SWIFT MT940
UBB Format Description

Sofia, Bulgaria

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Document version history

Version	Date	Changes
1.0	24-1-2024	Initial version

Introduction

This document aims to outline the structure and application of the MT940 format, utilized in UBB services for account statements. The format is based on the SWIFT format for statements specifically on the MT940 message. This message is generated daily and can be accessed through SWIFT channel or UBB online. MT940 can be generated upon client's request, whether there are transactions (movements) on client`s account or not. This ensures that even in the absence of account activity, the account statement is produced, maintaining a continuous record of the account's status for that period. This feature is particularly useful for comprehensive monitoring and record-keeping, allowing for the consistent tracking of account status. It serves to document account transactions over a given period, facilitating automated processing in ERP systems.

Transaction Banking Payments MT940

The MT940 is a standard SWIFT (Society for Worldwide Interbank Financial Telecommunication) message for electronic bank UBB statements. Many software programs are able to process information stated in this international standard format. This document provides guidelines that enable companies to implement the MT940 statement into their systems.

This will greatly contribute to improved reconciliation and lead to higher efficiency. To fully benefit, some ERP systems should be improved and adapted based on the description in this document. The format can be easily processed and reconciled by an automated function.

The MT940 format delivers the information in a structured way to the customer.

The present layout is based on SWIFT Standards FIN, Category 9, Cash Management and Customer Status.

This document covers all UBB accounts.

The format description focuses on the implementation of MT940 and MT942 electronic bank UBB statements and contains the Framework defined by UBB.

Contents

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1. Layout Structured MT940

File contents

Each file consists of a header, introductory information about the account and about the statement, account movements(transactions) and closing information about the account.

- One statement covers one originator account.
- One statement covers one book day.
- One message contains one or more entries. In case of no transactions, this entry section is empty.

The layout file structure is displayed in the table below:

MT940	Status	Tag	Name
	M		Header 1 Swift header
	M	20	Transaction Reference Number
	M	25	Account Identification
	M	28C	Statement Number/Sequence Number
	M	60M	Open UBB Balance
	O	61	Statement Line
	O	86	Information to Account Owner
	M	62F	Closing UBB Balance (Booked Funds)
	O	64	Closing UBB Available Balance (Value Balance)
			Message Trailer Section

M - Mandatory

O - Optional

2. Message Header and Footer

2.1. Message Header MT940

The Message Header opens the MT940 message. It contains 1 line with SWIFT blocks 1, 2 and 4 and includes the sender and destination BIC. It will be populated with a value of:

`{1:F01UBBSBGS0AXXXSN...ISN.}{2:I940$$$$$$$$XXXXN}{3:{108:24029RRWGJ37627}}{4:`

In this example the sender BIC is UBBSBGSFXXX, and the destination BIC (receiving bank) is $$$$$$$, followed by contstant component XXX and XN (this field I940 consists of 13 symbols including the counterparty BIC) These values will be hardcoded in the statements.

2.2. Message Trailer MT940

The Footer Record closes the Domestic MT940 message. It will be populated with a fixed value of -}.

3. Tags names and specifications

Tag 20 **Transaction Reference Number (TRN)**

Mandatory

This tag specifies the reference assigned by the Sender to unambiguously identify the message. This field contains a UBB generated transaction reference. It will be populated with the date of the statement in format YYYYMMDD followed by the "-" and " Statement Number ".

Description	Pict	Content
Tag	4!x	:20:
Transaction Reference Number	16x	This field must not start or end with a slash '/' and must not contain two consecutive slashes '//'
CS2 (cr,lf)	2!x	hex0D0A

Example   20:20221021-159

Tag 25 **Account Identification**

Mandatory

This field identifies the account for which the statement is sent.

Description	Pict	Content
Tag	4!x	:25:
Account identification	35x	IBAN NB: 22 characters for BULGARIAN IBAN
CS2 (cr,lf)	2!x	hex0D0A

Example   :25:BG14UBBS81551004486715

Tag 28C **Statement Number/Sequence Number**

Mandatory

This field contains the sequential number of the statement, optionally followed by the sequence number of the message within that statement when more than one message is sent for one statement.

Description	Pict	Content
Tag	5!x	:28C:
Statement number	5n	Length.4 5 Conversion.4.1 PAGE.NO
CS2 (cr,lf)	2!x	hex0D0A

Example   :28C:159/1

Tag 60M   Opening Balance

Mandatory

This tag specifies, for the opening balance, whether it is a debit or credit balance, the date, the currency, and the amount of the balance.

Description	Pict	Content
Tag	5!x	:60F:
Opening Credit/ Debit Mark	1!x	C (= Credit); D (= Debit);
Opening Statement Date	6!n	YYMMDD
Closing Currency Code	3!x	ISO currency code
Opening Balance	15n	Amount with , (comma) as decimal point
CS2 (cr,lf)	2!n	hex0D0A

Example

: 60F:C240215BGN6005012,88

Tag 61   Statement Line

Optional

This field contains the details of each transaction.

Description	Subfield	Pict	Content
Tag		4!x	:61:
Value date	9	6!n	YYMMDD and SWIFT ERI
Entry date	10	4!n	MMDD
Credit/ Debit Mark	11	2x	C (= Credit); D (= Debit);
Transaction Amount	13	15n	
SWIFT Transaction Code	14	4!x	Transaction code is specified by the letter "N" followed by an indicator of the type of the entry.
Account Owner Reference	15	16x	Taken from the received entries when available or reference to a value in Tag86. When not available in Tag 86, the text 'NONREF' is used.
Account Servicing Reference	16	16x	// - Reference separator Conversion.16.2 FMT,32L
TXN CODE SWIFT	17	3n	TXN CODE SWIFT
CS2 (cr,lf)		2!n	hex0D0A

Example

:61:2210211021C78,00NMSCBS//3938233595113//BS.3-10-21-
2022938233595113-1 Principal - Make Due

Tag 86   Information to Account Owner

Optional

This field contains additional information about the transaction detailed in the preceding statement line and which is to be passed on to the account owner.

Description	Pict	Content
Tag	4!x	:86:
Information to account owner	6*65x	Lines start with business codes (1 to 4 digits) for the transactions at the beginning of the fields according to UBB nomenclature. Data that could be present: IBAN and name of the counterparty; BIC code and name of the of the bank of the originator or recipient (counterparty); Where it relates to a transaction fee the record contains amount and currency as well as information about the reference of the transaction to which it relates
CS2 (cr,lf)	2!n	hex0D0A

Example

:86: 245//PLASHTANE DANAK// TEST POLUCHATEL/ STSABGSF/ BG00STSA00000000000000//171030065/ BANKA DSK////20240201/ /

Tag 62F   Closing Balance (Booked Funds)

Mandatory

This tag specifies for the closing balance, whether it is a debit or credit balance, the date, the currency and the amount of the balance. Used option is F.

Description	Pict	Content
Tag	5!x	:62F:
Closing Credit/ Debit Mark	1!x	C (= Credit) or D (= Debit)
Closing statement date	6!n	YYMMDD
Closing currency code	3!x	ISO currency code
Total.1 Closing book balance	15n	Amount
CS2 (cr,lf)	2!n	hex0D0A

Example

62F:C221021BGN6008551,92

Tag 64 **Closing Available Balance (Available Funds)**

Optional

This field indicates the funds which are available to the account owner (if credit balance) or the balance which is subject to interest charges (if debit balance).

Description	Pict	Content
Tag	4!x	:64:
Closing Credit/ Debit Mark	1!x	C (= Credit) or D (= Debit)
Closing statement date	6!n	YYMMDD
Closing currency code	3!x	ISO currency code
Closing book balance	15n	Amount
CS2 (cr,lf)	2!n	hex0D0A

Example

64:**C221021BGN6008551,92**

Appendix A SWIFT format reference

In the definition of format of each message, tags are used as described in the SWIFT User Handbook. Tag content may be composed of one or several subfields. Length and content are defined for each tag. In order to specify length of different tags the follow UBB is used:

Restrictions on Length	
nn	Maximum length
nn!	Fixed length
n*nn	Maximum number of lines times maximum line length

Types of Characters Allowed	
n	Numeric digits [0..9] only
x	Any character of the SWIFT character set

Example:

2n	= up to 2 digits
6*65x	= up to 6 lines of up to 65 characters each

All tags shown in files are also validated against their presence. The status of tags is either mandatory or optional.

SWIFT character set

SWIFT uses the ISO level B character set with certain restrictions. The following characters are permitted:

- a b c d e f g h i j k l m n o p q r s t u v w x y z
- A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
- 0 1 2 3 4 5 6 7 8 9
- •   / - ? ( ) . , + ' { } : Space

More information

For more information, please contact us at: **cmsales@ubb.bg**