

**THE CENTRAL BANK OF THE RUSSIAN FEDERATION  
(BANK OF RUSSIA)**

**Unified Formats of  
Electronic Banking Messages of  
the Bank of Russia**

**EXCHANGE WITH CUSTOMERS OF THE BANK OF RUSSIA.  
DESCRIPTION OF EM ELEMENTS  
Exchange with the FMS**

**Version 2024.42.0**

**City of Moscow  
2023**



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## **1 Scope**

The main goal of developing the UFEBM is standardisation of the means and tools of interaction between the payment system of the Bank of Russia and the automated banking systems of customers as well as between customers in the course of the Bank of Russia's exercise of the functions of the payment infrastructure operator.

This document defines the formats of the electronic messages themselves. The formats have been developed on the basis of the widespread principle of text markup (used, in particular, by the SWIFT community in the FIN service, ISO 15022 and ISO 20022). As the markup language, by analogy with ISO 20022, XML is used, in connection with which files with XML schemas are an integral part of this document.

## 2 DESCRIPTION OF EM ELEMENTS

### 2.1 Element type description

Basic types are used to describe element types (see Table 1).

Table 1. Basic types

Basic type name	Definition
Date Time DateTime YearMonth Year	Used to designate a particular moment in a sequence of time. Designation of the date and time. <b>GMT is used.</b>
Identifier	A character string for setting a unique distinctive feature of one instance of an object within one system <sup>3)</sup> .
Indicator	A list of two mutually exclusive Boolean values that precisely reflect the only possible states of a property <sup>4)</sup> . Admissible values for elements with this type are 'false' as well as '0' and 'true' as well as '1'.
Code	A character string (letters, numbers, symbols) used to briefly (and/or irrespective of language) represent or replace particular values or text properties <sup>2)</sup> .
Quantity	A numerable quantity of non-monetary units. A quantity shall be given with units of measurement <sup>5)</sup> .
Currency exchange rate	The price of a monetary unit of one country expressed in the monetary units of another country. Numeric information defined by a sequence of positive numbers with a decimal fractional part.
Mass	The mass of something in mass units, for example, grammes, pounds, tonnes
Amount	A quantity of monetary units in the stipulated currency (by default).
Text	A character string, usually in a form of words of a particular language <sup>1)</sup> . Permitted characters are characters with decimal codes in the range [32–126] (Windows-1251, UTF-8 encoding), Russian letters in the range [А–Я] [а–я] and the symbol '№'.
TextFree	A character string. Used only for transmission of a free text.
TextXSWIFT	A character string. Permitted symbols are symbols in the X SWIFT set of symbols [A-Za-z0-9+?/:(){}.,'- CR LF space].
Number	Numeric information defined by a sequence of positive integers. Units of measurement are not required.
<sup>1)</sup> The basic type 'Text' is also used for names. <sup>2)</sup> The basic type 'Code' is not used if the character string identifies a class instance or a real-life object. In this case, the basic type 'Identifier' is used. <sup>3)</sup> The basic type 'Identifier' is also used for text strings for which the logical test of values does not apply. <sup>4)</sup> The basic type 'Indicator' is usually used to designate the states true/false, on/off, etc. <sup>5)</sup> The basic type 'Quantity' may be also used for provision of numerable quantities, such as pcs/m.	

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### Requirements for filling in the types:

- for all string types values consisting only of blank characters (#x20, #x9, #xD, #xA) are prohibited;
- for all string types, except for 'TextFree', permitted symbols are Unicode symbols from the range [#x20–#x7E], [#x0410–#x044F] and the symbols &#x0401;&#x0451;&#x2116;
- the ampersand (&) and left angle (<) symbols shall be masked using either the respective numeric reference to the symbol (&#x0026; or &#x003C; respectively) or the strings '&amp;' and '&lt;', respectively;
- the types 'Number', 'Sum', and 'Quantity' shall be filled in the 'canonic representation':
  - the preceding optional '+' sign is prohibited;
  - leading zeros are prohibited;
- the types 'Date', 'Time', 'YearMonth', and 'Year' must be filled in the 'canonic representation', not specifying a time zone:
  - 'Date' = YYYY-MM-DD;
  - 'Time' = hh:mm:ss;
  - 'YearMonth' = YYYY-MM;
  - 'Year' = YYYY;

where the following symbols are used in the components of the date and time of a day:

- YYYY shall mean the four digits of a year;
- YY shall mean the last two digits of a year;
- MM shall mean a month in the form of a two-digit number;
- DD shall mean a day of a month in the form of a two-digit number;
- hh shall mean an hour of a day in the 24-hour range in the form of a two-digit number;
- mm shall mean minutes in the form of a two-digit number;
- ss shall mean seconds in the form of a two-digit number.

### Element type description procedure

The types are used to define the set of valid values of elements. The set of valid values can be defined by defining a format or by a complete list of all possible values. Each type of element is based on a particular basic type.

The element type description consists of description components and is performed pursuant to the following template:

- the name of the basic type (Sum, Code, etc.);

- 
- a brief description of the element type;
  - an indication of the unit of measurement (in kopecks, in meters)—optional component of the description;
  - a reference to the standard, regulation, or directory describing the data format, whose description is provided in the Section 'Directories and Classifiers Used', shall be specified in square brackets—optional component of the description;
  - restrictions on the format—optional component of the description:
    - for string values: restrictions on the length (maximum, minimum, precise),
    - for numeric values: number of digits after the decimal point (or integer), minimum, maximum values;
  - for types inherited from the basic types 'Code' and 'Identifier':
    - data type (numeric or text),
    - length in characters (maximum, minimum, or precise),
    - possible values with an explanation, to be specified in brackets.

Each clause in the description shall be written as a separate sentence (clauses shall be divided by a full stop).

**Example: Identifier. Bank identification code; RCBIC. [RF BIC]. Numeric, 9-digit.**

**Explanation:**

- **Identifier. (Name of the basic type).**
- **Bank identification code (RCBIC). (Brief description of the type).**
- **[RF BIC]. (Reference to a regulation or directory describing the data format).**
- **Numeric, 9-digit. (Indication of the data type: numeric. Length in digits: precise).**

## **EM element description procedure**

The name of a tag (a component or attribute in an XML document) is provided in brackets after the element description.

The elements provided in an XML document in the form of a component (the component is determined in the document name space) containing an attribute or other components are in **bold type**. All other elements are XML attributes (attributes are not qualified by a name space).

If an EM (EDnnn) is specified as an element, the complete set of elements of the respective EM shall be provided in this position.

Multiplicity shall mean a specification of the range of potential values of the cardinality of a set (see Table 2).



Table 2. Element multiplicity

Multiplicity	Value
[0..1]	Optional element, the maximum number of instances is 1
[0..n]	Optional element, the maximum number of instances is not limited
[1]	Compulsory element, only one instance
[1..n]	Compulsory element, the maximum number of instances is not limited
option [1]	Out of an element group marked as 'option', <b>only one</b> element <b>shall be</b> chosen; the maximum number of instances is 1
group [1]	Out of an element group marked as 'group', <b>any</b> number of elements may be chosen; the maximum number of instances is not limited. Instances of different elements in the group may follow in <b>random</b> order; <b>at least one</b> instance <b>of at least one</b> element out of the group <b>must</b> be presented.

## 2.2 Digit-based element group

All EMs contain a digit-based element group enabling the unambiguous identification of an EM and comprising 'EM number during a business day (sequential number of the EM)', unique for each participant or BoR BU during a business day, 'EM composition date', and 'Unique identifier of the EM author' (fields 200, 201, 202, respectively).

**EM number during a business day (sequential number of the EM)**, unique for each participant or BoR BU during a business day. The Bank of Russia does not impose any special requirements on the rules for forming this field, except for the uniqueness requirement.

The requirement for the uniqueness of an EM number during a business day applies to all EMs of each participant and BoR BU, that is, each EM of a participant and BoR BU during a business day, irrespective of the type (EPM, ESIM, EPM packet, ESIM packet, EM forming part of a packet), shall have a unique number.

For ESIMs and EPMs, the author of which is a CO/BoR Customer, the element value shall not exceed 7999999999 when the EM is sent to a BoR BU, shall be in the range 800000000–999000000 when the EM is sent to the MEC and shall be in the range 999000001–999999999 for monitoring (ED997).

**The date of composition of EMs (EM packets)** used in an exchange between a participant and its servicing BoR BU in EMs sent by the participant shall be equal to the date of the current business day.

**The date of composition of EMs (EM packets)** in EMs sent by a BoR BU to a participant in most cases is equal to the date of the current business day.

Single EPMs addressed to a participant and EPMs forming part of an EPM packet composed by a BoR BU may contain an EM composition date less than the date of the current business day.

**The unique identifier of the EM (EM packet) author** consists of 10 digits and is formed as follows:

- for a CO: the first seven digits of the identifier correspond to the 3rd–9th digits of the CO's RCBIC; the remaining three digits are filled in with zeros;

- 
- for other customers of the Bank of Russia: the first seven digits of the identifier correspond to the 3rd–9th digits of the RCBIC of the CO servicing this participant; the remaining three digits are assigned by the servicing BoR BU proceeding from the requirement to ensure the uniqueness of the identifier for all customers of the BoR BU;
  - for a BoR BU: the first seven digits of the identifier correspond to the 3rd–9th digits of the BoR BU's RCBIC; the remaining three digits are filled in with zeros;
  - for the SC PS: 4583001999;
  - for the EPS: 4511111111;
  - for the BoR FMOD: 5555555888;
  - for the MEC: 7777777000;
  - for the NPCS – 4501002019; 4533333333 (clearing);
  - for the OPCC – 4522222222;
  - for the MEC – 7777777000;
  - for the AS ICW: the first seven digits of the identifier correspond to the 3rd–9th digits of the pseudo-RCBIC of the AS ICW IPC; the remaining three digits correspond to the number of the special user of the AS ICW IPC on behalf of which the EM is generated. The special user of the AS ICW IPC shall be registered in the RABIS database for the special institution AS ICW IPC;
  - for the CCP ICW: 8888888888;
  - for BoR when exchanging messages with the Federal Treasury regarding foreign currency accounts: 4501002000;
  - for Multikarta LLC processing center - 1231231234;
  - for SIS SMP: - 4577777000.

## 3 EM elements

### 3.1 ESIM Elements

Along with the EPM, the participant, when making cashless settlements with the settlement system of the Bank of Russia, exchanges **ESIMs** with its servicing BoR BU pursuant to the procedure and formats stipulated by hereby and by the Exchange Contract.

Table 3. ESIM element groups

Group	Elements	Note
Digit-based group	Sequential number of the EM; EM composition date; Unique identifier of the EM author.	Always included. The element 'Unique identifier of the EM author' for EMs originating from a BoR BU is to be filled in with the BoR BU UIMA.
Additional information	Unique identifier of the EM recipient. EM composition time.	Application information. Not used in the transport system of the Bank of Russia.
Reference group	Sequential number of the initial EM; Initial EM composition date; Unique identifier of the initial EM author.	To be filled in pursuant to the values of the elements of the digit-based group of the EPM or ESIM in response to which or with a query about which this ESIM is being sent
Informative part	Result code; Information on transactions made; Explanation text, etc.	Established by technical regulations of the Bank of Russia
Additional elements		Optional for filling in



## 4.1 Notice of EM (EM packet) control results, ED201

Table 4. EM elements ED201

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day. When sending from the EPS, to be filled in with the date of the business day in the EPS.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	EDReceiver	Unique identifier of the EM recipient.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[0..1]	To be filled in only by the BoR PS in EMs sent to a PEE and not packeted. In the EPS: to be filled in with the unique identifier of the EM author.	
5	CtrlCode	EM (EM packet) control result code.	ControlCodeType: Code. Code of control/error in EM. Numeric, 4-digit.	[1]	To be filled in pursuant to the document 'UFEBM. EM (EM packet) control result codes'.	
6	CtrlTime	EM (EM packet) control date and time.	DateTimeType: DateTime. [GOST ISO 8601-2001]. Format YYYY-MM-DDThh:mm:ssZ.	[1]		
7	<b>ed:Annotation</b>	<b>Explanation text.</b>	<b>Max150TextType: Text. String, up to 150 characters.</b>	[1]	To be filled in pursuant to the document 'UFEBM. EM (EM packet) control result codes'.	

Table 4. EM elements ED201

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
8	ed:ErrorDiagnostic	Detailed diagnostics of an error.	<b>TextType:</b> <b>TextFree.</b> String with an unlimited length.	[0..1]	Can be used to itemise the explanation text (original message of parser, CISS library, etc.).	
9	ed:MsgID	Transport identifier of a message.	<b>Max150TextType:</b> <b>Text.</b> String, up to 150 characters.	[0..1]	To be filled in when identifiers of the initial EM (EM packet) cannot be identified.	
10	ed:EDRefID	Identifiers of the initial EM (EM packet).	<b>EDRefID:</b> <b>Elements of the digit-based group of the EM.</b>	[0..1]	To be filled in subject to the availability of information on the initial EM (EM packet).	
10.1	EDNo	EM number during a business day.	<b>EDNumberType:</b> Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day. When generating an EM to the OPCC: EM number during the calendar date.	
10.2	EDDate	EM composition date.	<b>DateType:</b> Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day. When generating an EM to the OPCC: to be filled in with the calendar date of EM composition.	
10.3	EDAuthor	Unique identifier of the EM author, UIMA.	<b>EDDrawerIDType:</b> Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	

## 4.2 Envelope for EMs in proprietary formats of electronic exchange participants, ED501

Table 5. EM elements ED501

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	ActualReceiver	Unique identifier of the EM recipient, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the value of the UIMA of the message recipient.	
5	<b>ed:ProprietaryDocument</b>	<b>Document in a proprietary format</b>	<b>base64Binary:</b>	[1]		
6	<b>ed:ProprietaryAttachment</b>	<b>Enclosure to a document in a proprietary format.</b>	<b>base64Binary:</b>	[0..1]	Can be used for transfer of additional information to optimise the algorithm for processing a document in a proprietary format.	
7	<b>ed:InitialED</b>	<b>Identifiers of the initial EM</b>	<b>EDRefID: Elements of the digit-based group of the EM.</b>	[0..1]		
7.1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
7.2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
7.3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	

### 4.3 Envelope for transmitting **SWIFT MT-format** financial messages, ED503

Table 6. EM elements ED503

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	SenderSWIFTBIC	Sender UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[1]		
5	ActualReceiver	Unique identifier of the EM recipient, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the value of the UIMA of the message recipient.	
6	ReceiverSWIFTBIC	Recipient UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[1]		
7	SWIFTContainerQuantity	Number of SWIFT MT messages	Max9QuantityType: Quantity. Number of electronic messages. Integer, up to 9 places.	[1]		
8	IsNotice	Send a notification on receiving an EM by an FMS-user	IndicatorType: Indicator. Flag status	[0..1]		
9	ed:SWIFTContainer	Container for SWIFT MT messages	SWIFTContainer: Container for SWIFT MT messages	[1..n]		
9.1	FormatType	Message type	MTxxxTextType: Text. String in the form MTxxx, where xxx is exactly three numbers.	[1]		



Table 6. EM elements ED503

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
9.2	TerminalSessionNum	Identifier of a message (sub-field (e), (f) block {1:})	Eq10IdentifierDigitType: Identifier. Numeric, 10-digit.	[1]		
9.3	ed:SWIFTDocument	Message	base64Binary:	[1]		
10	ed:InitialED	Identifiers of the initial EM.	EDRefID: Elements of the digit-based group of the EM.	[0..1]	To be filled in subject to availability.	
10.1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
10.2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
10.3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	

#### 4.4 Envelope for transmitting TSLC-format financial messages, ED504

Table 7. EM elements ED504

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	ActualReceiver	Unique identifier of the EM recipient, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the value of the UIMA of the message recipient.	
5	TSLCContainerQuantity	Number of TSLC messages	Max9QuantityType: Quantity. Number of electronic messages. Integer, up to 9 places.	[1]		
<b>6</b>	<b>ed:TSLCContainer</b>	<b>Container for a TSLC message</b>	TSLCContainer: Container for a TSLC message	[1..n]		
6.1	FormatType	Message type	TSLCTextType: Text. Line of the type TSLC.xxx.xxx.xx where x is a number only.	[1]		
6.2	TerminalSessionNum	TSLC message identifier	Max35TextType: Text. String, up to 35 characters.	[1]		
<b>6.3</b>	<b>ed:TSLCDocument</b>	<b>Message</b>	base64Binary:	[1]		
<b>7</b>	<b>ed:InitialED</b>	<b>Identifiers of the initial EM.</b>	EDRefID: Elements of the digit-based group of the EM.	[0..1]	To be filled in subject to availability.	
7.1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
7.2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
7.3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	

## 4.5 Information on the status of an EM containing TSLC-format messages, ED505

Table 8. EM elements ED505

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	EDReceiver	Unique identifier of the EM recipient.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[0..1]	To be filled in with the recipient UIMA (in case of sending a message to an AB, to be filled in with CB UIMA).	
<b>5</b>	<b>ed:EDRefID</b>	<b>Identifiers of the initial EM</b>	EDRefID: Elements of the digit-based group of the EM.	[1]		
5.1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
5.2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
5.3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
<b>6</b>	<b>ed:TSLCDocCtrlInfo</b>	<b>Information on TSLC message control</b>	TSLCDocCtrlInfo: Information on TSLC message control	[0..n]		
6.1	TerminalSessionNum	TSLC message identifier	Max35TextType: Text. String, up to 35 characters.	[1]		

Table 8. EM elements ED505

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
6.2	TSLCCtrlCode	EM (EM packet) control result code.	ControlCodeType: Code. Code of control/error in EM. Numeric, 4-digit.	[0..1]	To be filled in pursuant to the table 'EM (EM packet) control result codes'.	
<b>6.3</b>	<b>ed:Annotation</b>	<b>Explanation text.</b>	Max150TextType: Text. String, up to 150 characters.	[0..1]	To be filled in pursuant to the table 'EM (EM packet) control result codes'.	
<b>6.4</b>	<b>ed:TSLCErrCodeList</b>	<b>TSLC error code list</b>	TSLCErrCodeList: TSLC error code list	[0..n]	Not to be filled in.	
6.4.1	TSLCErrCode	Error code.	Eq3TextType: Text. String, 3 symbols.	[1]	Not to be filled in.	
<b>6.4.2</b>	<b>ed:TSLCErrAnnotation</b>	<b>Explanation text.</b>	Max150TextType: Text. String, up to 150 characters.	[0..1]	Not to be filled in.	

## 4.6 Envelope for transmitting ISO-format financial messages, ED506

Table 9. EM elements ED506

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	SenderSWIFTBIC	Sender UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		
5	ActualReceiver	Unique identifier of the EM recipient, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the value of the UIMA of the message recipient.	
6	ReceiverSWIFTBIC	Recipient UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		
7	ISOContainerQuantity	Number of ISO messages	Max9QuantityType: Quantity. Number of electronic messages. Integer, up to 9 places.	[1]		
8	<b>ed:ISOContainer</b>	<b>Container for an ISO message</b>	ISOContainer: Container for an ISO message	[1..n]		
8.1	FormatType	Message type	Max15TextType: Text. String, up to 15 characters.	[1]		
8.2	TerminalSessionNum	ISO message identifier	Max35TextType: Text. String, up to 35 characters.	[1]		
8.3	<b>ed:ISODocument</b>	<b>Message</b>	base64Binary:	[1]		

Table 9. EM elements ED506

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
<b>9</b>	<b>ed:InitialED</b>	<b>Identifiers of the initial EM.</b>	EDRefID: Elements of the digit-based group of the EM.	[0..1]	To be filled in subject to availability.	
9.1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
9.2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
9.3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	

## 4.7 Information on the status of an EM containing ISO-format messages, ED507

Table 10. EM elements ED507

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	EDReceiver	Unique identifier of the EM recipient.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[0..1]	To be filled in with the recipient UIMA (in case of sending a message to an AB, to be filled in with CB UIMA).	
5	SenderSWIFTBIC	Sender UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		
<b>6</b>	<b>ed:EDRefID</b>	<b>Identifiers of the initial EM</b>	EDRefID: Elements of the digit-based group of the EM.	[1]		
6.1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
6.2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
6.3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
<b>7</b>	<b>ed:ISODocCtrlInfo</b>	<b>Information on ISO message control</b>	ISODocCtrlInfo: Information on ISO message control	[0..n]		

Table 10. EM elements ED507

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
7.1	TerminalSessionNum	ISO message identifier	Max35TextType: Text. String, up to 35 characters.	[1]		
7.2	ISOCtrlCode	EM (EM packet) control result code.	ControlCodeType: Code. Code of control/error in EM. Numeric, 4-digit.	[0..1]	To be filled in pursuant to the table 'EM (EM packet) control result codes'.	
<b>7.3</b>	<b>ed:Annotation</b>	<b>Explanation text.</b>	Max150TextType: Text. String, up to 150 characters.	[0..1]	To be filled in pursuant to the table 'EM (EM packet) control result codes'.	
<b>7.4</b>	<b>ed:ISOErrCodeList</b>	<b>ISO error code list</b>	ISOErrCodeList: ISO error code list	[0..n]	Not to be filled in.	
7.4.1	ISOErrCode	Error code	Eq3TextType: Text. String, 3 symbols.	[1]	Not to be filled in.	
<b>7.4.2</b>	<b>ed:ISOErrAnnotation</b>	<b>Explanation text.</b>	Max150TextType: Text. String, up to 150 characters.	[0..1]	Not to be filled in.	



## 4.8 Information on the EM status, ED508

Table 11. EM elements ED508

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	EDReceiver	Unique identifier of the EM recipient.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[0..1]	To be filled in with the recipient UIMA (in case of sending a message to an AB, to be filled in with CB UIMA).	
5	SenderSWIFTBIC	Sender UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		
<b>6</b>	<b>ed:EDRefID</b>	<b>Identifiers of the initial EM</b>	<b>EDRefID: Elements of the digit-based group of the EM.</b>	[1]		
6.1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
6.2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
6.3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM	[1]	To be filled in with the unique identifier of the EM author.	

Table 11. EM elements ED508

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
			author; UIMA. [UIMA]. Numeric, 10-digit.			
<b>7</b>	<b>ed:SWIFTDocCtrlInfo</b>	<b>Information on SWIFT message control</b>	<b>SWIFTDocCtrlInfo: Information on SWIFT message control</b>	[0..n]		
7.1	TerminalSessionNum	Identifier of a message (sub-field (e), (f) block {1:})	Eq10IdentifierDigitType: Identifier. Numeric, 10-digit.	[1]		
7.2	SWIFTCtrlCode	EM (EM packet) control result code.	ControlCodeType: Code. Code of control/error in EM. Numeric, 4-digit.	[0..1]	To be filled in pursuant to the table 'EM (EM packet) control result codes'.	
<b>7.3</b>	<b>ed:Annotation</b>	<b>Explanation text.</b>	<b>Max150TextType: Text. String, up to 150 characters.</b>	[0..1]	To be filled in pursuant to the table 'EM (EM packet) control result codes'.	
<b>7.4</b>	<b>ed:SWIFTErrCodeList</b>	<b>SWIFT error code list</b>	<b>SWIFTErrCodeList: SWIFT error code list</b>	[0..n]		
7.4.1	SWIFTErrCode	Error code	Eq3TextType: Text. String, 3 symbols.	[1]		
<b>7.4.2</b>	<b>ed:SWIFTErrAnnotation</b>	<b>Explanation text.</b>	<b>String:</b>	[0..1]	To be filled in with text describing an error that arose at validation of a financial message.	

## 4.9 Envelope for ISO TS-format messages of legal entities as part of trade operations, ED509

Table 12. EM elements ED509

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]		
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]		
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		
4	SenderSWIFTBIC	Sender UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		
5	ActualReceiver	Unique identifier of the EM recipient, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		
6	ReceiverSWIFTBIC	Recipient UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		
7	ISOContainerQuantity	Number of ISO messages	Max9QuantityType: Quantity. Number of electronic messages. Integer, up to 9 places.	[1]		
8	<b>ed:ISOContainer</b>	<b>Container for an ISO message</b>	ED509ISOContainer: Container for an ISO TS message	[1..n]		
8.1	FormatType	Message type	Max15TextType: Text. String, up to 15 characters.	[1]		
8.2	TerminalSessionNum	ISO message identifier	Max35TextType: Text. String, up to 35 characters.	[1]		

Table 12. EM elements ED509

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
8.3	ed:ISODocument	Message	base64Binary:	[1]		
9	ed:InitialED	Identifiers of the initial EM.	EDRefID: Elements of the digit-based group of the EM.	[0..1]		
9.1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]		
9.2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]		
9.3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		

#### 4.10 Information on services provided by the Bank of Russia to FMS users, ED510

Table 13. EM elements ED510

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	EDReceiver	Unique identifier of the EM recipient.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		
5	RegisterNo	Register number	Max6NumberType: Number. Positive integer, up to 6 places.	[1]		
6	TotalSum	Total sum of the payment for the services provided	NotNegativeKopeckAmountType: Sum. In kopecks (to designate a non-negative sum). Positive integer or zero, up to 18 places.	[1]		
7	<b>ed:PayServicesCodeList</b>	<b>List of fee-based services provided by types</b>	<b>PayServicesCodeList: List of fee-based services provided by types</b>	[0..n]		
7.1	ServicesCode	Service code	OneDigitCodeType: Code. Single-digit code of the element value. [Code values of the elements]. Numeric, 1-digit.	[1]	Admissible values are given in the document entitled 'UFEBM. Code values of the elements'.	
7.2	ReceiverSWIFTBIC	UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		
7.3	ServicesDate	Service provision date	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]		
7.4	ServicesQuantity	Quantity of the services provided	Max9QuantityType: Quantity. Number of electronic messages. Integer, up to 9 places.	[1]		
7.5	ServicesRate	Tariff	NotNegativeKopeckAmountType: Sum. In kopecks (to designate a non-	[1]		

Table 13. EM elements ED510

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
			negative sum). Positive integer or zero, up to 18 places.			
7.6	Sum	Sum.	NotNegativeKopeckAmountType: Sum. In kopecks (to designate a non-negative sum). Positive integer or zero, up to 18 places.	[1]		
7.7	ARMNo	Workstation number	TwoDigitIdentifierType: Identifier. Numeric, 2-digit.	[0..1]		
7.8	UIS	Unique identifier of the message author assigned to the FMS user that is a service office customer	EDDrawerIDType: Identifier: Unique identifier of the message author; UIS. [UIS]. Numeric, 10-digits.	[0..1]	To be filled if addressed to the Service Office	-
8	ed:FreeServicesCodeList	List of free services provided by types	FreeServicesCodeList: List of free services provided by types	[0..n]		
8.1	ServicesCode	Service code	OneDigitCodeType: Code. Single-digit code of the element value. [Code values of the elements]. Numeric, 1-digit.	[1]	Admissible values are given in the document entitled 'UFEBM. Code values of the elements'.	
8.2	ReceiverSWIFTBIC	UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		
8.3	ServicesDate	Service provision date	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]		
8.4	ServicesQuantity	Quantity of the services provided	Max9QuantityType: Quantity. Number of electronic messages. Integer, up to 9 places.	[1]		
8.5	ServicesRate	Tariff	NotNegativeKopeckAmountType: Sum. In kopecks (to designate a non-negative sum). Positive integer or zero, up to 18 places.	[0..1]		
8.6	ARMNo	Workstation number	TwoDigitIdentifierType: Identifier. Numeric, 2-digit.	[0..1]		
8.7	UIS	Unique identifier of the message author assigned to the FMS user that is a service office customer	EDDrawerIDType: Identifier: Unique identifier of the message author; UIS. [UIS]. Numeric, 10-digits.	[0..1]	To be filled if addressed to the Service Office	-

#### 4.11 Invoice for services provided by the Bank of Russia to FMS users, ED511

Table 14. EM elements ED511

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	EDReceiver	Unique identifier of the EM recipient.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		
5	ServicesBeginDate	Reporting period beginning date	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]		
6	ServicesEndDate	Reporting period end date	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]		
7	BIC	BoR BU RCBIC	BICRUIDType: Identifier. Bank identification code; RCBIC. [RF BIC]. Numeric, 9-digit.	[1]		
8	INN	INN of the Bank of Russia:	INNIDTextType: Identifier. Taxpayer Identification Number; INN. [INN]. Textual, up to 12 symbols.	[1]		
9	KPP	BoR BU KPP	KPPIDTextType: Identifier. Tax Registration Reason Code; KPP. [KPP]. Textual, up to 9 symbols.	[1]		

Table 14. EM elements ED511

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
10	PayeePersonalAcc	Account in the Bank of Russia for transfer of payment for services	AccountNumberRUIDType: Identifier. Account number. [Personal account]. Textual, up to 20 symbols.	[1]		
11	ChargedSum	Payment charged	NotNegativeKopeckAmountType: Sum. In kopecks (to designate a non-negative sum). Positive integer or zero, up to 18 places.	[1]		
12	PrepaymentSum	Prepayment sum	NotNegativeKopeckAmountType: Sum. In kopecks (to designate a non-negative sum). Positive integer or zero, up to 18 places.	[1]		
13	OverpaymentSum	Overpayment sum	NotNegativeKopeckAmountType: Sum. In kopecks (to designate a non-negative sum). Positive integer or zero, up to 18 places.	[1]		
14	ExtraChargeSum	Extra charge sum	NotNegativeKopeckAmountType: Sum. In kopecks (to designate a non-negative sum). Positive integer or zero, up to 18 places.	[1]		
15	Sum	Sum payable	NotNegativeKopeckAmountType: Sum. In kopecks (to designate a non-negative sum). Positive integer or zero, up to 18 places.	[1]		

#### 4.12 Instruction for managing elements of users of the Financial Messaging System of the Bank of Russia, ED512

Table 15. EM elements ED512

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	



Table 15. EM elements ED512

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	<b>ed:ChangeCOSDirDataInfo</b>	<b>Information on modification of the Directory</b>	ChangeCOSDirDataInfo: Information on modification of the Directory	[1..n]		
4.1	DictionUpdateMode	Directory modification type	OneDigitCodeType: Code. Single-digit code of the element value. [Code values of the elements]. Numeric, 1-digit.	[1]	Admissible values are given in the document entitled 'UFEBM. Code values of the elements'.	
4.2	<b>ed:Counteragent</b>	<b>List of identifiers attributed to senders of EM ED501</b>	Counteragent: List of identifiers attributed to EM ED501 senders	[0..n]		
4.2.1	UIS	Unique identifier of the EM sender	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		
4.3	<b>ed:OURSWIFTBIC</b>	Information on senders of ES ED503 in the context of recipient identifiers	OURSWIFTBIC: Information on senders of ES ED503 in the context of recipient identifiers	[0..n]		
4.3.1	SWIFTBIC	UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[1]		
4.3.2	<b>ed:SenderSWIFTBIC</b>	<b>List of identifiers attributed to senders of EM ED503</b>	SenderSWIFTBIC: List of identifiers attributed to EM ED503 senders	[1..n]		
4.3.2.1	UIS	Unique identifier of the EM sender	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		

Table 15. EM elements ED512

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
4.3.2.2	SWIFTBIC	UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		
<b>4.3.2.3</b>	<b>ed:SWIFTTypeList</b>	<b>SWIFT message type list</b>	SWIFTTypeList: SWIFT MT message type list	[0..n]		
4.3.2.3.1	SWIFTTypeNo	SWIFT MT message type	Max5TextType: Text. String, up to 5 characters.	[1]		
<b>4.4</b>	<b>ed:SenderTSLCUIIS</b>	<b>List of identifiers attributed to senders of the EM ED504</b>	SenderTSLCUISType: List of identifiers attributed to EM ED504 senders	[0..n]		
4.4.1	UIS	Unique identifier of the EM sender	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		
<b>4.4.2</b>	<b>ed:TSLCTypeList</b>	<b>TSLC message type list</b>	TSLCTypeList: TSLC message type list	[0..n]		
4.4.2.1	TSLCTypeNo	TSLC message type	Max15TextType: Text. String, up to 15 characters.	[1]		
<b>4.5</b>	<b>ed:SenderISOUIIS</b>	<b>List of identifiers attributed to senders of the EM ED506</b>	SenderISOUISType: List of identifiers attributed to senders of the EM ED506	[0..n]		
4.5.1	UIS	Unique identifier of the EM sender	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		
4.5.2	SWIFTBIC	UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		
<b>4.5.3</b>	<b>ed:ISOTypeList</b>	<b>ISO message type list</b>	ISOTypeList: ISO message type list	[0..n]		
4.5.3.1	ISOTypeNo	ISO message type	Max15TextType: Text. String, up to 15 characters.	[1]		
<b>4.6</b>	<b>ed:SenderISOTSUIIS</b>	<b>List of identifiers attributed to senders of the EM ED509</b>	SenderISOTSUISType: List of identifiers attributed to EM ED509 senders	[0..n]		

Table 15. EM elements ED512

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
4.6.1	UIS	Unique identifier of the EM sender	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		
4.6.2	SWIFTBIC	UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		
<b>4.6.3</b>	<b>ed:ISOTSTypeList</b>	<b>ISO TS message type list</b>	ISOTSTypeList: ISO TS message type list	[0..n]		
4.6.3.1	ISOTypeNo	ISO message type	Max15TextType: Text. String, up to 15 characters.	[1]		
<b>4.7</b>	<b>ed:SenderISOCTCCRUIS</b>	<b>List of identifiers attributed to senders of the EM ED513</b>	SenderISOCTCCRUISType: List of identifiers attributed to EM ED513 senders	[0..n]		
4.7.1	UIS	Unique identifier of the EM sender	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		
4.7.2	SWIFTBIC	UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		
<b>4.7.3</b>	<b>ed:ISOCTCCRTYPEList</b>	<b>ISO CTCCR message type list</b>	ISOCTCCRTYPEList: ISO CTCCR message type list	[0..n]		
4.7.3.1	ISOTypeNo	ISO message type	Max15TextType: Text. String, up to 15 characters.	[1]		
<b>4.8</b>	<b>ed:OURMXSWIFTBIC</b>	<b>Information on senders of ES ED514 in the context of recipient identifiers</b>	OURMXSWIFTBIC: Information on senders of ES ED514 in the context of recipient identifiers	[0..n]		
4.8.1	SWIFTBIC	UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[1]		
<b>4.8.2</b>	<b>ed:MXSenderSWIFTBIC</b>	<b>List of identifiers attributed to senders of EM ED514</b>	MXSenderSWIFTBIC: List of identifiers attributed to EM ED514 senders	[1..n]		

Table 15. EM elements ED512

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
4.8.2.1	UIS	Unique identifier of an EM sender	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		
4.8.2.2	SWIFTBIC	UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		
<b>4.8.2.3</b>	<b>ed:SWIFTMXTypeList</b>	<b>SWIFT MX message type list</b>	SWIFTMXTypeList: SWIFT MX message type list	[1]		
4.8.2.3.1	SWIFTMXTypeNo	SWIFT MX message type	Max15TextType: Text. String, up to 15 characters..	[1]	Fixed value of "9999999999999999"	

#### 4.13 Envelope for transmitting ISO CTCCR-format messages for currency control purposes, ED513

Table 16. EM elements ED513

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]		
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]		
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		
4	SenderSWIFTBIC	Sender UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		

Table 16. EM elements ED513

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
5	ActualReceiver	Unique identifier of the EM recipient, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		
6	ReceiverSWIFTBIC	Recipient UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		
7	ISOContainerQuantity	Number of ISO messages	Max9QuantityType: Quantity. Number of electronic messages. Integer, up to 9 places.	[1]		
<b>8</b>	<b>ed:ISOContainer</b>	<b>Container for an ISO message</b>	ED513ISOContainer: Container for an ISO TS message	[1..n]		
8.1	FormatType	Message type	Max15TextType: Text. String, up to 15 characters.	[1]		
8.2	TerminalSessionNum	ISO message identifier	Max35TextType: Text. String, up to 35 characters.	[1]		
<b>8.3</b>	<b>ed:ISODocument</b>	<b>Message</b>	base64Binary:	[1]		
<b>9</b>	<b>ed:InitialED</b>	<b>Identifiers of the initial EM.</b>	EDRefID: Elements of the digit-based group of the EM.	[0..1]		
9.1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]		
9.2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]		
9.3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		

#### 4.14 Envelope for transmitting SWIFT MX-format financial messages, ED514

Table 3 – EM elements

		ED514				
No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	SenderSWIFTBIC	Sender UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[1]		
5	ActualReceiver	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the UIMA value of the message recipient.	
6	ReceiverSWIFTBIC	Recipient UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[1]		
7	SWIFTContainerQuantity	Number of SWIFT MX messages	Max9QuantityType: Number. Number of an electronic message. Integer, up to 9 places.	[1]		
8	IsNotice	Send a notification on receiving an EM by an FMS recipient	IndicatorType: Indicator. Flag status.	[0..1]		
9	<b>ed:SWIFTMXContainer</b>	<b>SWIFT MX message container</b>	<b>SWIFTMXContainer: SWIFT MX message container</b>	<b>[1..n]</b>		
9.1	FormatType	Message type	Max15TextType: Text. String, up to 15 characters.	[1]		
9.2	TerminalSessionNum	SWIFT MX message identifier	Max35TextType: Text. String, up to 35 characters.	[1]		

Table 3 – EM elements		ED514				
No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
9.3	ed:SWIFTDocument	Message	base64Binary:	[1]		
10	ed:InitialED	Identifier of the initial EM.	EDRefID: Elements of the digit-based group of the EM.	[0..1]	To be filled in if available.	
10.1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
10.2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
10.3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	

#### 4.15 Information on the EM status, ED515

Table 4 – EM elements		ED515				
No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	EDReceiver	Unique identifier of the EM recipient.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[0..1]	To be filled in with the recipient UIMA (in case of sending a message to an	

Table 4 – EM elements		ED515				
No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
					AB, to be filled in with CB UIMA).	
5	SenderSWIFTBIC	Sender UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		
<b>6</b>	<b>ed:EDRefID</b>	<b>Identifier of the initial EM</b>	<b>EDRefID: Elements of the digit-based group of the EM.</b>	[1]		
6.1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
6.2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
6.3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]..Numeric, 10 digits	[1]	To be filled in with the unique identifier of the EM author.	
<b>7</b>	<b>ed:SWIFTDocCtrlInfo</b>	<b>Information on the control of a SWIFT MX message</b>	<b>SWIFTMXDocCtrlInfo: Information on the control of a SWIFT MX message</b>	[0..n]		
7.1	TerminalSessionNum	Identifier of a SWIFT MX message	Max35TextType: Text. String, up to 35 characters.	[1]		
7.2	SWIFTCtrlCode	EM (EM packet) control result code.	ControlCodeType: Code. EM control /error code. Numeric, 4-digit.	[0..1]	To be filled in pursuant to the table 'EM (EM packet) control result codes'.	
<b>7.3</b>	<b>ed:Annotation</b>	<b>Clarification text.</b>	<b>Max150TextType: Text. String, up to 150 characters.</b>	[0..1]	To be filled in pursuant to the table 'EM (EM packet) control result codes'.	
<b>7.4</b>	<b>ed:SWIFTErrCodeList</b>	<b>List of SWIFT MX error codes</b>	<b>SWIFTErrCodeList: List of SWIFT error codes</b>	[0..n]		
7.4.1	SWIFTErrCode	Error code	Eq3TextType: Text. String, up to 3 characters.	[1]		
<b>7.4.2</b>	<b>ed:SWIFTErrAnnotation</b>	<b>Clarification text.</b>	<b>string:</b>	[0..1]	To be filled in with text describing an error that	



Table 4 – EM elements		ED515				
No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
					arose at validation of a financial message.	

#### 4.16 Request for information on EMs transferred/received, ED540

Table 88. EM elements ED540

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	ExchangeTypeCode	Information request type	OneDigitCodeType: Code. Single-digit code of the element value. [Code values of the elements]. Numeric, 1-digit.	[1]		
5	EDTypeNo	EM type.	Max100XTextType: Text. String, up to 100 characters.	[0..1]	If filled in, must match the types of EMs of the UFEBM Album.	
6	InquiryDate	Date during which the EM is requested (in the absence thereof, the request for a current date).	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[0..1]		

Table 88. EM elements ED540

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
7	ARMNo	Workstation number.	TwoDigitIdentifierType: Identifier. Numeric, 2-digit.	[0..1]	Can be filled in with the last two digits of the fields To (From) of the service envelopes of EMs transferred (received).	

## 4.17 Information on EMs transferred/received, ED541

Table 20. EM elements ED541

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	EDReceiver	Unique identifier of the EM recipient.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[0..1]	To be filled in with the recipient UIMA (in case of sending a message to an AB, to be filled in with CB UIMA).	
<b>5</b>	<b>ed:PartInfo</b>	<b>Information on a part.</b>	<b>PartInfo: Information on a part of the information to be transferred.</b>	[0..1]	To be filled in when information is transferred in several ESIMs.	
5.1	PartNo	Part number.	OrdinalNumberType: Number. Sequential number. Integer, up to 6 places.	[1]	The sequential number of a part to be specified starting from 1 (a number of the first part in aggregate).	
5.2	PartQuantity	Number of parts	OrdinalNumberType: Number. Sequential number. Integer, up to 6 places.	[1]	The number of the last part in aggregate is to be specified.	
5.3	PartAggregateID	Unique identifier of the aggregate of parts	PartAggregateIDType: Identifier. Unique identifier of the aggregate of parts. Integer, up to 27 places.	[1]	When forming the requisite 'Unique identifier of the aggregate of parts', the format <nnnnnnnnnn><yyyymmdd><nnnnnnnnnn> is used, where nnnnnnnnnn is the EDAuthor of the EM containing the first part of the information that is being transferred; yyyymmdd is the EDDate of the EM containing the first part of the information that is being transferred; and	

Table 20. EM elements ED541

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
					nnnnnnnn is the EDNo of the EM containing the first part of the information that is being transferred.	
<b>6</b>	<b>ed:InitialED</b>	<b>Identifiers of the initial ESIM.</b>	<b>EDRefID: Elements of the digit-based group of the EM.</b>	[0..1]	To be filled in if there is an initial request.	
6.1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
6.2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
6.3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
<b>7</b>	<b>ed:EDRequisiteList</b>	<b>List of electronic messages sorted under EDProcessingTime</b>	<b>ED541List: List of electronic messages sorted under EDProcessingTime</b>	[1..n]		
7.1	EDTypeNo	EM type	Max100XTextType: Text. String, up to 100 characters.	[1]	Admissible values are provided in the document 'UFEBM. Code values of the elements'.	
7.2	TransportFileName	File name.	FNameIDType: Identifier. File name. Textual.	[0..1]	To be filled in with the value of the requisite LegacyTransportFileName of the heading of the service envelope.	
7.3	EDProcessingTime	Time of acceptance/dispatch of a message	TimeType: Time. [GOST ISO 8601-2001]. Format hh:mm:ss.	[1]		
7.4	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
7.5	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	

Table 20. EM elements ED541

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
7.6	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
<b>7.7</b>	<b>ed:EDRefID</b>	<b>Identifiers of the initial EM.</b>	<b>EDRefID: Elements of the digit-based group of the EM.</b>	[0..1]	To be filled in subject to the availability of the initial EM.	
7.7.1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
7.7.2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
7.7.3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	

## 4.18 Request for a repeated receipt of a message, ED542

Table 21. EM elements ED542

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	RepeatReceptInqCode	Request type	OneDigitCodeType: Code. Single-digit code of the element value. [Code values of the elements]. Numeric, 1-digit.	[1]	Admissible values are given in the document 'UFEBM. Code values of the elements'.	
5	EDTypeNo	EM type.	Max100XTextType: Text. String, up to 100 characters.	[0..1]	Shall be filled in for a request = '3'. Rules for filling the element are provided in the document 'UFEBM. Code values of the elements'.	
6	ARMNo	Workstation number.	TwoDigitIdentifierType: Identifier. Numeric, 2-digit.	[0..1]	Can be filled in with the last two digits of the fields To (From) of the service envelopes of EMs transferred (received).	
7	ed:EDRefID	EM identifiers.	EDRefID: Elements of the digit-based group of the EM.	[0..1]	To be filled in for the request type 1.	
7.1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	

Table 21. EM elements ED542

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
7.2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
7.3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10- digit.	[1]	To be filled in with the unique identifier of the EM author.	

## 4.19 Request of the Directory of Users of the Financial Messaging System of the Bank of Russia, ED573

Table 22. EM elements ED573

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	DictionRequest	Directory request code	OneDigitCodeType: Code. Single-digit code of the element value. [Code values of the elements]. Numeric, 1-digit.	[1]	Admissible values are given in the document 'UFEBM. Code values of the elements'.	
5	COSCustomerProperty	Participant's additional attribute	COSCustomerPropertyType: Code. Customer's attribute in the FMS.			



## 4.20 Information of the Directory of Users of the Financial Messaging System of the Bank of Russia, ED574

Table 23. EM elements ED574

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	EDReceiver	Unique identifier of the EM recipient.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[0..1]	To be filled in with the recipient UIMA (in case of sending a message to an AB, to be filled in with CB UIMA).	
5	DictionMode	Directory type	OneDigitCodeType: Code. Single-digit code of the element value. [Code values of the elements]. Numeric, 1-digit.	[1]	Admissible values are given in the document entitled 'UFEBM. Code values of the elements'.	
<b>6</b>	<b>ed:InitialED</b>	<b>Identifiers of the initial ESIM.</b>	<b>EDRefID: Elements of the digit-based group of the EM.</b>	[0..1]	To be filled in if there is an initial request.	
6.1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
6.2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
6.3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
<b>7</b>	<b>ed:COSCustomerInfo</b>	<b>Elements of the customer for which information on attributes of participation in the exchange of messages in the payment system is provided</b>	<b>COSCustomerInfo:</b> Elements of the customer for which information on attributes of participation in the exchange of messages in the payment system is provided	[1..n]		

Table 23. EM elements ED574

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
7.1	UIS	Unique identifier assigned to the author/recipient of the EM	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		
7.2	BIC	RCBIC of the servicing BoR BU	BICRUIDType: Identifier. Bank identification code; RCBIC. [RF BIC]. Numeric, 9-digit.	[1]		
7.3	SWIFTBIC	UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		
7.4	IsFreeServices	Feature of the free-of-charge basis of outgoing messages	OneDigitCodeType: Code. Single-digit code of the element value. [Code values of the elements]. Numeric, 1-digit.	[0..1]	Admissible values are given in the document entitled 'UFE BM. Code values of the elements'.	
7.5	IsFreeIncomingServices	Feature of the free-of-charge basis of incoming messages	OneDigitCodeType: Code. Single-digit code of the element value. [Code values of the elements]. Numeric, 1-digit.	[0..1]	Admissible values are given in the document entitled 'UFE BM. Code values of the elements'.	
7.6	IsSuspendedExchange	Attribute of suspension of EM exchange through the MEC	OneDigitCodeType: Code. Single-digit code of the element value. [Code values of the elements]. Numeric, 1-digit.	[0..1]	Admissible values are given in the document entitled 'UFE BM. Code values of the elements'.	
7.7	IsDailyDispatchES	Attribute of sending EMs about services for a day	OneDigitCodeType: Code. Single-digit code of the element value. [Code values of the elements]. Numeric, 1-digit.	[0..1]	Admissible values are given in the document entitled 'UFE BM. Code values of the elements'.	
7.8	ChangeType	Change type	OneDigitCodeType: Code. Single-digit code of the element value. [Code values of the elements]. Numeric, 1-digit.	[0..1]	Admissible values are given in the document entitled 'UFE BM. Code values of the elements'.	
7.9	AUIS	UIMA	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[0..1]	To be filled with the service bureau's UIMA value for service bureau customers when sending changes based on the results of the authorisation process for participants who receive ED574, as well as when authorised participants request information about service bureau customers.	

Table 23. EM elements ED574

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
7.10	COSCustomerProperty	Additional participant attribute	OneDigitCodeType: Code. Single-digit code of the element value. [Code values of the elements]. Numeric, 1-digit.	[0..1]	Not to be filled when sending to FMS participants.	
7.11	ed:Name	Customer name	Max160TextType: Text. String, up to 160 characters.	[1]		
7.12	ed:EnglishName	Customer name in English	Max160TextType: Text. String, up to 160 characters.	[0..1]		
7.13	ed:ESExchangeInfo	Information on participation in EM exchange	ESExchangeInfo: List of identifiers assigned to the senders	[1..n]		
7.13.1	ServicesCode	Service code	OneDigitCodeType: Code. Single-digit code of the element value. [Code values of the elements]. Numeric, 1-digit.	[1]	Admissible values are given in the document entitled 'UFEBM. Code values of the elements'.	
7.13.2	BeginDate	Message exchange beginning date	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]		
7.13.3	EndDate	Date of exclusion from message exchange:	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[0..1]		
7.13.4	ESSize	Maximum size of EM	Max9ByteQuantityType: Quantity. Number of bytes Integer, up to 9 places.	[0..1]		
7.13.5	ARMNo	Workstation number	TwoDigitIdentifierType: Identifier. Numeric, 2-digit.	[0..1]		
7.13.6	ed:COSSenderInfo	Information on EM senders	COSSenderInfo: Information on EM senders	[0..n]		
7.13.6.1	UIS	Unique identifier assigned to the author/recipient of the EM	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		
7.13.6.2	SWIFTBIC	UC	UICIDType: Identifier. Identification code of the user. String of 11 symbols.	[0..1]		
7.13.6.3	ed:SWIFTTypeList	SWIFT MT message type list	SWIFTTypeList: SWIFT MT message type list	[0..n]	To be filled in if TSLCTypeList, ISOTTypeList, ISOTSTypeList, ISOCTCCRTTypeList and SWIFTMXTypeList blocks are not completed	
7.13.6.3.1	SWIFTTypeNo	SWIFT MT message type	Max5TextType: Text. String, up to 5 characters.	[1]		

Table 23. EM elements ED574

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
7.13.6.4	ed:TSLCTypeList	TSLC message type list	TSLCTypeList: TSLC message type list	[0..n]	To be completed if SWIFTTypeList, ISOTTypeList, ISOTSTypeList, ISOCTCCRTYPEList and SWIFTMXTypeList blocks are not completed	
7.13.6.4.1	TSLCTypeNo	TSLC message type	Max15TextType: Text. String, up to 15 characters.	[1]		
7.13.6.5	ed:ISOTTypeList	ISO message type list	ISOTTypeList: ISO message type list	[0..n]	To be completed if SWIFTTypeList, TSLCTypeList, ISOTSTypeList, ISOCTCCRTYPEList and SWIFTMXTypeList blocks are not completed	
7.13.6.5.1	ISOTTypeNo	ISO message type	Max15TextType: Text. String, up to 15 characters.	[1]		
7.13.6.6	ed:ISOTSTypeList	ISO TS message type list	ISOTSTypeList: ISO TS message type list	[0..n]	To be completed if SWIFTTypeList, TSLCTypeList, ISOTTypeList, ISOCTCCRTYPEList and SWIFTMXTypeList blocks are not completed	
7.13.6.6.1	ISOTTypeNo	ISO message type	Max15TextType: Text. String, up to 15 characters.	[1]		
7.13.6.7	ed:ISOCTCCRTYPEList	ISO CTCCR message type list	ISOCTCCRTYPEList: ISO CTCCR message type list	[0..n]	To be completed if SWIFTTypeList, TSLCTypeList, ISOTTypeList, ISOTSTypeList and SWIFTMXTypeList blocks are not completed	
7.13.6.7.1	ISOTTypeNo	ISO message type	Max15TextType: Text. String, up to 15 characters.	[1]		
7.13.6.8	ed:SWIFTMXTypeList	SWIFT MX message type list	SWIFTMXTypeList: List of SWIFT MX message types	[0..n]	To be filled in if SWIFTTypeList, TSLCTypeList, ISOTTypeList, ISOTSTypeList, ISOCTCCRTYPEList blocks are not completed	

Table 23. EM elements ED574

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
7.13.6.8.1	SWIFTMXTypeNo	SWIFT MX message type	Max15TextType: Text. String, up to 15 characters.	[1]	Fixed value of '999999999999999'	

#### 4.21 Notification on receiving a message by FMS users, ED598

Table 5 – EM elements ED598

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	ActualReceiver	Unique identifier of the EM recipient, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the recipient UIMA.	
5	ReceiptDateTime	Date and time of the receipt a message by the user–FMS recipient	DateTimeType: DateTime. [GOST ISO 8601-2001]. Format YYYY-MM-DDThh:mm:ssZ.	[1]		
<b>6</b>	<b>ed:EDRefID</b>	<b>Identifiers of the initial EM</b>	EDRefID: Elements of the digit-based group of the EM.	[1]		
6.1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
6.2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	

Table 5 – EM elements		ED598				
No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
6.3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
<b>7</b>	<b>ed:InitialED</b>	<b>Identifiers of the initial ESIM.</b>	<b>EDRefID: Elements of the digit-based group of the EM.</b>	[0..1]	To be filled in the MEC with initial EM ED598 identifiers	
7.1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]		
7.2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]		
7.3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]		

## 4.22 Request-probe, ED599

Table 25. EM elements ED599

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	

## 4.23 Notification of Participants, ED819

Table 26. EM elements ED819

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
1	EDNo	EM number during a business day.	EDNumberType: Number. Number of an electronic message. Integer, up to 9 places.	[1]	To be filled in with the unique (for the EM author) number of the EM during a business day.	
2	EDDate	EM composition date.	DateType: Date. [GOST ISO 8601-2001]. Format YYYY-MM-DD.	[1]	To be filled in with the date of the business day.	

Table 26. EM elements ED819

No.	Element	Element name	Element type	Multiplicity	Rules for filling in	EC
3	EDAuthor	Unique identifier of the EM author, UIMA.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[1]	To be filled in with the unique identifier of the EM author.	
4	EDReceiver	Unique identifier of the EM recipient.	EDDrawerIDType: Identifier. Unique identifier of the EM author; UIMA. [UIMA]. Numeric, 10-digit.	[0..1]	To be filled in with the recipient UIMA (in case of sending a message to an AB, to be filled in with CB UIMA).	
5	ed:FreeText	Message text.	TextType: TextFree. String with an unlimited length.	[1]		