NATIONAL BANK OF THE REPUBLIC OF NORTH MACEDONIA

Pursuant to Article 48 paragraph 1 item 7 of the Low of the National Bank of the Republic of Macedonia ("Official Gazette of the Republic of Macedonia" no. 158/10, 123/12, 43/14, 153/15 and 6/16), and Article 42 paragraph 1 of the Low on Payment Operations ("Official Gazette of the Republic of Macedonia" no. 113/07, 22/08, 159/08, 133/09, 145/10, 35/11, 11/12, 59/12, 166/12, 170/13, 153/15, 199/15, 193/17, 7/19 and "Official Gazette of the Republic of North Macedonia" no. 31/20), the Governor of the National Bank of the Republic of Macedonia adopted the following

Macedonian Interbank Payment System Operating
RULES

I. GENERAL PROVISIONS

1.   Macedonian Interbank Payment System (hereinafter: MIPS) is a real time gross settlement system (RTGS system) of the National Bank of the Republic of Macedonia (hereinafter: the National Bank) available to authorized participants under item 3 of the MIPS Operating Rules (hereinafter: Rules).

Through MIPS, the National Bank, shall enable the MIPS authorized participant to make payments and inflows in denars and euros in the country and cross-border payments and inflows in euros through TARGET 2 of the European System of Central Banks in accordance with the Law on payment operations and Law on foreign exchange operations.

Notwithstanding paragraph 2 of this item, the authorized participant - bank shall not deliver cross-border payments in euros initiated by non-residents through MIPS in the payment system TARGET 2 of the Eurosystem.

For payments and inflows in euros, an authorized participant bank, as referred to in paragraph 2 of this item is a bank, foreign bank branch and subsidiary of a bank which shall fulfill the requirements for operating abroad in accordance with the Law on banks.

II. ACCOUNTS IN MIPS

2.   The participant can open accounts in denars and/or euros at the National Bank in MIPS. Opening an account in MIPS shall be regulated by a special agreement between the National Bank and the participant. Any changes to the account shall be recorded on a gross basis in real time.

"Gross" shall imply individual processing of all messages. "Real time" shall imply processing of messages in the system as soon as possible.

Any participant may authorize other participants in MIPS to debit such participant's accounts by submitting the form - Authorization for debiting an account of another participant.

Any participant may authorize the National Bank to block outflows from the account within a certain period, in accordance with the form - Authorization for blocking outflows from an account.

Any MIPS participant may service accounts of other entities that have opened an account at the National Bank. Entities whose accounts are serviced shall submit a form an Authorization for servicing an account of the applicant in the National Bank by a participant in the MIPS.

III. AUTHORIZED PARTICIPANTS

3.   MIPS is a closed system with a known number of participants. Participants in MIPS may be:

- National Bank;

- Banks;

- Brokerage companies;

- Clearing systems;

- Treasury systems; and

- other institutions in accordance with an agreement with the National Bank.

IV. PARTICIPATION IN MIPS

4.   Any data related to the operations in MIPS, the participant shall submit on the forms prescribed by the National Bank, unless there is no form for a specific purpose. The patterns of the prescribed forms are attached to these Rules.

The forms shall be verified by:

- signature of the person authorized to represent the participant, in case of an AGREEMENT for participation in MIPS, APPLICATION for participation in MIPS, APPLICATION for participant's MIPS officer or AUTHORIZATION for debiting an account of another participant;

- signature of the security officer in case of an public key report; or

- signature of the MIPS Officer for other forms.

The latest version of the forms shall be delivered. Incorrectly completed forms shall be considered invalid.

In case of change of previously submitted data, a new form shall be completed. When submitted to the National Bank, it shall supersede the data from the previous form with the same title.

In case of documents and forms designated to be signed by responsible persons previously declared on the forms in the National Bank, their signature may be replaced with the signature of a person authorized to represent the participant.

5.   To become a member of MIPS, the participant must submit an APPLICATION for participating in MIPS.

In the application, the participant shall report the bank identification code (BIC code) which will be used for operations in MIPS. This code shall be owned by the participant.

The application shall be submitted no later than 30 days before the date intended for commencing the MIPS operations. Notwithstanding, the National Bank may allow commencement of operations in a shorter notification.

After processing the application, the participant shall sign an AGREEMENT for participating in MIPS and appoint a MIPS Officer by submitting an APPLICATION for participant's MIPS Officer.

Any MIPS issue shall be communicated through the responsible officer, unless otherwise specified in these rules.

6.   Participants may connect to MIPS applying one of the prescribed methods of transmitting messages to MIPS, and shall use reliable connections for receiving and transmitting messages. Participants shall report the method of transmitting messages in MIPS. For this purpose, participants shall submit an APPLICATION for the method of transmitting messages in MIPS.

The documents on the methods of transmitting messages in MIPS are an integral part of these Rules.

Participants unconditionally undertake:

- to inform the National Bank on every problem related to services they use in MIPS;

- to cooperate regarding the examination, identification and resolution of any issue;

- to observe the instructions received from the authorized persons in the National Bank;

- to promptly correct any errors that may occur during the operation, which are within their responsibility;

- to respond correctly and quickly to any error correction procedure or measures undertaken by authorized persons in the National Bank in order to eliminate any problem related to the provision of MIPS services;

- to inform promptly the responsible officers in the National Bank on any known safety deficiencies that may affect the services they use in MIPS;

- to inform promptly the responsible officers in the National Bank on any known unauthorized activities in MIPS.

Any contact with the National Bank related to MIPS shall be made through the MIPS Officers whose contact details are given in the Annex 2 to these Rules.

7. The National Bank may temporarily or permanently remove any MIPS participant, if:

- the participant loses the status which makes them participants under item 3 of these Rules;

- the participant undergoes bankruptcy proceedings;

- the participant violates the regulations of the National Bank;

- the participant no longer meets one or more criteria for participation in MIPS;

- the participant causes serious problems to the MIPS operations and thus represents a serious risk to the system;

- the participant undertakes activities that hinder the MIPS operations; and

- the participant does not meet the obligations arising from the Agreement for participation in MIPS, the Rules and documents deriving from these Rules.

The participant shall be informed in writing on the reasons for the removal from MIPS.

7a. The National Bank may limit the use of particular services, including particular type of messages by one or more participants in MIPS, after prior notice to the participants about the reasons for the limitation at least 15 calendar days before the application of the limitation or immediately, if the limitation results from acting in accordance with the law or measure adopted by the Governor of the National Bank

8. Participants shall be responsible for the authenticity of messages transmitted by the participant, the participant's right to transmit and receive messages, the encoding and the contents of messages received from MIPS, the messages transmitted to MIPS and their timely arrival at MIPS.

Any violation concerning employees, sectors or other restrictions on the right to send and receive messages in the internal relations of the participant, shall have no effect on the validity of messages in relation to other participants and to the National Bank.

Data held by the participant arising from electronic communication of MIPS may not be used for purposes that breach legal regulations. Using data for such purposes is the full responsibility of the participant.

9. Participants shall assign and report a MIPS Security Officer by filling in the APPLICATION of participant's MIPS Security Officer.

The security officer shall be responsible for generating electronic key for authentication for the bank's logical terminal, reporting of electronic keys for authentication and installing of the electronic public key of MIPS with the participant.

If necessary, the participant's security officer shall submit an Application of a public key of the participant and beneficiaries to the MIPS Security Officer in the National Bank, shall install and change passwords to access the system and shall ensure security of the logical terminal.

While carrying out its activities, the security officer must not disrupt the communication system.

10. The exchange of public keys of the MIPS participants shall be made in presence of the MIPS Security Officer, whose contact details are provided in addition to these Rules. The exchange of keys may take place in two different ways:

- Regular exchange of keys; and

- Extraordinary exchange of keys.

Regular key exchange shall take place in a specific time period for which participants are informed by a notice from the National Bank. Any participant shall, through the security officer, report new public keys within the specified period.

The National Bank may schedule a term for regular exchange before the expiration of the previous public keys.

Extraordinary key exchange may be made before the regular exchange, at the request of the participant in MIPS, where the following procedures may be performed:

- Submitting a new key of a participant; and

- Cancellation of previously exchanged public key of a participant.

In the new exchange, the keys should be valid until the prescribed period of validity from the last report of the National Bank for a regular exchange of keys. Keys can be valid starting from the first day of the submission to the National Bank.

The participant's public key shall be cancelled at the request of the participant's MIPS Security Officer. Notwithstanding, in emergency cases, it may be cancelled immediately by phone call of the participant's MIPS Security Officer to the MIPS Officer at the National Bank. After receiving the phone call, the authorized officer in the National Bank shall examine the reliability of the phone call by calling back the participant's MIPS Security Officer using the phone number data previously reported in the National Bank on the relevant form, and the participant shall, within 60 minutes of the phone call, request for cancellation of the public key by fax. The written request for cancelling the public key shall arrive at the National Bank within 48 hours from the time of the phone call.

The National Bank undertakes to implement the necessary changes in MIPS associated with the cancellation, within a period not longer than 60 minutes after receiving the application for cancelling a public key through telefax, and to inform the participant through MIPS.

The participant is responsible for all consequences arising within the period referred to in the preceding paragraph of this Article.

11. In case of changes in the responsible officers and their data, such as resigning from job, change of job, change of phone numbers etc., the participant shall notify the National Bank by submitting a new form.

12. The responsible officers who are reported in the National Bank shall understand the Rules and

relevant documents arising from these Rules.

Consequences arising from the ignorance or failure to implement the provisions of the Rules and relevant documents arising from these Rules shall be borne by the participant who assigned responsible officers.

V. PROCESSING OF MESSAGES

13. The transfer of funds between participants in denars and euros in the country and cross-border payments and inflows in euros through TARGET 2 system and the performance of other MIPS activities shall be carried out by appropriately prescribed messages. The purpose of messages is defined in the Standard for the purpose and the format of MIPS messages which is an integral part of these Rules. The messages will be processed only if they meet the following conditions:

- the message shall be received in the method of transmitting messages selected by the participant;

- the message shall be in the format prescribed by the National Bank in accordance with the Standard for the purpose and the format of MIPS messages;

- the message shall contain data on authentication;

- the message shall arrive at the National Bank during the working hours of MIPS for each type of message;

- the principal's and/or payee's account with the National Bank used to process messages must clearly contain the necessary information;

- the operations with accounts or participants involved in the transaction must not be prohibited.

The message that cannot be processed by MIPS shall be rejected by sending an appropriate error message and shall not be accepted.

Electronic messages and documents that observe paragraph 1 of this Article, used by MIPS to communicate with the participants, shall have the same validity as if they were issued in a paper form.

The messages for payments in denars shall have currency date for the current working day only. The messages for cross-border payments in euros through TARGET 2 system shall have currency date up to five working days.

14. Messages for transfer of funds, which are received in MIPS, shall be effectuated if there is sufficient cover in the participant's account and if there are no messages for transfer of funds with equal or higher priority in the queue, as defined by item 18 of these Rules.

For cross-border payments in euros through the TARGET 2 system, the message, despite the requirements in paragraph 1 of this Article, shall also be processed from TARGET 2 system, for which MIPS system receives an appropriate message for the settlement status of TARGET 2 system and in accordance with the Standard for the purpose and the format of MIPS messages, the same is forwarded to the participant that has initiated the payment.

Any message for transfer of funds which will not be implemented in accordance with paragraph 1 of this item shall be placed in the queue.

The National Bank shall activate the procedure for resolving the messages for payments in denars in queue through net settlement in the following cases:

- if there are payment messages in queue for two or more participants, where the first message for each participant waits longer than 120 minutes, or moment 7 has occurred in a MIPS and TARGET 2 working day and MIPS ONLY working day;

- at request of two or more participants who have messages in the queue.

In the resolution procedure in terms of the previous paragraph of this item, in case of

messages that are in queue with different level of priority initiated by the same participant, priority of execution shall be given to messages with higher priority regardless of the time of arrival, and in case of messages that are in queue with the same level of priority initiated by the same participant, priority of execution shall be given to messages that arrived first at MIPS (first in - first out).

Messages for transfer of funds in denars that are in queue after Moment 10 in MIPS and TARGET 2 working day, respectively Moment 8 in MIPS ONLY working day shall be returned to the participant.

Messages for transfer of funds in euros that are queue after Moment 12 in MIPS and TARGET 2 working day, respectively in Moment 3 in MIPS ONLY working day, shall be returned to the participant.

15. The National Bank during the workday in accordance with the time schedule may approve intraday credit to the Participants that are authorized banks, in accordance with the terms set in the Decision on intraday credit ("Official Gazette of the Republic of Macedonia" no. 42/11).

Payment Systems Department at the National Bank may approve and perform multiple changes to the daily overdrafts on the participants' MIPS accounts during the workday.

16. The National Bank in any period during the workday may prescribe and perform multiple changes to the daily limits on the participants' accounts.

17. Cover of participant's account shall mean the account balance less the daily limits prescribed by the National Bank.

18. When sending messages to transfer funds, the participant may set different levels of priority. Transfer messages with higher priority will be processed before those with a lower level of priority that are not settled. Within the same level, individual messages for transfer of funds shall be processed in order of arrival (first in - first out).

The messages may have a priority level in the range of 1 to 99 where 1 is the highest and 99 is the lowest priority.

The participant may set priority levels in the range of 10 to 99. When a participant is issuing an AUTHORIZATION for debiting his account from another participant for transfer of funds in denars, he may authorize the other participants to send debit messages on his account with priorities from 6 to 99, from 6 to 9 or from 10 to 99.

If no priority level has been assigned to the message, it shall be considered that its level of priority is 99.

Priorities shall have integer values.

The priority level of a message for transfer of funds may be changed by the participant who has issued the message. Changes can be made if the message is queued.

19. The participant shall make payment in favor of:

- another participant who has an account at the National Bank;

- another own account in the National Bank; or

- participant in TARGET 2 system.

through its account at the National Bank, which is specified in the message or through another account designated in the message, if the participant has the authority to debit such account.

20. Any complaints about the executed transactions in MIPS shall be considered if received within three days as of the time of processing.

     When considering complaints, the participant shall cooperate and submit all requested information regarding the operations in MIPS, and valid information shall be considered those from MIPS and the participant's emails from MIPS, which may be verified to have originated from MIPS.

VI. WITHDRAWAL OF PAYMENT ORDERS

21. A message for transfer of funds may be withdrawn by a participant only if the message is in queue in accordance with item 14 paragraph 3 of these Rules or if it has not yet been executed.

VII. WORKING DAYS

22. MIPS system for payments in denars shall be available to participants during all working days.

     Working day for payment in denars is any day except Saturday (except if it shall be declared as a working day with a Decision from a competent body), Sunday and holidays declared to be non-working days in the Republic of North Macedonia..

     The MIPS system for payments in euros shall be available to the participants during all working days of TARGET 2 system and during all working days for payments in denars in accordance with paragraph 2 of this item.

     The National Bank notifies the participants regarding the MIPS working days for payments in denars and in euros at the end of the year for the following one. The National Bank publishes a calendar on its internet site for MIPS working days for payments in denars and euros.

     In case of exceptional circumstances, the National Bank may change the MIPS working days, whereby it shall inform the participants of the changes as soon as possible.

VIII. WORKING HOURS

23. System activation starts at the SYSTEM START moment and ends at the SYSTEM END moment.

     The MIPS working hours are divided into phases according to the working days of MIPS and TARGET 2 and the allowed payments in denars and euros.

MIPS AND TARGET 2 WORKING DAY – PAYMENTS IN DENARS AND EUROS

In the working days for both payment systems, MIPS enables payments in euros and denars.

MIPS working hours shall be determined in the following moments:

Moment 0

From this moment MIPS processes the inflowing messages from TARGET 2 system.

SYSTEM START moment

From this moment, the system is available to the participants given below, and they can communicate messages for transfer of funds:

- Banks and National Bank;

- Treasury System; and

- Other participants in accordance with item 3 paragraph 6 of these Rules.

Moment 1

From this moment, MIPS is available for clearing settlements of the International Card System AD Skopje (hereinafter: CaSys).

Moment 2

From this moment, MIPS is available for clearing settlements of the Central Securities Depositary AD Skopje (hereinafter: CSD).

Moment 3

At this moment, MIPS ceases receiving messages for clearing settlement of CSD. Until this moment, CSD should reduce its securities settlement account to 0 (zero) denars.

At this moment, MIPS ceases receiving messages for clearing settlement of CaSys. Until this moment, CaSys should reduce its settlement account to 0 (zero) denars.

Moment 4

From this moment, MIPS is available to Mastercard Global Settlement Services (hereinafter: Mastercard) and from this moment Mastercard may communicate messages for clearing settlement.

Moment 5

At this moment, MIPS is available for Clearing House Clearing Interbank Systems AD, Skopje (hereinafter: KIBS) and from this moment, KIBS may communicate messages for clearing settlements.

Moment 6

At this moment, MIPS ceases receiving messages for clearing settlement of KIBS. Until this moment, CSD should reduce its securities settlement account to 0 (zero) denars.

At this moment, MIPS ceases receiving messages for clearing settlement of Mastercard. Until this moment, Mastercard should reduce its settlement account to 0 (zero) denars.

Moment 7

At this moment, MIPS ceases receiving messages for transfer of funds in denars from:

- Banks and the National Bank for its clients;
- Treasury Systems

- Other participants in accordance with item 3 paragraph 6 of these Rules, excluding messages from CDS related to settlements of transactions concluded in markets through counters.

Moment 8

At this moment, MIPS ceases receiving any messages for transfer of funds in euros from the banks for their clients.

Moment 9

At this moment, MIPS ceases receiving any messages for transfers of funds in Euros from the National Bank for their clients.

Moment 10

At this moment MIPS ceases receiving any messages for transfers of funds in denars.

Notwithstanding, from this moment MIPS receives messages for approving credits overnight from the National Bank.

At this moment, MIPS ceases receiving any messages for settlement through the application of the "payment versus payment" principle.

Moment 11

At this moment, MIPS ceases receiving any messages for credit approval overnight in denars.

At this moment, MIPS issues statements for the accounts in denars for the participants.

Moment 12

At this moment, MIPS ceases receiving any messages for transfer of fund in euros from the banks.

Moment 13

At this moment, MIPS ceases receiving any messages for transfer of funds in euros from all participants in MIPS.

Moment 14

At this moment, when MIPS shall receive the account statement of the National Bank the procedure of data compliance in TARGET 2 shall start. After the procedure of data compliance with the statement shall be done, MIPS system shall issue statement for accounts in euros of the banks and the National Bank.

SYSTEM END moment

Turn-off of MIPS.

MIPS ONLY WORKING DAY – PAYMENTS IN DENARS AND DOMESTIC PAYMENTS IN EUROS

In the MIPS ONLY working days, MIPS shall only enable payments in denars and domestic payments (from resident to resident) in euros. TARGET 2 shall reject all the payments in euros sent from domestic participants to foreign receivers with the same currency date (T+0), but MIPS shall settle the domestic payments from resident to resident in euros, including the messages for settlement with the application of "payment versus payment" principle. MIPS shall accept payments in euros with next currency dates.

MIPS shall not receive account statement of the National Bank in TARGET 2, since the procedure for data compliance is not applied and MIPS shall issue the statements for euro accounts of the participants without compliance.

In the MIPS ONLY working days, MIPS shall process the account balances in denars and euros and in Moment 9 shall issue statements for accounts in denars and in euros.

MIPS working hours shall be determined in the following moments:

Moments 1 to 6 in the MIPS ONLY working days are the same as in the MIPS and TARGET 2 working days.

Moment 7

At this moment, MIPS ceases receiving any messages for transfer of funds in denars from:

- Banks and the National Bank for their clients;
- Treasury Systems
- Other participants in accordance with item 3 paragraph 6 of these Rules, excluding messages from CDS related to settlements of transactions concluded in markets through counters.

At this moment, MIPS ceases receiving any messages for transfer of funds in euros from the Banks and National Bank for their clients.

Moment 8

At this moment, MIPS ceases receiving any messages for transfer of fund in denars and euros.

Notwithstanding, from this moment, MIPS receives messages for overnight credit approval in denars from the National Bank.

Moment 9

At this moment, MIPS ceases receiving any messages for overnight credit approval in denars.

At this moment, MIPS issues statements for accounts in denars and euros for the participants.

SYSTEM END Moment

Turn-off MIPS.

WORKING DAY TARGET 2 ONLY – PAYMENTS IN EUROS

In TARGET 2 ONLY working days, MIPS shall enable only payments in euros.

If the payments in euros abroad are with a set currency date, they shall be accepted to be queued as in other working days.

MIPS rejects any payments in denars on TARGET 2 ONLY working days.

The settlement messages with the application of "delivery versus payment" principle shall not allowed on TARGET 2 ONLY working days.

During TARGET 2 ONLY working days, MIPS shall process the account balances in denars and euros, and during Moment 5 shall only issue statements for accounts in euros.

In Moment 5, MIPS system shall receive a statement from the National Bank account in TARGET 2 and shall start the regular procedure for data compliance.

MIPS working hours shall be determined in the following moments:

Moment 0

At this moment, MIPS processes the inflowing messages from TARGET 2 system.

SYSTEM START moment

At this moment, MIPS system is available for the participant who perform payments in euros.

Moment 1

At this moment, MIPS ceases receiving any messages for transfer of funds in euros from the banks for their clients.

Moment 2

At this moment, MIPS ceases receiving any messages for transfer of funds in euros from the National Bank for its clients.

Moment 3

At this moment, MIPS ceases receiving any messages for transfer of funds in euros from the banks.

Moment 4

At this moment, MIPS ceases receiving any messages for transfer of funds in euros from all participants in MIPS.

Moment 5

From the moment when MIPS will receive a statement from the National Bank account in TARGET 2, the procedure of data compliance begins.

After the end of the data compliance procedure with the statement, MIPS system issues statements for the accounts in euros of the Banks and the National Bank.

SYSTEM END moment;

Turn-off MIPS.

The starting point of the prescribed moments is defined in the **Time Schedule**, which is an integral part of these Rules (Annex 3).

24. For all other messages that do not represent transfer of funds, MIPS is available from the SYSTEM START to the SYSTEM END.

25. In events of emergency or contingency, the National Bank shall have the right to change the MIPS working hours, and shall inform all participants in MIPS thereon.

   The National Bank may terminate the MIPS operations during the day due to:

   - maintenance which shall be conducted during MIPS working hours;

   - on request of the authorized institutions; and

   - emergency changes in the certified public key.

26. Working hours may be extended on request of one or more participants.

   Notwithstanding paragraph 1 of this item, working hours for messages in euros shall not be changed, except with a special notice to the National Bank.

   The request for extension of working hours in terms of paragraph 1 of this item shall be submitted by MT 999 message, and if there are no technical conditions, the request shall be submitted by fax and the MIPS on-call operator shall be notified by phone.

   The MIPS working hours in terms of paragraph 1 of this item may be extended for no more than 60 minutes, regardless of whether there are more requests one after another.

   The extension of the working hours may be longer than 60 minutes and is approved by the Payment Systems Department at the National Bank.

   The request sent through telefax shall also be sent by post to the National Bank, the next working day at the latest.

   When the working hours are extended, the moments of the time schedule that follow shall be moved for the approved extension only for the messages in denars, while the messages in euros shall be executed according to the TARGET2 rules. .

IX. STATEMENT

27. For all implemented changes to an account in one working day, a statement shall be issued at the end of the day.

   The statement shall contain an initial statement, amount and reference of messages that changed the account and end balance of the account.

   The National Bank has the right to issue a new statement for the same currency date after the **System End** moment. In that case, the last generated statement shall be considered a final statement, and all previous statements within the same currency date shall be considered preliminary.

If within 3 days after the issuance of the statement, the National Bank does not receive any written complaint to the contents of the statement, it shall be considered that the participant agrees with the account balance.

The National Bank shall not perform any changes to the participants' account balance for the working days before the current working day.

X.   BLOCKING AN ACCOUNT

28. The National Bank has the right to block participant's account.

The account may be blocked for all inflows, all outflows or all inflows and outflows.

Blocking the account shall come into effect immediately and it shall be communicated to the participant.

Blocking the account causes messages for inflow and/or outflow of the particular accounts not to be immediately executed and to remain in the queue. If the account is unblocked during the day, they shall be executed. If not unblocked, they shall be canceled at the end of the day.

In case a participant pays funds to an account that is blocked for inflows, such participant shall be properly notified that the account is blocked, and the message shall remain in the queue.

XI. REMUNERATION

29. Fee shall be charged for MIPS operations under the Decision on the single tariff for levying fees for services rendered by the National Bank ("Official Gazette of the Republic of Macedonia" no. 100/12, 63/13, 121/13, 116/14, 49/15 and 112/15).

XII. ARCHIVING

30. The participant undertakes to archive data emerging from its communication with MIPS.

The participant shall store archived data as required by the existing regulations.

31. The National Bank undertakes to submit a copy of the message to the participant through MIPS if it not older than 7 currency days.

The participant may also request a copy of the messages with an older currency date by a prior written request signed by the participant's MIPS Officer.

XIII. SECURITY REQUEST FOR MIPS PARTICIPANTS

32. The participant shall have a procedure for providing continuity in the operation and process the messages in conditions of emergency.

The participant shall set appropriate security control mechanisms for protecting the integrity, confidentiality and availability of the information system.

.

MIPS participants shall conclude service level agreements with software, hardware and telecommunication service provider, as well as other critical services related to MIPS operation.

In conditions of unavailability of the systems and communication links for processing of messages in MIPS with the participants, the National Bank enables processing of messages for transfer of funds from the participants in MIPS from a laptop computer owned by the participant, through network connections on the premises of the primary and disaster recovery location of the National Bank.

The participant shall submit written authorization of officials for processing of messages from a laptop computer to the National Bank. The written authorization shall be completed in accordance with Annex 1 which is an integral part of these Rules. The authorization shall be signed by a person authorized to legally represent the participant. The written authorization can be submitted in a paper form signed by the person authorized to legally represent the participant or in an electronic form, digitally signed by the person authorized to legally represent the participant, with a qualified certificate for professional purposes. The validity of the certificate should be checked with the authorized issuer of certificates over the Internet.

The participant shall submit to the National Bank a written application of laptop computers from which the authorized officials with the participant will be able to process messages for transfer of funds on the premises of the National Bank. The application shall be completed in accordance with the form of Annex 1 which is an integral part of these Rules. The application of personal computers can be submitted in a paper form signed by a person authorized to legally represent the participant or in an electronic form, digitally signed by the person authorized to legally represent the participant with a qualified certificate for professional purposes. The validity of the certificate should be checked with the authorized issuer of certificates over the Internet.

The laptop computers referred to in paragraph 6 of this item should have installed antivirus software with the latest antivirus definitions, personal firewall, operating system with active support by the manufacturer on which the latest upgrades and security patches are installed.

In case of a need for a MIPS participant to process messages from a laptop computer in its possession through network connections on the premises of the primary or disaster recovery location of the National Bank, it shall communicate with the persons responsible for business support for MIPS in the National Bank, for which contact data are stated in Annex 2 which is an integral part of these Rules.

The authorized officials shall process the messages in the National Bank in accordance with the Technical instructions for processing of messages in MIPS through a laptop computer of the participant, that the Payment Systems Department in the National Bank prepares and submits to the participants.

The National Bank shall maintain a registry of authorized officials and personal computers of the participant for processing of messages in MIPS.

XIV. PROCEDURES IN CASE OF DISRUPTION OF THE MIPS OPERATION

33. Upon emergency external events or in cases of disruption of any component of MIPS or the

telecommunication network results with the danger of disrupting the regular MIPS operations, the National Bank shall have the right to undertake measures in order to secure the continuity of the operation and processing of the messages in emergency condition.

Upon disruption occurrence, the National Bank shall ask from the participants to submit the messages to the reserve location in MIPS. The National Bank shall have the right to change the working MIPS hours, and shall inform the participants as soon as possible.

XV. TRANSITIONAL AND FINAL PROVISIONS

34. On the day when these Rules shall enter into force, the MIPS Operation Rules no. 36017 of 07.12.2016, no. 37032 of 30.11.2017, no. 36106/1 of 16.11.2018, no. 20031/1 of 17.06.2019 and no. 02-11720/1 of 17.04.2020 shall become void.

These Rules shall enter into force on 01.01.2021.

The application from item 32 paragraph 3 shall be completed in the period of one year at the latest from the day when these Rules shall enter into force.

No. 02-32036/1   Anita Angelovska Bezhoska
28 December 2020   Governor
Skopje

Annex 1

<table>
<tr><td colspan="2" align="center">APPLICATION
for participation in the Macedonian Interbank Payment System (MIPS)
of the National Bank of the Republic of North Macedonia</td></tr>
<tr><td colspan="2">New ☐   Change ☐   Deregistration ☐   (mark only one)</td></tr>
<tr><td colspan="2">Date: ☐☐.☐☐.☐☐☐☐ year   Number:_____</td></tr>
<tr><td colspan="2">A) INSTITUTIONAL DATA</td></tr>
<tr><td>1. Participant's full name and unique company identification number (UCIN)</td><td>UCIN: _____</td></tr>
<tr><td>2. Short title</td><td></td></tr>
<tr><td>3. Official address of the participant (postal address)</td><td></td></tr>
<tr><td>4. Address where the system for communication with MIPS is placed (postal address)</td><td></td></tr>
<tr><td>5. Sorting code of institution</td><td>☐ ☐ ☐</td></tr>
<tr><td>6. BIC code</td><td>☐ ☐ ☐ ☐   ☐ ☐ ☐ ☐   x   x   x</td></tr>
<tr><td rowspan="4">7. The participant becomes a member as:

(Mark with X)</td><td>☐ Bank</td></tr>
<tr><td>☐ Clearing house</td></tr>
<tr><td>☐ Treasury system</td></tr>
<tr><td>☐ Other institution:</td></tr>
<tr><td>8. Date of effective participation</td><td>☐☐.☐☐.☐☐☐☐ year</td></tr>
<tr><td>9. Attachments to the form</td><td></td></tr>
</table>

___ / ___

Initials

B) METHODS OF TRANSMITTING MESSAGES
During message transmission in MIPS, the following methods of transmitting messages will be used:

(fill only one box in rows 10 and 11 with X)

10. Method No. 1	☐ Primary	☐ Reserve	☐ Not used
11. Method No. 2	☐ Primary	☐ Reserve	☐ Not used

With the signature of this application the participant shall accept the MIPS Operation Rules and any further changes and amendments to these Rules.

If the changes and amendments shall not be accepted, the participant in a similar form like this one can request exclusion from MIPS.

_____

Name and surname of the manager

Received by:

Name and surname of the authorized person at the National Bank of the Republic of North Macedonia

_____

Signature

Date:

Hour:

The participant is not allowed to fill in the boxes with grey basis that should be filled in by the National Bank.

APPLICATION
of responsible officer about MIPS with the participant

To the MIPS Participation Agreement No. _____ of ☐☐.☐☐.☐☐☐☐

1. Participant's full name and unique company identification number (UCIN)	UCIN: _____
2. BIC code	☐☐☐☐ ☐☐☐ x x x
3. Sorting code of institution	☐☐☐

Please register the following person as a responsible officer related to MIPS from

our institution starting from: ☐☐.☐☐.☐☐☐☐

4. Name	
5. Surname	
6. Position	
7. Department	
8. Address	
9. Business phone	
10. Fax	
11. Mobile phone	
12. E-mail	
13. Signature	

Date

☐☐.☐☐.☐☐☐☐

_____
Name and surname of the manager

Signature

APPLICATION
of security officer in MIPS with the participant

To the MIPS Participation Agreement No. _____ of ☐☐.☐☐.☐☐☐☐	

1. Participant's full name and unique company identification number (UCIN)	UCIN: _____
2. BIC code	☐☐☐☐ ☐☐☐ X X X
3. Sorting code of institution	☐☐☐

Please register the following person as a security officer in MIPS from our

institution starting from: ☐☐.☐☐.☐☐☐☐

4. Name	
5. Surname	
6. Position	
7. Department	
8. Address	
9. Business phone	
10. Fax	
11. Mobile phone	
12. E-mail	
13. Signature	

Date

☐☐.☐☐.☐☐☐☐

_____
Name and surname of
the responsible officer for MIPS
with the participant

Signature

AUTHORIZATION
of officials for processing of messages on the premises of the National Bank from a laptop computer of the participant

To the MIPS Participation Agreement No. _____ of ⬜⬜.⬜⬜.⬜⬜⬜⬜

1. Participant's full name and unique company identification number (UCIN)	UCIN: _____
2. BIC code	⬜⬜⬜⬜ ⬜⬜⬜⬜ x x x
3. Sorting code of institution	⬜⬜⬜

Please register the following persons as officials for processing of messages from a personal computer from our institution starting from: ⬜⬜.⬜⬜.⬜⬜⬜⬜

Name and surname	ID or passport number of the official

Date

⬜⬜.⬜⬜.⬜⬜⬜⬜

_____
Name and surname of
the person authorized
to represent the participant

Signature

APPLICATION
of laptop computers of the participant
for processing of messages on the premises of the National Bank

To the MIPS Participation Agreement No. _____ of ☐☐.☐☐.☐☐☐☐

1. Participant's full name and unique company identification number (UCIN)	UCIN: _____
2. BIC code	☐☐☐☐ ☐☐☐ X X X
3. Sorting code of institution	☐☐☐

Please register the following personal computers for processing of messages on the premises of the National Bank from our institution starting from: ☐☐.☐☐.☐☐☐☐

Model	Serial No.	Inventory No.

Date

☐☐.☐☐.☐☐☐☐

_____
Name and surname of
the person authorized
to represent the participant

Signature

AUTHORIZATION
for debiting an account of another participant

To the MIPS Participation Agreement No. _____ of ☐☐.☐☐.☐☐☐☐

1. Participant's full name and unique company identification number (UCIN)	UCIN: _____
2. BIC code	☐☐☐☐ ☐☐☐ x x x
3. Sorting code of institution	☐☐☐☐

Please, starting from ☐☐.☐☐.☐☐☐☐

of our account number in MIPS No. ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

☐ **register** the authorization for debiting

☐ **deregister** the authorization for debiting

by the following participant:

Participant's full name and unique company identification number (UCIN)	UCIN: _____
BIC code	☐☐☐☐ ☐☐☐ x x x
The participant may issue orders with priority level from	☐☐ ☐☐
within the period from ☐☐:☐☐ to ☐☐:☐☐	

☐☐.☐☐.☐☐☐☐

_____
Name and surname of the manager Date

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Signature

APPLICATION
of the method of transmitting messages in MIPS

To the MIPS Participation Agreement No. _____ of ☐☐.☐☐.☐☐☐☐

1. Participant's full name and unique company identification number (UCIN)	UCIN: _____

2. BIC code	☐☐☐☐ ☐☐☐ x x x

3. Sorting code of institution	☐☐☐

During message transmission in MIPS, the following methods of transmitting messages will be used:

(fill only one box in rows 4 and 5 with x)

4. Method No. 1	☐ Primary	☐ Reserve	Not used ☐
5. Method No. 2	☐ Primary	☐ Reserve	Not used ☐

Fields 6, 7 and 8 are only filled for Method No. 2	
6. Participant's computer type	
7. Participant's operating system type	
8. Name of the application for MIPS connection	
9. Date of change	☐☐.☐☐.☐☐☐☐

The bank uses the method of transmitting messages which is marked as primary.

The reserve method can be declared as primary, at least one day in advance,
by completing a new application form.

Date

☐☐.☐☐.☐☐☐☐

_____
Name and surname of
the responsible officer
for MIPS with the participant

Signature

_____

_____
Name of the participant in MIPS

PUBLIC KEY
APPLICATION

With this application we want to register the following public key:

which shall be used for:

- ❏ Signing Box 4 of the messages in MIPS
- ❏ Singing the whole message

(check **only** one check-box)

as a public key of _____.

The key is valid until ___**.**___**.**_____.

1. Received and checked by:

_____ _____
                         date and time

2. Verified by:

_____ _____
                         date and time

3. Inserted in the system by:

_____ _____
                         date and time

FILLED BY THE NATIONAL BANK OF THE REPUBLIC OF NORTH
MACEDONIA

_____
Signature of the authorized security officer in
MIPS with the participant

AUTHORIZATION
for servicing an account of the applicant
in the National Bank of the Republic of North Macedonia
by a participant in the Macedonian Interbank Payment System

New ☐   Change ☐   Deregistration ☐   (mark only one)

Date: ☐☐.☐☐.☐☐☐☐ year   Number:_____

A) INSTITUTIONAL DETAILS for the applicant of the authorization (hereinafter: INDIRECT PARTICIPANT)

1. Participant's full name and unique company identification number (UCIN)	UCIN: _____
2. Short name	
3. Official address (postal address)	
4. Account with the NBRNM	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐
5. Agreement for opening an account	
6. Date of concluding the agreement for opening an account with the NBRNM	☐☐.☐☐.☐☐☐☐

B) INSTITUTIONAL DETAILS for the participant in MIPS (hereinafter: DIRECT PARTICIPANT)

1. Full name and unique company identification number (UCIN)	UCIN: _____
2. Short name	
3. Official address (postal address)	
4. Address where the system for communication with MIPS is placed (postal address)	
5. Sorting code of institution	☐☐☐
6. BIC code	☐☐☐☐ ☐☐☐☐ x x x
7. Agreement for participating in MIPS number	
8. Date of concluding the agreement for participating in MIPS	☐☐.☐☐.☐☐☐☐

Initials   ___ / ___   page 1/2

12

Please, starting from ☐☐.☐☐.☐☐☐☐

  ☐ **register** this authorization

  ☐ **deregister** the authorization No. _____

for the account No.☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐ of the indirect participant.

With this authorization, the **indirect participant** authorizes the direct participant to maintain their account at the National Bank of the Republic of North Macedonia through the Macedonian Interbank Payment System.

The National Bank of the Republic of North Macedonia is authorized to process messages from the direct participant in accordance with the Agreement for participating in MIPS, and on the burden and in favor of the account of the indirect participant, which will be considered as sent by the indirect participant. Also, the National Bank of the Republic of North Macedonia is authorized to notify the direct participant of the balance of the indirect participant's account, thereby considering that the indirect participant is notified.

The method and dynamics of transmitting information related to the indirect participant's account are based on the agreement between the indirect and direct participant.

The registration of a new or change in the authorization require the approval from both the indirect and the direct participant. The deregistration of the authorization requires the approval only from the indirect participant.

The National Bank of the Republic of North Macedonia shall be notified of all changes at least seven (7) days in advance. In case of a need for urgent deregistration of the authorization, it can be performed in the current day, after which the indirect participant can continue to execute the payment orders through the National Bank of the Republic of North Macedonia.

Indirect participant	Received by:
Name and surname of the manager	
Signature	Name and surname of the authorized officer of the National Bank of the Republic of North Macedonia
	Signature
Direct participant	
Name and surname of the manager	
Signature	Date:
	Hour:

APPLICATION
of messages that the participant receives from MIPS

To the MIPS Participation Agreement No. _____ of ☐☐.☐☐.☐☐☐☐

1. Participant's full name and unique company identification number (UCIN)	UCIN: _____

2. BIC code	☐☐☐☐ ☐☐☐ ☐ ⟦x⟧ ⟦x⟧ ⟦x⟧

Please, starting from ☐☐.☐☐.☐☐☐☐ register

the following application in MIPS

3. Receipt of messages   (check only one check-box with x)

3.1. Credit notification MT 910	YES ☐	NO ☐

3.2 Statement report

☐ Detailed Statement report MT 940 ☐ or   Statement report MT 950

3.3 Notification for queued message (MT n96)	☐ YES	☐ NO

Date

☐☐.☐☐.☐☐☐☐

_____
Name and surname of
the responsible officer
for MIPS with the participant

Signature

14

AUTHORIZATION
for blocking outflows from an account

To the Agreement for opening an account in MIPS No. _____ ☐☐.☐☐.☐☐☐☐	
1. Participant's full name and unique company identification number (UCIN)	UCIN: _____
2. Short name	
3. Official address (postal address)	

Please, starting from ☐☐.☐☐.☐☐☐☐ our account number in MIPS No.
☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

☐ **register** the authorization for blocking outflows with transactions with priority level from 10 to 99

☐ **deregister** the authorization for blocking outflows with transactions with priority level from 10 to 99

in the period from 10:00 to 11:00.

Note: We agree that the above-stated period can be changed on written request of the Central Securities Depository to the National Bank of the Republic of North Macedonia.

_____
Name and surname of the manager

Date
☐☐.☐☐.☐☐☐☐

Signature

Annex 2

Contact data for communication with the National Bank regarding the MIPS operation

MIPS Security Officer at the National Bank:

- phone: (02) 3108 449 and
- e-mail: mips_rtgs@nbrm.gov.mk

Responsible officer at the National Bank related to MIPS:

- phone: (02) 3 108 444 and
- e-mail: mips@nbrm.gov.mk.

Business support for MIPS at the National Bank:

- phone: (02) 3 108 376, (02) 3 108 126, (02) 3 108 309, (02) 3 108 174
- e-mail: mips_rtgs@nbrm.mk (for payments in denars) and
- e-mail: mips_eur@nbrm.mk (for payments in euros).

Annex 3

**Time Schedule of MIPS in
WORKING DAY MIPS AND TARGET 2 – PAYMENTS IN DENARS AND EUROS**

Moment 0	07:00
SYSTEM START moment	08:00
Moment 1	09:00
Moment 2	10:00
Moment 3	11:00
Moment 4	12:00
Moment 5	14:30
Moment 6	15:30
Moment 7	16:30
Moment 8	16:45
Moment 9	16:55
Moment 10	17:00
Moment 11	17:05
Moment 12	17:45
Moment 13	17:55
Moment 14 After receiving a statement report from TARGET 2	
SYSTEM END moment	19:30

**Time Schedule of MIPS in
WORKING DAY MIPS ONLY – PAYMENTS IN DENARS AND DOMESTIC PAYMENTS
IN EUROS**

SYSTEM START moment	08:00
Moment 1	09:00
Moment 2	10:00
Moment 3	11:00
Moment 4	12:00
Moment 5	14:30
Moment 6	15:30
Moment 7	16:30
Moment 8	17:00
Moment 9	17:05
SYSTEM END moment	17:30

**Time Schedule of MIPS in
WORKING DAY TARGET 2 ONLY – PAYMENTS IN EUROS**

Moment 0	14:00
SYSTEM START moment	14:30
Moment 1	16:45
Moment 2	16:55
Moment 3	17:45
Moment 4	17:55
Moment 5 After receiving a statement from TARGET 2	
SYSTEM END moment	19:30