



The Bank of Russia Standard

STO BR NPS-8.0-2020

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

MESSAGE USAGE GUIDELINES

Introduction date: 2020-08-31

**Moscow
2020**

Preamble

ACCEPTED AND ENACTED by The Bank of Russia's order of 28 August 2020, No BD-1406, "On the enactment of the Bank of Russia Standard STO BR NPS-8.1-2020 "Financial Messages in the NPS. Exchange of Financial Messages as Part of Currency Control. Message Usage Guidelines" and STO BR NPS-7.0-2020 "Financial Messages in the NPS. Exchange of Financial Messages as Part of Currency Control. Interaction Models".

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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”.

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MESSAGE USAGE GUIDELINES

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 organisations 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 credit transfer 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”.

Additional financial message schemes can be added to this Standard at the request of funds transfer participants.

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

3. Implementation guideline

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 funds transfer participants 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 funds transfer participants 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 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 modelling in accordance with the ISO 20022 methodology. Financial messages in the NPS are developed on the basis of the standard ISO 20022 for payments, taking into account the NPS legal framework (hereinafter – NPS Unified Messages). The NPS Unified Messages are recommended by the Bank of Russia for using for Currency Control in the NPS.

The NPS Unified Messages are based on ISO 20022 messages from the following functional area:
Auth (Authorities Financial Investigations).

The messages definitions of the NPS Unified Messages are presented in XLSX-files.

Each of the NPS Unified Messages 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 NPS Unified Messages « auth.018.001.02 DealPassportOpeningRequest » includes:

- «auth» is the functional area identifier,
- «018» is the message identifier,
- «001» is the variant,
- «02» is the version, and
- « DealPassportOpeningRequest » is the text name.

The NPS Unified Messages 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.

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:

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

¹ XML – eXtensible Mark-up Language.

² OCL – Object Constraint Language.

³ XSLT – eXtensible Stylesheet Language Transformations.

4. Message set overview

The following table contains all of the NPS Unified Messages 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 3. List of message definitions.

№.	Message Identifier	Message Name
1	auth.018.001.02	ContractRegistrationRequestV02
2	auth.019.001.02	ContractRegistrationConfirmationV02
3	auth.020.001.02	ContractRegistrationClosureRequestV02
4	auth.021.001.02	ContractRegistrationAmendmentRequestV02
5	auth.022.001.02	ContractRegistrationStatementV02
6	auth.023.001.02	ContractRegistrationStatementRequestV02
7	auth.024.001.02	PaymentRegulatoryInformationNotificationV02
8	auth.025.001.02	CurrencyControlSupportingDocumentDeliveryV02
9	auth.026.001.02	CurrencyControlRequestOrLetterV02
10	auth.027.001.02	CurrencyControlStatusAdviceV02

5. Standard maintenance

This Standard and annexes are published on the Bank of Russia website www.cbr.ru/PSystem/iso_20022/.

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

The NPS Unified Messages 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.

Amendments may be introduced to the Standard if the Bank of Russia and Technical Committee № 122 «Financial transaction standards» adopt a decision that a new version is required on the following grounds:

- the NPS 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 currency regulation and currency control participants.