplaySale_CByPercent (
    string textRow,
    string taxGroup,
    string singlePrice,
    string quantity,
    string percent )
```

Registration of a sale and display with percent

Parameters

| | |
|--------------------|--|
| <i>textRow</i> | Text up to 22 bytes |
| <i>taxGroup</i> | Tax group (A,, ...) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>percent</i> | Discount/ surcharge by percent (depends on the sign) |

1.1.2.127 receipt_DisplaySale_CBySum()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DisplaySale_CBySum (
    string textRow,
    string taxGroup,
    string singlePrice,
    string quantity,
    string abs )
```

Registration of a sale and display with sum

Parameters

| | |
|--------------------|---|
| <i>textRow</i> | Text up to 22 bytes |
| <i>taxGroup</i> | Tax group (A,, ...) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>abs</i> | Discount/ surcharge sum (depends on the sign) |

1.1.2.128 receipt_DisplaySale_Minimum()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DisplaySale_Minimum (
    string textRow,
    string taxGroup,
    string singlePrice )
```

Registration of a sale and display

Parameters

| | |
|--------------------|-----------------------------|
| <i>textRow</i> | Text up to 22 bytes |
| <i>taxGroup</i> | Tax group (A,, ...) |
| <i>singlePrice</i> | Single price up to 8 digits |

1.1.2.129 receipt_Drawer_KickOut()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Drawer_KickOut (
    string mSec )
```

Drawer opening

Parameters

| | |
|-------------|--|
| <i>mSec</i> | The length of the impulse in milliseconds. (5...100) |
|-------------|--|

1.1.2.130 receipt_DSale()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DSale (
    string textRow1,
    string textRow2,
    string department,
    string singlePrice,
    string quantity )
```

Registration of a sale with department

Parameters

| | |
|--------------------|---|
| <i>textRow1</i> | Text up to 22 bytes |
| <i>textRow2</i> | Text up to 22 bytes |
| <i>department</i> | Department number (1 ...9) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |

1.1.2.131 receipt_DSale_CByPercent()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DSale_CByPercent (
    string textRow1,
    string textRow2,
    string department,
    string singlePrice,
    string quantity,
    string percent )
```

Registration of a sale with department and discount/surcharge by percent

Parameters

| | |
|--------------------|--|
| <i>textRow1</i> | Text up to 22 bytes |
| <i>textRow2</i> | Text up to 22 bytes |
| <i>department</i> | Department number (1 ...9) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>percent</i> | Discount/ surcharge by percent (depends on the sign) |

1.1.2.132 receipt_DSale_CByPercentWText()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DSale_CByPercentWText (
    string department,
    string singlePrice,
    string quantity,
    string percent )
```

Registration of a sale with department and discount/surcharge by percent

Parameters

| | |
|--------------------|--|
| <i>department</i> | Department number (1 ...9) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>percent</i> | Discount/ surcharge by percent (depends on the sign) |

1.1.2.133 receipt_DSale_CBySum()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DSale_CBySum (
    string textRow1,
```



```

    string textRow2,
    string department,
    string singlePrice,
    string quantity,
    string abs )

```

Registration of a sale with department and discount/surcharge by sum

Parameters

| | |
|--------------------|---|
| <i>textRow1</i> | Text up to 22 bytes |
| <i>textRow2</i> | Text up to 22 bytes |
| <i>department</i> | Department number (1 ...9) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>abs</i> | Discount/ surcharge sum (depends on the sign) |

1.1.2.134 receipt_DSale_CBySumWText()

```

void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DSale_CBySumWText (
    string department,
    string singlePrice,
    string quantity,
    string abs )

```

Registration of a sale with department and discount/surcharge by sum

Parameters

| | |
|--------------------|---|
| <i>department</i> | Department number (1 ...9) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>abs</i> | Discount/ surcharge sum (depends on the sign) |

1.1.2.135 receipt_DSale_Minimum()

```

void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DSale_Minimum (
    string department,
    string singlePrice )

```

Registration of a sale with department minimum

Parameters

| | |
|--------------------|-----------------------------|
| <i>department</i> | Department number (1 ...9) |
| <i>singlePrice</i> | Single price up to 8 digits |

1.1.2.136 receipt_DSale_TextRow1()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DSale_TextRow1 (
    string textRow1,
    string department,
    string singlePrice,
    string quantity )
```

Registration of a sale with department

Parameters

| | |
|--------------------|---|
| <i>textRow1</i> | Text up to 22 bytes |
| <i>department</i> | Department number (1 ...9) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |

1.1.2.137 receipt_DSale_TextRow1CByPercent()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DSale_TextRow1CByPercent (
    string textRow1,
    string department,
    string singlePrice,
    string quantity,
    string percent )
```

Registration of a sale with department and discount/surcharge by percent

Parameters

| | |
|--------------------|--|
| <i>textRow1</i> | Text up to 22 bytes |
| <i>department</i> | Department number (1 ...9) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>percent</i> | Discount/ surcharge by percent (depends on the sign) |

1.1.2.138 receipt_DSale_TextRow1CBySum()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DSale_TextRow1CBySum (
    string textRow1,
    string department,
    string singlePrice,
```

```
string quantity,
string abs )
```

Registration of a sale with department and discount/surcharge by sum

Parameters

| | |
|--------------------|---|
| <i>textRow1</i> | Text up to 22 bytes |
| <i>department</i> | Department number (1 ...9) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>abs</i> | Discount/ surcharge sum (depends on the sign) |

1.1.2.139 receipt_DSale_TextRow2()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DSale_TextRow2 (
    string textRow2,
    string department,
    string singlePrice,
    string quantity )
```

Registration of a sale with department

Parameters

| | |
|--------------------|---|
| <i>textRow2</i> | Text up to 22 bytes |
| <i>department</i> | Department number (1 ...9) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |

1.1.2.140 receipt_DSale_TextRow2CByPercent()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DSale_TextRow2CByPercent (
    string textRow2,
    string department,
    string singlePrice,
    string quantity,
    string percent )
```

Registration of a sale with department and discount/surcharge by percent

Parameters

| | |
|--------------------|--|
| <i>textRow2</i> | Text up to 22 bytes |
| <i>department</i> | Department number (1 ...9) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>percent</i> | Discount/ surcharge by percent (depends on the sign) |

1.1.2.141 receipt_DSale_TextRow2CBySum()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_DSale_TextRow2CBySum (
    string textRow2,
    string department,
    string singlePrice,
    string quantity,
    string abs )
```

Registration of a sale with department and discount/surcharge by sum

Parameters

| | |
|--------------------|---|
| <i>textRow2</i> | Text up to 22 bytes |
| <i>department</i> | Department number (1 ...9) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>abs</i> | Discount/ surcharge sum (depends on the sign) |

1.1.2.142 receipt_Fiscal_Cancel()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Fiscal_Cancel ( )
```

Cancel fiscal receipt

1.1.2.143 receipt_Fiscal_Close()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Fiscal_Close ( )
```

Close fiscal receipt

Returns

Dictionary with keys:

| | |
|--------------------|---|
| allReceiptCount | All executed receipts count(fiscal and non-fiscal) since last Z report (4 bytes). |
| stornoReceiptCount | All executed storno receipts count since last Z report (4 bytes). |

1.1.2.144 receipt_Fiscal_Open()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Fiscal_Open (
```

```

string operatorNumber,
string operatorPassword,
string uNP,
string tillNumber )

```

Open fiscal receipt with UNP

Parameters

| | |
|-------------------------|--|
| <i>operatorNumber</i> | Operator code (1...30) |
| <i>operatorPassword</i> | Operator password up to 8 symbols |
| <i>uNP</i> | UNP - 21 symbols: format - CCCCCCCC-CCCC-DDDDDDDD: [0-9A-Za-z]{8}-[0-9A-Za-z]{4}-[0-9]{7}) |
| <i>tillNumber</i> | Till number (1-99999) |

Returns

Dictionary with keys:

| | |
|--------------------|---|
| allReceiptCount | All executed receipts count(fiscal and non-fiscal) since last Z report (4 bytes). |
| stornoReceiptCount | All executed storno receipts count since last Z report (4 bytes). |

1.1.2.145 receipt_Fiscal_Text()

```

void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Fiscal_Text (
    string inputText )

```

Print of free fiscal text

Parameters

| | |
|------------------|---------------------|
| <i>inputText</i> | Text up to 36 bytes |
|------------------|---------------------|

1.1.2.146 receipt_FiscalOpen_B01()

```

Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_FiscalOpen_B01 (
    string operatorNumber,
    string operatorPassword,
    string tillNumber )

```

Open fiscal receipt

Parameters

| | |
|-------------------------|-----------------------------------|
| <i>operatorNumber</i> | Operator code (1...30) |
| <i>operatorPassword</i> | Operator password up to 8 symbols |
| <i>tillNumber</i> | Till number (1-99999) |

Returns

Dictionary with keys:

| | |
|---------------------------------|---|
| <code>allReceiptCount</code> | All executed receipts count(fiscal and non-fiscal) since last Z report (4 bytes). |
| <code>stornoReceiptCount</code> | All executed storno receipts count since last Z report (4 bytes). |

1.1.2.147 receipt_FiscalOpen_B02()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_FiscalOpen_B02 (
    string operatorNumber,
    string operatorPassword,
    string tillNumber,
    string invoice )
```

Open Invoice**Parameters**

| | |
|-------------------------------|-----------------------------------|
| <code>operatorNumber</code> | Operator code (1...30) |
| <code>operatorPassword</code> | Operator password up to 8 symbols |
| <code>tillNumber</code> | Till number (1-99999) |
| <code>invoice</code> | parameter "I" - for Invoice |

Returns

Dictionary with keys:

| | |
|---------------------------------|---|
| <code>allReceiptCount</code> | All executed receipts count(fiscal and non-fiscal) since last Z report (4 bytes). |
| <code>stornoReceiptCount</code> | All executed storno receipts count since last Z report (4 bytes). |

1.1.2.148 receipt_FiscalOpen_B03()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_FiscalOpen_B03 (
    string operatorNumber,
    string operatorPassword,
    string uNP,
    string tillNumber )
```

Open fiscal receipt with UNP**Parameters**

| | |
|-------------------------------|--|
| <code>operatorNumber</code> | Operator code (1...30) |
| <code>operatorPassword</code> | Operator password up to 8 symbols |
| <code>uNP</code> | UNP - 21 symbols: format - CCCCCCCC-CCCC-DDDDDDDD: [0-9A-Za-z]{8}-[0-9A-Za-z]{4}-[0-9]{7}) |
| <code>tillNumber</code> | Till number (1-99999) |

Returns

Dictionary with keys:

| | |
|---------------------------------|---|
| <code>allReceiptCount</code> | All executed receipts count(fiscal and non-fiscal) since last Z report (4 bytes). |
| <code>stornoReceiptCount</code> | All executed storno receipts count since last Z report (4 bytes). |

1.1.2.149 receipt_FiscalOpen_B04()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_FiscalOpen_B04 (
    string operatorNumber,
    string operatorPassword,
    string uNP,
    string tillNumber,
    string invoice )
```

Open invoice with UNP

Parameters

| | |
|-------------------------------|---|
| <code>operatorNumber</code> | Operator code (1...30) |
| <code>operatorPassword</code> | Operator password up to 8 symbols |
| <code>uNP</code> | UNP - 21 symbols: format - CCCCCCCC-CCCC-DDDDDDD: [0-9A-Za-z]{8}-[0-9A-Za-z]{4}-[0-9]{7}) |
| <code>tillNumber</code> | Till number (1-99999) |
| <code>invoice</code> | parameter "I" - for Invoice |

Returns

Dictionary with keys:

| | |
|---------------------------------|---|
| <code>allReceiptCount</code> | All executed receipts count(fiscal and non-fiscal) since last Z report (4 bytes). |
| <code>stornoReceiptCount</code> | All executed storno receipts count since last Z report (4 bytes). |

1.1.2.150 receipt_Invoice_Open()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Invoice_Open (
    string operatorNumber,
    string operatorPassword,
    string uNP,
    string tillNumber,
    string invoice )
```

Open invoice with UNP

Parameters

| | |
|-------------------------|---|
| <i>operatorNumber</i> | Operator code (1...30) |
| <i>operatorPassword</i> | Operator password up to 8 symbols |
| <i>uNP</i> | UNP - 21 symbols: format - CCCCCCCC-CCCC-DDDDDDD: [0-9A-Za-z]{8}-[0-9A-Za-z]{4}-[0-9]{7}) |
| <i>tillNumber</i> | Till number (1-99999) |
| <i>invoice</i> | parameter "I" - for Invoice |

Returns

Dictionary with keys:

| | |
|--------------------|---|
| allReceiptCount | All executed receipts count(fiscal and non-fiscal) since last Z report (4 bytes). |
| stornoReceiptCount | All executed storno receipts count since last Z report (4 bytes). |

1.1.2.151 receipt_NonFiscal_Close()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_NonFiscal_Close ( )
```

Close non-fiscal receipt

Returns

Dictionary with key:

| | |
|------------|---|
| allReceipt | All executed receipts count(fiscal and non-fiscal) since last Z report (4 bytes). |
|------------|---|

1.1.2.152 receipt_NonFiscal_Open()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_NonFiscal_Open ( )
```

Open non-fiscal receipt

Returns

Dictionary with key:

| | |
|------------|---|
| allReceipt | All executed receipts count(fiscal and non-fiscal) since last Z report (4 bytes). |
|------------|---|

1.1.2.153 receipt_NonFiscal_Text()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_NonFiscal_Text (
    string inputText )
```

Print free non-fiscal text

Parameters

| | |
|------------------|-----------------------|
| <i>inputText</i> | Text up to 40 symbols |
|------------------|-----------------------|

1.1.2.154 receipt_Paper_Feed()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Paper_Feed (
    string linesCount )
```

Paper feed

Parameters

| | |
|-------------------|--|
| <i>linesCount</i> | Lines count for paper feed. Number (1 or 2 bytes; max 99 number) |
|-------------------|--|

1.1.2.155 receipt_PinPad_Total()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PinPad_Total (
    string textRow1,
    string textRow2,
    string paidMode,
    string inputAmount,
    string pinpadPaidMode )
```

Total for PipPad

Parameters

| | |
|-----------------------|---|
| <i>textRow1</i> | Text up to 42 bytes |
| <i>textRow2</i> | Text up to 42 bytes |
| <i>paidMode</i> | 'C' - Debit card payment |
| <i>inputAmount</i> | Sum to be payed (10 digits) |
| <i>pinpadPaidMode</i> | '1' - Payment with money; '12' - Payment with client points (only for BORICA) |

Returns

Dictionary with keys:

| | |
|--------------|---|
| deviceCode | 'F' - Error;'E' - subtotal is negative.Pay is not executed an Amount is with negative sum. 'D' - If payed sum is smaller than the sum in the receipt.The rest to pay is returned in "Amount. 'R' - If payed sum is greater than the sum form the receipt.Will be printed message "", and the change will be returned in "Amount. 'I' - Sum from any of the tax group is negative and the error is occured. In "Amount" is returned subtotal. |
| outputAmount | Sum (up to 9 dogits)Depends on "deviceCode". |

1.1.2.156 receipt_PinPad_TotalTextRow1()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PinPad_TotalTextRow1 (
    string textRow1,
    string paidMode,
    string inputAmount,
    string pinpadPaidMode )
```

Parameters

| | |
|-----------------------|---|
| <i>textRow1</i> | Text up to 42 bytes |
| <i>paidMode</i> | 'C' - Debit card payment |
| <i>inputAmount</i> | Sum to be payed (10 digits) |
| <i>pinpadPaidMode</i> | '1' - Payment with money; '12' - Payment with client points (only for BORICA) |

Returns

Dictionary with keys:

| | |
|--------------|---|
| deviceCode | 'F' - Error;'E' - subtotal is negative.Pay is not executed an Amount is with negative sum. 'D' - If payed sum is smaller than the sum in the receipt.The rest to pay is returned in "Amount. 'R' - If payed sum is greater than the sum form the receipt.Will be printed message "", and the change will be returned in "Amount. 'I' - Sum from any of the tax group is negative and the error is occured. In "Amount" is returned subtotal. |
| outputAmount | Sum (up to 9 dogits)Depends on "deviceCode". |

1.1.2.157 receipt_PinPad_TotalTextRow2()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PinPad_TotalTextRow2 (
    string textRow2,
    string paidMode,
    string inputAmount,
    string pinpadPaidMode )
```

Total for PinPad and text line

Parameters

| | |
|-----------------|---------------------|
| <i>textRow2</i> | Text up to 42 bytes |
|-----------------|---------------------|

Parameters

| | |
|-----------------------|--|
| <i>paidMode</i> | 'C' - Debit card payment |
| <i>inputAmount</i> | Sum to be payed (10 digits) |
| <i>pinpadPaidMode</i> | '1'- Payment with money; '12' - Payment with client points (only for BORICA) |

Returns

Dictionary with keys:

| | |
|--------------|---|
| deviceCode | 'F' - Error;'E' - subtotal is negative.Pay is not executed an Amount is with negative sum. 'D' - If payed sum is smaller than the sum in the receipt.The rest to pay is returned in "Amount. 'R' - If payed sum is greater than the sum form the receipt.Will be printed message "", and the change will be returned in "Amount. 'I' - Sum from any of the tax group is negative and the error is occured. In "Amount" is returned subtotal. |
| outputAmount | Sum (up to 9 dogits)Depends on "deviceCode". |

1.1.2.158 receipt_PinPad_TotalWText()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PinPad_TotalWText (
    string paidMode,
    string inputAmount,
    string pinpadPaidMode )
```

Total without text

Parameters

| | |
|-----------------------|--|
| <i>paidMode</i> | 'C' - Debit card payment |
| <i>inputAmount</i> | Sum to be payed (10 digits) |
| <i>pinpadPaidMode</i> | '1'- Payment with money; '12' - Payment with client points (only for BORICA) |

Returns

Dictionary with keys:

| | |
|--------------|---|
| deviceCode | 'F' - Error;'E' - subtotal is negative.Pay is not executed an Amount is with negative sum. 'D' - If payed sum is smaller than the sum in the receipt.The rest to pay is returned in "Amount. 'R' - If payed sum is greater than the sum form the receipt.Will be printed message "", and the change will be returned in "Amount. 'I' - Sum from any of the tax group is negative and the error is occured. In "Amount" is returned subtotal. |
| outputAmount | Sum (up to 9 dogits)Depends on "deviceCode". |

1.1.2.159 receipt_PLU_Sale()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PLU_Sale (
```

```
string targetPLU,
string quantity )
```

Registering the sale of a programmed item

Parameters

| | |
|------------------|---|
| <i>targetPLU</i> | The code of the item. From 1 to 999999999 |
| <i>quantity</i> | Quantity of the product (default: 1.000); Format: 3 decimals; up to *999999.999 |

1.1.2.160 receipt_PLUDep_Sale()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PLUDep_Sale (
    string targetPLU,
    string department,
    string quantity )
```

Registering the sale of a programmed item

Parameters

| | |
|-------------------|---|
| <i>targetPLU</i> | The code of the item. From 1 to 999999999 |
| <i>department</i> | Department (1...9) |
| <i>quantity</i> | Quantity of the product (default: 1.000); Format: 3 decimals; up to *999999.999 |

1.1.2.161 receipt_PLUDep_Sale_CByPercent()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PLUDep_Sale_CByPercent (
    string targetPLU,
    string department,
    string quantity,
    string percent )
```

Registering the sale of a programmed item

Parameters

| | |
|-------------------|---|
| <i>targetPLU</i> | The code of the item. From 1 to 999999999 |
| <i>department</i> | Department (1...9) |
| <i>quantity</i> | Quantity of the product (default: 1.000); Format: 3 decimals; up to *999999.999 |
| <i>percent</i> | Discount/ surcharge by percent (depends on the sign) |

1.1.2.162 receipt_PLUDep_Sale_CBySum()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PLUDep_Sale_CBySum (
    string targetPLU,
    string department,
    string quantity,
    string abs )
```

Registering the sale of a programmed item with discount/surcharge by sum

Parameters

| | |
|-------------------|---|
| <i>targetPLU</i> | The code of the item. From 1 to 999999999 |
| <i>department</i> | Department (1...9) |
| <i>quantity</i> | Quantity of the product (default: 1.000); Format: 3 decimals; up to *999999.999 |
| <i>abs</i> | Discount/ surcharge sum (depends on the sign) |

1.1.2.163 receipt_PLUSale_CByPercent()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PLUSale_CByPercent (
    string targetPLU,
    string quantity,
    string percent )
```

Registering the sale of a programmed item with discount/surcharge in percents

Parameters

| | |
|------------------|---|
| <i>targetPLU</i> | The code of the item. From 1 to 999999999 |
| <i>quantity</i> | Quantity of the product (default: 1.000); Format: 3 decimals; up to *999999.999 |
| <i>percent</i> | Discount/ surcharge by percent (depends on the sign) |

1.1.2.164 receipt_PLUSale_CBySum()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PLUSale_CBySum (
    string targetPLU,
    string quantity,
    string abs )
```

Registering the sale of a programmed item with discount/surcharge in sum

Parameters

| | |
|------------------|---|
| <i>targetPLU</i> | The code of the item. From 1 to 999999999 |
| <i>quantity</i> | Quantity of the product (default: 1.000); Format: 3 decimals; up to *999999.999 |
| <i>abs</i> | Discount/ surcharge sum (depends on the sign) |

1.1.2.165 receipt_PNonFiscal_Text()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PNonFiscal_Text (
    string height,
    string inputText )
```

Print free non-fiscal text

Parameters

| | |
|------------------|---|
| <i>height</i> | '1' - Print normal height; '2' - Print 2xheight; '3' - Print 3x height. |
| <i>inputText</i> | Text up to 40 symbols |

1.1.2.166 receipt_Print_Barcode()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Print_Barcode (
    string barcodeType,
    string barcodeData )
```

Barcode print without text

Parameters

| | |
|--------------------|---|
| <i>barcodeType</i> | '1' - EAN8, '2' - EAN13 '3' - Code 128. |
| <i>barcodeData</i> | EAN8 - 7 digits. Checksum (8 digits) is calculated by device; EAN13 - 12 digits. Checksum (12 digits) is calculated by device; Code128 - Up to 30 symbols |

1.1.2.167 receipt_Print_Duplicate()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Print_Duplicate (
    string count )
```

Print duplicate receipt

Parameters

| | |
|--------------|--|
| <i>count</i> | Duplicate receipt count (allowed value: 1) |
|--------------|--|

1.1.2.168 receipt_Print_TextBarcode()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Print_TextBarcode (
    string barcodeType,
    string barcodeData )
```

Barcode print with text

Parameters

| | |
|--------------------|---|
| <i>barcodeType</i> | '1' - EAN8, '2' - EAN13 '3' - Code 128. |
| <i>barcodeData</i> | EAN8 - 7 digits. Checksum (8 digits) is calculated by device; EAN13 - 12 digits. Checksum (12 digits) is calculated by device; Code128 - Up to 30 symbols |

1.1.2.169 receipt_PrintClientInfo_08()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PrintClientInfo_08 (
    string eIK,
    string eIKType )
```

Enter and print basic invoice data

Parameters

| | |
|----------------|--|
| <i>eIK</i> | EIK number (between 9 and 14 symbols) |
| <i>eIKType</i> | 0-BULSTAT; 1-EGN; 2-LNCH; 3-service number |

1.1.2.170 receipt_PrintClientInfo_09()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PrintClientInfo_09 (
    string eIK,
    string eIKType,
    string sellerName )
```

Enter and print invoice data with seller name

Parameters

| | |
|-------------------|--|
| <i>eIK</i> | EIK number (between 9 and 14 symbols) |
| <i>eIKType</i> | 0-BULSTAT; 1-EGN; 2-LNCH; 3-service number |
| <i>sellerName</i> | Name of the seller; 36 symbols max |

1.1.2.171 receipt_PrintClientInfo_10()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PrintClientInfo_10 (
    string eIK,
    string eIKType,
    string sellerName,
    string receiverName )
```

Enter and print invoice data with seller and receiver

Parameters

| | |
|---------------------|--|
| <i>eIK</i> | EIK number (between 9 and 14 symbols) |
| <i>eIKType</i> | 0-BULSTAT; 1-EGN; 2-LNCH; 3-service number |
| <i>sellerName</i> | Name of seller (up to 36 symbols) |
| <i>receiverName</i> | Name of receiver (up to 36 symbols) |

1.1.2.172 receipt_PrintClientInfo_11()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PrintClientInfo_11 (
    string eIK,
    string eIKType,
    string sellerName,
    string receiverName,
    string clientName )
```

Enter and print invoice data with seller, receiver and client

Parameters

| | |
|---------------------|--|
| <i>eIK</i> | EIK number (between 9 and 14 symbols) |
| <i>eIKType</i> | 0-BULSTAT; 1-EGN; 2-LNCH; 3-service number |
| <i>sellerName</i> | Name of seller (up to 36 symbols) |
| <i>receiverName</i> | Name of receiver (up to 36 symbols) |
| <i>clientName</i> | Name of the buyer (up to 36 symbols) |

1.1.2.173 receipt_PrintClientInfo_12()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PrintClientInfo_12 (
    string eIK,
    string eIKType,
    string sellerName,
    string receiverName,
    string clientName,
    string taxNo )
```

Enter and print invoice data with seller, receiver, client and tax number

Parameters

| | |
|---------------------|--|
| <i>eIK</i> | EIK number (between 9 and 14 symbols) |
| <i>eIKType</i> | 0-BULSTAT; 1-EGN; 2-LNCH; 3-service number |
| <i>sellerName</i> | Name of seller (up to 36 symbols) |
| <i>receiverName</i> | Name of receiver (up to 36 symbols) |
| <i>clientName</i> | Name of the buyer (up to 36 symbols) |
| <i>taxNo</i> | Tax number of the client. 10...14 symbols |

1.1.2.174 receipt_PrintClientInfo_13()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PrintClientInfo_13 (
    string eIK,
    string eIKType,
    string sellerName,
    string receiverName,
    string clientName,
    string taxNo,
    string address1 )
```

Enter and print invoice data with seller, receiver, client, tax number and address

Parameters

| | |
|---------------------|--|
| <i>eIK</i> | EIK number (between 9 and 14 symbols) |
| <i>eIKType</i> | 0-BULSTAT; 1-EGN; 2-LNCH; 3-service number |
| <i>sellerName</i> | Name of seller (up to 36 symbols) |
| <i>receiverName</i> | Name of receiver (up to 36 symbols) |
| <i>clientName</i> | Name of the buyer (up to 36 symbols) |
| <i>taxNo</i> | Tax number of the client. 10...14 symbols |
| <i>address1</i> | Client's address |

1.1.2.175 receipt_PrintClientInfo_14()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_PrintClientInfo_14 (
    string eIK,
    string eIKType,
    string sellerName,
    string receiverName,
    string clientName,
    string taxNo,
    string address1,
    string address2 )
```

Enter and print invoice data with seller, receiver, client, tax number and address

Parameters

| | |
|---------------------|--|
| <i>eIK</i> | EIK number (between 9 and 14 symbols) |
| <i>eIKType</i> | 0-BULSTAT; 1-EGN; 2-LNCH; 3-service number |
| <i>sellerName</i> | Name of seller (up to 36 symbols) |
| <i>receiverName</i> | Name of receiver (up to 36 symbols) |
| <i>clientName</i> | Name of the buyer (up to 36 symbols) |
| <i>taxNo</i> | Tax number of the client. 10...14 symbols |
| <i>address1</i> | Client's address |
| <i>address2</i> | Client's address second line |

1.1.2.176 receipt_Sale()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Sale (
    string textRow1,
    string textRow2,
    string taxGroup,
    string singlePrice,
    string quantity )
```

Registration of sale

Parameters

| | |
|--------------------|---|
| <i>textRow1</i> | Text up to 22 bytes |
| <i>textRow2</i> | Text up to 22 bytes |
| <i>taxGroup</i> | Tax group (,, ...) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |

1.1.2.177 receipt_Sale_CByPercent()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Sale_CByPercent (
    string textRow1,
    string textRow2,
    string taxGroup,
    string singlePrice,
    string quantity,
    string percent )
```

Registration of a sale

Parameters

| | |
|-----------------|---------------------|
| <i>textRow1</i> | Text up to 22 bytes |
| <i>textRow2</i> | Text up to 22 bytes |

Parameters

| | |
|--------------------|--|
| <i>taxGroup</i> | Tax group (,, ...) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>percent</i> | Discount/ surcharge percent(depends on the sign) |

1.1.2.178 receipt_Sale_CByPercentWText()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Sale_CByPercentWText (
    string taxGroup,
    string singlePrice,
    string percent )
```

Registration of a sale

Parameters

| | |
|--------------------|---|
| <i>taxGroup</i> | Tax group (,, ...) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>percent</i> | Discount/ surcharge (depends on the sign) |

1.1.2.179 receipt_Sale_CBySum()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Sale_CBySum (
    string textRow1,
    string textRow2,
    string taxGroup,
    string singlePrice,
    string quantity,
    string abs )
```

Registration of a sale

Parameters

| | |
|--------------------|---|
| <i>textRow1</i> | Text up to 22 bytes |
| <i>textRow2</i> | Text up to 22 bytes |
| <i>taxGroup</i> | Tax group (,, ...) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>abs</i> | Discount/ surcharge sum (depends on the sign) |

1.1.2.180 receipt_Sale_CBySumWText()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Sale_CBySumWText (
    string taxGroup,
    string singlePrice,
    string quantity,
    string abs )
```

Registration of a sale with sum discount/surcharge

Parameters

| | |
|--------------------|---|
| <i>taxGroup</i> | Tax group (,, ...) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>abs</i> | Discount/ surcharge sum (depends on the sign) |

1.1.2.181 receipt_Sale_Minimum()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Sale_Minimum (
    string taxGroup,
    string singlePrice )
```

Registration of a sale

Parameters

| | |
|--------------------|-----------------------------|
| <i>taxGroup</i> | Tax group (,, ...) |
| <i>singlePrice</i> | Single price up to 8 digits |

1.1.2.182 receipt_Sale_TextRow1()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Sale_TextRow1 (
    string textRow1,
    string taxGroup,
    string singlePrice,
    string quantity )
```

Registration of a sale

Parameters

| | |
|--------------------|---|
| <i>textRow1</i> | Text up to 22 bytes |
| <i>taxGroup</i> | Tax group (,, ...) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |

1.1.2.183 receipt_Sale_TextRow1CByPercent()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Sale_TextRow1CByPercent (
    string textRow1,
    string taxGroup,
    string singlePrice,
    string quantity,
    string percent )
```

Registration of a sale

Parameters

| | |
|--------------------|---|
| <i>textRow1</i> | Text up to 22 bytes |
| <i>taxGroup</i> | Tax group (,, ...) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>percent</i> | Discount/ surcharge percent (depends on the sign) |

1.1.2.184 receipt_Sale_TextRow1CBySum()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Sale_TextRow1CBySum (
    string textRow1,
    string taxGroup,
    string singlePrice,
    string quantity,
    string abs )
```

Registration of a sale with sum discount/surcharge

Parameters

| | |
|--------------------|---|
| <i>textRow1</i> | Text up to 22 bytes |
| <i>taxGroup</i> | Tax group (,, ...) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>abs</i> | Discount/ surcharge sum (depends on the sign) |

1.1.2.185 receipt_Sale_TextRow2()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Sale_TextRow2 (
    string textRow2,
```

```

    string taxGroup,
    string singlePrice,
    string quantity )

```

Registration of a sale

Parameters

| | |
|--------------------|---|
| <i>textRow2</i> | Text up to 22 bytes |
| <i>taxGroup</i> | Tax group (,, ...) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |

1.1.2.186 receipt_Sale_TextRow2CByPercent()

```

void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Sale_TextRow2CByPercent (
    string textRow2,
    string taxGroup,
    string singlePrice,
    string quantity,
    string percent )

```

Registration of a sale

Parameters

| | |
|--------------------|--|
| <i>textRow2</i> | Text up to 22 bytes |
| <i>taxGroup</i> | Tax group (,, ...) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>percent</i> | Discount/ surcharge by percent (depends on the sign) |

1.1.2.187 receipt_Sale_TextRow2CBySum()

```

void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Sale_TextRow2CBySum (
    string textRow2,
    string taxGroup,
    string singlePrice,
    string quantity,
    string abs )

```

Registration of a sale with sum discount/surcharge

Parameters

| | |
|-----------------|---------------------|
| <i>textRow2</i> | Text up to 22 bytes |
|-----------------|---------------------|

Parameters

| | |
|--------------------|---|
| <i>taxGroup</i> | Tax group (,, ...) |
| <i>singlePrice</i> | Single price up to 8 digits |
| <i>quantity</i> | Quantity (8 digits,3 after decimal point) |
| <i>abs</i> | Discount/ surcharge sum (depends on the sign) |

1.1.2.188 receipt_Separating_Line()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Separating_Line (
    string lineType )
```

Printing of separating line

Parameters

| | |
|-----------------|--|
| <i>lineType</i> | '1' Separating line with the symbol '-'. '2' Separating line with the symbol '-' and ' '. '3' Separating line with the symbol '='. |
|-----------------|--|

1.1.2.189 receipt_StornoOpen_B01()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_StornoOpen_B01 (
    string operatorNumber,
    string operatorPassword,
    string tillNumber,
    string stornoType,
    string stornoDocumentNumber,
    string stornoDateTime,
    string stornoFMNumber )
```

Open storno receipt

Parameters

| | |
|-----------------------------|---|
| <i>operatorNumber</i> | Operator code (1...30) |
| <i>operatorPassword</i> | Operator password up to 8 symbols |
| <i>tillNumber</i> | Till number (1-99999) |
| <i>stornoType</i> | Reason for storno: 0 - operator's error; 1 - refund. |
| <i>stornoDocumentNumber</i> | Number of the original document (global 1...9999999) |
| <i>stornoDateTime</i> | Document date and time (format: ddMMYYHHmm or ddMMYYHHmmss) |
| <i>stornoFMNumber</i> | Fiscal memory number for the storno document (8 symbols) |

Returns

Dictionary with keys:

| | |
|--------------------|---|
| allReceiptCount | All executed receipts count(fiscal and non-fiscal) since last Z report (4 bytes). |
| stornoReceiptCount | All executed storno receipts count since last Z report (4 bytes). |

1.1.2.190 receipt_StornoOpen_B02()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_StornoOpen_B02 (
    string operatorNumber,
    string operatorPassword,
    string stornoUNP,
    string tillNumber,
    string stornoType,
    string stornoDocumentNumber,
    string stornoDateTime,
    string stornoFMNumber )
```

Open storno receipt

Parameters

| | |
|-----------------------------|--|
| <i>operatorNumber</i> | Operator code (1...30) |
| <i>operatorPassword</i> | Operator password up to 8 symbols |
| <i>stornoUNP</i> | UNP - 21 symbols: format - CCCCCCCC-CCCC-DDDDDDDD: [0-9A-Za-z]{8}-[0-9A-Za-z]{4}-[0-9]{7}) |
| <i>tillNumber</i> | Till number (1-99999) |
| <i>stornoType</i> | Reason for storno: 0 - operator's error; 1 - refund. |
| <i>stornoDocumentNumber</i> | Number of the original document (global 1...9999999) |
| <i>stornoDateTime</i> | Document date and time (format: ddMMYYHHmm or ddMMYYHHmmss) |
| <i>stornoFMNumber</i> | Fiscal memory number for the storno document (8 symbols) |

Returns

Dictionary with keys:

| | |
|--------------------|---|
| allReceiptCount | All executed receipts count(fiscal and non-fiscal) since last Z report (4 bytes). |
| stornoReceiptCount | All executed storno receipts count since last Z report (4 bytes). |

1.1.2.191 receipt_StornoOpen_B03()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_StornoOpen_B03 (
    string operatorNumber,
    string operatorPassword,
    string tillNumber,
```



```

string stornoType,
string stornoDocumentNumber,
string stornoDateTime,
string stornoFMNumber,
string invoice,
string invoiceNumber )

```

Open storno receipt

Parameters

| | |
|-----------------------------|---|
| <i>operatorNumber</i> | Operator code (1...30) |
| <i>operatorPassword</i> | Operator password up to 8 symbols |
| <i>tillNumber</i> | Till number (1-99999) |
| <i>stornoType</i> | Reason for storno: 0 - operator's error; 1 - refund. |
| <i>stornoDocumentNumber</i> | Number of the original document (global 1...9999999) |
| <i>stornoDateTime</i> | Document date and time (format: ddMMYYHHmm or ddMMYYHHmmss) |
| <i>stornoFMNumber</i> | Fiscal memory number for the storno document (8 symbols) |
| <i>invoice</i> | If it is storno invoice - enter parameter "I" |
| <i>invoiceNumber</i> | Invoice number (1 - 9999999999). |

Returns

Dictionary with keys:

| | |
|---------------------------|---|
| <i>allReceiptCount</i> | All executed receipts count(fiscal and non-fiscal) since last Z report (4 bytes). |
| <i>stornoReceiptCount</i> | All executed storno receipts count since last Z report (4 bytes). |

1.1.2.192 receipt_StornoOpen_B04()

```

Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_StornoOpen_B04 (
    string operatorNumber,
    string operatorPassword,
    string tillNumber,
    string stornoType,
    string stornoDocumentNumber,
    string stornoDateTime,
    string stornoFMNumber,
    string invoice,
    string invoiceNumber,
    string stornoReason )

```

Open storno receipt

Parameters

| | |
|-------------------------|--|
| <i>operatorNumber</i> | Operator code (1...30) |
| <i>operatorPassword</i> | Operator password up to 8 symbols |
| <i>tillNumber</i> | Till number (1-99999) |
| <i>stornoType</i> | Reason for storno: 0 - operator's error; 1 - refund. |

Parameters

| | |
|-----------------------------|---|
| <i>stornoDocumentNumber</i> | Number of the original document (global 1...9999999) |
| <i>stornoDateTime</i> | Document date and time (format: ddMMYYHHmm or ddMMYYHHmmss) |
| <i>stornoFMNumber</i> | Fiscal memory number for the storno document (8 symbols) |
| <i>invoice</i> | If it is storno invoice - enter parameter "I" |
| <i>invoiceNumber</i> | Invoice number (1 - 9999999999). |
| <i>stornoReason</i> | Additional storno reason up to 42 symbols |

Returns

Dictionary with keys:

| | |
|---------------------------|---|
| <i>allReceiptCount</i> | All executed receipts count(fiscal and non-fiscal) since last Z report (4 bytes). |
| <i>stornoReceiptCount</i> | All executed storno receipts count since last Z report (4 bytes). |

1.1.2.193 receipt_StornoOpen_B05()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_StornoOpen_B05 (
    string operatorNumber,
    string operatorPassword,
    string stornoUNP,
    string tillNumber,
    string stornoType,
    string stornoDocumentNumber,
    string stornoDateTime,
    string stornoFMNumber,
    string invoice,
    string invoiceNumber )
```

Open storno receipt

Parameters

| | |
|-----------------------------|--|
| <i>operatorNumber</i> | Operator code (1...30) |
| <i>operatorPassword</i> | Operator password up to 8 symbols |
| <i>stornoUNP</i> | UNP - 21 symbols: format - CCCCCCCC-CCCC-DDDDDDDD: [0-9A-Za-z]{8}-[0-9A-Za-z]{4}-[0-9]{7}) |
| <i>tillNumber</i> | Till number (1-99999) |
| <i>stornoType</i> | Reason for storno: 0 - operator's error; 1 - refund. |
| <i>stornoDocumentNumber</i> | Number of the original document (global 1...9999999) |
| <i>stornoDateTime</i> | Document date and time (format: ddMMYYHHmm or ddMMYYHHmmss) |
| <i>stornoFMNumber</i> | Fiscal memory number for the storno document (8 symbols) |
| <i>invoice</i> | If it is storno invoice - enter parameter "I" |
| <i>invoiceNumber</i> | Invoice number (1 - 9999999999). |

Returns

Dictionary with keys:

| | |
|--------------------|---|
| allReceiptCount | All executed receipts count(fiscal and non-fiscal) since last Z report (4 bytes). |
| stornoReceiptCount | All executed storno receipts count since last Z report (4 bytes). |

1.1.2.194 receipt_StornoOpen_B06()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_StornoOpen_B06 (
    string operatorNumber,
    string operatorPassword,
    string stornoUNP,
    string tillNumber,
    string stornoType,
    string stornoDocumentNumber,
    string stornoDateTime,
    string stornoFMNumber,
    string invoice,
    string invoiceNumber,
    string stornoReason )
```

Open storno receipt

Parameters

| | |
|-----------------------------|--|
| <i>operatorNumber</i> | Operator code (1...30) |
| <i>operatorPassword</i> | Operator password up to 8 symbols |
| <i>stornoUNP</i> | UNP - 21 symbols: format - CCCCCCCC-CCCC-DDDDDDDD: [0-9A-Za-z]{8}-[0-9A-Za-z]{4}-[0-9]{7}) |
| <i>tillNumber</i> | Till number (1-99999) |
| <i>stornoType</i> | Reason for storno: 0 - operator's error; 1 - refund. |
| <i>stornoDocumentNumber</i> | Number of the original document (global 1...9999999) |
| <i>stornoDateTime</i> | Document date and time (format: ddMMYYHHmm or ddMMYYHHmmss) |
| <i>stornoFMNumber</i> | Fiscal memory number for the storno document (8 symbols) |
| <i>invoice</i> | If it is storno invoice - enter parameter "I" |
| <i>invoiceNumber</i> | Invoice number (1 - 9999999999). |
| <i>stornoReason</i> | Additional storno reason up to 42 symbols |

Returns

Dictionary with keys:

| | |
|--------------------|---|
| allReceiptCount | All executed receipts count(fiscal and non-fiscal) since last Z report (4 bytes). |
| stornoReceiptCount | All executed storno receipts count since last Z report (4 bytes). |

1.1.2.195 receipt_Subtotal()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Subtotal (
    string toPrint,
    string toDisplay )
```

Subtotal

Parameters

| | |
|------------------|--|
| <i>toPrint</i> | 1 - Subtotal will be printed; 0 - subtotal will not be printed |
| <i>toDisplay</i> | 1 - Subtotal will be shown on display; 0 - subtotal will not be shown on display |

Returns

Dictionary with keys:

| | |
|--------------|--|
| subtotal | Subtotal for current receipt (up to 10 bytes). |
| sumTaxGroupA | Sum for tax group A (up to 10 bytes). |
| sumTaxGroupB | Sum for tax group B (up to 10 bytes). |
| sumTaxGroupC | Sum for tax group C (up to 10 bytes). |
| sumTaxGroupD | Sum for tax group D (up to 10 bytes). |
| sumTaxGroupE | Sum for tax group E (up to 10 bytes). |
| sumTaxGroupF | Sum for tax group F (up to 10 bytes). |
| sumTaxGroupG | Sum for tax group G (up to 10 bytes). |
| sumTaxGroupH | Sum for tax group H (up to 10 bytes). |

1.1.2.196 receipt_Subtotal_CByPercent()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Subtotal_CByPercent (
    string toPrint,
    string toDisplay,
    string percent )
```

Subtotal with discount/surcharge by percentage

Parameters

| | |
|------------------|--|
| <i>toPrint</i> | 1 - Subtotal will be printed; 0 - subtotal will not be printed |
| <i>toDisplay</i> | 1 - Subtotal will be shown on display; 0 - subtotal will not be shown on display |
| <i>percent</i> | Discount/ surcharge by percent (depends on the sign) |

Returns

Dictionary with keys:

| | |
|--------------|--|
| subtotal | Subtotal for current receipt (up to 10 bytes). |
| sumTaxGroupA | Sum for tax group A (up to 10 bytes). |

| | |
|--------------|---------------------------------------|
| sumTaxGroupB | Sum for tax group B (up to 10 bytes). |
| sumTaxGroupC | Sum for tax group C (up to 10 bytes). |
| sumTaxGroupD | Sum for tax group D (up to 10 bytes). |
| sumTaxGroupE | Sum for tax group E (up to 10 bytes). |
| sumTaxGroupF | Sum for tax group F (up to 10 bytes). |
| sumTaxGroupG | Sum for tax group G (up to 10 bytes). |
| sumTaxGroupH | Sum for tax group H (up to 10 bytes). |

1.1.2.197 receipt_Subtotal_CBySum()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Subtotal_CBySum (
    string toPrint,
    string toDisplay,
    string abs )
```

Subtotal with discount/surcharge by sum

Parameters

| | |
|------------------|--|
| <i>toPrint</i> | 1 - Subtotal will be printed; 0 - subtotal will not be printed |
| <i>toDisplay</i> | 1 - Subtotal will be shown on display; 0 - subtotal will not be shown on display |
| <i>abs</i> | Discount/ surcharge sum (depends on the sign) |

Returns

Dictionary with keys:

| | |
|--------------|--|
| subtotal | Subtotal for current receipt (up to 10 bytes). |
| sumTaxGroupA | Sum for tax group A (up to 10 bytes). |
| sumTaxGroupB | Sum for tax group B (up to 10 bytes). |
| sumTaxGroupC | Sum for tax group C (up to 10 bytes). |
| sumTaxGroupD | Sum for tax group D (up to 10 bytes). |
| sumTaxGroupE | Sum for tax group E (up to 10 bytes). |
| sumTaxGroupF | Sum for tax group F (up to 10 bytes). |
| sumTaxGroupG | Sum for tax group G (up to 10 bytes). |
| sumTaxGroupH | Sum for tax group H (up to 10 bytes). |

1.1.2.198 receipt_Total()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Total (
    string textRow1,
    string textRow2 )
```

Total only executed with text

Parameters

| | |
|-----------------|---------------------|
| <i>textRow1</i> | Text up to 42 bytes |
| <i>textRow2</i> | Text up to 42 bytes |

Returns

Dictionary with keys:

| | |
|--------------|---|
| deviceCode | 'F' - Error;'E' - subtotal is negative.Pay is not executed an Amount is with negative sum. 'D' - If payed sum is smaller than the sum in the receipt.The rest to pay is returned in "Amount. 'R' - If payed sum is greater than the sum form the receipt.Will be printed message "", and the change will be returned in "Amount. 'I' - Sum from any of the tax group is negative and the error is occured. In "Amount" is returned subtotal. |
| outputAmount | Sum (up to 9 dogits)Depends on "deviceCode". |

1.1.2.199 receipt_Total_PAmount()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Total_PAmount (
    string textRow1,
    string textRow2,
    string paidMode,
    string inputAmount )
```

Total

Parameters

| | |
|--------------------|---|
| <i>textRow1</i> | Text up to 42 bytes |
| <i>textRow2</i> | Text up to 42 bytes |
| <i>paidMode</i> | 'P' - Cash payment; 'N' - Credit payment; 'C' - Debit card payment; 'D' - NZOK payment; 'I' - Check payment; 'J' - Coupon payment |
| <i>inputAmount</i> | Sum to be payed (10 digits) |

Returns

Dictionary with keys:

| | |
|--------------|---|
| deviceCode | 'F' - Error;'E' - subtotal is negative.Pay is not executed an Amount is with negative sum. 'D' - If payed sum is smaller than the sum in the receipt.The rest to pay is returned in "Amount. 'R' - If payed sum is greater than the sum form the receipt.Will be printed message "", and the change will be returned in "Amount. 'I' - Sum from any of the tax group is negative and the error is occured. In "Amount" is returned subtotal. |
| outputAmount | Sum (up to 9 dogits)Depends on "deviceCode". |

1.1.2.200 receipt_Total_PAmountTextRow1()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Total_PAmountTextRow1 (
    string textRow1,
    string paidMode,
    string inputAmount )
```

Total

Parameters

| | |
|--------------------|---|
| <i>textRow1</i> | Text up to 42 bytes |
| <i>paidMode</i> | 'P' - Cash payment; 'N' - Credit payment; 'C' - Debit card payment; 'D' - NZOK payment; 'I' - Check payment; 'J' - Coupon payment |
| <i>inputAmount</i> | Sum to be payed (10 digits) |

Returns

Dictionary with keys:

| | |
|--------------|---|
| deviceCode | 'F' - Error; 'E' - subtotal is negative. Pay is not executed an Amount is with negative sum. 'D' - If payed sum is smaller than the sum in the receipt. The rest to pay is returned in "Amount. 'R' - If payed sum is greater than the sum from the receipt. Will be printed message "", and the change will be returned in "Amount. 'I' - Sum from any of the tax group is negative and the error is occurred. In "Amount" is returned subtotal. |
| outputAmount | Sum (up to 9 digits) Depends on "deviceCode". |

1.1.2.201 receipt_Total_PAmountTextRow2()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Total_PAmountTextRow2 (
    string textRow2,
    string paidMode,
    string inputAmount )
```

Total

Parameters

| | |
|--------------------|---|
| <i>textRow2</i> | Text up to 42 bytes |
| <i>paidMode</i> | 'P' - Cash payment; 'N' - Credit payment; 'C' - Debit card payment; 'D' - NZOK payment; 'I' - Check payment; 'J' - Coupon payment |
| <i>inputAmount</i> | Sum to be payed (10 digits) |

Returns

Dictionary with keys:

| | |
|--------------|---|
| deviceCode | 'F' - Error;'E' - subtotal is negative.Pay is not executed an Amount is with negative sum. 'D' - If payed sum is smaller than the sum in the receipt.The rest to pay is returned in "Amount. 'R' - If payed sum is greater than the sum form the receipt.Will be printed message "", and the change will be returned in "Amount. 'I' - Sum from any of the tax group is negative and the error is occured. In "Amount" is returned subtotal. |
| outputAmount | Sum (up to 9 dogits)Depends on "deviceCode". |

1.1.2.202 receipt_Total_PAmountWithoutText()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Total_PAmountWithoutText (
    string paidMode,
    string inputAmount )
```

Total

Parameters

| | |
|--------------------|---|
| <i>paidMode</i> | 'P' - Cash payment; 'N' - Credit payment; 'C' - Debit card payment; 'D' - NZOK payment; 'I' - Check payment; 'J' - Coupon payment |
| <i>inputAmount</i> | Sum to be payed (10 digits) |

Returns

Dictionary with keys:

| | |
|--------------|---|
| deviceCode | 'F' - Error;'E' - subtotal is negative.Pay is not executed an Amount is with negative sum. 'D' - If payed sum is smaller than the sum in the receipt.The rest to pay is returned in "Amount. 'R' - If payed sum is greater than the sum form the receipt.Will be printed message "", and the change will be returned in "Amount. 'I' - Sum from any of the tax group is negative and the error is occured. In "Amount" is returned subtotal. |
| outputAmount | Sum (up to 9 dogits)Depends on "deviceCode". |

1.1.2.203 receipt_Total_TextRow1()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Total_TextRow1 (
    string textRow1 )
```

Total with one line of text

Parameters

| | |
|-----------------|---------------------|
| <i>textRow1</i> | Text up to 42 bytes |
|-----------------|---------------------|

Returns

Dictionary with keys:

| | |
|--------------|---|
| deviceCode | 'F' - Error;'E' - subtotal is negative.Pay is not executed an Amount is with negative sum. 'D' - If payed sum is smaller than the sum in the receipt.The rest to pay is returned in "Amount. 'R' - If payed sum is greater than the sum form the receipt.Will be printed message "", and the change will be returned in "Amount. 'I' - Sum from any of the tax group is negative and the error is occured. In "Amount" is returned subtotal. |
| outputAmount | Sum (up to 9 dogits)Depends on "deviceCode". |

1.1.2.204 receipt_Total_TextRow2()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Total_TextRow2 (
    string textRow2 )
```

Total executed with second line of text

Parameters

| | |
|-----------------|---------------------|
| <i>textRow2</i> | Text up to 42 bytes |
|-----------------|---------------------|

Returns

Dictionary with keys:

| | |
|--------------|---|
| deviceCode | 'F' - Error;'E' - subtotal is negative.Pay is not executed an Amount is with negative sum. 'D' - If payed sum is smaller than the sum in the receipt.The rest to pay is returned in "Amount. 'R' - If payed sum is greater than the sum form the receipt.Will be printed message "", and the change will be returned in "Amount. 'I' - Sum from any of the tax group is negative and the error is occured. In "Amount" is returned subtotal. |
| outputAmount | Sum (up to 9 dogits)Depends on "deviceCode". |

1.1.2.205 receipt_Total_WithoutText()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.receipt_Total_WithoutText ( )
```

Total without text

Returns

Dictionary with keys:

| | |
|--------------|---|
| deviceCode | 'F' - Error;'E' - subtotal is negative.Pay is not executed an Amount is with negative sum. 'D' - If payed sum is smaller than the sum in the receipt.The rest to pay is returned in "Amount. 'R' - If payed sum is greater than the sum form the receipt.Will be printed message "", and the change will be returned in "Amount. 'I' - Sum from any of the tax group is negative and the error is occured. In "Amount" is returned subtotal. |
| outputAmount | Sum (up to 9 dogits)Depends on "deviceCode". |

1.1.2.206 report_DailyClosure_01()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.report_DailyClosure_01 (
    string option )
```

Daily closure

Parameters

| | |
|---------------|--|
| <i>option</i> | '0' - print Z report, '2' - print X report |
|---------------|--|

Returns

Dictionary with keys:

| | |
|-----------|---|
| closure | Number of Z-report (4 bytes). |
| fMTTotal | Total accumulated sum (12 bytes with sign). |
| totalsumA | Total accumulated sum by tax group A(12 bytes with sign). |
| totalsumB | Total accumulated sum by tax group B(12 bytes with sign). |
| totalsumC | Total accumulated sum by tax group C(12 bytes with sign). |
| totalsumD | Total accumulated sum by tax group D(12 bytes with sign). |
| totalsumE | Total accumulated sum by tax group E(12 bytes with sign). |
| totalsumF | Total accumulated sum by tax group F(12 bytes with sign). |
| totalsumG | Total accumulated sum by tax group G(12 bytes with sign). |
| totalsumH | Total accumulated sum by tax group H(12 bytes with sign). |

1.1.2.207 report_DailyClosureByDepartments_01()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.report_DailyClosureByDepartments_01
(
    string option )
```

Daily closure by departments

Parameters

| | |
|---------------|--|
| <i>option</i> | '0' - print Z report, '2' - print X report |
|---------------|--|

Returns

Dictionary with keys:

| | |
|-----------|---|
| closure | Number of Z-report (4 bytes). |
| fMTTotal | Total accumulated sum (12 bytes with sign). |
| totalsumA | Total accumulated sum by tax group A(12 bytes with sign). |

| | |
|-----------|---|
| totalsumB | Total accumulated sum by tax group B(12 bytes with sign). |
| totalsumC | Total accumulated sum by tax group C(12 bytes with sign). |
| totalsumD | Total accumulated sum by tax group D(12 bytes with sign). |
| totalsumE | Total accumulated sum by tax group E(12 bytes with sign). |
| totalsumF | Total accumulated sum by tax group F(12 bytes with sign). |
| totalsumG | Total accumulated sum by tax group G(12 bytes with sign). |
| totalsumH | Total accumulated sum by tax group H(12 bytes with sign). |

1.1.2.208 report_DailyClosureByDepartmentsAndItems_01()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.report_DailyClosureByDepartments↵
AndItems_01 (
    string option )
```

Daily closure by departments and items

Parameters

| | |
|---------------|--|
| <i>option</i> | '0' - print Z report, '2' - print X report |
|---------------|--|

Returns

Dictionary with keys:

| | |
|-----------|---|
| closure | Number of Z-report (4 bytes). |
| fMTTotal | Total accumulated sum (12 bytes with sign). |
| totalsumA | Total accumulated sum by tax group A(12 bytes with sign). |
| totalsumB | Total accumulated sum by tax group B(12 bytes with sign). |
| totalsumC | Total accumulated sum by tax group C(12 bytes with sign). |
| totalsumD | Total accumulated sum by tax group D(12 bytes with sign). |
| totalsumE | Total accumulated sum by tax group E(12 bytes with sign). |
| totalsumF | Total accumulated sum by tax group F(12 bytes with sign). |
| totalsumG | Total accumulated sum by tax group G(12 bytes with sign). |
| totalsumH | Total accumulated sum by tax group H(12 bytes with sign). |

1.1.2.209 report_ExtDailyClosure_01()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.report_ExtDailyClosure_01 (
    string option )
```

Extended daily closure

Parameters

| | |
|---------------|--|
| <i>option</i> | '0' - print Z report, '2' - print X report |
|---------------|--|

Returns

Dictionary with keys:

| | |
|-----------|---|
| closure | Number of Z-report (4 bytes). |
| fMTTotal | Total accumulated sum (12 bytes with sign). |
| totalsumA | Total accumulated sum by tax group A(12 bytes with sign). |
| totalsumB | Total accumulated sum by tax group B(12 bytes with sign). |
| totalsumC | Total accumulated sum by tax group C(12 bytes with sign). |
| totalsumD | Total accumulated sum by tax group D(12 bytes with sign). |
| totalsumE | Total accumulated sum by tax group E(12 bytes with sign). |
| totalsumF | Total accumulated sum by tax group F(12 bytes with sign). |
| totalsumG | Total accumulated sum by tax group G(12 bytes with sign). |
| totalsumH | Total accumulated sum by tax group H(12 bytes with sign). |

1.1.2.210 report_FMByDateRange()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.report_FMByDateRange (
    string fromDate,
    string toDate )
```

Extended fiscal memory report by date

Parameters

| | |
|-----------------|---------------------|
| <i>fromDate</i> | Start date (DDMMYY) |
| <i>toDate</i> | End date (DDMMYY) |

1.1.2.211 report_FMByDateRange_Short()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.report_FMByDateRange_Short (
    string fromDate,
    string toDate )
```

Short fiscal memory report by date

Parameters

| | |
|-----------------|---------------------|
| <i>fromDate</i> | Start date (DDMMYY) |
| <i>toDate</i> | End date (DDMMYY) |

1.1.2.212 report_FMByNumRange()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.report_FMByNumRange (
    string startNumber,
    string endNumber )
```

Fiscal memory report by numbers

Parameters

| | |
|--------------------|------------------------------|
| <i>startNumber</i> | Start block number (4 bytes) |
| <i>endNumber</i> | End block number (4 bytes) |

1.1.2.213 report_FMByNumRange_Short()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.report_FMByNumRange_Short (
    string startNumber,
    string endNumber )
```

Short fiscal memory by blocks

Parameters

| | |
|--------------------|-------------------------------|
| <i>startNumber</i> | Start number of fiscal record |
| <i>endNumber</i> | End number of fiscal record |

1.1.2.214 report_Items()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.report_Items (
    string option )
```

PLU report

Parameters

| | |
|---------------|---|
| <i>option</i> | 'S' - Printed PLU sale only from the current day. For every item is printed item's number, tax group, name, sold quantity and turnover; 'P' - Printed all PLU sales. For every item is printed item's number, tax group, stock group, name, barcode, department, price type, and single price |
|---------------|---|

Returns

Dictionary with key:

| | |
|-----------|---------------------|
| errorCode | P(pass) or F(fail). |
|-----------|---------------------|

1.1.2.215 report_Items_InRange()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.report_Items_InRange (
    string option,
    string startPLU,
    string endPLU )
```

PLU report

Parameters

| | |
|-----------------|---|
| <i>option</i> | 'S' - Printed PLU sale only from the current day.For every item is printed item's number,tax group,name,sold quantity and turnover; 'P' - Printed all PLU sales. For every item is printed item's number,tax group,stock group,name,barcode,department, price type,and single price |
| <i>startPLU</i> | Start PLU (1 ... 999999999.) |
| <i>endPLU</i> | End PLU (1 ... 999999999.) |

Returns

Dictionary with key:

| | |
|-----------|---------------------|
| errorCode | P(pass) or F(fail). |
|-----------|---------------------|

1.1.2.216 report_Items_InRangeByGroup()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.report_Items_InRangeByGroup (
    string option,
    string startPLU,
    string endPLU,
    string group )
```

PLU report

Parameters

| | |
|-----------------|---|
| <i>option</i> | 'S' - Printed PLU sale only from the current day.For every item is printed item's number,tax group,name,sold quantity and turnover; 'P' - Printed all PLU sales. For every item is printed item's number,tax group,stock group,name,barcode,department, price type,and single price |
| <i>startPLU</i> | Start PLU (1 ... 999999999.) |
| <i>endPLU</i> | End PLU (1 ... 999999999.) |
| <i>group</i> | Stock group (1...9) |

Returns

Dictionary with key:

| | |
|-----------|---------------------|
| errorCode | P(pass) or F(fail). |
|-----------|---------------------|

1.1.2.217 report_Operators()

```
void FiscalPrinterSDK.FDGROUP_B_BGR.report_Operators ( )
```

Operators' report

1.1.2.218 service_Set_DecimalAndTaxRates()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.service_Set_DecimalAndTaxRates (
    string inpMultiplier,
    string inpDecimals,
    string inpCurrencyName,
    string inpEnabledMask,
    string inpTaxA,
    string inpTaxB,
    string inpTaxC,
    string inpTaxD,
    string inpTaxE,
    string inpTaxF,
    string inpTaxG,
    string inpTaxH )
```

Set decimals and tax rates

Parameters

| | |
|------------------------|--|
| <i>inpMultiplier</i> | From 0 to 3. Currently deactivated and not used. |
| <i>inpDecimals</i> | 1 byte with value between 0 and 2, shows number of digits after decimal point. |
| <i>inpCurrencyName</i> | Currency name (up to 3 bytes) |
| <i>inpEnabledMask</i> | 8 bytes with value 0 or 1, shows if a tax group A,B ... or H is enabled or not |
| <i>inpTaxA</i> | Tax rate A value |
| <i>inpTaxB</i> | Tax rate B value |
| <i>inpTaxC</i> | Tax rate C value |
| <i>inpTaxD</i> | Tax rate D value |
| <i>inpTaxE</i> | Tax rate E value |
| <i>inpTaxF</i> | Tax rate F value |
| <i>inpTaxG</i> | Tax rate G value |
| <i>inpTaxH</i> | Tax rate H value |

Returns

Dictionary with keys:

| | |
|-----------------|---|
| outMultiplier | From 0 to 3. Currently deactivated and not used. |
| outDecimals | 1 byte with value between 0 and 2, shows number of digits after decimal point. |
| outCurrencyName | Currency name (up to 3 bytes) |
| outEnabledMask | 8 bytes with value 0 or 1, shows if a tax group A,B ... or H is enabled or not. |
| outTaxA | Tax rate A value. |
| outTaxB | Tax rate B value. |
| outTaxC | Tax rate C value. |
| outTaxD | Tax rate D value. |
| outTaxE | Tax rate E value. |
| outTaxF | Tax rate F value. |
| outTaxG | Tax rate G value. |
| outTaxH | Tax rate H value. |

1.1.2.219 service_Set_ProductionTestArea()

```
Dictionary<string, string> FiscalPrinterSDK.FDGROUP_B_BGR.service_Set_ProductionTestArea (
    string option )
```

Test of fiscal memory

Parameters

| | |
|---------------|-----------------------------------|
| <i>option</i> | 'T' - for saving in fiscal memory |
|---------------|-----------------------------------|

Returns

Dictionary with keys:

| | |
|-------------|---|
| errorCode | 'P' - Command is executed correctly, 'F' - Command is declined. |
| freeRecords | Number of records left |

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