Exporting and Importing Balances

Contents

| INTRODUCTION | 1 |
|--|----|
| CHAPTER 1. PIPE PARAMETERS | 2 |
| Parameters for Pipe "RBS. Balances Import.dll" | 2 |
| Parameters for Pipe "RBS. Adv Balances Export.dll" | 4 |
| CHAPTER 2. FILE FORMATS | 6 |
| Balance File | 6 |
| Response File | 13 |

Introduction

Way^{4TM} allows balance information (amount remaining on contract amounts) to be exported and imported to the banking system.

Balance import is supported through the pipe "RBS. Balances Import.dll", that imports balances by creating financial documents on the difference between the contract balance at the start of day and the imported balance. The balance at the start of day is defined by the current balance value reached after processing financial documents on account activity during the day. After documents on the balance difference have been created, the system will run the acceptance procedure, after which funds will be transferred to and from contract accounts.

Balance export is supported by pipe "RBS. Adv Balances Export.dll".

Chapter 1. Pipe Parameters

Parameters for Pipe "RBS. Balances Import.dll"

| Parameter | Value | Parameter Description |
|-------------------|--|--|
| CR_MESS_CODE | Message code | Message code for crediting payment documents. This code is used when creating financial documents for correcting balances after importing. Payments with this code are not counted when determining the balance at the start of day from the current balance if balances were imported again during the day. Codes are defined in the <i>Code</i> table at "Full → Configuration Setup → Transaction Types → Message Types - All". |
| DR_MESS_CODE | Message code | Message code for debiting payment documents. This code is used to create financial documents for correcting balances after importing. Payments with this code are not counted when determining the balance at the start of day from the current balance if balances were imported again during the day. Codes are defined in the <i>Code</i> table at "Full → Configuration Setup → Transaction Types → Message Types - All". |
| COMMIT_INTERVAL | Whole positive integer | Parameter determining the quantity of balance records that serves as the interval before the pipe commits the changes to the Way4 database. Default value is "5". |
| ADD_MESS_CODES | ' <message code>', '<message code>',</message </message | Message code for financial documents that are not counted when the system determines the balance at the start of day from the current balance value. Codes are defined in the <i>Code</i> field of the table found at "Full → Configuration Setup → Transaction Types → Message Types - All". |
| EXTENDED_ERR_MESS | Y/N | Parameter showing whether the full list of errors created by processing the payment document will be included in the outgoing response file. Default value is "N" (only one error message code will be included). |
| ACC_FILTER | Condition fragment | Fragment of condition WHERE, added to operator SELECT for filtering accounts that are included in the contract balance. Default value is "a.IS_AM_AVAILABLE='Y'". |
| TEMPL_FILTER | Condition fragment | Fragment of condition WHERE added to the SELECT operator for filtering accounts, used to check that the account is available in the necessary currency. Default value is "tp.IS_AM_AVAILABLE='Y'". |

| Parameter | Value | Parameter Description |
|-------------------------------|------------------------|--|
| FILE_DATE_DELAY | Whole positive integer | Parameter used to check dates on imported files. If this parameter is defined, then the date for the balances in the file will be the current banking date minus the number of banking days indicated in the parameter value. If the parameter has not been defined, dates in imported files are not checked. When loading files with balances whose dates are not the same as the current banking date, balances are reset as those at the start of the banking date. |
| INSPECT_SENDER | Y/N | Parameter defining for which financial institutions balances are imported: "Y" – import balances only for contracts of financial institutions shown in the file header; "N" – import balances for contracts of all financial institutions whose accounts are shown in the file; this value is used as default. |
| NOT_CHANGED_MESS | Y/N | Parameter defining whether messages for processed contracts whose balances were not changed after importing will appear in the process log. Default value is "N". |
| CHECK_CURR | Y/N | Parameter that is responsible for balance currency check. When set to "Y", the system checks whether the currency of an imported balance file and the contract currency are the same. If they are not, an error message is generated and the balance file is not imported. Default value is "N". |
| RESP_FOR_DUPL_FILES | Y/N | When set to "Y", when the system attempts to import an already imported file, a response file will be created stating that the file was already imported. The imported file will be sent to the bad file directory. The default value is "N". In this case, the response file is not created and the imported file remains in the outgoing directory, and an error message will be created during the second import process. |
| RESP_FOR_INVALID_BAL_ DATE | Y/N | When set to "Y", an imported balance file is rejected and a response file is generated in the event that the file date does not meet the import conditions (see the "FILE_DATE_DELAY" parameter). It is impossible to import a rejected file one more time. When set to "N", an imported balance file is not imported and an error message is generated in the event that the file date does not meet the import conditions. In this mode, it is possible to import a file one more time after changing import parameters. Default value is "N". |

Parameters for Pipe "RBS. Adv Balances Export.dll"

| Parameter | Value | Parameter Description |
|-------------|--|---|
| FILTER | Condition fragment | Fragment of condition WHERE, added to operator SELECT. For example: "(c.f_i = 1)". |
| SOURCE_HINT | Parameter of operator SELECT | A HINT parameter added to operator SELECT. For example: "/*+ALL_ROWS*/". This parameter is only used when working with Oracle DBMS. |
| FL_PREFIXES | <account code="">- <pre><pre><pre>code>- <pre>code>- <pre< td=""><td>Parameter defining file prefixes, if balances are grouped by account type through parameter BREAK_BY.</td></pre<></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></account> | Parameter defining file prefixes, if balances are grouped by account type through parameter BREAK_BY. |
| BREAK_BY | CURRENCY, ACC_CODE, ZIP_CODE | Parameter indicating by which criteria the balance statement is broken up. The parameter value is selected from the following list: "CURRENCY" – balances of contract accounts are exported to file according to account currency; this grouping is only allowed if the GROUP_BY parameter is set to "NO"; "ACC_CODE" – balances of contract accounts are exported to file according to account codes; this grouping is only allowed if the GROUP_BY parameter is set to "NO"; "ZIP_CODE" – balances of contract accounts are exported to file according to the client record's ZIP_CODE value for the contract containing account data. Examples of parameter combinations: "CURRENCY,ACC_CODE" (grouped by currency and account codes, i.e. each file will show records for one currency and one account code), "ZIP_CODE, CURRENCY" (grouped by ZIP_CODE values and currency), "CURRENCY,ACC_CODE,ZIP_CODE" (grouped by currency, account codes and ZIP_CODE). If the parameter is not defined, then all balances are exported in one common file. |
| GROUP_BY | CONTRACT/ CURRENCY/ NO | Parameter defining how data is grouped in exported files: "CONTRACT" (by contract) – the contract's amount available is exported as the balance, this value can only be used for contracts having accounts in one currency; "CURRENCY" (by currency) – the totaled balance for contract accounts of one currency for each contract is exported; "NO" – grouping does not occur, this value is used as default. |

| Parameter | Value | Parameter Description |
|---------------------|--------------------|---|
| OEM | Y/N | Parameter defining encoding for the data to be exported: "Y" – data is exported in OEM (DOS); "N" – data is exported in Windows encoding, this value is used as default. |
| USE_RBS_NUMBER | Y/N | Parameter indicating whether an RBS number will be exported instead of the contract number. Default value is "N". |
| REAL_AM_AVAIL | Y/N | Parameter defining how the contract's amount available will be defined: "Y" – through procedure blk.GET_AVAILABLE_R; "N" – by the amount of the contract's AMOUNT_AVAIL field; this value is used as default. |
| SENDER_CODE | 4-6-character code | Code used as the sender code. The sender code is used to create the name of the mail directory to which files will be imported when creating the file name and header. If the parameter value is not defined, then the value of ZIP_CODE will be used as the sender code (if the BREAK_BY parameter is set to group by ZIP_CODE) or the value of the <i>Branch Code</i> field in the table at "Full → Configuration Setup → Main Tables → Financial Institutions". |
| RESP_FOR_DUPL_FILES | Y/N | When set to "Y", when the system attempts to import an already imported file, a response file will be created stating that the file was already imported. The imported file will be sent to the bad file directory. The default value is "N". In this case, the response file is not created and the imported file remains in the outgoing directory, and an error message will be created during the second import process. |
| BANK_DATE_FOR_FI | Y/N | If the value of this parameter is "Y", the banking date of the appropriate financial institution is used as the extension of unloaded files. If the value of this parameter is "N" (default), then the date entered by the user as requested by the system when the menu item is executed is used as the extension. If the user fails to enter the date, the banking date of the head financial institution is used as the extension of unloaded files. All the dates are in Julian representation. This functionality allows for Time Zones. |

Chapter 2. File Formats

Balance File

The balance file contains data on the amount remaining in contract accounts. File data may be either outgoing or incoming for the WAY4 system.

File data is stored in ASCII format. The entry length is 395 bytes, including two bytes of delimiters (CRLF). Each row in the file contains a message. Types of messages in the file are the file header, the file trailer, and the balance message. The first file message is the file header. The last file message is the file trailer.

Field formats:

- **n** numerical field containing only integers, right-justified and padded to the indicated length to the left with zeros.
- an character field that may contain any printable characters, left-justified and padded to the indicated length to the right with spaces.
- **JJJ** date, where JJJ is the sequential number of the day in the year (001 ... 366).
- **YYMM** date, where YY are the last two numerals in the year (00 ... 99), MM is the numerical value of the month in the year (01 ... 12).
- **YYYYMMDD** date, where YYYY is the year (0000 ... 9999), MM is the sequential number of the month in the year (01 ... 12), DD is the sequential number of the day in the month (01 ... 31).
- **b** binary field used only for delimiter symbols.

Money amounts are presented in minimal currency units (cents, pence...)

Usage indicators for data elements are as follows:

- **M** field is mandatory;
- **O** field is optional;
- C data entry depends on values in other fields.
- n/a field is not used.

If the field is not filled, it should contain spaces.

If the table is split in two parts, the upper part relates to import and the lower part to export.

File name:

| No. | Field | Pos | Len | Usage | Format | Value |
|-----|--|-----|-----|-------|--------|---|
| 1. | File Name Prefix | 1 | 1 | М | an | "B", if the file contains balances for various account types. If files have been created for account types when exporting data, the field value is defined according to the value of the export pipe's parameter FL_PREFIXES. |
| 2. | File Sender (Short) File Receiver (Short) | 2 | 4 | M | an | The sender ID. Codes are defined in the <i>Member ID</i> field of the BIN table ("Full → Configuration Setup → Routing → BIN Groups → [BIN Table]"). If the code length in the table is less than 4 characters, then it is padded to the right with spaces. If the length of a code in the table is 5 characters, the first 4 characters are used; if the code length is 6 characters, characters 2-5 are used. The receiver ID. The field value is |
| | | | | | | set by the value of ZIP_CODE if the BREAK_BY pipe parameter is set to group balances by ZIP_CODE, otherwise it is the Branch Code field value in the table at "Full → Configuration Setup → Main Tables → Financial Institutions". If the code length in the table is less than 4 characters, it is padded to the right with zeros. If the length of a code in the table is 5 characters, the first 4 characters are used; if the code length is 6 characters, characters 2-5 are used. |
| 3. | File Currency (Short) | 6 | 2 | М | an | "" (two underline symbols). If the file contains balances in one currency, the field will contain the first two characters of the 3-character alphabetic code in ISO-4217. Otherwise the field is filled with underline symbols. |
| 4. | File Number (Short) | 8 | 1 | М | n | Sequential file number for that day. |
| 5. | Delimiter | 9 | 1 | М | an | Delimiter symbol "." |
| 6. | Balances Date (Short) | 10 | 3 | М | JJJ | Date of balances sent in the file. |

File header:

| No. | Field | Pos | Len | Usage | Format | Value |
|-----|----------------------------|-----|-----|-------|----------|---|
| 1. | Row Code | 1 | 2 | М | an | "FH" |
| 2. | Row Number | 3 | 6 | М | n | Row number in the file ("000001" –for the header). |
| 3. | File Label | 9 | 10 | М | an | "BALANCES" |
| 4. | Version | 19 | 3 | М | an | "30" |
| 5. | File Sender File Receiver | 22 | 6 | M | an | Sender ID. Codes are defined in the <i>Member ID</i> field of the BIN table ("Full → Configuration Setup → Routing → BIN Groups → [BIN Table]"). Receiver ID. Codes are defined by the value of pipe parameter SENDER_CODE when the indicated parameter is not defined and the pipe parameter BREAK_BY is set to group balances by ZIP_CODE, otherwise the ID is defined by the value of the <i>Branch Code</i> field in the table found at "Full → Configuration Setup → Main Tables → Financial Institutions". |
| 6. | File Creation Date | 28 | 8 | М | YYYYMMDD | File creation date |
| 7. | File Creation Time | 36 | 6 | М | HHMMSS | File creation time |
| 8. | Reserved | 42 | 3 | М | n | "000" |
| 9. | File Number | 45 | 1 | М | n | Sequential number of the file within the day. |
| 10. | Financial Institution | 46 | 6 | M | an | ID of the financial institution to which the contract belongs. Codes are defined in the <i>Branch Code</i> field in the table "Full → Configuration Setup → Main Tables → Financial Institutions". ID of the financial institution to which the contract belongs. |
| 11. | Receiving Member ID | 52 | 16 | M | an | Receiver code in the sender channel code for the payment document. ID of the financial institution to which the contracts belong. |

| No. | Field | Pos | Len | Usage | Format | Value |
|-----|------------------------------------|-----|-----|----------|----------|---|
| 12. | Balances Date | 68 | 8 | М | YYYYMMDD | Date of balances sent in the file. |
| 13. | Check Level | 76 | 1 | M | an | Level at which the file will be rejected when an error is found: "F" — the entire file is rejected if an error is found, "R" — only messages for balances where the contract was not found or where the value of the file's Short Name field is not the same as the value of the field of the same name in the WAY4 database. |
| 14. | Contract Identification Type | 77 | 1 | M | an | Contract ID method: "C" – by the contract number in the WAY4 database, "R" – by RBS number. |
| 15. | Short Name Checking | 78 | 1 | M | an | Check that the client name in the file is the same as that in the WAY4 system database: "Y" – check, "N" – not check. |
| 16. | Data Charset | 79 | 1 | М | an | Character code page: "D" – MS DOS, "W" – MS Windows. |
| 17. | File Currency | 80 | 3 | n/a C | an | Numerical code (in ISO-4217) of the balance currency sent in the file. Field is filled if the file contains balances in one currency. |
| 18. | File Account Type | 83 | 32 | n/a C | | Account type code. Filled if the file contains balances for accounts of one type. |
| 19. | Reserved | 115 | 278 | М | an | Filled with spaces. Reserved for use in future versions. |
| 20. | Terminal Symbol | 393 | 1 | М | an | Symbol "*" |
| 21. | Delimiter | 394 | 2 | М | b | 0x0D, 0x0A (CRLF) |

File trailer:

| No. | Field | Pos | Len | Usage | Format | Value |
|-----|------------|-----|-----|-------|--------|-------------------------|
| 1. | Row Code | 1 | 2 | М | an | "FT" |
| 2. | Row Number | 3 | 6 | М | n | Row number in the file. |

| No. | Field | Pos | Len | Usage | Format | Value |
|-----|--------------------|-----|-----|-------|--------|---|
| 3. | Number of Records | 9 | 6 | М | n | Number of records in the file. |
| 4. | Total Amount | 15 | 18 | M | n | Control amount in the Current Balance field of all balance messages. Totals are made without counting currencies, decimal points and signs. |
| 5. | Reserved | 33 | 360 | М | an | Filled with spaces. Reserved for use in future versions. |
| 6. | Terminal Symbol | 393 | 1 | М | an | Symbol "*" |
| 7. | Delimiter | 394 | 2 | М | b | 0x0D, 0x0A (CRLF) |

Balance statement:

| No. | Field | Pos | Len | Usage | Format | Value |
|-----|-------------------------------------|-----|-----|-----------------|--------|--|
| 1. | Row Code | 1 | 2 | М | an | "RD" |
| 2. | Row Number | 3 | 6 | М | n | Row number in the file. |
| 3. | Contract Number | 9 | 32 | М | an | Contract number. |
| 4. | Contract Number Specification | 41 | 2 | С | an | Parameter defining the contract number: values of fields Source_Spc or Target_Specification in the document belonging to the contract, if the contract is counted in the transaction as a channel source or target, respectively. |
| 5. | Main Contract Number | 43 | 32 | n/a M | an | Main contract number. |
| 6. | Contract Name | 75 | 32 | n/a O | an | Contract name. |
| 7. | Client Short Name | 107 | 32 | C M | an | Short client name. |
| 8. | Authorization Scenario | 139 | 1 | <u>n/a</u> M | an | Authorization scenario: "0" — contract's amount available is not checked; "Y" — the lesser amount among the contract amount available and the main contract's amount available; "N" — only the main contract's amount available is checked. |
| 9. | Contract Currency | 140 | 3 | n/a M | an | Numerical account currency code for the contract in ISO-4217. |

This information is confidential and must be used exclusively to run OpenWay programs. It may not be duplicated, published or disclosed without written permission from OpenWay Group.

| No. | Field | Pos | Len | Usage | Format | Value |
|-----|----------------------------------|-----|-----|-----------------|--------|--|
| 10. | Contract Currency Exponent | 143 | 1 | n/a M | An | Number of places in the decimal part of the contract current amount. |
| 11. | Credit Limit | 144 | 15 | n/a M | N | Contract credit limit amount. |
| 12. | Credit Limit Sign | 159 | 1 | <u>n/a</u> M | an | Credit limit sign: "C" – positive balance, "D" – negative balance, " " (space symbol) – zero balance. |
| 13. | Available Amount | 160 | 15 | n/a M | N | Contract's amount available |
| 14. | Available Amount Sign | 175 | 1 | <u>n/a</u> M | an | Amount available sign: "C" – positive balance, "D" – negative balance, " " (space symbol) – zero balance. |
| 15. | Blocked Amount | 176 | 15 | n/a M | N | Amount blocked in contract accounts. |
| 16. | Blocked Amount Sign | 191 | 1 | <u>n/a</u> M | an | Sign of amount blocked in contract accounts: "C" – positive balance, "D" – negative balance, " " (space symbol) – zero balance. |
| 17. | Sub Blocked Amount | 192 | 15 | <u>n/a</u> M | N | Amount blocked on sub- contract accounts. |
| 18. | Sub Blocked Amount Sign | 207 | 1 | <u>n/a</u> M | an | Amount blocked on subcontract accounts: "C" – positive balance, "D" – negative balance, " " (space symbol) – zero balance. |
| 19. | Total Amount | 208 | 15 | n/a M | N | Contract balance. |
| 20. | Total Amount Sign | 223 | 1 | n/a | an | Contract balance sign: "C" – positive balance, "D" – negative balance, " " (space symbol) – zero balance. |
| 21. | Sub Total Amount | 224 | 15 | n/a M | n | Sub-contract sign. |
| 22. | Sub Total Amount Sign | 239 | 1 | <u>n/a</u> M | an | Sub-contract balance sign: "C" – positive balance, "D" – negative balance, " " (space symbol) – zero balance. |

This information is confidential and must be used exclusively to run OpenWay programs. It may not be duplicated, published or disclosed without written permission from OpenWay Group.

| No. | Field | Pos | Len | Usage | Format | Value |
|-----|-----------------------------------|-----|-----|-----------------|--------|---|
| 23. | Account Type | 240 | 1 | n/a C | an | The first character of an account type code. |
| 24. | Account Number | 241 | 32 | n/a C | an | Account number. |
| 25. | Account Balance Currency | 273 | 3 | M C | an | Numerical account currency code in ISO-4217. |
| 26. | Account Balance Currency Exponent | 276 | 1 | <u>O</u> C | an | Number of places in the decimal part of the contract current amount. |
| 27. | Account Balance | 277 | 15 | M C | N | Account balance. |
| 28. | Account Balance Sign | 292 | 1 | <u>M</u> C | an | Account balance sign: "C" – positive balance, "D" – negative balance, " " (space symbol) – zero balance. |
| 29. | Contract Status | 293 | 2 | n/a M | an | Contract status code. Codes are configured in the form "Full → Contract Types → Contract Statuses". |
| 30. | Card Expiry Date | 295 | 4 | n/a C | YYMM | Card expiry date. |
| 31. | Full Account Type | 299 | 32 | <u>n/a</u> M | an | Account type code. |
| 32. | GL Number | 331 | 62 | М | an | Account number in the GL. |
| 33. | Terminal Symbol | 393 | 1 | М | an | Symbol "*" |
| 34. | Delimiter | 394 | 2 | М | b | 0x0D, 0x0A (CRLF) |

Response File

This file is sent by the WAY4 system as a response to the incoming balance file, and confirms that the file has been accepted and contains information on errors in the incoming file.

The response file is created in the outgoing mail directory of the corresponding financial institution.

File data is stored in ASCII format. The entry length is 207 bytes, including two bytes of delimiters (CRLF). Each row in the file contains a message. Types of messages in the file are the file header, the file trailer, and the information message. The first file message is the file header. The last file message is the file trailer. If there are no errors, the file will not contain information messages.

Field formats:

- **n** numerical field containing only integers, right-justified and padded to the indicated length to the left with zeros.
- an character field that may contain any printable characters, left-justified and padded to the indicated length to the right with spaces.
- **JJJ** date, where JJJ is the sequential number of the day in the year (001 ... 366).
- **YYMM** date, where YY are the last two numerals in the year (00 ... 99), MM is the numerical value of the month in the year (01 ... 12).
- YYYY/MM/DD date, where YYYY is the year (0000 ... 9999), MM is the sequential number of the month in the year (01 ... 12), DD is the sequential number of the day in the month (01 ... 31).
- **HH:MI:SS** time, where HH are hours (00 ... 23), MI are minutes (00 ... 59), SS are seconds (00 ... 59).
- **b** binary field used only for delimiter symbols.

Money amounts are presented in minimal currency units (cents, pence...)

Usage indicators for data elements are as follows:

- **M** field is mandatory;
- **O** field is optional;
- C data entry depends on values in other fields.

If the field is not filled, it should contain spaces.

File name structure:

| No. | Field | Pos | Len | Usage | Format | Value |
|-----|-----------------------|-----|-----|-------|--------|---|
| 1. | File Name Prefix | 1 | 1 | М | an | "J" |
| 2. | Inward File Sender | 2 | 4 | M | an | Sender code for the incoming file, left-justified, padded to the right with zeros. Corresponds with the value of the <i>File Sender</i> field of the incoming file. |
| 3. | Delimiter | 6 | 1 | М | an | "_" (underline symbol). |
| 4. | Inward File Number | 7 | 2 | M | n | Sequential number of the incoming file within the current day. Corresponds with the value of the File Number field of the incoming file. |
| 5. | Delimiter | 9 | 1 | М | an | Divider symbol "." |
| 6. | Inward File Date | 10 | 3 | M | JJJ | Creation date of the incoming file. Corresponds with the <i>File Date</i> field value of the incoming file. |

File name structure:

| | The name | | 1 | | | |
|-----|-----------------------|-----|-----|-------|------------|--|
| No. | Field | Pos | Len | Usage | Format | Value |
| 1. | Row Code | 1 | 2 | М | an | "FH" |
| 2. | Row Number | 3 | 6 | М | n | Row number in the file ("000001" –for the header). |
| 3. | Filler | 9 | 1 | М | an | Filler symbol. |
| 4. | File Label | 10 | 10 | М | an | "BAL-RESP" |
| 5. | Filler | 20 | 1 | М | an | Filler symbol |
| 6. | Version | 21 | 3 | М | an | Version number |
| 7. | Filler | 24 | 1 | М | an | Filler symbol |
| 8. | Inward File Sender | 25 | 6 | М | an | Sender code for the incoming file. Left-justified and padded to the right with spaces. Corresponds with the <i>File Sender</i> field of the incoming file. |
| 9. | Filler | 31 | 1 | М | an | Space symbol |
| 10. | Inward File Date | 32 | 10 | М | YYYY/MM/DD | Creation date of the incoming file. Corresponds with the value of the <i>File Date</i> field of the incoming file. |
| 11. | Filler | 42 | 1 | М | an | Space symbol |

This information is confidential and must be used exclusively to run OpenWay programs. It may not be duplicated, published or disclosed without written permission from OpenWay Group.

| No. | Field | Pos | Len | Usage | Format | Value |
|-----|-----------------------|-----|-----|-------|------------|---|
| 12. | Inward File Time | 43 | 8 | М | HH:MI:SS | Creation time of the incoming file. Corresponds to the <i>File Time</i> field of the incoming file. |
| 13. | Filler | 51 | 1 | М | an | Space symbol |
| 14. | Reserved | 52 | 3 | М | n | Filled with zeros. |
| 15. | Inward File Number | 54 | 2 | М | n | Sequential number of the incoming file for the day. Corresponds with the <i>File Number</i> field of the incoming file. |
| 16. | Filler | 56 | 1 | М | an | Space symbol. |
| 17. | File Date | 57 | 10 | М | YYYY/MM/DD | Response file creation date. |
| 18. | Filler | 67 | 1 | М | an | Filler symbol. |
| 19. | File Time | 68 | 8 | М | HH:MI:SS | Response file creation time |
| 20. | Filler | 76 | 129 | М | an | Space symbol |
| 21. | Terminal Symbol | 205 | 1 | М | an | Symbol "*" |
| 22. | Delimiter | 206 | 2 | М | b | 0x0D, 0x0A (CRLF) |

File trailer structure:

| No. | Field | Pos | Len | Usage | Format | Value |
|-----|-----------------------------------|-----|-----|-------|--------|--|
| 1. | Row Code | 1 | 2 | М | an | "FT" |
| 2. | Row Number | 3 | 6 | М | n | Row number in the file. |
| 3. | Filler | 9 | 1 | М | an | Filler symbol. |
| 4. | Number of Messages | 10 | 6 | М | n | Number of information messages in the file. |
| 5. | Filler | 16 | 1 | М | an | Filler symbol. |
| 6. | File Response Flag | 17 | 23 | М | an | File response flag: "FILE REJECTED" – file rejected; "FILE ACCEPTED" – file accepted; "FILE ACCEPTED PARTIALLY" – file accepted partially, several balance entries were rejected. |
| 7. | Filler | 40 | 1 | М | an | Filler symbol. |
| 8. | Number of Accepted Balances | 41 | 6 | М | n | Number of accepted balance messages. |
| 9. | Filler | 47 | 1 | М | an | Filler symbol. |
| 10. | Number of Rejected | 48 | 6 | М | n | Number of rejected balance messages. |

This information is confidential and must be used exclusively to run OpenWay programs. It may not be duplicated, published or disclosed without written permission from OpenWay Group.

| No. | Field | Pos | Len | Usage | Format | Value |
|-----|-----------------|-----|-----|-------|--------|---------------------|
| | Balances | | | | | |
| 11. | Reserved | 54 | 151 | М | an | Filled with spaces. |
| 12. | Terminal Symbol | 205 | 1 | М | an | Symbol "*" |
| 13. | Delimiter | 206 | 2 | М | b | 0x0D, 0x0A (CRLF) |

Information message structure:

| No. | Field | Pos | Len | Usage | Format | Value |
|-----|---------------------------|-----|-----|-------|--------|--|
| 1. | Row Code | 1 | 2 | М | an | "RD" |
| 2. | Row Number | 3 | 6 | М | n | Row number in the file. |
| 3. | Filler | 9 | 1 | М | an | Filler symbol. |
| 4. | Inward Row Number | 10 | 6 | С | n | Row number in the incoming file. |
| 5. | Filler | 16 | 1 | М | an | Filler symbol |
| 6. | Inward Contract Number | 17 | 32 | С | an | Contract number in the incoming file. This field is filled for error messages if the contract number was read during the import process. |
| 7. | Filler | 49 | 1 | М | an | Filler symbol |
| 8. | Message | 50 | 100 | М | an | Error description |
| 9. | Filler | 150 | 1 | М | an | Filler symbol |
| 10. | Error Code | 151 | 4 | М | an | Error code |
| 11. | Reserved | 155 | 50 | М | an | Filled with spaces |
| 12. | Terminal Symbol | 205 | 1 | М | an | Symbol "*" |
| 13. | Delimiter | 206 | 2 | М | b | 0x0D, 0x0A (CRLF) |