



The Bank of Russia Standard

STO BR NPS-8.1-2022

**FINANCIAL MESSAGES IN THE NPS.  
EXCHANGE OF FINANCIAL MESSAGES AS PART  
OF CURRENCY CONTROL**

**MESSAGE USAGE GUIDELINES**

**Introduction date: 2020-08-31**

**Moscow  
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## Preamble

ACCEPTED AND ENACTED by The Bank of Russia's order of 28 August 2020, No OD-1406 "On the enactment of the Bank of Russia Standards STO BR NPS-7.0-2020 "Financial Messages in the NPS. Exchange of Financial Messages as Part of Currency Control. Interaction Models", STO BR NPS-8.0-2020 "Financial Messages in the NPS. Exchange of Financial Messages as Part of Currency Control. Message Usage Guidelines".

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- Annex 1. Usage rules (XLSX-files)
- Annex 2. Original XSD-schemes (XSD-files).

## Introduction

This Standard contains the recommendations for financial messaging as part of currency control in the National Payment System (hereinafter – the NPS), in accordance with Bank of Russia Standards STO BR NPS1.1-2020 “Financial Messages in the NPS. General Terms” and STO BR NPS-7.0-2020 “Financial Messages in the NPS. Exchange of Financial Messages as Part of Currency Control. Interaction Models”.

# The Bank of Russia Standard

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## FINANCIAL MESSAGES IN THE NPS. EXCHANGE OF FINANCIAL MESSAGES AS PART OF CURRENCY CONTROL

### MESSAGE USAGE GUIDELINES

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Introduction date: 2020-08-31

#### 1. Scope

This Standard is recommended for usage by organisations in the exchange of financial messages when residents submit supporting documents and information to authorised banks for the purpose of performing currency transactions.

This standard is intended to:

- residents and authorised banks to ensure compliance with the requirements of Federal Law No. 173-FZ, dated 10 December 2003, “On Currency Regulation and Currency Control” (as amended)
- developers of information and program software, information systems.

Additional financial message formats accepted in international practice may be included in this Standard based on suggestions from those participating in relations arising within the framework of currency regulation and currency control.

This Standard is developed in order to provide organisation in the NPS with universal rules of financial messages composing based on the ISO 20022 standard. Usage of universal rules assures increase of the automatization and straight-through processing rate.

Financial messages for currency transactions in the NPS are based on ISO 20022 format and organisations can use them regardless of the communication channels.

Implementation of data exchange in the NPS in accordance with the ISO 20022 standard is recommended and provided in the Bank of Russia Standard STO BR NPS-6.1-2020 “Financial Messages in the NPS. Data Exchange Rules”.

Provisions of this Standard are applied on a voluntary basis, unless regulatory acts of the Bank of Russia or terms of contracts make some provisions obligatory.

#### 2. Terms and definitions

Terms of the Bank of Russia Standards STO BR NPS-1.1-2020 “Financial Messages in the NPS. General Terms”, STO BR NPS-7.0-2020 ‘Financial Messages in the NPS. Exchange of Financial Messages as Part of Foreign Exchange Control. Interaction Models’, and terms below are used in this Standard.

XML <sup>1</sup>	–	extensible mark-up language used in XML documents.
XSD file	–	file with a *.xsd extension containing the XML-scheme.
OCL <sup>2</sup>	–	object constraint language, establishing creation, structural and logical controls rules.
XSLT <sup>3</sup>	–	language for converting XML-documents from one XML-scheme to another.
Validation rule	–	rule for the verification of element values in OCL.

### 3. Implementation guidelines

The ISO 20022 methodology sets separate descriptions of the business level and messages syntax. Processes, roles and interaction models are described at the business level. It defines the information required by participants of financial messages exchange for the implementation of business processes. The structure and the element composition of financial messages are developed on business processes basis.

Interaction models, roles and scenarios of participants of financial messages exchange communication are described in the Bank of Russia Standard STO BR NPS-7.0-2020 “Financial Messages in the NPS. Exchange of Financial Messages as a Part of Currency Control. Interaction Models”.

This Standard describes the structure and the element composition of financial messages at the logical and physical levels of financial messages exchange process modelling in accordance with the ISO 20022 methodology.

This standard contains usage rules of the financial messages in the NPS which developed on the basis of the standard ISO 20022 taking into account the NPS legal framework and national praxis of financial messages exchange within currency transactions (hereinafter – Usage rules of ISO 20022).

The Usage rules of ISO 20022 are based on ISO 20022 messages from the business area: Auth (Authorities).

The Usage rules of ISO 20022 recommended by the Bank of Russia for use in the NPS in the exchange of financial messages within the framework of currency control are given in the table form - XLSX-files..

Each of the Usage rules of ISO 20022 has its own name in accordance with the ISO 20022 standard. This name contains functional area identifier, message identifier from the ISO 20022 repository, identifier of the variant, message version, and the text name.

For example, the name of the Usage rule of ISO 20022 «auth.018.001.03 DealPassportOpeningRequest» includes:

«auth» is the business area identifier,  
 «018» is the message message definition,  
 «001» is the variant,  
 «03» is the version, and  
 « DealPassportOpeningRequest » is the text name.

The Usage rules of ISO 20022 comprises:

- complete elements composition,
- data types and restrictions,
- XML-tags,
- multiplicity,
- XPath (element location (path) in the hierarchy),
- fill-in rules,
- descriptions from original ISO 20022 Message definition reports and its translation into Russian.

The structural and element compositions of the Usage rules of ISO 20022 are fully aligned with the structural and element compositions of international financial messages.

Elements presentation in the Usage rules of ISO 20022 includes the level of an element in the hierarchy, the name of the element in English, the XML tag, multiplicity, the format of the element, the description of the element, a reference to regulation, the Usage rule, the element path in the hierarchy, the name of the element in Russian, MDR-description of the element in Russian, and MDR-description of the element in English.

**Table 1. Form of presenting of messages elements included  
in the Usage rules of ISO 20022**

<sup>1</sup> XML – eXtensible Mark-up Language.

<sup>2</sup> OCL – Object Constraint Language.

<sup>3</sup> XSLT – eXtensible Stylesheet Language Transformations.

Level	Name (EN)	XML-tag	Multiplicity	Type/code	Description	Reference to regulation	Usage rule	xPath	Name (RU)	MDR Definition (RU)	MDR Definition (EN)

In case of absence of mapping between original element and element which is necessary to include in financial message according to national practice – «Supplementary data» can be used.

For structural, logical and format control of financial messages are indicated:

- original XSD-files from the ISO 20022 electronic repository from [www.iso20022.org](http://www.iso20022.org) as international format requirements and elements filling rules;
- OCL rules as national format requirements and fill-in rules are applied.

This Standard contains:

- Usage rules of ISO 20022 in XLSX-files (Annex 1);
- international requirements for formats and fill-in rules in XSD-files (Annex 2).

Participants of financial messages exchange can apply this Standard for specific activities setting additional internal restrictions for generating private financial message schemes.

If participants of financial messages exchange establishes additional requirements for structural and logical controls of financial messages included in this Standard, it is recommended that such requirements be assessed for their compliance with the control rules stipulated herein.

#### 4. Message set overview

The following table contains all of the Usage rules of ISO 20022 in the NPS definitions described in this message usage guide in accordance with the Bank of Russia Standard STO BR NPS-7.0-2020 "Financial Messages in the NPS. Exchange of Financial Messages as Part of Currency Control.Interaction Models".

**Table 2. List of message definitions**

No.	Message Identifier	Message Name
1	auth.018.001.03	DealPassportOpeningRequest
2	auth.019.001.03	DealPassportOpeningConfirmation
3	auth.020.001.03	RegisteredDealPassportRequest
4	auth.021.001.03	DealPassportAmendmentRequest
5	auth.022.001.03	RegisteredDealPassportReport
6	auth.023.001.03	RegisteredDealPassportReportRequest
7	auth.024.001.03	CurrencyTransactionsCertificate
8	auth.025.001.03	ConfirmationDocumentsCertificate
9	auth.026.001.03	CurrencyControlRequestOrLetter
10	auth.027.001.03	StatusesForCurrencyControlDocuments

#### 5. Standard maintenance

This Standard and annexes are published on the Bank of Russia website [www.cbr.ru](http://www.cbr.ru) in the «ISO 20022» subsection of the «National Payment System» section.

Changes in this Standard are made on a regular basis as required.

The Usage rules of ISO 20022 which the Bank of Russia recommends for use in the NPS are based on the latest version of international financial messages published on the ISO 20022 standard website.

The ISO 20022 e-Repository is updated annually, however, the possibility of using previous versions of international financial messages of the ISO 20022 standard does not stop.

The Standard is updated by the Bank of Russia.

The Standard can be updated if the Bank of Russia and Technical Committee № 122 «Financial transaction standards» decide that a new version is required on the following grounds:

- the legal framework changes,
- publication of a new version of the ISO 20022 e-repository on the ISO 20022 standard website,
- change requests of professional associations of participants involved in currency regulation and currency control participants.