



TARGET2-Suomen Pankki

Rules for TARGET2-Suomen Pankki

- I General provisions**
- II Participation**
- III Obligations of the parties**
- IV Management of PM accounts and processing of payment orders**
- V Liquidity pooling**
- VI Security requirements and contingency issues**
- VII The Information and Contingency Module**
- VIII Compensation, liability regime and evidence**
- IX Termination of participation and closure of accounts**
- X Intraday credit**
- XI Final provisions**

Annex 1 Technical specifications for the processing of payment orders

Annex 2 TARGET2 compensation scheme

Annex 3 Terms of reference for capacity and country opinions

Annex 4 Business continuity and contingency procedures

Annex 5 Operating schedule

Annex 6 Fee schedule and invoicing

Annex 7 Aggregated liquidity agreement - variant A

Aggregated liquidity agreement - variant B

Annex 8 Supplemental and modified harmonized conditions for participation in TARGET2 using internet-based access

Appendix IA Technical specifications for the processing of payment orders for internet-based access

Appendix IIA Fee schedule and invoicing for internet-based access

Annex 9 Settlement procedures for ancillary systems

Annex 10 Requirement regarding information security management and business continuity management

RULES FOR TARGET2-SUOMEN PANKKI

TITLE I - GENERAL PROVISIONS

Article 1 Definitions

For the purposes of these Rules the following definitions apply:

‘addressable BIC holder’ means an entity which:

- (a) holds a Business Identifier Code (BIC);
- (b) is not recognised as an indirect participant in the PM; and
- (c) is a correspondent or customer of a PM account holder or a branch of a direct or indirect participant in the PM, and is able to submit payment orders to and receive payments from a TARGET2 component system via the PM account holder *(Amendment 30.11.2018)*

‘AL agreement’ means the multilateral aggregated liquidity agreement entered into by the AL group members and their respective AL NCBs, for the purposes of the AL mode;

‘AL group’ means a group composed of AL group members that use the AL mode;

‘AL group manager’ means an AL group member appointed by the other AL group members to manage available liquidity within the AL group during the business day;

‘AL group member’ means a PM account holder which has entered into an AL agreement;
(Amendment 22.6.2015)

‘AL mode’ means the aggregation of available liquidity on PM accounts;

‘AL NCB’ means a participating NCB that is party to an AL agreement and acts as the counterparty for the AL group members which participate in its TARGET2 component system;

‘ancillary system (AS)’ means a system managed by an entity established in the European Union or the European Economic Area (EEA) that is subject to supervision and/or oversight by a competent authority and complies with the oversight requirements for the location of infrastructures offering services in euro, as amended from time to time and published on the ECB website¹, in which payments and/or financial instruments are exchanged and/or cleared or recorded with (a) the monetary obligations settled in TARGET2 and/or (b) funds held in TARGET2, in accordance with Guideline ECB/2012/27 of the European Central Bank² and a bilateral arrangement between the ancillary system and the relevant Eurosystem CB; *(Amendment 30.11.2018)*

¹ The Eurosystem's current policy for the location of infrastructure is set out in the following statements, which are available on the ECB's website at www.ecb.europa.eu: (a) the policy statement on euro payment and settlement systems located outside the euro area of 3 November 1998; (b) the Eurosystem's policy line with regard to consolidation in central counterparty clearing of 27 September 2001; (c) the Eurosystem policy principles on the location and operation of infrastructures settling euro-denominated payment transactions of 19 July 2007; (d) the Eurosystem policy principles on the location and operation of infrastructures settling euro-denominated payment transactions: specification of 'legally and operationally located in the euro area' of 20 November 2008; (e) the Eurosystem oversight policy framework, revised version of July 2016.; *(Amendment 30.11.2018)*

² Guideline ECB/2012/27 of the European Central Bank of 5 December 2012 on a Trans-European Automated Real-time Gross settlement Express Transfer system (TARGET2) (OJ L 30, 30.1.2013, p. 1)



'ancillary system central bank (ASCB)' means the Eurosystem CB with which the relevant AS has a bilateral arrangement for the settlement of AS payment instructions in the PM;

'Ancillary System Interface (ASI)' means the technical device allowing an AS to use a range of special, predefined services for the submission and settlement of AS payment instructions; it may also be used by a participating NCB for the settlement of cash operations resulting from cash deposits and withdrawals;

'available liquidity' (or 'liquidity') means a credit balance on a participant's PM account and, if applicable, any intraday credit line granted by the relevant euro area NCB in relation to such account but not yet drawn upon, or, if applicable, decreased by the amount of any processed reservations of liquidity on the PM account; (*Amendment 30.11.2018*)

'Banking Directive' means Directive 2006/48/EC of the European Parliament and of the Council of 14 June 2006 relating to the taking up and pursuit of the business of credit institutions (recast)³;

'branch' means a branch within the meaning of point (17) of Article 4(1) of Regulation (EU) No 575/2013⁴ of the European Parliament and of the Council; ;

'business day' or 'TARGET2 business day' means any day on which TARGET2 is open for the settlement of payment orders, as set out in Annex V; (*Amendment 30.11.2018*)

'Business Identifier Code (BIC)' means a code as defined by ISO Standard No 9362; (*Amendment 22.11.2010*)

'CAI group' means a group composed of PM Account holders that use the CAI mode; (*Amendment 22.6.2015*)

'CAI group manager' means a CAI group member appointed by the other members of the CAI group to monitor and distribute the available liquidity within the CAI group during the business day;

'CAI mode' means the provision of consolidated account information in relation to PM accounts via the ICM;

'capacity opinion' means a participant-specific opinion that contains an assessment of a participant's legal capacity to enter into and carry out its obligations under these Rules;

'central banks (CBs)' means the Eurosystem CBs and the connected CBs;

'close links' means close links within the meaning of Article 138 of Guideline (EU) 2015/510 (ECB/2014/60); (*Amendment 15.4.2016*)

'connected CB' means a national central bank (NCB), other than a Eurosystem CB, which is connected to TARGET2 pursuant to a specific agreement;

"Contingency Solution" means the SSP functionality that processes very critical and critical payments in contingency, (*Amendment 17.11.2019*)

'credit institution' means (a) a credit institution within the meaning of point (1) of Article 4(1) of Regulation (EU) No 575/2013 and that is subject to supervision by a competent authority; or (b) another credit institution within the meaning of Article 123(2) of the Treaty that is subject to scrutiny of a standard comparable to supervision by a competent authority. (*Amendment 22.6.2015*)

³ OJ L 177, 30.6.2006, p. 1.

⁴ Regulation (EU) No 575/2013 of the European Parliament and of the Council of 26 June 2013 on prudential requirements for credit institutions and investment firms and amending Regulation (EU) No 648/2012 (OJ L 176, 27.6.2013, p. 1).

‘credit transfer order’ means an instruction by a payer to make funds available to a payee by means of a book entry on a PM account;

‘debit instruction’ means a payment instruction addressed to the SCB and submitted by an AS to debit a settlement bank's PM account or sub-account by the amount specified herein, on the basis of a debit mandate, and to credit either one of the AS's accounts in the PM or another settlement bank's PM account or sub-account;

‘deposit facility’ means a Eurosystem standing facility which counterparties may use to make overnight deposits with an NCB at a pre-specified deposit rate, *(Amendment 19.7.2014)*

‘deposit facility rate’ means the interest rate applicable to the deposit facility, *(Amendment 19.7.2014)*

‘direct debit authorisation’ means a general instruction by a payer to its CB entitling and obliging that CB to debit the payer's account upon receipt of a valid direct debit instruction from a payee, *(Amendment 15.4.2016)*

‘direct debit instruction’ means an instruction from a payee submitted to its CB pursuant to which the CB of the payer debits the payer's account by the amount specified in the instruction, on the basis of a direct debit authorisation;

‘enforcement event’ means, with regard to an AL group member:

- (a) any event of default referred to in Article 34(1);
- (b) any other event of default or event referred to in Article 34(2) in relation to which the Bank of Finland has decided, taking into account the seriousness of the event of default or event, that a pledge should be enforced in accordance with Article 25a(4) and a set-off of claims should be triggered in accordance with Article 26; or
- (c) any decision to suspend or terminate access to intraday credit;

‘entry disposition’ means a payment processing phase during which TARGET2-Suomen Pankki attempts to settle a payment order which has been accepted pursuant to Article 14, by means of specific procedures, as described in Article 20;

‘Eurosystem CB’ means the ECB or the NCB of a Member State that has adopted the euro;

‘European Payments Council's SEPA Instant Credit Transfer (SCT Inst) scheme’ or “SCT Inst scheme” means an automated, open standards scheme providing a set of interbank rules to be complied with by SCT Inst participants, allowing payment services providers in SEPA to offer an automated, SEPA-wide euro instant credit transfer product, *(Amendment 21.11.2021)*

‘event of default’ means any impending or existing event, the occurrence of which may threaten the performance by a participant of its obligations under these Rules or any other rules applying to the relationship between that participant and the Bank of Finland or any other CB, including:

- (a) where the participant no longer meets the access criteria laid down in Article 4 or the requirements laid down in Article 8(1)(a)(i) or, as applicable, the access criteria and/or technical requirements laid down in Annex VIII, or in the Rules on the opening and operation of a T2S Dedicated Cash Account in TARGET2-Suomen Pankki, or in the Rules on the opening and operation of a TIPS Dedicated Cash Account in TARGET2-Suomen Pankki or where, in respect of a participant entitled to access intraday credit

as defined in Title X of these Rules, eligibility as a counterparty for Eurosystem monetary policy operations has been suspended or terminated. (*Amendment 30.11.2018*)

- (b) the opening of insolvency proceedings in relation to the participant;
- (c) the submission of an application relating to the proceedings referred to in point (b);
- (d) the issue by the participant of a written declaration of its inability to pay all or any part of its debts or to meet its obligations arising in relation to intraday credit;
- (e) the entry of the participant into a voluntary general agreement or arrangement with its creditors;
- (f) where the participant is, or is deemed by its CB to be, insolvent or unable to pay its debts;
- (g) where the participant's credit balance on its PM account, T2S DCA, or TIPS DCA, or all or a substantial part of the participant's assets are subject to a freezing order, attachment, seizure or any other procedure that is intended to protect the public interest or the rights of the participant's creditors; (*Amendment 30.11.2018*)
- (h) where participation of the participant in another TARGET2 component system and/or in an ancillary system has been suspended or terminated;
- (i) where any material representation or pre-contractual statement made by the participant or which is implied to have been made by the participant under the applicable law is incorrect or untrue; or
- (j) the assignment of all or a substantial part of the participant's assets;

'group' means:

- a) a composition of credit institutions included in the consolidated financial statements of a parent company where the parent company is obliged to present consolidated financial statements under International Accounting Standard 27 (IAS 27), adopted pursuant to Commission Regulation (EC) No 1126/2008⁵ and consisting of either:
 - (i) a parent company and one or more subsidiaries; or
 - (ii) two or more subsidiaries of a parent company; or
- b) a composition of credit institutions as referred to in subparagraphs (a)(i) or (ii), where a parent company does not present consolidated financial statements in accordance with IAS 27, but may be able to satisfy the criteria defined in IAS 27 for inclusion in consolidated financial statements, subject to the verification of the CB of the direct PM account holder or, in the case of an AL group, the managing NCB; or
- (c) a bilateral or multilateral network of credit institutions that is:
 - (i) organised through a statutory framework determining the affiliation of credit institutions to such a network; or
 - (ii) characterised by self-organised mechanisms of cooperation (promoting, supporting and representing the business interests of its members) and/or economic solidarity going beyond the ordinary cooperation usual between credit institutions

⁵ Commission Regulation (EC) No 1126/2008 of 3 November 2008 adopting certain international accounting standards in accordance with Regulation (EC) No 1606/2002 of the European Parliament and of the Council (OJ L 320, 29.11.2008, p. 1). (*Amendment 21 November 2021*)

whereby such cooperation and solidarity are permitted by credit institutions' by-laws or articles of incorporation or established by virtue of separate agreements;

and in each case referred to in (c) the ECB's Governing Council has approved an application to be considered as constituting a group; (*Amendment 22.6.2015*)

'Information and Control Module (ICM)' means the SSP module that allows PM account holders to obtain on-line information and gives them the possibility to submit liquidity transfer orders, manage liquidity and, if applicable, initiate backup payment orders or payment orders to the Contingency Solution in a contingency; (*Amendment 17.11.2019*)

'ICM broadcast message' means information made simultaneously available to all or a selected group of PM account holders via the ICM; (*Amendment 30.11.2018*)

'indirect participant' means a credit institution established in the Union or the EEA, which has entered into an agreement with a PM account holder to submit payment orders and receive payments via such PM account holder's PM account, and which has been recognised by a TARGET2 component system as an indirect participant; (*Amendment 30.11.2018*)

'insolvency proceedings' means insolvency proceedings within the meaning of Article 2(j) of the Settlement Finality Directive;

'instant payment order' means, in line with the European Payments Council's SEPA Instant Credit Transfer (SCT Inst) scheme, a payment instruction which can be executed 24 hours a day any calendar day of the year, with immediate or close to immediate processing and notification to the payer, and includes (i) the TIPS DCA to TIPS DCA instant payment orders, (ii) TIPS DCA to TIPS AS technical account instant payment orders, (iii) TIPS AS technical account to TIPS DCA instant payment orders and (iv) TIPS AS technical account to TIPS AS technical account instant payment orders; (*Amendment 21.11.2021*)

'instructing participant' means a TARGET2 participant that has initiated a payment order;

'intraday credit' means credit extended for a period of less than one business day;

'investment firm' means an investment firm within the meaning of chapter 1, section 13, paragraph 1 of the Investment Firms Act (747/2012), excluding the institutions specified in chapter 1, sections 2 to 3, if the foreign investment firm is authorised within the European Economic Area, provided that the investment firm in question is:

- (a) authorised and supervised by a recognised competent authority, which has been designated as such under Directive 2014/65/EU; and
- (b) entitled to carry out the activities referred to in section 15 ; subsections 2,3,6 and 7 of the Investment Firms Act

'liquidity transfer order' means a payment order, the main purpose of which is to transfer liquidity between different accounts of the same participant or within a CAI or AL group;

'Linked PM account' means the PM account with which a TIPS DCA is associated for the purpose of liquidity management and payment of TIPS fees; (*Amendment 30.11.2018*)

'Main PM account' means the PM Account to which a T2S DCA is linked and to which any remaining balance will be automatically repatriated at the end of the day; (*Amendment 30.11.2018*)

‘managing NCB’ means the AL NCB of the TARGET2 component system in which the AL group manager participates;

‘marginal lending facility’ means a Eurosystem standing facility which counterparties may use to receive overnight credit from a Eurosystem CB at the pre-specified marginal lending rate;

‘marginal lending rate’ means the interest rate applicable to the marginal lending facility;

‘multi-addressee access’ means the facility by which branches or credit institutions established in the Union or the EEA can access the relevant TARGET2 component system by submitting payment orders and/or receiving payments directly to and from the TARGET2 component system; this facility authorises these entities to submit their payment orders through the PM account holder’s PM account without that participant’s involvement; (*Amendment 30.11.2018*)

‘network service provider’ means the undertaking appointed by the ECB’s Governing Council to provide computerised network connections for the purpose of submitting payment messages in TARGET2;

‘non-settled payment order’ means a payment order that is not settled on the same business day as that on which it is accepted

‘participant’ (or ‘direct participant’) means an entity that holds at least one PM account (PM account holder) and/or one T2S Dedicated Cash Account (T2S DCA holder) and/or one TIPS Dedicated Cash Account (TIPS DCA holder) with a Eurosystem CB; (*Amendment 30.11.2018*).

‘payee’, except where used in Article 43, means a TARGET2 participant whose PM account will be credited as a result of a payment order being settled;

‘payer’, except where used in Article 43, means a TARGET2 participant whose PM account will be debited as a result of a payment order being settled;

‘payment order’ means a credit transfer order, a liquidity transfer order, a direct debit instruction, a PM to T2S DCA liquidity transfer order, a T2S DCA to PM liquidity transfer order, a T2S DCA to T2S DCA liquidity transfer order, a PM to TIPS DCA liquidity transfer order, a TIPS DCA to PM liquidity transfer order, a TIPS AS technical account to TIPS DCA liquidity transfer order, a TIPS DCA to TIPS AS technical account liquidity transfer order, an instant payment order, or a positive recall answer; (*Amendment 21.11.2021*)

‘Payments Module (PM)’ means an SSP module in which payments of PM account holders are settled on PM accounts;

‘PM account’ means an account held by a TARGET2 participant in the PM with a CB which is necessary for such TARGET2 participant to:

- (a) submit payment orders or receive payments via TARGET2; and
- (b) settle such payments with such CB;

‘PM to T2S DCA liquidity transfer order’ means the instruction to transfer a specified amount of funds from a PM account to a T2S DCA; (*Amendment 30.11.2018*)

‘PM to TIPS DCA liquidity transfer order’ means the instruction to transfer a specified amount of funds from a PM account to a TIPS DCA; (*Amendment 30.11.2018*)

‘positive recall answer’ means, in line with the SCT Inst scheme, a payment order initiated by the receiver of a recall request, in response to a recall request, for the benefit of the sender

of that recall request, *(Amendment 30.11.2018)*

‘public sector body’ means an entity within the ‘public sector’, the latter term as defined in Article 3 of Council Regulation (EC) No 3603/93 of 13 December 1993 specifying definitions for the application of the prohibitions referred to in Articles 104 and 104b(1) of the Treaty⁶

‘reachable party’ means an entity which: (a) holds a BIC; (b) is designated as a reachable party by a TIPS DCA holder or by an ancillary system; (c) is a correspondent, customer or branch of a TIPS DCA holder or a participant of an ancillary system, or a correspondent, customer, or branch of a participant of an ancillary system; and (d) is addressable through the TIPS Platform and is able to submit instant payment orders and receive instant payment orders either via the TIPS DCA holder or the ancillary system or, if so authorised by the TIPS DCA holder or by the ancillary system, directly.⁷; *(Amendment 21.11.2021)*

‘recall request’ means, in line with the SCT Inst scheme, a message from a TIPS DCA holder requesting reimbursement of a settled instant payment order, *(Amendment 30.11.2018)*

‘settlement bank’ means a participant whose PM account or sub-account is used to settle AS payment instructions;

‘settlement central bank (SCB)’ means a Eurosystem CB holding a settlement bank’s PM account;

‘Settlement Finality Directive’ means Directive 98/26/EC of the European Parliament and of the Council of 19 May 1998 on settlement finality in payment and securities settlement systems⁷;

‘Single Shared Platform (SSP)’ means the single technical platform infrastructure provided by the SSP-providing CBs;

‘SSP-providing CBs’ means the Deutsche Bundesbank, the Banque de France and the Banca d’Italia in their capacity as the CBs building and operating the SSP for the Eurosystem’s benefit;

‘static data collection form’ means a form developed by the Bank of Finland for the purpose of registering applicants for TARGET2-Suomen Pankki services and registering any changes in relation to the provision of such services;

‘suspension’ means the temporary freezing of the rights and obligations of a participant for a period of time to be determined by the Bank of Finland;

‘TARGET Instant Payment Settlement (TIPS) service’ means the settlement in central bank money of instant payment orders on the TIPS Platform; *(Amendment 30.11.2018)*

‘TARGET2-Suomen Pankki’ means the TARGET2 component system of the Bank of Finland;

‘TARGET2’ means the entirety resulting from all TARGET2 component systems of the CBs;

‘TARGET2 component system’ means any of the CBs’ real-time gross settlement (RTGS) systems that form part of TARGET2;

‘TARGET2 CUG’ means a subset of the network service provider’s customers grouped for the purpose of their use of the relevant services and products of the network service provider when accessing the PM;

‘TARGET2 participant’ means any participant in any TARGET2 component system;

⁶ OJ L 332, 31.12.1993, p. 1.

⁷ OJ L 166, 11.6.1998, p. 45.

‘T2S Dedicated Cash Account (T2S DCA)’ means an account held by a T2S DCA holder, opened in TARGET2-Suomen Pankki and used for cash payments in relation to securities settlement in T2S; *(Amendment 22.6.2015)*

‘technical malfunction of TARGET2’ means any difficulty, defect or failure in the technical infrastructure and/or the computer systems used by TARGET2-Suomen Pankki, or any other event that makes it impossible to execute and complete the same business-day processing of payments in TARGET2-Suomen Pankki. *(Amendment 30.11.2018)*

‘TIPS ancillary system technical account (TIPS AS technical account)’ means an account held by an ancillary system or a CB on an ancillary system's behalf in the CB's TARGET2 component system for use by the ancillary system for the purpose of settling instant payments in its own books, *(Amendment 21.11.2021)*

‘TIPS AS technical account to TIPS DCA liquidity transfer order’ means the instruction to transfer a specified amount of funds from a TIPS AS technical account to a TIPS DCA to defund the TIPS DCA holder's position (or the position of another participant of the ancillary system) in the books of the ancillary system *(Amendment 21.11.2021)*

‘TIPS DCA to PM liquidity transfer order’ means the instruction to transfer a specified amount of funds from a TIPS DCA to a PM account, *(Amendment 30.11.2018)*

‘TIPS Dedicated Cash Account (TIPS DCA)’ means an account held by a TIPS DCA holder, opened in TARGET2-Suomen Pankki, and used for the provision of instant payment services to its customers, *(Amendment 30.11.2018)*

‘TIPS DCA to TIPS AS technical account liquidity transfer order’ means the instruction to transfer a specified amount of funds from a TIPS DCA to a TIPS AS technical account to fund the TIPS DCA holder's position (or the position of another participant of the ancillary system) in the books of the ancillary system *(Amendment 21.11.2021)*

‘TIPS Platform’ means the single technical platform infrastructure provided by the TIPS Platform-providing NCBs, *(Amendment 30.11.2018)*

‘TIPS Platform-providing NCBs’ means the Deutsche Bundesbank, the Banco de España, the Banque de France and the Banca d'Italia in their capacity as the CBs building and operating the TIPS Platform for the Eurosystem's benefit, *(Amendment 30.11.2018)*

‘User Detailed Functional Specifications (UDFS)’ means the most up-to-date version of the UDFS, which is the technical documentation that details how a participant interacts with TARGET2. *(Amendment 22.11.2010)*

Article 1a Scope

The present Rules govern the relationship between the relevant euro area NCB and its PM account holder as far the opening and the operation of the PM account is concerned.
(Amendment 22.6.2015)

Article 2 Annexes

1. The following Annexes form an integral part of these Rules:

Annex I: Technical specifications for the processing of payment orders

Annex II: TARGET2 compensation scheme

Annex III: Terms of reference for capacity and country opinions

Annex IV: Business continuity and contingency procedures

Annex V: Operating schedule

Annex VI: Fee schedule and invoicing

Annex VII: Aggregated liquidity agreement

Annex VIII: Supplemental and Modified harmonised conditions for participation in TARGET2 using internet-based access

Annex IX: Settlement Procedures for Ancillary Systems

Annex X: Requirements regarding information security management and business continuity management (Amendment 21.11.2021)

In the event of any conflict or inconsistency between the content of any annex and the content of any other provision in these Rules, the latter shall prevail.

Article 3 General description of TARGET2

1. TARGET2 provides real-time gross settlement for payments in euro, with settlement in central bank money across PM accounts, T2S DCAs for the purpose of securities transactions and TIPS DCAs for the purpose of instant payments.
2. The following transactions are processed in TARGET2-Suomen Pankki:
 - a) transactions directly resulting from or made in connection with Eurosystem monetary policy operations;
 - b) settlement of the euro leg of foreign exchange operations involving the Eurosystem;
 - c) settlement of euro transfers resulting from transactions in cross-border large-value netting systems;
 - d) settlement of euro transfers resulting from transactions in euro retail payment systems of systemic importance;
 - e) settlement of the cash leg of securities transactions;
 - f) T2S DCA to T2S DCA liquidity transfer orders, T2S DCA to PM liquidity transfer orders and PM to T2S DCA liquidity transfer orders;
 - fa) instant payment orders;

- fb) positive recall answers;
 - fc) TIPS DCA to PM liquidity transfer orders and PM to TIPS DCA liquidity transfer orders;
 - fd) TIPS DCA to TIPS AS technical account liquidity transfer orders and TIPS AS technical account to TIPS DCA liquidity transfer orders; and¹; (*Amendment 21.11.2021*)
 - g) any other transactions in euro addressed to TARGET2 participants.
3. TARGET2 provides real-time gross settlement for payments in euro, with settlement in central bank money across PM accounts, T2S DCAs and TIPS DCAs. TARGET2 is established and functions on the basis of the SSP through which payment orders are submitted and processed and through which payments are ultimately received in the same technical manner. As far as the technical operation of the T2S DCAs is concerned, TARGET2 is technically established and functions on the basis of the T2S Platform. As far as the technical operation of the TIPS DCAs and TIPS AS technical accounts is concerned, TARGET2 is technically established and functions on the basis of the TIPS Platform. (*Amendment 21.11.2021*)
 4. The Bank of Finland is the provider of services under these Rules. Acts and omissions of the SSP-providing NCBs shall be considered acts and omissions of the Bank of Finland, for which it shall assume liability in accordance with Article 31 below. Participation pursuant to these Rules shall not create a contractual relationship between PM account holders and the SSP-providing NCBs when any of the latter acts in that capacity. Instructions, messages or information which a PM account holder receives from, or sends to, the SSP in relation to the services provided under these Rules are deemed to be received from, or sent to, the Bank of Finland.
 5. TARGET2 is legally structured as a multiplicity of payment systems composed of all the TARGET2 component systems, which are designated as "systems" under the national laws implementing the Directive 98/26/EC. TARGET2-Suomen Pankki is designated as a "system" under the Act on Certain Conditions of Securities and Currency Trading as well as Settlement Systems (1084/1999).
 6. Participation in TARGET2 takes effect via participation in a TARGET2 component system. These Rules describe the mutual rights and obligations of PM account holders in TARGET2-Suomen Pankki and the Bank of Finland. The rules on the processing of payment orders under these Rules (Title IV and Annex I) refer to all payment orders submitted or payments received by any PM account holder. (*Amendment 30.11.2018*)



TITLE II - PARTICIPATION

Article 4 Access criteria

1. The following types of entities are eligible for direct participation in TARGET2-Suomen Pankki:
 - a) credit institutions established in the Union or the EEA, including when they act through a branch established in the Union or the EEA; (*Amendment 30.11.2018*)
 - b) credit institutions established outside the EEA, provided that they act through a branch established in the Union or the EEA; and (*Amendment 30.11.2018*)
 - c) NCBs of EU Member States and the ECB, provided that the entities referred to in points (a) and (b) are not subject to restrictive measures adopted by the Council of the European Union or Member States pursuant to Article 65(1)(b), Article 75 or Article 215 of the Treaty on the Functioning of the European Union, the implementation of which, in the view of Bank of Finland after informing the ECB, is incompatible with the smooth functioning of TARGET2.

2. The Bank of Finland may, at its discretion, also admit the following entities as direct participants:
 - a) treasury departments of central or regional governments of Member States; (*Amendment 17.11.2019*)
 - b) public sector bodies of Member States authorised to hold accounts for customers;
 - c)
 - i. investment firms established in the Union or the EEA including when they act through a branch established in the Union or the EEA; and
 - ii. investment firms established outside the EEA, provided that they act through a branch established in the Union or the EEA.; (*Amendment 17.11.2019*)
 - d) entities managing ancillary systems and acting in that capacity; and
 - e) credit institutions or any of the entities of the types listed in points (a) to (d), in both cases where these are established in a country with which the Union has entered into a monetary agreement allowing access by any of such entities to payment systems in the European Community, subject to the conditions set out in the monetary agreement and provided that the relevant legal regime applying in the country is equivalent to the relevant Union legislation. (*Amendment 30.11.2018*)

3. Electronic money institutions within the meaning of section 5, subsection 1, paragraph 2 b of the Payment Institutions Act (297/2010) are not entitled to participate in TARGET2-Suomen Pankki.

Article 5 Direct participants

1. PM account holders in TARGET2-Suomen Pankki are direct participants and shall comply with the requirements set out in Article 8(1) and (2). They shall have at least one PM account with the Bank of Finland. PM account holders that have adhered to the SCT Inst scheme by signing the SEPA Instant Credit Transfer Adherence Agreement shall be and shall remain reachable in the TIPS Platform at all times, either as a TIPS DCA holder or as a reachable party via a TIPS DCA holder (*Amendment 21.11.2021*)
2. PM account holders may designate addressable BIC holders, regardless of their place of establishment. PM account holders may designate addressable BIC holders that have adhered to the SCT Inst scheme by signing the SEPA Instant Credit Transfer Adherence Agreement only if such entities are reachable in the TIPS Platform, either as a TIPS DCA holder or as a reachable party via a TIPS DCA holder (*Amendment 21.11.2021*)
3. PM account holders may designate entities as indirect participants in the PM, provided that the conditions laid down in Article 6 are met. PM account holders may designate as indirect participants entities that have adhered to the SCT Inst scheme by signing the SEPA Instant Credit Transfer Adherence Agreement only if such entities are reachable in the TIPS Platform, either as a TIPS DCA holder with the Bank of Finland or as a reachable party via a TIPS DCA holder. (*Amendment 21.11.2021*)
4. Multi-addressee access through branches may be provided as follows:
 - a) a credit institution within the meaning of Article 4(1)(a) or (b), which has been admitted as a PM account holder may grant access to its PM account to one or more of its branches established in the Union or the EEA in order to submit payment orders and/or receive payments directly, provided that the Bank of Finland has been informed accordingly. (*Amendment 30.11.2018*)
 - b) where a branch of a credit institution has been admitted as a PM account holder, the other branches of the same legal entity and/or its head office, in both cases provided that they are established in the Union or the EEA, may access the branch's PM account, provided that it has informed the Bank of Finland. (*Amendment 30.11.2018*)

Article 6 Indirect participants

1. Credit institutions established in the Union or the EEA may each enter into a contract with one PM account holder that is either a credit institution within the meaning of Article 4(1)(a) or (b), or a CB, in order to submit payment orders and/or receive payments, and to settle them via the PM account of that direct participant. TARGET2-Suomen Pankki shall recognise indirect participants by registering such indirect participation in the TARGET2 directory, the latter as described in Article 9. (*Amendment 30.11.2018*)
2. Where a PM account holder, which is a credit institution within the meaning of Article 4(1)(a) or (b), and an indirect participant belong to the same group, the PM account holder may expressly authorise the indirect participant to use the PM account holder's PM account directly to submit payment orders and/or receive payments by way of group-related multi-addressee access (*Amendment 22.6.2015*).

Article 7 PM account holder's responsibility

1. For the avoidance of doubt, payment orders submitted or payments received by indirect participants pursuant to Article 6, and by branches under Article 5(4), shall be deemed to have been submitted or received by the PM account holder itself.
2. The PM account holder shall be bound by such payment orders, regardless of the content of, or any non-compliance with, the contractual or other arrangements between that PM account holder and any of the entities referred to in paragraph 1.
3. A PM account holder accepting its PM account to be designated as the Main PM account shall be bound by any invoices related to the opening and operation of each T2S DCA linked to that PM account, as set out in Annex VI, regardless of the content of, or any non-compliance with, the contractual or other arrangements between that PM account holder and the T2S DCA holder. *(Amendment 30.11.2018)*
4. A Main PM account holder shall be bound by any invoices, as set out in Annex VI, for the linkage to each T2S DCA to which the PM account is linked. *(Amendment 30.11.2018)*
5. A PM account holder that also holds a T2S DCA used for auto-collateralisation shall be liable for any penalties levied in accordance with section 9(d) of *Rules on auto-collateralisation operations*. *(Amendment 30.11.2018)*
6. A PM account holder accepting its PM account to be designated as the Linked PM account shall be bound by any invoices related to the opening and operation of each TIPS DCA linked to that PM account, as set out in Annex VI, regardless of the content of, or any non-compliance with, the contractual or other arrangements between that PM account holder and the TIPS DCA holder. A Linked PM account may be linked to a maximum of 10 TIPS DCAs. *(Amendment 30.11.2018)*
7. The holder of a Linked PM account shall have an overview of the liquidity available on the TIPS DCAs linked to that PM account and ensure the TIPS DCA holders are aware of their responsibility to manage that liquidity. *(Amendment 30.11.2018)*

Article 8 Application procedure

1. To join TARGET2-Suomen Pankki, applicant participants shall:
 - (a) fulfil the following technical requirements:
 - (i) install, manage, operate and monitor and ensure the security of the necessary IT infrastructure to connect to SSP and submit payment orders to it. In doing so, applicant participants may involve third parties, but retain sole liability. In particular, applicant participants shall enter into an agreement with the network service provider to obtain the necessary connection and admissions, in accordance with the technical specifications in Annex I; and
 - (ii) have passed the tests required by the Bank of Finland; and
 - b) fulfil the following legal requirements:
 - (i) provide a capacity opinion in the form specified in Annex III, unless the information and representations to be provided in such capacity opinion have already been obtained by the Bank of Finland in another context; and

- (ii) for the entities referred to in Article 4(1)(b) and Article 4(2)(c)(ii) provide a country opinion in the form specified in Annex III, unless the information and representations to be provided in such country opinion have already been obtained by the Bank of Finland in another context. *(Amendment 17.11.2019)*
- 2. Applicants shall apply in writing to the Bank of Finland, as a minimum enclosing the following documents/information:
 - a) completed static data collection forms as provided by the Bank of Finland,
 - b) the capacity opinion, if required by the Bank of Finland, and
 - c) the country opinion, if required by the Bank of Finland.
- 3. The Bank of Finland may also request any additional information it deems necessary to decide on the application to participate.
- 4. The Bank of Finland shall reject the application to participate if:
 - a) access criteria referred to in Article 4 are not met;
 - b) one or more of the participation criteria referred to in paragraph 1 are not met; and/or
 - c) in the Bank of Finland's assessment, such participation would endanger the overall stability, soundness and safety of TARGET2-Suomen Pankki or of any other TARGET2 component system, or would jeopardise the Bank of Finland's performance of its tasks as described in the Act on the Bank of Finland (214/1998) and the Statute of the European System of Central Banks and of the European Central Bank, or poses risks on the grounds of prudence. *(Amendment 21.11.2011)*
- 5. The Bank of Finland shall communicate its decision on the application to participate to the applicant within one month of the Bank of Finland's receipt of the application to participate. Where the Bank of Finland requests additional information pursuant to paragraph 3, the decision shall be communicated within one month of the Bank of Finland's receipt of this information from the applicant. Any rejection decision shall contain reasons for the rejection.

Article 9 TARGET2 directory

- 1. The TARGET2 directory is the database of BICs used for the routing of payment orders addressed to:
 - a) PM account holder and their branches with multi-addressee access; *(Amendment 22.6.2015)*
 - b) indirect participants of TARGET2, including those with multi-addressee access; and
 - c) addressable BIC holders of TARGET2.It shall be updated weekly.
- 2. Unless otherwise requested by the PM account holder, its BIC(s) shall be published in the TARGET2 directory. *(Amendment 22.6.2015)*
- 3. PM account holder may only distribute the TARGET2 directory to their branches and entities with multi-addressee access. *(Amendment 22.6.2015)*
- 4. Entities specified in paragraph 1(b) and (c) shall only use their BIC in relation to one PM account holder. *(Amendment 22.6.2015)*

5. PM account holders acknowledge that the Bank of Finland and other CBs may publish Pm account holders' names and BICs. In addition, names and BICs of indirect participants registered by PM account holders may be published and PM account holders shall ensure that indirect participants have agreed to such publication. *(Amendment 22.6.2015)*

TITLE III - OBLIGATIONS OF THE PARTIES

Article 10 Obligations of the Bank of Finland and the participants

1. The Bank of Finland shall offer the services described in Title IV. Save where otherwise provided in these Rules or required by law, the Bank of Finland shall use all reasonable means within its power to perform its obligations under these Rules, without guaranteeing a result.
2. Participants shall pay to the Bank of Finland the fees laid down in Annex VI.
3. Participants shall ensure that they are connected to TARGET2-Suomen Pankki on business days, in accordance with the operating schedule in Annex V.
4. The participant represents and warrants to the Bank of Finland that the performance of its obligations under these Rules does not breach any law, regulation or by-law applicable to it or any agreement by which it is bound.

Article 11 Cooperation and information exchange

1. In performing their obligations and exercising their rights under these Rules, the Bank of Finland and participants shall cooperate closely to ensure the stability, soundness and safety of TARGET2-Suomen Pankki. They shall provide each other with any information or documents relevant for the performance of their respective obligations and the exercise of their respective rights under these Rules, without prejudice to any banking secrecy obligations.
2. The Bank of Finland shall establish and maintain a system support desk to assist participants in relation to difficulties arising in connection with system operations.
3. Up-to-date information on the SSP's operational status shall be available on the TARGET2 Information System (T2IS) on a dedicated webpage on the ECB's website. The T2IS may be used to obtain information on any event affecting the normal operation of TARGET2. *(Amendment 30.11.2018)*
4. The Bank of Finland may either communicate messages to participants by means of an ICM broadcast or by any other means of communication.
 - 4a. The holder of the linked PM account shall be responsible for informing in a timely manner their TIPS DCA holders of any relevant ICM broadcast message, including those related to the suspension or termination of any TIPS DCA holder's participation in TARGET2-Suomen Pankki. *(Amendment 30.11.2018)*
5. Participants are responsible for the timely update of existing static data collection forms and the submission of new static data collection forms to the Bank of Finland. Participants are responsible for verifying the accuracy of information relating to them that is entered into TARGET2-Suomen Pankki by the Bank of Finland.
6. The Bank of Finland shall be deemed to be authorised to communicate to the SSP-providing CBs any information relating to participants which the SSP-providing CBs may need in their



role as service administrators, in accordance with the contract entered into with the network service provider.

7. Participants shall inform the Bank of Finland about any change in their legal capacity and relevant legislative changes affecting issues covered by the country opinion relating to them.
8. Participants shall inform the Bank of Finland of:
 - a) any new indirect participant, addressable BIC holder or entity with multi-addressee access which they register; and
 - b) any changes to the entities listed in paragraph (a).
9. Participants shall immediately inform the Bank of Finland if an event of default occurs in relation to themselves or if they are subject to crisis prevention measures or crisis management measures within the meaning of Directive 2014/59/EU of the European Parliament and the Council⁸ (*Amendment 17.11.2019*)

⁸ Directive 2014/59/EU of the European Parliament and the Council of 15 May 2014 establishing a framework for the recovery and resolution of credit institutions and investment firms and amending Council Directive 82/891/EEC and Directives 2001/24/EC, 2002/47/EC, 2004/25/EC, 2005/56/EC, 2007/36/EC, 2011/35/EU, 2012/30/EU and 2013/36/EU, and Regulations (EU) No 1093/2010 and (EU) No 648/2012, of the European Parliament and of the Council (OJ L 173, 12.6.2014, p. 190).

TITLE IV - MANAGEMENT OF PM ACCOUNTS AND PROCESSING OF PAYMENT ORDERS

Article 12 Opening and management of PM accounts

1. The Bank of Finland shall open and operate at least one PM account for each participant. Upon request by a participant acting as a settlement bank, the Bank of Finland shall open one or more sub-accounts in TARGET2-Suomen Pankki to be used for dedicating liquidity.
2. PM accounts and their sub-accounts shall either be remunerated at zero per cent or the deposit facility rate, whichever is lower, unless they are used to hold any of the following:
 - a. minimum reserves
 - b. excess reserves
 - c. government deposits as defined in Article 2 (point (5) of Guideline (EU) 2019/671 (ECB/2019/7).

In the case of minimum reserves, the calculation and payment of the remuneration of holdings shall be governed by Council Regulation (EC) No 2531/98⁹ and Regulation EU 2021/378 of the European Central Bank (ECB/2021/1)¹⁰. In the case of excess reserves, the calculation and payment of remuneration of holdings shall be governed by Decision (EU) 2019/1743 (ECB/2019/31)¹¹. In the case of government deposits, the remuneration of holdings shall be governed by the provisions relating to those government deposits as set out in Article 4 of Guideline (EU) 2019/671 (ECB/2019/7)¹². *(Amendment 2 May 2022)*

3. Participants shall use the ICM to obtain information on their liquidity position. The Bank of Finland shall provide a daily statement of accounts to any participant that has opted for such service.

Article 13 Types of payment orders

The following are classified as payment orders for the purposes of TARGET2:

- a) credit transfer orders;
- b) direct debit instructions carried out under a direct debit authorisation;
- c) liquidity transfer orders; *(Amendment 30.11.2018)*
- d) PM to T2S DCA liquidity transfer orders; and; *(Amendment 30.11.2018)*
- e) PM to TIPS DCA liquidity transfer orders *(Amendment 30.11.2018)*

Article 14 Acceptance and rejection of payment orders

1. Payment orders submitted by participants are deemed accepted by the Bank of Finland if:
 - a) the payment message complies with the rules established by the network service provider;

⁹ Council Regulation (EC) No 2531/98 of 23 November 1998 concerning the application of minimum reserves by the European Central Bank (OJ L 318, 27.11.1998, p. 1)..

¹⁰ Regulation (EU) 2021/378 of the European Central Bank of 22 January 2021 on the application of minimum reserve requirements (ECB/2021/1) (OJ L 73, 3.3.2021, p. 1)..

¹¹ Decision (EU) 2019/1743 of the European Central Bank of 15 October 2019 on the remuneration of holdings of excess reserves and of certain deposits (ECB/2019/31) (OJ L 267, 21.10.2019, p.12)

¹² Guideline (EU) 2019/671 of the European Central Bank of 9 April 2019 on domestic asset and liability management operations by the national central banks (ECB/2019/7) (OJ L 113, 29.4.2019, p.11)

- b) the payment message complies with the formatting rules and conditions of TARGET2-Suomen Pankki and passes the double-entry check described in Annex I; and
 - c) in cases where a payer or a payee has been suspended, the suspended participant's CB's explicit consent has been obtained.
2. The Bank of Finland shall immediately reject any payment order that does not fulfil the conditions laid down in paragraph 1. The Bank of Finland shall inform the participant of any rejection of a payment order, as specified in Annex I.
3. The SSP attaches its timestamp for the processing of payment orders in the sequence of their receipt. *(Amendment 30.11.2018)*

Article 15 Priority rules

1. Instructing participants shall designate every payment order as one of the following:
 - a) normal payment order (priority class 2);
 - b) urgent payment order (priority class 1); or
 - c) highly urgent payment order (priority class 0).

If a payment order does not indicate the priority, it shall be treated as a normal payment order.

2. Highly urgent payment orders may only be designated by:
 - (a) CBs; and
 - (b) participants, in cases of payments to and from CLS Bank International with the exception of payments related to the CLS CCP and the CLSNow services, and liquidity transfers in relation to ancillary system settlement using the ASI.

All payment instructions submitted by an ancillary system through the ASI to debit or credit the participants' PM accounts and all PM to T2S DCA liquidity transfer orders and PM to TIPS DCA liquidity transfer orders submitted shall be deemed to be highly urgent payment orders. *(Amendment 30.11.2018)*

3. In the case of urgent and normal payment orders, the payer may change the priority via the ICM with immediate effect. It shall not be possible to change the priority of a highly urgent payment.

Article 16 Liquidity limits

1. A participant may limit the use of available liquidity for payment orders in relation to other TARGET2 participants, except any of the CBs, by setting bilateral or multilateral limits. Such limits may only be set in relation to normal payment orders.
2. Limits may only be set by or in relation to an AL group in its entirety. Limits shall not be set in relation to either a single PM account of an AL group member or by AL group members in relation to each other.
3. By setting a bilateral limit, a participant instructs the Bank of Finland that an accepted payment order shall not be settled if the sum of its outgoing normal payment orders to another TARGET2 participant's PM account minus the sum of all incoming urgent and normal payments from such TARGET2 participant's PM account would exceed this bilateral limit.

4. A participant may set a multilateral limit for any relationship that is not subject to a bilateral limit. A multilateral limit may only be set if the participant has set at least one bilateral limit. If a participant sets a multilateral limit, it instructs the Bank of Finland that an accepted payment order shall not be settled if the sum of its outgoing normal payment orders to all TARGET2 participants' PM accounts in relation to which no bilateral limit has been set, minus the sum of all incoming urgent and normal payments from such PM accounts would exceed this multilateral limit.
5. The minimum amount of any of the limits shall be EUR 1 million. A bilateral or a multilateral limit with an amount of zero shall be treated as if no limit has been set. Limits between zero and EUR 1 million are not possible.
6. Limits may be changed in real time with immediate effect or with effect from the next business day via the ICM. If a limit is changed to zero, it shall not be possible to change it again on the same business day. The setting of a new bilateral or multilateral limit shall only be effective from the next business day.

Article 17 Liquidity reservation facilities

1. Participants may reserve liquidity for highly urgent or urgent payment orders via the ICM.
2. The AL group manager may only reserve liquidity for the AL group in its entirety. Liquidity shall not be reserved for single accounts within an AL group.
3. By requesting to reserve a certain amount of liquidity for highly urgent payment orders, a participant instructs the Bank of Finland only to settle urgent and normal payment orders if there is available liquidity after the amount reserved for highly urgent payment orders has been deducted.
4. By requesting to reserve a certain amount of liquidity for urgent payment orders, a participant instructs the Bank of Finland only to settle normal payment orders if there is available liquidity after the amount reserved for urgent and highly urgent payment orders has been deducted.
5. After receipt of the reservation request the Bank of Finland shall check whether the amount of liquidity on the participant's PM account is sufficient for the reservation. If this is not the case, only the liquidity available on the PM account shall be reserved. The rest of the requested liquidity reservation shall be reserved if additional liquidity becomes available.
6. The level of the liquidity reservation may be changed. Participants may make a request via the ICM to reserve new amounts with immediate effect or with effect from the next business day.

Article 17a Standing instructions for liquidity reservation and dedication of liquidity

1. Participants may predefine the default amount of liquidity reserved for highly urgent or urgent payment orders via the ICM. Such standing instruction or a change to such instruction shall take effect from the next business day.
2. Participants may predefine via the ICM the default amount of liquidity set aside for ancillary system settlement. Such standing instruction or a change to such instruction shall take effect from the next business day. Participants shall be deemed to have instructed the Bank of Finland to dedicate liquidity on their behalf if the relevant ancillary system so requests.

Article 18 Predetermined settlement times

1. Instructing participants may predetermine the settlement time of the payment orders within a business day by using the Earliest Debit Time Indicator or the Latest Debit Time Indicator.
2. When the Earliest Debit Time Indicator is used, the accepted payment order is stored and only entered into the entry disposition at the indicated time.
3. When the Latest Debit Time Indicator is used, the accepted payment order shall be returned as non-settled if it cannot be settled by the indicated debit time. 15 minutes prior to the defined debit time, the instructing participant shall be sent an automatic notification via the ICM. Instructing participant may also use the Latest Debit Time Indicator solely as a warning indicator. In such cases, the payment order concerned shall not be returned.
4. Instructing participants can change the Earliest Debit Time Indicator and the Latest Debit Time Indicator via the ICM.
5. Further technical details are contained in Annex I.

Article 19 Payment orders submitted in advance

1. Payment orders may be submitted up to five business days before the specified settlement date (warehoused payment orders).
2. Warehoused payment orders shall be accepted and entered into the entry disposition on the date specified by the instructing participant at the start of daytime processing, as referred to in Annex V. They shall be placed in front of payment orders of the same priority.
3. Articles 15(3), 22(2) and 29(1)(a) shall apply mutatis mutandis to warehoused payment orders.

Article 20 Settlement of payment orders in the entry disposition

1. Unless instructing participants have indicated the settlement time in the manner described in Article 18, accepted payment orders shall be settled immediately or at the latest by the end of the business day on which they were accepted, provided that sufficient funds are available on the payer's PM account and taking into account any liquidity limits and liquidity reservations as referred to in Articles 16 and 17.
2. Funding may be provided by:
 - (a) the available liquidity on the PM account; or
 - (b) incoming payments from other TARGET2 participants, subject to the applicable optimisation procedures.
3. For highly urgent payment orders the 'first in, first out' (FIFO) principle shall apply. This means that highly urgent payment orders shall be settled in chronological order. Urgent and normal payment orders shall not be settled for as long as highly urgent payment orders are queued.
4. For urgent payment orders the FIFO principle shall also apply. Normal payment orders shall not be settled if urgent and highly urgent payment orders are queued.
5. By derogation from paragraphs 3 and 4, payment orders with a lower priority (or of the same priority but accepted later) may be settled before payment orders with a higher priority (or of the same priority which were accepted earlier), if the payment orders with a lower priority

would net out with payments to be received and result on balance in a liquidity increase for the payer.

6. Normal payment orders shall be settled in accordance with the FIFO by-passing principle. This means that they may be settled immediately (independently of other queued normal payments accepted at an earlier time) and may therefore breach the FIFO principle, provided that sufficient funds are available.
7. Further details on the settlement of payment orders in the entry disposition are contained in Annex I.

Article 21 Settlement and return of queued payment orders

1. Payment orders that are not settled immediately in the entry disposition shall be placed in the queues in accordance with the priority to which they were designated by the relevant participant, as referred to in Article 15.
2. To optimise the settlement of queued payment orders, the Bank of Finland may use the optimisation procedures described in Annex I.
3. Except for highly urgent payment orders, the payer may change the queue position of payment orders in a queue (i.e.reorder them) via the ICM. Payment orders may be moved either to the front or to the end of the respective queue with immediate effect at any time during daytime processing, as referred to in Annex V.
4. At the request of a payer, the Bank of Finland or, in the case of an AL group, the CB of the AL group manager may decide to change the queue position of a highly urgent payment order (except for highly urgent payment orders in the context of settlement procedures 5 and 6) provided that this change would not affect the smooth settlement by ancillary systems in TARGET2 or would not otherwise give rise to systemic risk.
5. Liquidity transfer orders initiated in the ICM shall be immediately returned as non-settled if there is insufficient liquidity. Other payment orders shall be returned as non-settled if they cannot be settled by the cut-off times for the relevant message type, as specified in Annex V.

Article 22 Entry of payment orders into the system and their irrevocability

1. For the purposes of the first sentence of Article 3(1) of the Settlement Finality Directive and sections 3, 5, 6 and 8 as well as section 13, subsection 1, of the Act on Certain Conditions of Securities and Currency Trading as well as Settlement Systems (1084/1999), payment orders are deemed entered into TARGET2-Suomen Pankki at the moment that the relevant participant's PM account is debited.
2. Payment orders may be revoked until they are entered into TARGET2-Suomen Pankki in accordance with paragraph 1. Payment orders that are included in an algorithm, as referred to in Annex I, may not be revoked during the period that the algorithm is running.
3. By derogation from paragraphs 1 and 2 above, when the Bank of Finland acts as settlement central bank of an ancillary system using the Ancillary System Interface, debit instructions shall be deemed to be entered in TARGET2-Suomen Pankki at the moment and irrevocable from the moment that they are accepted by the Bank of Finland. Acceptance by the Bank of Finland is subject to Article 14, with the exception that the debit instructions shall comply with the formatting rules and conditions of the ASCB's TARGET2 component system and the settlement bank shall be on the list of settlement banks.

TITLE V - LIQUIDITY POOLING

Article 23 Liquidity pooling modes

The Bank of Finland shall offer a consolidated account information (CAI) mode and an aggregated liquidity (AL) mode.

Article 24 Consolidated account information mode

1. The following may use the CAI mode:
 - (a) a credit institution and/or its branches (whether or not such entities participate in the same TARGET2 component system), provided that the entities concerned have several PM accounts identified by different BICs; or
 - (b) two or more credit institutions which belong to the same group and/or their branches, each having one or more PM accounts identified by different BICs.
2.
 - (a) Under the CAI mode, each member of the CAI group and their respective CBs are provided with the list of PM accounts of the group members and the following additional information consolidated at the level of the CAI group:
 - (i) intraday credit lines (if applicable);
 - (ii) balances, including balances on sub-accounts;
 - (iii) turnover;
 - (iv) settled payments; and
 - (v) queued payment orders.
 - (b) The CAI group manager and its respective CB shall have access to information on each of the above items in relation to any PM account of the CAI group.
 - (c) Information referred to in this paragraph is provided via the ICM.
3. The CAI group manager shall be entitled to initiate liquidity transfers via the ICM between the PM accounts, including their sub-accounts, forming part of the same CAI group.
4. A CAI group may also include PM accounts which are included in an AL group. In such a case, all the PM accounts of the AL group shall form part of the CAI group.
5. Where two or more PM accounts form part of an AL group and, at the same time, of a CAI group (comprising additional PM accounts), the rules applicable to the AL group shall prevail as to the relationship within the AL group.
6. A CAI group, which includes PM accounts of an AL group, may appoint a CAI group manager that is different from the AL group manager.
7. The procedure for obtaining authorisation to use the AL mode, set out in Article 25(4) and (5), shall apply mutatis mutandis to the procedure for obtaining authorisation to use the CAI mode. The CAI group manager shall not address an executed CAI mode agreement to the managing NCB.

Article 25 Aggregated liquidity mode

1. The following may use the AL mode:
 - (a) a credit institution and/or its branches (whether or not such entities participate in the same TARGET2 component system), provided that the entities concerned are established in the euro area and have several PM accounts identified by different BICs;
 - (b) branches established in the euro area (whether or not such branches participate in the same TARGET2 component system) of a credit institution established outside the euro area, provided that such branches have several PM accounts identified by different BICs; or
 - (c) two or more credit institutions referred to in subparagraph (a) and/or branches referred to in subparagraph (b) which belong to the same group.

In each case referred in subparagraphs (a) to (c) it shall also be a requirement that the entities concerned have established intraday credit arrangements with the respective participating NCB.

2. Under the AL mode, for the purpose of checking whether a payment order is sufficiently covered, available liquidity on all the AL group members' PM accounts is aggregated. Notwithstanding the above, the bilateral PM account relationship between the AL group member and its AL NCB shall continue to be governed by the arrangements of the relevant TARGET2 component system, subject to the modifications set out in the AL agreement. Intraday credit extended to any AL group member on its PM account may be covered by the available liquidity on the other PM accounts held by such AL group member or PM accounts held by any other AL group members with the same or any other AL NCB.
3. In order to use the AL mode, one or more PM account holders meeting the criteria in paragraph 1 shall enter into an AL agreement with the Bank of Finland and, if applicable, other CB(s) of the TARGET2 component systems in which other AL group members participate. A PM account holder may only enter into one AL agreement in relation to a particular PM account. The AL agreement shall be in conformity with the relevant template in Annex VII. *(Amendment 22.6.2015)*
4. Each AL group shall designate an AL group manager. In the event that the AL group consists of only one PM account holder, this PM account holder shall act as the AL group manager. The AL group manager shall address to the managing NCB a written request to use the AL mode (containing static data collection forms as provided by the Bank of Finland), together with the executed AL agreement on the basis of the template provided by the managing NCB. The remaining AL group members shall address their written requests (containing static data collection forms as provided by the Bank of Finland) to their respective AL NCBs. The managing NCB may request any additional information or document that it deems appropriate in order to decide on the request. In addition, the managing NCB, in agreement with the other AL NCBs, may require the insertion of any additional provision in the AL agreement that it deems appropriate in order to ensure the proper and timely discharge of any existing and/or future obligation of all AL group members towards any AL NCB. *(Amendment 22.6.2015)*
5. The managing NCB shall verify whether the applicants fulfil the requirements to form an AL group and whether the AL agreement has been properly executed. To this end, the man-

aging NCB may liaise with the other AL NCBs. The managing NCB's decision shall be addressed, in writing, to the AL group manager within one month of receipt of the request referred to in paragraph 4 by the managing NCB, or, if the managing NCB requests additional information, within one month of receipt of such information by the managing NCB. Any rejection decision shall contain reasons for the rejection.

6. AL group members shall automatically have access to the CAI mode.
7. The provision of information and all interactive control measures within an AL group shall be accessed via the ICM.

Article 25a Pledge and enforcement

1. The Bank of Finland's current and future claims arising from the legal relationship between an AL group member and the Bank of Finland and which are secured by the pledge under Article 40(1) of these Rules shall include the Bank of Finland's claims against such AL group member arising under the AL agreement to which both are party.
2. Without prejudice to the AL agreement, such pledge shall not prevent the PM account holder from using the cash deposited in its PM account(s) during the business day. (*Amendment 22.6.2015*)
3. The AL group member allocates the cash deposited in its PM account for the execution of all its obligations arising from these Rules.
4. Upon the occurrence of an enforcement event, the Bank of Finland shall have an unrestricted right to realise the pledge without any prior notice.

Article 26 Set-off of claims under Article 40(3) and (4)

On the occurrence of an enforcement event, any claim of the Bank of Finland against such AL group member shall be automatically and immediately accelerated and shall be subject to Article 40(3) and (4) of these Rules.

TITLE VI - SECURITY REQUIREMENTS AND CONTINGENCY ISSUES

Article 27 Business continuity and contingency procedures

1. In the event of an abnormal external event or any other event which affects the operation of the SSP, the business continuity and contingency procedures described in Annex IV shall apply.
2. The Eurosystem provides a Contingency Solution if the events described in paragraph 1 occur. Connection to and use of the Contingency Solution shall be mandatory for participants considered by the Bank of Finland to be critical. Other participants may, on request, connect to the Contingency Solution. (*Amendment 17.11.2019*)

Article 28 Security requirements and Control Procedures

1. Participants shall implement adequate security controls to protect their systems from unauthorised access and use. Participants shall be exclusively responsible for the adequate protection of the confidentiality, integrity and availability of their systems.
2. Participants shall inform the Bank of Finland of any security-related incidents in their technical infrastructure and, where appropriate, security-related incidents that occur in the technical infrastructure of the third party providers. The Bank of Finland may request further

information about the incident and, if necessary, request that the participant take appropriate measures to prevent a recurrence of such an event.

3. The Bank of Finland may impose additional security requirements, in particular with regard to cybersecurity or the prevention of fraud, on all participants and/or on participants that are considered critical by the Bank of Finland. (Amendment 17.11.2019)
4. Participants shall provide the Bank of Finland with (i) permanent access to their attestation of adherence to their chosen network service provider's endpoint security requirements, and (ii) on an annual basis the TARGET2 self-certification statement as published on the Bank of Finland's website and on the ECB's website in English (*Amendment 21.11.2021*)

4a. The Bank of Finland shall assess the participant's self-certification statement(s) on the participants level of compliance with each of the requirements set out in the TARGET2 self-certification requirements. These requirements are listed in Appendix VIII, which in addition to the other Appendices listed in Article 2(1), shall form an integral part of these Conditions.

4b. The participant's level of compliance with the requirements of the TARGET2 self-certification shall be categorised as follows, in increasing order of severity: 'full compliance'; 'minor non-compliance'; or, 'major non-compliance'. The following criteria apply: full compliance is reached where participants satisfy 100% of the requirements; minor non-compliance is where a participant satisfies less than 100% but at least 66% of the requirements and major non-compliance where a participant satisfies less than 66% of the requirements. If a participant demonstrates that a specific requirement is not applicable to it, it shall be considered as compliant with the respective requirement for the purposes of the categorisation. A participant which fails to reach 'full compliance' shall submit an action plan demonstrating how it intends to reach full compliance. The Bank of Finland shall inform the relevant supervisory authorities of the status of such participant's compliance.

4c. If the participant refuses to grant permanent access to its attestation of adherence to their chosen NSPs endpoint security requirements or does not provide the TARGET2 self-certification the participant's level of compliance shall be categorised as 'major non-compliance'.

4d. The Bank of Finland shall re-assess compliance of participants on an annual basis.

4e. The Bank of Finland may impose the following measures of redress on participants whose level of compliance was assessed as minor or major non-compliance, in increasing order of severity:

- (i) enhanced monitoring: the participant shall provide the Bank of Finland with a monthly report, signed by a senior executive, on their progress in addressing the non-compliance. The participant shall additionally incur a monthly penalty charge for each affected account equal to its monthly fee as set out in paragraph 1 of Appendix VI excluding the transaction fees. This measure of redress may be imposed in the event the participant receives a second consecutive assessment of minor non-compliance or an assessment of major non-compliance;
- (ii) suspension: participation in TARGET2-Suomen Pankki may be suspended in the circumstances described in Article 34(2)(b) and (c). By way of derogation from Article 34, the participant shall be given three months' notice of such suspension. The participant shall incur a monthly penalty charge for each suspended account of double its monthly fee as set out in paragraph 1 of Appendix VI, excluding the transaction fees. This measure of redress may be imposed in the event the participant receives a second consecutive assessment of major non-compliance
- (iii) termination: participation in TARGET2-Suomen Pankki may be terminated in the circumstances described in Article 34(2)(b) and (c). By way of derogation from Article 34, the participant shall be given three months' notice of such termination. The participant shall incur an additional penalty charge of EUR 1000 for each terminated

account. This measure of redress may be imposed if the participant has not addressed the major non-compliance to the satisfaction of the Bank of Finland following three months of suspension. (*Amendment 21.11.2021*)

5. Participants allowing access to their PM account by third parties as set out in Article 5(2), (3) and (4) shall address the risk stemming from allowing such access in accordance with the security requirements set out in paragraphs 1 to 4e of this Article. The self-certification referred to in paragraph (4) shall specify that the participant imposes the TARGET2 network service provider's endpoint security requirements on third parties who have access to that participant's PM account. (*Amendment 21.11.2021*)

TITLE VII - THE INFORMATION AND CONTROL MODULE

Article 29 Use of the ICM

1. The ICM:
 - (a) allows participants to access information relating to their accounts and to manage liquidity;
 - (b) may be used to initiate liquidity transfer orders; TIPS DCA to PM liquidity transfer orders, PM to TIPS DCA liquidity transfer orders, PM to T2S DCA liquidity transfer orders and, when the ICM is used in combination with the T2S value added services, T2S DCA to PM liquidity transfer orders; and; (*Amendment 30.11.2018*)
 - (c) allows participants to initiate backup liquidity redistribution and backup contingency payments or payment orders to the Contingency Solution in the event of a failure of the participant's payment infrastructure. (*Amendment 17.11.2019*)
2. Further technical details relating to the ICM are contained in Annex I.

TITLE VIII - COMPENSATION, LIABILITY REGIME AND EVIDENCE

Article 30 Compensation scheme

If a payment order cannot be settled on the same business day on which it was accepted due to a technical malfunction of TARGET2, the Bank of Finland shall offer to compensate the direct participants concerned in accordance with the special procedure laid down in Annex II.

Article 31 Liability regime

1. In performing their obligations pursuant to these Rules, the Bank of Finland and the participants shall be bound by a general duty of reasonable care in relation to each other.
2. The Bank of Finland shall be liable to its participants in cases of fraud (including but not limited to wilful misconduct) or gross negligence, for any loss arising out of the operation of TARGET2-Suomen Pankki. In cases of ordinary negligence, the Bank of Finland's liability shall be limited to the participant's direct loss, i.e. the amount of the transaction in question and/or the loss of interest thereon, excluding any consequential loss.
3. The Bank of Finland is not liable for any loss that results from any malfunction or failure in the technical infrastructure (including but not limited to the Bank of Finland's computer infrastructure, programmes, data, applications or networks), if such malfunction or failure arises in spite of the Bank of Finland having adopted those measures that are reasonably necessary to protect such infrastructure against malfunction or failure, and to resolve the consequences of such malfunction or failure (the latter including but not limited to initiating and completing the business continuity and contingency procedures referred to in Annex IV).
4. The Bank of Finland shall not be liable:
 - (a) to the extent that the loss is caused by the participant; or
 - (b) if the loss arises out of external events beyond the Bank of Finland's reasonable control (force majeure).
5. Notwithstanding the provisions of the Act on Payment Services (290/2010), paragraphs 1 to 4 shall apply to the extent that the Bank of Finland's liability can be excluded. (*Amendment 30.11.2018*)
6. The Bank of Finland and the participants shall take all reasonable and practicable steps to mitigate any damage or loss referred to in this Article.
7. In performing some or all of its obligations under these Rules, the Bank of Finland may commission third parties in its own name, particularly telecommunications or other network providers or other entities, if this is necessary to meet the Bank of Finland's obligations or is standard market practice. The Bank of Finland's obligation shall be limited to the due selection and commissioning of any such third parties and the Bank of Finland's liability shall be limited accordingly. For the purposes of this paragraph, the SSP-providing CBs shall not be considered as third parties.

Article 32 Evidence

1. Unless otherwise provided in these Rules, all payment and payment processing-related messages in relation to TARGET2, such as confirmations of debits or credits, or statement

messages, between the Bank of Finland and participants shall be made through the network service provider.

2. Electronic or written records of the messages retained by the Bank of Finland or by the network service provider shall be accepted as a means of evidence of the payments processed through the Bank of Finland. The saved or printed version of the original message of the network service provider shall be accepted as a means of evidence, regardless of the form of the original message.
3. If a participant's connection to the network service provider fails, the participant shall use the alternative means of transmission of messages laid down in Annex IV. In such cases, the saved or printed version of the message produced by the Bank of Finland shall have the same evidential value as the original message, regardless of its form.
4. The Bank of Finland shall keep complete records of payment orders submitted and payments received by participants for a period of six years from the time at which such payment orders are submitted and payments are received, provided that such complete records shall cover a minimum of five years for any participant in TARGET2 that is subject to continuous vigilance pursuant to restrictive measures adopted by the Council of the European Union or Member States, or more if required by specific regulations. *(Amendment 22.11.2010)*
5. The Bank of Finland's own books and records (whether kept on paper, microfilm, microfiche, by electronic or magnetic recording, in any other mechanically reproducible form or otherwise) shall be accepted as a means of evidence of any obligations of the participants and of any facts and events that the parties rely on.

TITLE IX - TERMINATION OF PARTICIPATION AND CLOSURE OF ACCOUNTS

Article 33 Duration and ordinary termination of participation

1. Without prejudice to Article 34, participation in TARGET2-Suomen Pankki is for an indefinite period of time.
2. A participant may terminate its participation in TARGET2-Suomen Pankki at any time giving 14 business days' notice thereof, unless it agrees a shorter notice period with the Bank of Finland.
3. The Bank of Finland may terminate a participant's participation in TARGET2-Suomen Pankki at any time giving three months' notice thereof, unless it agrees a different notice period with that participant.
4. On termination of participation, the confidentiality duties laid down in Article 38 remain in force for a period of five years starting on the date of termination.
5. On termination of participation, the PM accounts of the participant concerned shall be closed in accordance with Article 35.

Article 34 Suspension and extraordinary termination of participation

1. A PM account holder's participation in TARGET2-Suomen Pankki shall be immediately terminated without prior notice or suspended if one of the following events of default occurs:
 - (a) the opening of insolvency proceedings; and/or
 - (b) the PM account holder no longer meets the access criteria laid down in Article 4.
(Amendment 22.6.2015)

For the purposes of this paragraph, the taking of crisis prevention measures or crisis management measures within the meaning of Directive 2014/59/EU of the European Parliament and of the Council¹³ against a PM account holder shall not automatically qualify as the opening of insolvency proceedings. *(Amendment 30.11.2018)*

2. The Bank of Finland may terminate without prior notice or suspend the PM account holder's participation in TARGET2-Suomen Pankki if:
 - (a) one or more events of default (other than those referred to in paragraph 1) occur;
 - (b) the PM account holder is in material breach of these Rules;
 - (c) the PM account holder fails to carry out any material obligation to the Bank of Finland;
 - (d) the PM account holder is excluded from, or otherwise ceases to be a member of, a TARGET2 CUG;
 - (e) any other PM account holder-related event occurs which, in the Bank of Finland's assessment, would threaten the overall stability, soundness and safety of TARGET2-

¹³ Directive 2014/59/EU of the European Parliament and of the Council of 15 May 2014 establishing a framework for the recovery and resolution of credit institutions and investment firms and amending Council Directive 82/891/EEC, and Directives 2001/24/EC, 2002/47/EC, 2004/25/EC, 2005/56/EC, 2007/36/EC, 2011/35/EU, 2012/30/EU and 2013/36/EU, and Regulations (EU) No 1093/2010 and (EU) No 648/2012, of the European Parliament and of the Council (OJ L 173, 12.6.2014, p. 190). *(Amendment 30.11.2018)*

Suomen Pankki or of any other TARGET2 component system, or which would jeopardise the Bank of Finland's performance of its tasks as described in the Act on the Bank of Finland (214/1998) and the Statute of the European System of Central Banks and of the European Central Bank; or poses risks on the grounds of prudence; and/or (Amendment 21.11.2011)

- (f) an NCB suspends or terminates the PM account holder's access to intraday credit pursuant to paragraph 12 of Annex III. (Amendment 22.6.2015)
3. In exercising its discretion under paragraph 2, the Bank of Finland shall take into account, inter alia, the seriousness of the event of default or events mentioned in subparagraphs (a) to (c).
- 4.
- (a) In the event that the Bank of Finland suspends or terminates a PM account holder's participation in TARGET2-Suomen Pankki under paragraph 1 or 2, the Bank of Finland shall immediately inform, by means of an ICM broadcast message or a T2S broadcast message, that PM account holder, other CBs and PM account holders and T2S DCA holders in all of the TARGET2 component systems of such suspension or termination. Such message shall be deemed to have been issued by the home NCB of the PM account holder that receives the message (Amendment 30.11.2018)
 - (b) deleted (Amendment 15.4.2016)
 - (c) Once such an ICM broadcast message has been received by the PM account holders, the latter shall be deemed informed of the termination/suspension of a PM account holder's participation in TARGET2-Suomen Pankki or another TARGET2 component system. The PM account holders shall bear any losses arising from the submission of a payment order to PM account holders whose participation has been suspended or terminated if such payment order was entered into TARGET2-Suomen Pankki after receipt of the ICM broadcast message. (Amendment 22.6.2015)
5. Upon termination of a PM account holder's participation, TARGET2-Suomen Pankki shall not accept any new payment orders from such PM account holder. Payment orders in the queue, warehoused payment orders or new payment orders in favour of such PM account holder shall be returned. (Amendment 22.6.2015)
6. If a PM account holder is suspended from TARGET2-Suomen Pankki on grounds other than those specified in paragraph (1)(a), all its incoming payments and outgoing payment orders shall be stored and only entered into the entry disposition after they have been explicitly accepted by the suspended PM account holder's CB. (Amendment 13.11.2017)
7. If a PM account holder is suspended from TARGET2-Suomen Pankki on the grounds specified in paragraph (1)(a), any outgoing payment orders from that PM account holder shall only be processed on the instructions of its representatives, including those appointed by a competent authority or a court, such as the PM account holder's insolvency administrator, or pursuant to an enforceable decision of a competent authority or a court providing instructions as to how the payments are to be processed. All incoming payments shall be processed in accordance with paragraph (6). (Amendment 13.11.2017)

All other obligations concerning suspension and termination are pursuant to Article 17 of the Guideline ECB/2012/27, recast. (Amendment 21.11.2021)

Article 35 Closure of PM accounts

1. Participants may close their PM accounts at any time provided they give the Bank of Finland 14 business days' notice thereof.
2. On termination of participation, pursuant to either Article 33 or 34, the Bank of Finland shall close the PM accounts of the participant concerned, after having:
 - (a) settled or returned any queued payment orders; and
 - (b) made use of its rights of pledge and set-off under Article 40.

TITLE X - INTRADAY CREDIT

Article 36 Eligible participants

1. Each euro area NCB shall provide intraday credit to credit institutions established in the Union or the EEA that are eligible counterparties for Eurosystem monetary policy operations, have access to the marginal lending facility and have an account with the relevant euro area NCB, including when those credit institutions act through a branch established in the Union or the EEA and including branches established in the Union or the EEA of credit institutions that are established outside the EEA, provided that such branches are established in the same country as the relevant euro area NCB. No intraday credit may be provided to entities that are subject to restrictive measures adopted by the Council of the European Union or Member States pursuant to Article 65(1)(b), Article 75 or Article 215 of the Treaty, the implementation of which, in the view of the Bank of Finland after informing the ECB, is incompatible with the smooth functioning of TARGET2. *(Amendment 30.11.2018)*
2. Intraday credit may also be granted to the following participants:
 - (a) deleted ; *(Amendment 15.4.2016)*
 - (b) credit institutions established in the Union or the EEA that are not eligible counterparties for Eurosystem monetary policy operations and/or do not have access to the marginal lending facility, including when they act through a branch established in the Union or the EEA and including branches established in the Union or the EEA of credit institutions that are established outside the EEA; *(Amendment 30.11.2018)*
 - (c) treasury departments of central or regional governments of Member States and public sector bodies of Member States authorised to hold accounts for customers; *(Amendment 17.11.2019)*
 - (d) investment firms established in the Union or the EEA provided that they have concluded an arrangement with a Eurosystem monetary policy counterparty to ensure that any residual debit position at the end of the relevant day is covered; and *(Amendment 30.11.2018)*
 - (e) entities other than those falling within point (b) that manage ancillary systems and act in that capacity, provided that the arrangements for granting intraday credit to such entities have been submitted to the Governing Council in advance and have been approved by the Governing Council, *(Amendment 15.4.2016)*

provided that in the cases specified in points (b) to (e) the entity receiving intraday credit is established in the same jurisdiction as the NCB providing the intraday credit.

All overnight credit granted to eligible central counterparties shall be subject to the terms of this Annex (including the provisions in relation to eligible collateral).

The sanctions provided for in Article 38 paragraphs 4 and 5 shall apply when eligible central counterparties fail to reimburse the overnight credit extended to them by their NCB. (*Amendment 15.4.2016*)

3. For the entities mentioned in paragraph 2(b) to (e), and in accordance with Article 19 of Guideline (EU) 2015/510 (ECB/2014/60), intraday credit shall be limited to the day in question and no extension to overnight credit shall be possible. (*Amendment 15.4.2016*)

By way of derogation, the Governing Council may decide, by means of a reasoned prior decision, to provide access to the marginal lending facility to certain eligible central counterparties (CCPs), within the scope of Article 139(2)(c) of the Treaty in conjunction with Articles 18 and 42 of the Statute of the ESCB and Article 1(1) of Guideline (EU) 2015/510 (ECB/2014/60). Such eligible CCPs are those that, at all relevant times: (*Amendment 15.4.2016*)

- a) are eligible entities for the purposes of paragraph 2(e), provided also that those eligible entities are authorised as CCPs in accordance with the applicable Union or national legislation;
- b) are established in the euro area;
- c) are subject to supervision and/or oversight by competent authorities;
- d) comply with the oversight requirements for the location of infrastructures offering services in euro, as amended from time to time and published on the ECB's website¹⁴
- e) have accounts in the Payments Module (PM) of TARGET2;
- f) have access to intraday credit. (*Amendment 11.4.2011*)

Article 37 Eligible collateral

1. Intraday credit shall be based on eligible collateral and granted by means of collateralised intraday overdrafts and/or intraday repurchase transactions in compliance with the additional minimum common features (including the events of default therein listed, as well as their respective consequences) that the Governing Council specifies with respect to Eurosystem monetary policy operations. Eligible collateral shall consist of the same assets as eligible for use in Eurosystem monetary policy operations, and shall be subject to the same valuation and risk control rules as those laid down in Part Four of Guideline (EU) 2015/510 (ECB/2014/60). (*Amendment 15.4.2016*)

Intraday credit shall only be granted once the eligible assets provided as collateral have been finally transferred or pledged. For this purpose, counterparties shall pre-deposit or shall pledge the eligible assets with the relevant NCB or shall settle the eligible assets with the relevant NCB on a delivery-versus-payment basis. (*Amendment 15.4.2016*)

2. Debt instruments issued or guaranteed by the entity, or by any other third party with which the entity has close links, may only be accepted as eligible collateral in the situations laid down in Part Four of Guideline (EU) 2015/510 (ECB/2014/60). (*Amendment 15.4.2016*)

2a. Use of ineligible collateral may result in the application of sanctions in accordance with Part Five of Guideline (EU) 2015/510 (ECB/2014/60). (*Amendment 30.11.2018*)

¹⁴

The Eurosystem's current policy for the location of infrastructure is set out in the following statements, which are available on the ECB's website at www.ecb.europa.eu: (a) the policy statement on euro payment and settlement systems located outside the euro area of 3 November 1998; (b) the Eurosystem's policy line with regard to consolidation in central counterparty clearing of 27 September 2001; (c) the Eurosystem policy principles on the location and operation of infrastructures settling euro-denominated payment transactions of 19 July 2007; (d) the Eurosystem policy principles on the location and operation of infrastructures settling euro-denominated payment transactions: specification of 'legally and operationally located in the euro area' of 20 November 2008; (e) the Eurosystem oversight policy framework, revised version of July 2016.'

3. The Governing Council may, upon a proposal by the Bank of Finland, exempt the treasury departments referred to in Article 36(2)(c) from the requirement to provide adequate collateral before obtaining intraday credit.

Article 38 Credit extension procedure

1. Access to intraday credit may only be granted on business days.
2. Intraday credit shall be provided free of interest.
3. The failure by an entity referred to in paragraph 1 to reimburse the intraday credit at the end of the day shall automatically be considered as a request by such entity for recourse to the marginal lending facility. If an entity referred to in paragraph 1 holds a TIPS DCA, any end-of-day balance on its TIPS DCA recorded in accordance with Annex III of Rules on the opening and operation of a Dedicated Cash Account in TARGET2-Suomen Pankki shall be taken into account for the purpose of calculating the amount of the entity's recourse to the automatic marginal lending facility. This shall not, however, trigger any equivalent release of assets pre-deposited as collateral for the underlying outstanding intraday credit. *(Amendment 30.11.2018)*
4. The failure by a participant referred to in Article 36(2)(b), (d) or (e) to reimburse the intraday credit at the end of the day for whatever reason shall render that participant liable to the following penalties:
 - (a) if the participant in question has a debit balance on its account at the end of the day for the first time within any twelve-month period, then this participant shall incur penalty interest calculated at a rate of five percentage points above the marginal lending rate on the amount of such debit balance;
 - (b) if the participant in question has a debit balance on its account at the end of the day for at least the second time within the same twelve-month period, then the penalty interest mentioned in subparagraph (a) shall be increased by 2.5 percentage points for each time additional to the first that a debit position has occurred within this twelve-month period.
5. The Governing Council may decide to waive or reduce the penalties imposed pursuant to paragraph 4, if the end-of-day debit balance of the entity in question is attributable to force majeure and/or technical malfunction of TARGET2, the latter phrase as defined in Annex II.

Article 39 Suspension, limitation or termination of intraday credit

1. a) The Bank of Finland shall suspend or terminate access to intraday credit if one of the following events of default occurs:
 - (i) the account of the participant with the Bank of Finland is suspended or closed;
 - (ii) the participant concerned ceases to meet any of the requirements laid down in these Rules for the provision of intraday credit;
 - (iii) a decision is made by a competent judicial or other authority to implement in relation to the participant a procedure for the winding-up of the participant or the appointment of a liquidator or analogous officer over the participant or any other analogous procedure;
 - (iv) the participant becomes subject to the freezing of funds and/or other measures imposed by the Union restricting the entity's ability to use its funds; or *(Amendment 22.11.2010)*

- (v) the eligibility of the participant as a counterparty for Eurosystem monetary policy operations has been suspended or terminated (*Amendment 1.1.2013*)
 - (b) The Bank of Finland may suspend or terminate access to intraday credit if an NCB suspends or terminates the participant's participation in TARGET2 pursuant to Article 34.2(b) to (e) of these Rules, or one or more events of default (other than those referred to in Article 34.2(a)) occur; or (*Amendment 22.11.2010*)
 - (c) If the Eurosystem decides to suspend, limit or exclude counterparties' access to monetary policy instruments on the grounds of prudence or otherwise in accordance with Article 158 of Guideline (EU) 2015/510 (ECB/2014/60), euro area NCBs shall implement that decision in respect of access to intraday credit pursuant to provisions in the contractual or regulatory arrangements applied by the respective NCBs. (*Amendment 15.4.2016*)
 - (d) The Bank of Finland may decide to suspend, limit or terminate a participant's access to intraday credit if the participant is deemed to pose risks on the grounds of prudence. In such cases, Bank of Finland shall immediately notify the ECB and other participating NCBs and connected CBs thereof in writing. Where appropriate, the Governing Council shall decide upon uniform implementation of the measures taken in all TARGET2 component systems. (*Amendment 21.11.2011*)
2. Where the Bank of Finland suspends, limits or terminates a Eurosystem monetary policy counterparty's access to intraday credit in accordance with paragraph 1(d) above, such decision shall not take effect until the ECB has approved it. (*Amendment 1.1.2013*)
 3. By derogation from paragraph 2, in urgent circumstances the Bank of Finland may suspend a Eurosystem monetary policy counterparty's access to intraday credit with immediate effect. In such cases the Bank of Finland shall immediately notify the ECB thereof in writing. The ECB shall have the power to reverse the Bank of Finland's action. However, if the ECB does not send the Bank of Finland notice of such reversal within ten business days of the ECB's receipt of notification, the ECB shall be deemed to have approved the Bank of Finland's action.

TITLE XI - FINAL PROVISIONS

Article 40 The Bank of Finland's rights of pledge and set-off

1. The Bank of Finland shall have a pledge over the participant's existing and future credit balances on its PM accounts, thereby collateralising any current and future claims arising out of the legal relationship between the parties.
2. The participant, acting in its capacity as a PM account holder, hereby acknowledges the creation of a pledge in favour of the Bank of Finland, with whom that account has been opened; this acknowledgement shall constitute the provision of pledged assets to the Bank of Finland referred to under Finnish law. Any amounts paid into the PM account whose balance is pledged shall, by the mere fact of being paid in, be irrevocably pledged, without any limitation whatsoever, as collateral security for the full performance of the secured obligations.
3. On the occurrence of:
 - (a) an event of default referred to in Article 34(1); or
 - (b) any other event of default or event referred to in Article 34(2) that has led to the termination or suspension of the participant's participation in TARGET2-Suomen Pankki notwithstanding the commencement of any insolvency proceedings in respect of a participant and notwithstanding any assignment, judicial or other attachment or other disposition of or in respect of the participant's rights, all obligations of the participant shall be automatically and immediately accelerated, without prior notice and without the need for any prior approval of any authority, so as to be immediately due. In addition, the mutual obligations of the participant and the Bank of Finland shall automatically be set off against each other, and the party owing the higher amount shall pay to the other the difference.
4. The Bank of Finland shall promptly give the participant notice of any set-off pursuant to paragraph 3 after such set-off has taken place.
5. The Bank of Finland may without prior notice debit any participant's PM account by any amount which the participant owes the Bank of Finland resulting from the legal relationship between the participant and the Bank of Finland.

Article 41 Security rights in relation to funds on sub-accounts

1. The Bank of Finland shall have a pledge over the balance on a participant's sub-account opened for the settlement of AS-related payment instructions under the arrangements between the relevant ancillary system and its CB. Such balance shall collateralise the participant's obligation referred to in paragraph 7 towards the Bank of Finland in relation to such settlement.
2. The Bank of Finland shall freeze the balance on the sub-account of the participant upon communication by the ancillary system (via a 'start-of-cycle' message). Where applicable, the Bank of Finland shall thereafter increase or reduce the frozen balance by crediting or debiting cross-system settlement payments to or from the sub-account or crediting liquidity transfers to the sub-account. Such freezing shall expire upon communication by the ancillary system (via an 'end-of-cycle' message).
3. By confirming the freezing of the balance on the participant's sub-account, the Bank of Finland guarantees to the ancillary system payment up to the amount of this particular balance. By confirming, where applicable, the increase or reduction of the frozen balance upon

crediting or debiting cross-system settlement payments to or from the sub-account or crediting liquidity transfers to the sub-account, the guarantee is automatically increased or reduced in the amount of the payment. Without prejudice to the abovementioned increase or reduction of the guarantee, the guarantee shall be irrevocable, unconditional and payable on first demand. If the Bank of Finland is not the ancillary system's CB, the Bank of Finland shall be deemed instructed to issue the abovementioned guarantee to the ancillary system's CB.

4. In the absence of any insolvency proceedings in relation to the participant, the AS-related payment instructions for the squaring of the participant's settlement obligation shall be settled without drawing on the guarantee and without recourse to the security right over the balance on the participant's sub-account.
5. In the event of the participant's insolvency, the AS-related payment instruction for the squaring of the participant's settlement obligation shall be a first demand for payment under the guarantee; the debiting of the instructed amount from the participant's sub-account (and crediting of the AS's technical account) shall therefore equally involve the discharge of the guarantee obligation by the Bank of Finland and a realisation of its collateral right over the balance on the participant's sub-account.
6. The guarantee shall expire upon communication by the ancillary system that the settlement has been completed (via an 'end-of-cycle' message).
7. The participant shall be obliged to reimburse to the Bank of Finland any payment made by the latter under such guarantee.

Article 42 Confidentiality

1. The Bank of Finland shall keep confidential all sensitive or secret information, including when such information relates to payment, technical or organisational information belonging to the participant, participants from the same group or the participant's customers, unless the participant or its customer has given its written consent to disclose or such disclosure is permitted or required under Finnish law. *(Amendment 15.4.2016)*
 - 1a) '1a. By derogation from paragraph 1, the participant agrees that information on any action taken under Article 34 shall not be considered as confidential *(Amendment 30.11.2018)*
2. By derogation from paragraph 1, the participant agrees that the Bank of Finland may disclose payment, technical or organisational information regarding the participant, participants from the same group or the participant's customers obtained in the course of the operation of TARGET2-Suomen Pankki to (a) other CBs or third parties that are involved in the operation of TARGET2-Suomen Pankki, to the extent that this is necessary for the efficient functioning of TARGET2 or the monitoring of the participant's or its group's exposure; (b) other CBs in order to carry out the analyses necessary for market operations, monetary policy functions, financial stability or financial integration; or (c) supervisory, resolution and oversight authorities of Member States and the Union, including CBs, to the extent that this is necessary for the performance of their public tasks, and provided in all such cases that the disclosure is not in conflict with the applicable law. The Bank of Finland shall not be liable for the financial and commercial consequences of such disclosure. *(Amendment 17.11.2019)*
3. By derogation from paragraph 1 and provided this does not make it possible, whether directly or indirectly, to identify the participant or the participant's customers, the Bank of Finland may use, disclose or publish payment information regarding the participant or the participant's customers for statistical, historical, scientific or other purposes in the exercise

of its public functions or of functions of other public entities to which the information is disclosed.

4. Information relating to the operation of TARGET2-Suomen Pankki to which participants have had access, may only be used for the purposes laid down in these Rules. Participants shall keep such information confidential, unless the Bank of Finland has explicitly given its written consent to disclose. Participants shall ensure that any third parties to whom they outsource, delegate or subcontract tasks which have or may have an impact on the performance of their obligations under these Rules are bound by the confidentiality requirements in this Article.
5. The Bank of Finland shall be authorised, in order to settle payment orders, to process and transfer the necessary data to the network service provider.

Article 43 Data protection, prevention of money laundering, administrative or restrictive measures and related issues

1. Participants shall be deemed to be aware of, and shall comply with, and shall be able to demonstrate that compliance to the relevant competent authorities with all obligations on them relating to legislation on data protection. They shall be deemed to be aware of, and shall comply with all obligations on them relating to legislation on prevention of money laundering and the financing of terrorism, proliferation-sensitive nuclear activities and the development of nuclear weapons delivery systems, in particular in terms of implementing appropriate measures concerning any payments debited or credited on their PM accounts. Participants shall ensure that they are informed about the TARGET2 network service provider's data retrieval policy prior to entering into the contractual relationship with the TARGET2 network service provider. *(Amendment 21.11.2021)*
2. Participants shall be deemed to have authorised the Bank of Finland to obtain any information relating to them from any financial or supervisory authority or trade body, whether national or foreign, if such information is necessary for the participant's participation in TARGET2-Suomen Pankki.
3. Participants, when acting as the payment service provider of a payer or payee, shall comply with all requirements resulting from administrative or restrictive measures imposed pursuant to Articles 75 or 215 of the Treaty on the Functioning of the European Union to which they are subject, including with respect to notification and/or the obtaining of consent from a competent authority in relation to the processing of transactions. In addition:
 - (a) when the Bank of Finland is the payment service provider of a participant that is a payer:
 - (i) the participant shall make the required notification or obtain consent on behalf of the central bank that is primarily required to make notification or obtain consent, and shall provide the Bank of Finland with evidence of having made a notification or having received consent;
 - (ii) the participant shall not enter any payment order for the transfer of funds to an account held by an entity different than the participant, into TARGET2 until it has obtained confirmation from the Bank of Finland that the required notification has been made or the consent has been obtained by or on behalf of the payment service provider of the payee. *(Amendment 30.11.2018)*
 - (i) when the Bank of Finland is a payment service provider of a participant that is a payee, the participant shall make the required notification or obtain consent on be-

half of the central bank that is primarily required to make notification or obtain consent, and shall provide the Bank of Finland with evidence of having made a notification or having received consent.

For the purposes of this paragraph, the terms “payment service provider”, “payer” and “payee” shall have the meanings ascribed to them in the applicable administrative or restrictive measures.’. (Amendment 21.11.2011)

Article 44 Notices

1. Except where otherwise provided for in these Rules, all notices required or permitted pursuant to these Rules shall be sent by registered post, facsimile or otherwise in writing or by an authenticated message through the network service provider. Notices to the Bank of Finland shall be submitted to the head of the Banking Services Division at the Bank of Finland, P.O. Box 160, FI-00101 HELSINKI, Finland or to the BIC address SPFBFIHHXXX. Notices to the participant shall be sent to it at the address, fax number or its BIC address as the participant may from time to time notify to the Bank of Finland. (Amendment 22.11.2010)
2. To prove that a notice has been sent, it shall be sufficient to prove that the notice was delivered to the relevant address or that the envelope containing such notice was properly addressed and posted.
3. All notices shall be given in Finnish, Swedish and/or English.
4. Participants shall be bound by all forms and documents of the Bank of Finland that the participants have filled in and/or signed, including but not limited to static data collection forms, as referred to in Article 8(2)(a), and information provided under Article 11(5), which were submitted in compliance with paragraphs 1 and 2 and which the Bank of Finland reasonably believes to have received from the participants, their employees or agents.

Article 45 Contractual relationship with network service provider

1. For the purposes of these Rules, the network service provider is SWIFT. Each participant shall enter into a separate agreement with SWIFT regarding the services to be provided by SWIFT in relation to the participant’s use of TARGET2-Suomen Pankki. The legal relationship between a participant and SWIFT shall be exclusively governed by SWIFT’s terms and conditions.
2. Each participant shall also participate in a TARGET2 CUG, as specified by the SSP-providing CBs acting as the SWIFT service administrator for the SSP. Admission and exclusion of a participant to or from a TARGET2 CUG shall take effect once communicated to SWIFT by the SWIFT service administrator.
3. Participants shall comply with the TARGET2 SWIFT Service Profile, as made available by the Bank of Finland.
4. The services to be provided by SWIFT shall not form part of the services to be performed by the Bank of Finland in respect of TARGET2.
5. The Bank of Finland shall not be liable for any acts, errors or omissions of SWIFT (including its directors, staff and subcontractors) as provider of SWIFT services, or for any acts, errors or omissions of network providers selected by participants to gain access to the SWIFT network.

Article 45a Transitional provisions ¹⁵

1. Once the TARGET system is operational and TARGET2 has ceased operation, PM account balances shall be transferred to the account holder's corresponding successor accounts in the TARGET system.
2. The requirement that PM account holders, indirect Participants and addressable BIC holders adhering to the SCT Inst scheme be reachable in the TIPS Platform pursuant to Article 5 shall apply as of 25 February 2022. (*Amendment 21.11.2021*)

Article 46 Amendment procedure

The Bank of Finland may at any time unilaterally amend these Rules, including the Annexes. Amendments to these Rules, including the Annexes, shall be announced on the Bank of Finland website. Amendments shall be deemed to have been accepted unless the participant expressly objects within 14 days of being informed of such amendments. In the event that a participant objects to the amendment, the Bank of Finland is entitled immediately to terminate that participant's participation in TARGET2-Suomen Pankki and close any of its PM accounts.

Article 47 Third party rights

1. Any rights, interests, obligations, responsibilities and claims arising from or relating to these Rules shall not be transferred, pledged or assigned by participants to any third party without the Bank of Finland's written consent.
2. These Rules do not create any rights in favour of or obligations in relation to any entity other than the Bank of Finland and participants in TARGET2-Suomen Pankki.

Article 48 Governing law, jurisdiction and place of performance

1. The bilateral relationship between the Bank of Finland and participants in TARGET2-Suomen Pankki shall be governed by Finnish law.
2. Without prejudice to the competence of the Court of Justice of the European Union, any dispute arising from a matter relating to the relationship referred to in paragraph 1 falls under the exclusive competence of the competent courts of Helsinki. (*Amendment 22.11.2010*)
3. The place of performance concerning the legal relationship between the Bank of Finland and the participants shall be Helsinki.

Article 49 Severability

If any provision in these Rules is or becomes invalid, this shall not prejudice the applicability of all the other provisions of these Rules.

Article 50 Entry into force

1. These Rules become effective from 18 February 2008.

¹⁵ ECB/2021/30, Article 27a

Annex I

TECHNICAL SPECIFICATIONS FOR THE PROCESSING OF PAYMENT ORDERS

In addition to the Rules, the following rules shall apply to the processing of payment orders:

1

Technical requirements for participation in TARGET2-Suomen Pankki regarding infrastructure, network and formats

1. TARGET2 uses SWIFT services for the exchange of messages. Each participant therefore needs a connection to SWIFT's Secure IP Network. Each participant's PM account shall be identified by an eight- or 11-digit SWIFT BIC. Furthermore, each participant shall pass a series of tests to prove its technical and operational competence before it may participate in TARGET2-Suomen Pankki.
2. For the submission of payment orders and the exchange of payment messages in the PM the SWIFTNet FIN Y-copy service shall be used. A dedicated SWIFT Closed User Group (CUG) shall be set up for this purpose. Payment orders within such TARGET2 CUG shall be directly addressed to the receiving TARGET2 participant by entering its BIC in the header of the SWIFTNet FIN message.
3. For the information and control services the following SWIFTNet services may be used:
 - a) SWIFTNet InterAct;
 - b) SWIFTNet FileAct; and/or
 - c) SWIFTNet Browse.
4. The security of the message exchange between participants shall rely exclusively on SWIFT's Public Key Infrastructure (PKI) service. Information on the PKI service is available in the documentation provided by SWIFT.
5. The 'bilateral relationship management' service provided by SWIFT's Relationship Management Application (RMA) shall only be used with the central destination BIC of the SSP and not for payment messages between TARGET2 participants.

2 Payment message types

1. The following SWIFTNet FIN/SWIFT system message types are processed:

Message Type	Type of use	Description
MT 103	Mandatory	Customer payment
MT 103+	Mandatory	Customer payment (Straight Through Processing)
MT 202	Mandatory	Bank-to-bank payment
MT 202COV	Mandatory	Cover payment
MT 204	Optional	Direct debit payment
MT 011	Optional	Delivery notification
MT 012	Optional	Sender notification
MT 019	Mandatory	Abort notification
MT 900	Optional	Confirmation of debit/Credit line change (Changed 22.11.2010)
MT 910	Optional	Confirmation of credit/Credit line change (Changed 22.11.2010)
MT 940/950	Optional	(Customer) statement message

MT 011, MT 012 and MT 019 are SWIFT system messages.

2. When they register with TARGET2-Suomen Pankki, direct participants shall declare which optional message types they will use, with the exception of MT 011 and MT 012 messages in relation to which direct participants shall decide from time to time whether or not to receive them with reference to specific messages.
3. Participants shall comply with the SWIFT message structure and field specifications, as defined in the SWIFT documentation and under the restrictions set out for TARGET2, as described in Chapter 9.1.2.2 of the User Detailed Functional Specifications (UDFS), Book 1.
4. Field contents shall be validated at the level of TARGET2-Suomen Pankki in accordance with the UDFS requirements. Participants may agree among each other on specific rules regarding the field contents. However, in TARGET2-Suomen Pankki there shall be no specific checks as to whether participants comply with any such rules.
5. MT 202COV messages shall be used for making cover payments, i.e. payments made by correspondent banks to settle (cover) credit transfer messages which are submitted to a customer's bank by other, more direct means. Customer details contained in MT 202COV shall not be displayed in the ICM.

3 Double-entry check

1. All payment orders shall pass a double-entry check, the aim of which is to reject payment orders that have been submitted more than once by mistake.
2. The following fields of the SWIFT message types shall be checked:
- 3.

Details	Part of the SWIFT message	Field
Sender	Basic Header	LT Address
Message Type	Application Header	Message Type
Receiver	Application Header	Destination Address
Transaction Reference Number (TRN)	Text Block	:20
Related Reference	Text Block	:21
Value Date	Text Block	:32
Amount	Text Block	:32

3. If all the fields described in subparagraph 2 in relation to a newly submitted payment order are identical to those in relation to a payment order that has already been accepted, the newly submitted payment order shall be returned.

4 Error codes

If a payment order is rejected, the instructing participant shall receive an abort notification (MT 019) indicating the reason for the rejection by using error codes. The error codes are defined in Chapter 9.4.2 of the UDFS.

5 Predetermined settlement times

1. For payment orders using the Earliest Debit Time Indicator, the codeword '/FROTIME/' shall be used.
2. For payment orders using the Latest Debit Time Indicator, two options shall be available.
 - a) Codeword '/REJTIME/': if the payment order cannot be settled by the indicated debit time, the payment order shall be returned.
 - b) Codeword '/TILTIME/': if the payment order cannot be settled by the indicated debit time, the payment order shall not be returned but shall be kept in the relevant queue.

Under both options, if a payment order with a Latest Debit Time Indicator is not settled 15 minutes prior to the time indicated therein, a notification shall automatically be sent via the ICM.

3. If the codeword '/CLSTIME/' is used, the payment shall be treated in the same way as a payment order referred to in subparagraph 2(b).

6 Settlement of payment orders in the entry disposition

1. Offsetting checks and, if appropriate, extended offsetting checks (both terms as defined in paragraphs 2 and 3) shall be carried out on payment orders entered into the entry disposition to provide quick, liquidity-saving gross settlement of payment orders.
2. An offsetting check shall determine whether the payee's payment orders that are at the front of the highly urgent or, if inapplicable, the urgent queue are available to be offset against the payer's payment order (hereinafter 'offsetting payment orders'). If an offsetting payment order does not provide sufficient funds for the respective payer's payment order in the entry disposition, it shall be determined whether there is sufficient available liquidity on the payer's PM account.
3. If the offsetting check fails, the Bank of Finland may apply an extended offsetting check. An extended offsetting check determines whether offsetting payment orders are available in any of the payee's queues regardless of when they joined the queue. However, if in the queue of the payee there are higher priority payment orders addressed to other TARGET2 participants, the FIFO principle may only be breached if settling such an offsetting payment order would result in a liquidity increase for the payee.

7 Settlement of payment orders in the queue

1. The treatment of payment orders placed in queues depends on the priority class to which it was designated by the instructing participant.
2. Payment orders in the highly urgent and urgent queues shall be settled by using the offsetting checks described in paragraph 6, starting with the payment order at the front of the queue in cases where there is an increase in liquidity or there is an intervention at queue level (change of queue position, settlement time or priority, or revocation of the payment order).
3. Payments orders in the normal queue shall be settled on a continuous basis including all highly urgent and urgent payment orders that have not yet been settled. Different optimisation mechanisms (algorithms) are used. If an algorithm is successful, the included payment orders will be settled; if an algorithm fails, the included payment orders will remain in the queue. Three algorithms (1 to 3) shall be applied to offset payment flows. By means of Algorithm 4, settlement procedure 5 (as defined in Chapter 2.8.1 of the UDFS) shall be available for the settlement of payment instructions of ancillary systems. To optimise the settlement of highly urgent ancillary system transactions on participants' sub-accounts, a special algorithm (Algorithm 5) shall be used.
 - a) Under Algorithm 1 ('all-or-nothing') the Bank of Finland shall, both for each relationship in respect of which a bilateral limit has been set and also for the total sum of relationships for which a multilateral limit has been set:
 - (i) calculate the overall liquidity position of each TARGET2 participant's PM account by establishing whether the aggregate of all outgoing and incoming payment orders pending in the queue is negative or positive and, if it is negative, check whether it exceeds that participant's available liquidity (the overall liquidity position shall constitute the 'total liquidity position'); and
 - (ii) check whether limits and reservations set by each TARGET2 participant in relation to each relevant PM account are respected.

If the outcome of these calculations and checks is positive for each relevant PM account, the Bank of Finland and other CBs involved shall settle all payments simultaneously on the PM accounts of the TARGET2 participants concerned.

- b) Under Algorithm 2 ('partial') the Bank of Finland shall:
- (i) calculate and check the liquidity positions, limits and reservations of each relevant PM account as under Algorithm 1; and
 - (ii) if the total liquidity position of one or more relevant PM accounts is negative, extract single payment orders until the total liquidity position of each relevant PM account is positive.

Thereafter, the Bank of Finland and the other CBs involved shall, provided there are sufficient funds, settle all remaining payments (except the extracted payment orders) simultaneously on the PM accounts of the TARGET2 participants concerned.

When extracting payment orders, the Bank of Finland shall start from the TARGET2 participant's PM account with the highest negative total liquidity position and from the payment order at the end of the queue with the lowest priority. The selection process shall only run for a short time, to be determined by the Bank of Finland at its discretion.

- c) Under Algorithm 3 ('multiple') the Bank of Finland shall:
- (i) compare pairs of TARGET2 participants' PM accounts to determine whether queued payment orders can be settled within the available liquidity of the two TARGET2 participants' PM accounts concerned and within the limits set by them (by starting from the pair of PM accounts with the smallest difference between the payment orders addressed to each other), and the CB(s) involved shall book those payments simultaneously on the two TARGET2 participants' PM accounts; and
 - (ii) if, in relation to a pair of PM accounts as described under point (i), liquidity is insufficient to fund the bilateral position, extract single payment orders until there is sufficient liquidity. In this case the CB(s) involved shall settle the remaining payments, except the extracted ones, simultaneously on the two TARGET2 participants' PM accounts.

After performing the checks specified under subparagraphs (i) to (ii), the Bank of Finland shall check the multilateral settlement positions (between a participant's PM account and other TARGET2 participants' PM accounts in relation to which a multilateral limit has been set). For this purpose, the procedure described under subparagraphs (i) to (ii) shall apply *mutatis mutandis*.

- d) Under Algorithm 4 ('partial plus ancillary system settlement') the Bank of Finland shall follow the same procedure as for Algorithm 2, but without extracting payment orders in relation to the settlement of an ancillary system (which settles on a simultaneous multilateral basis).
- e) Under Algorithm 5 ('ancillary system settlement via sub-accounts') the Bank of Finland shall follow the same procedure as for Algorithm 1, subject to the modification that the Bank of Finland shall start Algorithm 5 via the Ancillary System Interface and shall only check whether sufficient funds are available on participants' sub-accounts. Moreover, no limits and reservations shall be taken into account. Algorithm 5 shall also run during night-time settlement.

4. Payment orders entered into the entry disposition after the start of any of algorithms 1 to 4 may nevertheless be settled immediately in the entry disposition if the positions and limits of the TARGET2 participants' PM accounts concerned are compatible with both the settlement of these payment orders and the settlement of payment orders in the current optimisation procedure. However, two algorithms shall not run simultaneously.
5. During daytime processing the algorithms shall run sequentially. As long as there is no pending simultaneous multilateral settlement of an ancillary system, the sequence shall be as follows:
 - a) algorithm 1,
 - b) if algorithm 1 fails, then algorithm 2,
 - c) if algorithm 2 fails, then algorithm 3, or if algorithm 2 succeeds, repeat algorithm 1.When simultaneous multilateral settlement ('procedure 5') in relation to an ancillary system is pending, Algorithm 4 shall run.
6. The algorithms shall run flexibly by setting a pre-defined time lag between the application of different algorithms to ensure a minimum interval between the running of two algorithms. The time sequence shall be automatically controlled. Manual intervention shall be possible.
7. While included in a running algorithm, a payment order shall not be reordered (change of the position in a queue) or revoked. Requests for reordering or revocation of a payment order shall be queued until the algorithm is complete. If the payment order concerned is settled while the
8. algorithm is running, any request to reorder or revoke shall be rejected. If the payment order is not settled, the participant's requests shall be taken into account immediately.

8 Use of the ICM

1. The ICM may be used for obtaining information and managing liquidity. SWIFT's Secure IP Network (SIPN) shall be the underlying technical communications network for exchanging information and running control measures.
2. With the exception of warehoused payment orders and static data information, only data in relation to the current business day shall be available via the ICM. The screens shall be offered in English only.
3. Information shall be provided in 'pull' mode, which means that each participant has to ask to be provided with information.
4. The following modes shall be available for using the ICM:
 - a) application-to-application mode (A2A)

In A2A, information and messages are transferred between the PM and the participant's internal application. The participant therefore has to ensure that an appropriate application is available for the exchange of XML messages (requests and responses) with the ICM via a standardised interface. Further details are contained in the ICM User Handbook and in Book 4 of the UDFS.
 - b) user-to-application mode (U2A)

U2A permits direct communication between a participant and the ICM. The infor-

mation is displayed in a browser running on a PC system (SWIFT Alliance Web-Station or another interface, as may be required by SWIFT). For U2A access the IT infrastructure has to be able to support cookies. Further details are described in the ICM User Handbook. *(Amendment 21.11.2021)*

5. Each participant shall have at least one SWIFT Alliance WebStation, or another interface, as may be required by SWIFT, to have access to the ICM via U2A.
6. Access rights to the ICM shall be granted by using SWIFT's 'Role Based Access Control'. The SWIFT 'Non Repudiation of Emission' (NRE) service, which may be used by participants, allows the recipient of an XML message to prove that such message has not been altered.
7. If a participant has technical problems and is unable to submit any payment order, it may generate preformatted backup lump sum and backup contingency payments by using the ICM. The Bank of Finland shall open such functionality upon request of the participant.
8. Participants may also use the ICM to transfer liquidity:
 - a) from their PM account to their account outside the PM;
 - b) between the PM account and the participant's sub-accounts; and
 - c) from the PM account to the technical account managed by the ancillary system using settlement procedure 6 real-time; *(Amendment 30.11.2018)*
 - d) by means of a PM to T2S DCA liquidity transfer order or, when the ICM is used in combination with the T2S value added services, a T2S DCA to PM liquidity transfer order; and'; *(Amendment 30.11.2018)*
 - e) by means of a PM to TIPS DCA liquidity transfer order or a TIPS DCA to PM liquidity transfer order.; *(Amendment 30.11.2018)*

9 The UDFS and the ICM User Handbook

Further details and examples explaining the above rules are contained in the UDFS and the ICM User Handbook, as amended from time to time and published on the Bank of Finland's website and the ECB's website in English.

Annex II TARGET2 COMPENSATION SCHEME

1 General principles

- a) If there is a technical malfunction of TARGET2, direct participants may submit claims for compensation in accordance with the TARGET2 compensation scheme laid down in this Annex.
- b) Unless otherwise decided by the ECB's Governing Council, the TARGET2 compensation scheme shall not apply if the technical malfunction of TARGET2 arises out of external events beyond the reasonable control of the CBs concerned or as a result of acts or omissions by third parties.
- c) Compensation under the TARGET2 compensation scheme shall be the only compensation procedure offered in the event of a technical malfunction of TARGET2. Participants may, however, use other legal means to claim for losses. If a participant accepts a compensation offer under the TARGET2 compensation scheme, this shall constitute the participant's irrevocable agreement that it thereby waives all claims in relation to the payment orders concerning which it accepts compensation (including any claims for consequential loss) it may have against any CB, and that the receipt by it of the corresponding compensation payment constitutes full and final settlement of all such claims. The participant shall indemnify the CBs concerned, up to a maximum of the amount received under the TARGET2 compensation scheme, in respect of any further claims which are raised by any other participant or any other third party in relation to the payment order or payment concerned.
- d) The making of a compensation offer shall not constitute an admission of liability by the Bank of Finland or any other CB in respect of a technical malfunction of TARGET2.

2 Conditions for compensation offers

- a) A payer may submit a claim for an administration fee and interest compensation if, due to a technical malfunction of TARGET2 a payment order was not settled on the business day on which it was accepted.
- b) A payee may submit a claim for an administration fee if due to a technical malfunction of TARGET2 it did not receive a payment that it was expecting to receive on a particular business day. The payee may also submit a claim for interest compensation if one or more of the following conditions are met:
 - (i) in the case of participants that have access to the marginal lending facility: due to a technical malfunction of TARGET2, a payee had recourse to the marginal lending facility; and/or
 - (ii) in the case of all participants: it was technically impossible to have recourse to the money market or such refinancing was impossible on other, objectively reasonable grounds.

3 Calculation of compensation

- a) With respect to a compensation offer for a payer:
 - (i) the administration fee shall be EUR 50 for the first non-settled payment order, EUR 25 for each of the next four such payment orders and EUR 12.50 for each further such payment order. The administration fee shall be calculated separately in relation to each payee;
 - (ii) interest compensation shall be determined by applying a reference rate to be fixed from day to day. This reference rate shall be the lower of the euro overnight index

average (EONIA) rate and the marginal lending rate. The reference rate shall be applied to the amount of the payment order not settled as a result of the technical malfunction of TARGET2 for each day in the period from the date of the actual or, in relation to payment orders referred to in paragraph 2(b)(ii), intended submission of the payment order until the date on which the payment order was or could have been successfully settled. Any interest or charges resulting from the placing of any non-settled payment orders on deposit with the Eurosystem shall be deducted from, or charged to, the amount of any compensation, as the case may be; and

- (iii) no interest compensation shall be payable if and in so far as funds resulting from non-settled payment orders were placed in the market or used to fulfil minimum reserve requirements.
- b) With respect to a compensation offer for a payee:
- (iv) the administration fee shall be EUR 50 for the first non-settled payment order, EUR 25 for each of the next four such payment orders and EUR 12.50 for each further such payment order. The administration fee shall be calculated separately in relation to each payer;
 - (v) the method set out in subparagraph (a)(ii) for calculating interest compensation shall apply except that interest compensation shall be payable at a rate equal to the difference between the marginal lending rate and the reference rate, and shall be calculated on the amount of any recourse to the marginal lending facility occurring as a result of the technical malfunction of TARGET2.

4 Procedural rules

- a) A claim for compensation shall be submitted on the claim form available on the website of the Bank of Finland in English (see www.bof.fi). Payers shall submit a separate claim form in respect of each payee and payees shall submit a separate claim form in respect of each payer. Sufficient additional information and documents shall be provided to support the information indicated in the claim form. Only one claim may be submitted in relation to a specific payment or payment order.
- b) Within four weeks of a technical malfunction of TARGET2, participants shall submit their claim form(s) to the Bank of Finland. Any additional information and evidence requested by the Bank of Finland shall be supplied within two weeks of such request being made.
- c) The Bank of Finland shall review the claims and forward them to the ECB. Unless otherwise decided by the ECB's Governing Council and communicated to the participants, all received claims shall be assessed no later than 14 weeks after the technical malfunction of TARGET2 occurs.
- d) The Bank of Finland shall communicate the result of the assessment referred to in subparagraph (c) to the relevant participants. If the assessment entails a compensation offer, the participants concerned shall, within four weeks of the communication of such offer, either accept or reject it, in respect of each payment or payment order comprised within each claim, by signing a standard letter of acceptance (in the form available on the website of the Bank of Finland (see www.bof.fi)). If such letter has not been received by the Bank of Finland within four weeks, the participants concerned shall be deemed to have rejected the compensation offer.
- e) The Bank of Finland shall make compensation payments on receipt of a participant's letter of acceptance of compensation. No interest shall be payable on any compensation payment.



Annex III

TERMS OF REFERENCE FOR CAPACITY AND COUNTRY OPINIONS

Terms of reference for capacity opinions for participants in TARGET2

Bank of Finland
P.O. Box 160
FI-00101 HELSINKI

Participation in TARGET2-Suomen Pankki

[location], [date]

Dear Sir or Madam,

We have been asked to provide this Opinion as [in-house or external] legal advisers to [specify name of Participant or branch of Participant] in respect of issues arising under the laws of [jurisdiction in which the Participant is established; hereinafter the 'jurisdiction'] in connection with the participation of [specify name of Participant] (hereinafter the 'Participant') in TARGET2-Suomen Pankki (hereinafter the 'System').

This Opinion is confined to the laws of [jurisdiction] as they exist as on the date of this Opinion. We have made no investigation of the laws of any other jurisdiction as a basis for this Opinion, and do not express or imply any opinion in this regard. Each of the statements and opinions presented below applies with equal accuracy and validity under the laws of [jurisdiction], whether or not the Participant acts through its head office or one or more branches established inside or outside of [jurisdiction] in submitting payment orders and receiving payments.

I DOCUMENTS EXAMINED

For the purposes of this Opinion, we have examined:

1. a certified copy of the [specify relevant constitutional document(s)] of the Participant such as is/are in effect on the date hereof;
2. [if applicable] an extract from the [specify relevant company register] and [if applicable] [register of credit institutions or analogous register];
3. [to the extent applicable] a copy of the Participant's licence or other proof of authorisation to provide banking, investment, funds transfer or other financial services in [jurisdiction];
4. [if applicable] a copy of a resolution adopted by the board of directors or the relevant governing body of the Participant on [insert date], [insert year], evidencing the Participant's agreement to adhere to the System Documents, as defined below; and
5. [specify all powers of attorney and other documents constituting or evidencing the requisite power of the person or persons signing the relevant System Documents (as defined below) on behalf of the Participant];

and all other documents relating to the Participant's constitution, powers, and authorisations necessary or appropriate for the provision of this Opinion (hereinafter the 'Participant Documents').

For the purposes of this Opinion, we have also examined:

1. the Rules for TARGET2-Suomen Pankki dated [insert date] (hereinafter the 'Rules'); and
2. [...].

The Rules and the [...] shall be referred to hereinafter as the 'System Documents' (and collectively with the Participant Documents as the 'Documents').

II ASSUMPTIONS

For the purposes of this Opinion we have assumed in relation to the Documents that:

1. the System Documents with which we have been provided are originals or true copies;
2. the terms of the System Documents and the rights and obligations created by them are valid and legally binding under the laws of Finland by which they are expressed to be governed, and the choice of the laws of Finland to govern the System Documents is recognised by the laws of Finland;
3. the Participant Documents are within the capacity and power of and have been validly authorised, adopted or executed and, where necessary, delivered by the relevant parties; and
4. the Participant Documents are binding on the parties to which they are addressed, and there has been no breach of any of their terms.

III OPINIONS REGARDING THE PARTICIPANT

- A. The Participant is a corporation duly established and registered or otherwise duly incorporated or organised under the laws of [jurisdiction].
- B. The Participant has all the requisite corporate powers to execute and perform the rights and obligations under the System Documents to which it is party.
- C. The adoption or execution and the performance by the Participant of the rights and obligations under the System Documents to which the Participant is party will not in any way breach any provision of the laws or regulations of [jurisdiction] applicable to the Participant or the Participant Documents.
- D. No additional authorisations, approvals, consents, filings, registrations, notarisations or other certifications of or with any court or governmental, judicial or public authority that is competent in [jurisdiction] are required by the Participant in connection with the adoption, validity or enforceability of any of the System Documents or the execution or performance of the rights and obligations thereunder.
- E. The Participant has taken all necessary corporate action and other steps necessary under the laws of [jurisdiction] to ensure that its obligations under the System Documents are legal, valid and binding
- F. This Opinion is stated as of its date and is addressed solely to the Bank of Finland and the [Participant]. No other persons may rely on this Opinion, and the contents of this Opinion may not be disclosed to persons other than its intended recipients and their legal counsel without our prior written consent, with the exception of the European Central Bank and the national central banks of the European System of Central Banks [and [the national central bank/relevant regulatory authorities] of [jurisdiction]].

Yours faithfully,

[signature]

Terms of reference for country opinions for non-EEA participants in TARGET2

Bank of Finland

P.O. Box 160

FI-00101 HELSINKI

TARGET2-Suomen Pankki

[location], [date]

Dear Sir or Madam,

We have been asked as [external] legal advisers to [specify name of Participant or branch of Participant] (the 'Participant') in respect of issues arising under the laws of [jurisdiction in which the Participant is established; hereinafter the 'jurisdiction'] to provide this Opinion under the laws of [jurisdiction] in connection with the participation of the Participant in a system which is a component of TARGET2 (hereinafter the 'System'). References herein to the laws of [jurisdiction] include all applicable regulations of [jurisdiction]. We express an opinion herein under the law of [jurisdiction], with particular regard to the Participant established outside [insert reference to the Member State of the System] in relation to rights and obligations arising from participation in the System, as presented in the System Documents defined below.

This Opinion is confined to the laws of [jurisdiction] as they exist on the date of this Opinion. We have made no investigation of the laws of any other jurisdiction as a basis for this Opinion, and do not express or imply any opinion in this regard. We have assumed that there is nothing in the laws of another jurisdiction which affects this Opinion.

1 DOCUMENTS EXAMINED

For the purposes of this Opinion, we have examined the documents listed below and such other documents as we have deemed necessary or appropriate:

1. the Rules for TARGET2-Suomen Pankki dated [insert date] (hereinafter the 'Rules'); and
2. any other document governing the System and/or the relationship between the Participant and other participants in the System, and between the participants in the System and the [insert name of CB].

The Rules and the [...] shall be referred to hereinafter as the 'System Documents'.

2 ASSUMPTIONS

For the purposes of this Opinion we have assumed in relation to the System Documents that:

1. the System Documents are within the capacity and power of and have been validly authorised, adopted or executed and, where necessary, delivered by the relevant parties;
2. the terms of the System Documents and the rights and obligations created by them are valid and legally binding under the laws of Finland, by which they are expressed to be governed, and the choice of the laws of Finland to govern the System Documents is recognised by the laws of Finland;
3. the participants in the System through which any payment orders are sent or payments are received, or through which any rights or obligations under the System Documents are executed or performed, are licensed to provide funds transfer services, in all relevant jurisdictions; and
4. the documents submitted to us in copy or as specimens conform to the originals.

3 OPINION

Based on and subject to the foregoing, and subject in each case to the points set out below, we are of the opinion that:

3.1 Country-specific legal aspects [to the extent applicable]

The following characteristics of the legislation of [jurisdiction] are consistent with and in no way set aside the obligations of the Participant arising out of the System Documents: [list of country-specific legal aspects].

3.2 General insolvency and crisis management issues

3.2a Types of insolvency and crisis management proceedings

The only types of insolvency proceedings (including composition or rehabilitation) – which, for the purpose of this Opinion, shall include all proceedings in respect of the Participant's assets or any branch it may have in [jurisdiction] – to which the Participant may become subject in [jurisdiction], are the following: [list proceedings in original language and English translation] (together collectively referred to as 'Insolvency Proceedings').

In addition to Insolvency Proceedings, the Participant, any of its assets, or any branch it may have in [jurisdiction] may become subject in [jurisdiction] to [list any applicable moratorium, receivership, or any other proceedings as a result of which payments to and/or from the Participant may be suspended, or limitations can be imposed in relation to such payments, or similar proceedings including crisis prevention and crisis management measures equivalent to those defined in Directive 2014/59/EU, in original language and English translation] (hereinafter collectively referred to as 'Proceedings'). (Amendment 17.11.2019)

3.2.b Insolvency treaties

[jurisdiction] or certain political subdivisions within [jurisdiction], as specified, is/are party to the following insolvency treaties: [specify, if applicable which have or may have an impact on this Opinion].

3.3 Enforceability of System Documents

Subject to the points set out below, all provisions of the System Documents will be binding and enforceable in accordance with their terms under the laws of [jurisdiction], in particular in the event of the opening of any Insolvency Proceedings or Proceedings with respect to the Participant.

In particular, we are of the opinion that:

3.3.a Processing of payment orders

The provisions on processing of payment orders [list of sections] of the Rules are valid and enforceable. In particular, all payment orders processed pursuant to such sections will be valid, binding and will be enforceable under the laws of [jurisdiction]. The provision of the Rules which specifies the precise point in time at which payment orders submitted by the Participant to the System become enforceable and irrevocable ([add section of the Rules]) is valid, binding and enforceable under the laws of [jurisdiction].

3.3.b Authority of the Bank of Finland to perform its functions

The opening of Insolvency Proceedings or Proceedings in respect of the Participant will not affect the authority and powers of the Bank of Finland arising out of the System Documents. [Specify [to the extent applicable] that: the same opinion is also applicable in respect of any other entity which provides the Participants with services directly and necessarily required for participating in the System (e.g. network service provider)].

3.3.c Remedies in the event of default

[Where applicable to the Participant, the provisions contained in [list of sections] of the Rules regarding accelerated performance of claims which have not yet matured, the set-off of claims for using the deposits of the Participant, the enforcement of a pledge, suspension and termination of participation, claims for default interest, and termination of agreements and transactions ([insert other relevant clauses of the Rules or the System Documents]) are valid and enforceable under the laws of [jurisdiction].]

3.3.d Suspension and termination

Where applicable to the Participant, the provisions contained in [list of sections] of the Rules (in respect of suspension and termination of the Participant's participation in the System on the opening of Insolvency Proceedings or Proceedings or other events of default, as defined in the System Documents, or if the Participant represents any kind of systemic risk or has serious operational problems) are valid and enforceable under the laws of [jurisdiction].

3.3.e Penalty regime

Where applicable to the Participant, the provisions contained in [list of sections] of the Rules in respect of penalties imposed on a Participant which is unable to reimburse intraday credit or overnight credit, where applicable, on time are valid and enforceable under the laws of [jurisdiction].

3.3.f Assignment of rights and obligations

The rights and obligations of the Participant cannot be assigned, altered or otherwise transferred by the Participant to third parties without the prior written consent of the Bank of Finland.

3.3.g Choice of governing law and jurisdiction

The provisions contained in [list of sections] of the Rules, and in particular in respect of the governing law, the resolution of a dispute, competent courts, and service of process are valid and enforceable under the laws of [jurisdiction].

3.4 Voidable preferences

We are of the opinion that no obligation arising out of the System Documents, the performance thereof, or compliance therewith prior to the opening of any Insolvency Proceedings or Proceedings in respect of the Participant may be set aside in any such proceedings as a preference, voidable transaction or otherwise under the laws of [jurisdiction].

In particular, and without limitation to the foregoing, we express this opinion in respect of any payment orders submitted by any participant in the System. In particular, we are of the opinion that the provisions of [list of sections] of the Rules establishing the enforceability and irrevocability of payment orders will be valid and enforceable and that a payment order submitted by any participant and processed pursuant to [list of sections] of the Rules may not be set aside

in any Insolvency Proceedings or Proceedings as a preference, voidable transaction or otherwise under the laws of [jurisdiction].

3.5 Attachment

If a creditor of the Participant seeks an attachment order (including any freezing order, order for seizure or any other public or private law procedure that is intended to protect the public interest or the rights of the Participant's creditors) – hereinafter referred to as an 'Attachment' – under the laws of [jurisdiction] from a court or governmental, judicial or public authority that is competent in [jurisdiction], we are of the opinion that [insert the analysis and discussion].

3.6 Collateral [if applicable]

3.6.a Assignment of rights or deposit of assets for collateral purposes, pledge and/or repo

Assignments for collateral purposes will be valid and enforceable under the laws of [jurisdiction]. Specifically, the creation and enforcement of a pledge or repo under the [insert reference to the relevant arrangement with the CB] will be valid and enforceable under the laws of [jurisdiction].

3.6.b Priority of assignees', pledgees' or repo purchasers' interest over that of other claimants

In the event of Insolvency Proceedings or Proceedings in respect of the Participant, the rights or assets assigned for collateral purposes, or pledged by the Participant in favour of the Bank of Finland or other participants in the System, will rank in priority of payment above the claims of all other creditors of the Participant and will not be subject to priority or preferential creditors.

3.6.c Enforcing title to security

Even in the event of Insolvency Proceedings or Proceedings in respect of the Participant, other participants in the System and the Bank of Finland as [assignees, pledgees or repo purchasers as applicable] will still be free to enforce and collect the Participant's rights or assets through the action of the Bank of Finland pursuant to the Rules.

3.6.d Form and registration requirements

There are no form requirements for the assignment for collateral purposes of, or the creation and enforcement of a pledge or repo over the Participant's rights or assets and it is not necessary for the [assignment for collateral purposes, pledge or repo, as applicable], or any particulars of such [assignment, pledge or repo, as applicable,] to be registered or filed with any court or governmental, judicial or public authority that is competent in [jurisdiction].

3.7 Branches [to the extent applicable]

3.7.a Opinion applies to action through branches

Each of the statements and opinions presented above with regard to the Participant applies with equal accuracy and validity under the laws of [jurisdiction] in situations where the Participant acts through one or more of its branches established outside [jurisdiction].

3.7.b Conformity with law

Neither the execution and performance of the rights and obligations under the System Documents nor the submission, transmission or receipt of payment orders by a branch of the Participant will in any respect breach the laws of [jurisdiction].

3.7.c Required authorisations

Neither the execution and performance of the rights and obligations under the System Documents nor the submission, transmission or receipt of payment orders by a branch of a Participant will require any additional authorisations, approvals, consents, filings, registrations, notarisations or other certifications of or with any court or governmental, judicial or public authority that is competent in [jurisdiction].

This Opinion is stated as of its date and is addressed solely to the Bank of Finland and the [Participant]. No other persons may rely on this Opinion, and the contents of this Opinion may not be disclosed to persons other than its intended recipients and their legal counsel without our prior written consent, with the exception of the European Central Bank and the national central banks of the European System of Central Banks [and [the national central bank/relevant regulatory authorities] of [jurisdiction]].

Yours faithfully,

[signature]

Annex IV

BUSINESS CONTINUITY AND CONTINGENCY PROCEDURES

1 General provisions

- a) This Annex sets out the arrangements between the Bank of Finland and participants, or ancillary systems, if one or more components of the SSP or the telecommunications network fail or are affected by an abnormal external event, or if the failure affects any participant or ancillary system.
- b) All references to specific times in this Annex are to the local time at the seat of the ECB, i.e. Central European Time (CET¹).

2 Measures of business continuity and contingency processing

- a) In the event that an abnormal external event occurs and/or there is a failure of the SSP or the telecommunications network which affects the normal operation of TARGET2, the Bank of Finland shall be entitled to adopt business continuity and contingency processing measures.
- b) The following main business continuity and contingency processing measures shall be available in TARGET2:
 - (i) relocating the operation of the SSP to an alternative site;
 - (ii) changing the SSP's operating hours; and
 - (iii) initiating contingency processing of very critical and critical payments, as defined in paragraph 6(c) and (d) respectively.
- c) In relation to business continuity and contingency processing measures, the Bank of Finland shall have full discretion regarding whether and which measures are adopted to settle payment orders.

3 Incident communication

- a) Information about the failure of the SSP and/or an abnormal external event shall be communicated to participants through the domestic communication channels, the ICM and T2IS. In particular, communications to participants shall include the following information:
 - (i) a description of the event;
 - (ii) the anticipated delay in processing (if known);
 - (iii) information on the measures already taken; and
 - (iv) the advice to participants.
- b) In addition, the Bank of Finland may notify participants of any other existing or anticipated event which has the potential to affect the normal operation of TARGET2.

¹ CET takes into account the change to Central European Summer Time.

4 Relocation of the operation of the SSP to an alternative site

- a) In the event that any of the events referred to in paragraph 2(a) occurs, the operation of the SSP may be relocated to an alternative site, either within the same region or in another region.
- b) In the event that the operation of the SSP or the T2S Platform is relocated from one region (Region 1) to another region (Region 2), the participants shall endeavour to reconcile their positions up to the point of the failure or the occurrence of the abnormal external events and provide to the Bank of Finland all relevant information in this respect.
- c) Where a PM to T2S DCA liquidity transfer order is debited on the participant's PM account on the SSP in Region 1, but, after reconciliation, is not shown as debited on the SSP in Region 2, the CB responsible for the participant shall debit the participant's PM account in Region 2 to return the participant's PM account balance to the level it had prior to the relocation.

5 Change of operating hours

- a) The daytime processing of TARGET2 may be extended or the opening time of a new business day may be delayed. During any extended operating time of TARGET2, payment orders shall be processed in accordance with the Rules for TARGET2-Suomen Pankki, subject to the modifications contained in this Annex.
- b) Daytime processing may be extended and the closing time thereby delayed if an SSP failure has occurred during the day but has been resolved before 18.00. Such a closing time delay shall in normal circumstances not exceed two hours and shall be announced as early as possible to participants. If such a delay is announced before 16.50, the minimum period of one hour between the cut-off time for customer and interbank payment orders shall remain in place. Once such a delay is announced it may not be withdrawn.
- c) The closing time shall be delayed in cases where an SSP failure has occurred before 18:00 and has not been resolved by 18.00. The Bank of Finland shall immediately communicate the delay of closing time to participants.
- d) Upon recovery of the SSP, the following steps shall take place:
 - (i) The Bank of Finland shall seek to settle all queued payments within one hour; this time is reduced to 30 minutes in the event that the SSP failure occurs at 17.30 or later (in cases where the SSP failure was ongoing at 18.00).
 - (ii) Participants' final balances shall be established within one hour; this time shall be reduced to 30 minutes in the event that the SSP failure occurs at 17.30 or later, in cases where the SSP failure was ongoing at 18.00.
 - (iii) At the cut-off time for interbank payments, the end-of-day processing, including recourse to the Eurosystem standing facilities shall take place.
- e) Ancillary systems that require liquidity in the early morning need to have established means to cope with cases where the daytime processing cannot be started in time due to an SSP failure on the previous day.

6 Contingency processing

- a) If it deems it necessary to do so, the Bank of Finland shall initiate the contingency processing of payment orders in the Contingency Solution of the SSP. In such cases, only a minimum service level shall be provided to participants and ancillary systems. The Bank of Finland shall inform its participants and ancillary systems of the start of contingency processing by means of any available means of communication *(Amendment 17.11.2019)*
- b) In contingency processing, payment orders shall be submitted by the participants and authorised by the Bank of Finland. In addition, the ancillary systems may submit files containing payments instructions, which may be uploaded into the Contingency Solution by the Bank of Finland. *(Amendment 17.11.2019)*
- c) The following payments shall be considered as 'very critical' and the Bank of Finland shall use best efforts to process them in contingency situations:
 - (i) CLS Bank International-related payments; with the exception of payments related to the CLS CCP and the CLSNow service; *(Amendment 30.11.2018)*
 - (ii) end-of-day settlement of EURO1; and
 - (iii) central counterparty margin calls.
 - (iv) Payments required to avoid systemic risk shall be considered as "critical" and the Bank of Finland may decide to initiate contingency processing in relation to them. *(Amendment 17.11.2019)*
- e) Participants shall submit payment orders for contingency processing directly into the Contingency Solution and information to payees shall be provided through the means of communication of their choice. Ancillary systems shall submit files which contain payment instructions to the Bank of Finland for uploading into the Contingency Solution and which authorise the Bank of Finland to do so. Bank of Finland, may, exceptionally, also manually input payments on behalf of participants. Information concerning account balances and debit and credit entries may be obtained via the Bank of Finland. *(Amendment 17.11.2019)*
- f) Payment orders that have already been submitted to TARGET2-Suomen Pankki, but are queued, may also undergo contingency processing. In such cases the Bank of Finland shall endeavour to avoid the double processing of payment orders, but the participants shall bear the risk of such double processing if it occurred.
- g) For contingency processing of payment orders, participants shall provide eligible assets as collateral. During contingency processing, incoming contingency payments may be used to fund outgoing contingency payments. For the purposes of contingency processing, participants' available liquidity may not be taken into account by the Bank of Finland. *(Amendment 21.11.2021)*

7 Failures linked to participants or ancillary systems

- a) In the event that a participant has a problem that prevents it from settling payments in TARGET2 it shall be its responsibility to resolve the problem. In particular, a participant may use in-house solutions or the ICM functionality, i.e. backup liquidity redistribution payments and backup contingency payments (e.g. CLS, EURO1). *(Amendment 17.11.2019)*
- b) If a participant decides to use the ICM functionality for making backup lump sum payments, the Bank of Finland shall, if the participant so requests, open this functionality via

the ICM. If the participant so requests, the Bank of Finland shall transmit an ICM broadcast message to inform other participants about the participant's use of backup lump sum payments. The participant shall be responsible for sending such backup lump sum payments exclusively to other participants with which it has bilaterally agreed on the use of such payments and for any further steps in relation to such payments.

- c) If the measures referred to in subparagraph (a) are exhausted or if they are inefficient, the participant may request support from the Bank of Finland.
- d) In the event that a failure affects an ancillary system, that ancillary system shall be responsible for resolving the failure. If the ancillary system so requests, the Bank of Finland may act on its behalf. The Bank of Finland shall have discretion to decide what support it gives to the ancillary system, including during the night-time operations of the ancillary system. The following contingency measures may be taken:
 - (i) the ancillary system initiates clean payments (i.e. payments that are not linked to the underlying transaction) via the Participant Interface;
 - (ii) the Bank of Finland creates and/or processes XML instructions/files on behalf of the ancillary system; and/or
 - (iii) the Bank of Finland makes clean payments on behalf of the ancillary system.
- e) The detailed contingency measures with respect to ancillary systems shall be contained in the bilateral arrangements between the Bank of Finland and the relevant ancillary system.

8

Other provisions

- a) In the event that certain data are unavailable because one of the events referred to in paragraph 3(a) has occurred, the Bank of Finland is entitled to start or continue processing payment orders and/or operate TARGET2-Suomen Pankki on the basis of the last available data, as determined by the Bank of Finland. If so requested by the Bank of Finland, participants and ancillary systems shall resubmit their FileAct/Interact messages or take any other action deemed appropriate by the Bank of Finland.
- b) In the event of a failure of the Bank of Finland, some or all of its technical functions in relation to TARGET2-Suomen Pankki may be performed by the operational team of the SSP or other Eurosystem CBs. (*Amendment 30.11.2018*)
- c) The Bank of Finland may require that the participants participate in regular or ad hoc testing of business continuity and contingency processing measures, training or any other preventative arrangements, as deemed necessary by the the Bank of Finland. Any costs incurred by the participants as a result of such testing or other arrangements shall be borne solely by the participants. (*Amendment 15.4.2016*)

Annex V OPERATING SCHEDULE

1. TARGET2 is open on all days, except Saturdays, Sundays, New Year's Day, Good Friday and Easter Monday (according to the calendar applicable at the seat of the ECB), 1 May, Christmas Day and 26 December.
2. The reference time for the system is the local time at the seat of the ECB, i.e. CET.
3. The current business day is opened during the evening of the previous business day and operates to the following schedule:

Time	Description
6.45-7.00	Business window to prepare daytime operations ¹
7.00-18.00	Daytime processing
17.00	Cut-off time for customer payments, i.e. payments where the originator and/or the beneficiary of a payment is not a direct or indirect participant as identified in the system by the use of an MT 103 or MT 103+ message
18.00	Cut-off time for interbank payments, i.e. payments other than customer payments Cut-off time for liquidity transfers between TARGET2 and TIPS
Shortly after 18.00	Completion of last Algorithms in TARGET2
Upon completion of last algorithms	TARGET2 sends message to TIPS to initiate change of business day in TIPS
Shortly after completion of last algorithms	End-of-day files (General Ledger) received from TIPS
18.00-18.45 ²	End-of-day processing
18.15 ³	General cut-off time for the use of standing facilities
(Shortly after) 18.30 ⁴	Data for the update of accounting systems are available to CBs
18.45-19.30 ⁵	Start-of-day processing (new business day)
19.00 ⁶ -19.30 ⁷	Provision of liquidity on the PM account
19.30 ⁸	'Start-of-procedure' message and settlement of the standing orders to transfer liquidity from the PM accounts to the subaccounts/technical account (ancillary system-related settlement) Start of liquidity transfers between TARGET2 and TIPS
19.30 ⁹ -22.00	Execution of additional liquidity transfers via the ICM for settlement procedure 6 real time; execution of additional liquidity transfers via the ICM before the ancillary system sends the 'start of cycle' messages for settlement procedure 6 interfaced; settlement period of night-time ancillary system operations (only for ancillary system settlement procedure 6 real-time and settlement procedure 6 interfaced)
22.00-1.00	Technical maintenance window

1.00-7.00	<p>Settlement procedure of night-time ancillary system operations (only for ancillary system settlement procedure 6 real-time and settlement procedure 6 interfaced)</p> <p>Liquidity transfers between TARGET2 and TIPS</p>
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- 1 'Daytime operations' means daytime processing and end-of-day processing.
 - 2 Ends 15 minutes later on the last day of the Eurosystem reserve maintenance period.
 - 3 Ends 15 minutes later on the last day of the Eurosystem reserve maintenance period.
 - 4 Starts 15 minutes later on the last day of the Eurosystem reserve maintenance period.
 - 5 Starts 15 minutes later on the last day of the Eurosystem reserve maintenance period.
 - 6 Starts 15 minutes later on the last day of the Eurosystem reserve maintenance period.
 - 7 Ends 15 minutes later on the last day of the Eurosystem reserve maintenance period.
 - 8 Starts 15 minutes later on the last day of the Eurosystem reserve maintenance period.
 - 9 Starts 15 minutes later on the last day of the Eurosystem reserve maintenance period.
(Amendment 30.11.2018)
4. The ICM is available for liquidity transfers from 19.30 *** until 18.00 the next day, except during the technical maintenance period from 22.00 until 1.00.
 5. The operating hours may be changed in the event that business continuity measures are adopted in accordance with paragraph 5 of Annex IV.
 6. Up-to-date information on the SSP's operational status shall be available on the TARGET2 Information System (T2IS) on a dedicated webpage on the ECB's website. The information on the SSP's operational status on T2IS and the ECB's website shall only be updated during normal business hours. (Amendment 30.11.2018)

Annex VI FEE SCHEDULE AND INVOICING

Fees for direct participants

1. The monthly fee for the processing of payment orders in TARGET2-Suomen Pankki for direct participants, depending on which option the direct participant has chosen, shall be either:
 - a) EUR 150 per PM account plus a flat fee per transaction (debit entry) of EUR 0.80; or
 - b) EUR 1 875 per PM account plus a fee per transaction (debit entry) determined as follows, based on the volume of transactions (number of processed items) per month:

Band	From	To	Price
1	1	10 000	EUR 0.60
2	10 001	25 000	EUR 0.50
3	25 001	50 000	EUR 0.40
4	50 001	100 000	EUR 0.20
5	Above 100 000	-	EUR 0.125

Liquidity transfers between a participant's PM account and its sub-accounts shall not be subject to a charge.

PM to T2S DCA liquidity transfer orders or PM to TIPS DCA liquidity transfer orders sent from a participant's PM account and T2S DCA to PM liquidity transfer orders or TIPS DCA to PM liquidity transfer orders received on a participant's PM account shall be charged according to the pricing option (a) or (b) above those chosen for that PM account. *(Amendment 30.11.2018)*

2. The monthly fee for multi-addressee access shall be EUR 80 for each 8-digit BIC address other than the BIC of the direct participant's account.
3. There shall be an additional monthly fee for direct participants who do not wish the BIC of their account to be published in the TARGET2 directory of EUR 30 per account.
4. The monthly fee for each registration by a direct participant of an indirect participant in the TARGET2 directory shall be EUR 20.
5. The one time fee for each registration in the TARGET2 directory of an addressable BIC holder, for branches of direct and indirect participants, branches of correspondents and addressable BIC holders that are members of the same group, as defined in Article 1, shall be EUR 5. *(Amendment 1 January 2013)*
6. The monthly fee for each registration in the TARGET2 directory of an addressable BIC holder for a correspondent shall be EUR 5. *(Amendment 1 January 2013)*
7. The monthly fee for direct participants subscribing to the TARGET2 value-added services for T2S shall be EUR 50 for those participants which have opted for option (a) in paragraph 1 above, and EUR 625 for those participants which have opted for option (b) in paragraph 1 above. *(Amendment 22.6.2015)*

Fees for liquidity pooling

8. For the CAI mode, the monthly fee shall be EUR 100 for each account included in the group.
9. For the AL mode, the monthly fee shall be EUR 200 for each account included in the AL group. If the AL group uses the CAI mode, accounts not included in the AL mode shall pay the CAI monthly fee of EUR 100 per account.
10. For both the AL mode and the CAI mode, the degressive transaction fee structure set out in the table in paragraph 1(b) shall apply to all payments by the participants in the group, as if these payments were sent from one participant's account.
11. The monthly fee of EUR 1 875 referred to in paragraph 1(b) shall be paid by the relevant group manager, and the monthly fee of EUR 150 referred to in paragraph 1(a) shall be paid by all other members of the group. If an AL group is part of a CAI group, and the AL group manager is the same as the CAI group manager, the monthly fee of EUR 1 875 shall only be paid once. If the AL group is a part of a CAI group and the CAI group manager is different from the AL group manager, then the CAI group manager shall pay an additional monthly fee of EUR 1 875. In such cases the invoice for the total fees for all the accounts in the CAI group (including the AL group accounts) shall be sent to the CAI group manager.

Fees for Main PM account holders

12. In addition to the fees set out above in this Annex, a monthly fee of EUR 250 for each linked T2S DCA shall be charged to Main PM account holders.
13. The Main PM account holders shall be charged the following fees for T2S services connected with the linked T2S DCA(s). These items shall be billed separately.

Tariff items	Price	Explanation
Settlement services		
T2S DCA to T2S DCA liquidity transfer orders	14,1 euro-cent	per transfer
Intra-balance movement (i.e. blocking, unblocking, reservation of liquidity etc)	9,4 eurocent	per transaction
Information services		
A2A reports	0,4 eurocent	Per business item in any A2A report generated
A2A queries	0,7 eurocent	Per queried business item in any A2A query generated
U2A queries	10 eurocent	Per executed search function
U2A queries downloaded	0,7 euro cent	Per queried business item in any U2A query generated and downloaded
Messages bundled into a file	0,4 eurocent	Per message in a file
Transmissions	1,2 eurocent	Per transmission

Fees for Linked PM account holders

13a. The holder of the Linked PM account shall be charged the following fees for the TIPS service connected with the TIPS DCAs linked to that PM account.

Tariff items	Price	Explanation
<i>Settlement services</i>		
Instant payment order	0,20 euro cent	To be charged also for unsettled transactions
Recall request	0,00	
Negative recall answer	0,00	
Positive recall answer	0,20 euro cent	To be charged to the holder of the Linked PM account associated with the TIPS DCA to be credited (also for unsettled transactions)

13b. Up to the first ten million instant payment orders and positive recall answers, cumulatively, received by the TIPS Platform by the end of 2019, shall be free of charge. The Bank of Finland shall charge Linked PM account holders for any further instant payment orders and positive recall answers received by the TIPS Platform by the end of 2019, in the following year

Invoicing

14. In the case of direct participants, the following invoicing rules apply. The direct participant (the AL group or CAI group manager in the event that the AL or CAI modes are used) shall receive the relevant invoices for the previous month specifying the fees to be paid, no later than on the ninth business day of the following month. Payment shall be made no later than the 14th business day of that month to the account specified by the Bank of Finland or shall be debited from an account specified by the PM account holder. (Amendment 30.11.2018)

Annex VII

AGGREGATED LIQUIDITY AGREEMENT – VARIANT A

Template for use of the AL mode by more than one credit institution

Between, on the one hand:

[participant], holder of PM account(s) No [.....], with [insert name of CB]
represented by [.....], acting as
[.....],

[participant], holder of PM account(s) No [.....], with [insert name of CB]
represented by [.....], acting as
[.....],

[participant], holder of PM account(s) No [.....], with [insert name of CB]
represented by [.....], acting as
[.....],

(hereinafter the 'AL group members')

and on the other hand,

[insert name of AL NCB]

[insert name of AL NCB]

[insert name of AL NCB]

(hereinafter the 'AL NCBs')

(AL group members and AL NCBs hereinafter collectively referred to as the 'Parties')

Whereas:

1. TARGET2 is legally structured as a multiplicity of payment systems, each of which is designated as a system under the relevant national legislation implementing Directive 98/26/EC of the European Parliament and of the Council of 19 May 1998 on settlement finality in payment and securities settlement systems².
2. Participants in one or more TARGET2 component systems may, under certain conditions laid down in the respective conditions for participation in TARGET2 component systems,

² OJ L 166, 11.6.1998, p. 45.

set up an AL group, whereby the liquidity on the PM accounts of the AL group members is aggregated.

3. Aggregation of liquidity enables the AL group members to settle payment orders for an amount exceeding the available liquidity on their respective PM accounts, provided that the total value of all such payment orders never exceeds the aggregate amount of the available liquidity on all such PM accounts. The resulting debit position on one or more of these PM accounts constitutes intraday credit, the provision of which is governed by the respective national arrangements, subject to the modifications described in this agreement; in particular, such debit position is collateralised with the available liquidity on the PM accounts of other AL group members.
4. The effect of this mechanism is in no way to merge the various PM accounts, which, subject to the limitations described in this agreement, continue to be exclusively held by their respective holders.
5. Such a mechanism aims to avoid the fragmentation of liquidity in the different TARGET2 component systems and simplify the liquidity management within a group of credit institutions.
6. This mechanism improves the overall efficiency of settlement of payments in TARGET2.
7. [Participant], [participant] and [participant] are respectively connected to TARGET2-[insert CB/country reference], TARGET2-[insert CB/country reference], and TARGET2-[insert CB/country reference] and are bound by the [insert reference to the arrangement(s) implementing the Harmonised Conditions] of [insert relevant dates],

Now, therefore, the Parties agree the following:

Article 1 Effectiveness of this agreement

This agreement and any amendment made hereto shall only be effective when the managing NCB, after having obtained any information or documents that it deems appropriate, confirms in writing that this agreement or amendments thereto comply with the requirements laid down in the respective conditions for participation in the TARGET2 component systems.

Article 2 Mutual interest of AL group members and of AL NCBs

1. The AL group members expressly declare and acknowledge that their entry into this agreement serves their mutual economic, social and financial interests since the payment orders of all AL group members may be settled in their respective TARGET2 component systems, up to an amount corresponding to the available liquidity on all the AL group members' PM accounts, thereby leveraging the liquidity available in other TARGET2 component systems.
2. The AL NCBs have a mutual interest in providing intraday credit to the AL group members, as this promotes the overall efficiency of settling payments in TARGET2. The intraday credit is collateralised in accordance with Article 18 of the Statute of the European System of Central Banks and of the European Central Bank since the debit balance resulting from the execution of a payment order is covered by the available liquidity on the PM accounts held by the other AL group members with their respective AL NCBs, which are collateralised for the discharge of the obligations owed by any of the AL group members to the AL NCBs.

Article 3 AL group members' rights and obligations

1. AL group members shall be jointly and severally liable towards all AL NCBs in relation to all claims resulting from the settlement in their respective TARGET2 component system of the payment order of any AL group member. AL group members shall not be entitled to rely on any internal group arrangements on the division of liabilities to avoid any liability to the AL NCBs in relation to the aggregation of all abovementioned liabilities.
2. The total value of all payment orders settled by the AL group members on their PM accounts may never exceed the aggregate amount of all available liquidity on all such PM accounts.
3. AL group members shall be authorised to use the CAI mode, as described in the [insert the reference to the arrangement(s) implementing the Harmonised Conditions].
4. The AL group members shall ensure that there is an internal agreement between them containing inter alia:
 - a) the rules of internal organisation of the AL group;
 - b) the conditions under which the AL group manager has a duty to report to the AL group members;
 - c) the costs of the AL mode (including their allocation between AL group members); and
 - d) the fees to be paid as remuneration between the AL group members for the services under the AL agreement and the rules for calculating the financial consideration.

With the exception of subparagraph (d), the AL group members may decide whether or not to disclose this internal agreement or parts of it to the AL NCBs. The AL group members shall disclose information referred to in subparagraph (d) to the AL NCBs.

Article 4 AL NCBs' rights and obligations

1. When an AL group member submits a payment order to its respective TARGET2 component system for an amount exceeding the available liquidity on that AL group member's PM account, its respective AL NCB shall extend intraday credit that is collateralised with the available liquidity on other PM accounts held by the AL group member with its respective AL NCB or on the PM accounts held by the other AL group members with their respective AL NCBs. Such intraday credit shall be governed by the rules applicable to the provision of intraday credit by such AL NCB.
2. Payment orders submitted by any of the AL group members which have the effect of exceeding the available liquidity on all PM accounts of the AL group members shall be queued until sufficient liquidity is available.
3. Except on the opening of insolvency proceedings against one or more AL group members, an AL NCB may claim from each of the AL group members the full discharge of all obligations resulting from the settlement of payment orders of any AL group member in the latter's TARGET2 component system.

Article 5 Designation and role of the AL group manager

1. The AL group members hereby designate as AL group manager [indicate the participant designated as AL group manager], which shall be the contact point for all administrative matters relating to the AL group.
2. All AL group members shall provide their respective AL NCB, as well as the AL group manager, with any information which may affect the validity, enforceability and implementation of this agreement, including, without limitation, any modification or ending of the links between the AL group members needed to comply with the definition of a group laid down in the [insert reference to the relevant provisions in the arrangement(s) implementing the Harmonised Conditions], the occurrence of any events of default within the meaning of the [insert reference to the arrangement(s) implementing the Harmonised Conditions] or any event which may affect the validity and/or enforceability of the [insert reference to the pledge, close-out netting provisions or any other relevant provisions of the arrangement(s) implementing the Harmonised Conditions].
3. The AL group manager shall immediately convey to the managing NCB any information described in paragraph 2 relating to itself or to any other AL group member.
4. The AL group manager shall be responsible in respect of intraday monitoring of the liquidity available within the AL group.
5. The AL group manager shall have power of attorney over the PM accounts of the AL group members and, in particular, shall act as agent of the AL group members in respect of the following operations:
 - a) any ICM operations in respect of the AL group members' PM accounts, including, but not limited to, any change in priority of a payment order, revocation, change of settlement time, liquidity transfers (including from and to sub-accounts), reordering of queued transactions, reservation of liquidity in respect of the AL group, and setting and changes of limits in respect of the AL group;
 - b) all end-of-day liquidity transactions between the PM accounts of the AL group members ensuring that all balances of the AL group members' PM accounts are levelled out, so that none of these accounts have a debit balance at the end of the day or, where applicable, a debit balance not secured by eligible collateral (hereinafter such procedure is referred to as 'levelling out');
 - c) general instructions according to which automatic levelling out shall be performed, i.e. defining the sequence of AL group members' PM accounts with available liquidity to be debited within the levelling out;
 - d) in the absence of any explicit instructions by the AL group manager, as set out in subparagraphs (b) and (c), automatic levelling out shall be performed starting with the PM account with the highest credit balance towards the PM account with the highest debit balance.

The same criteria as defined in subparagraphs (c) and (d) shall be used if an enforcement event, as defined in [insert reference to the relevant provisions in the arrangement(s) implementing the Harmonised Conditions], occurs.
6. The AL group members explicitly waive any rights they may have against the AL group manager under [insert, if applicable, a reference to the relevant provision of national law], resulting from the combination of such manager's capacity as a PM account holder and AL group member with its capacity as AL group manager.

Article 6 Role of the managing NCB

1. The managing NCB shall be the contact point for all administrative matters relating to the AL group.
2. All of the AL NCBs shall immediately provide the managing NCB with any information relating to their respective AL group member(s) which may affect the validity, enforceability and implementation of this agreement, including, but not limited to, any modification or ending of the links between the AL group members needed to comply with the definition of a group, the occurrence of any events of default within the meaning of the [insert reference to the arrangement(s) implementing the Harmonised Conditions] or events which may affect the validity and/or enforceability of the [insert reference to the pledge, close-out netting or any other relevant provisions of the arrangement(s) implementing the Harmonised Conditions].
3. The managing NCB shall have access to all relevant information in respect of all PM accounts of the AL group members, including, but not limited to, information in respect of any credit line, the balance, total turnover, settled payments, queued payments, as well as information on the AL group members' limits and liquidity reservations.

Article 7 Duration and termination of this agreement

1. This agreement shall be of unlimited duration.
2. Each of the AL group members may unilaterally terminate its participation in this agreement, provided it gives 14 business days' written notice to the AL NCB in whose TARGET2 component system it participates and to the managing NCB. The managing NCB shall confirm to that AL group member the date of its termination of participation in the AL agreement and shall communicate such date to all AL NCBs which shall inform their AL group members accordingly. If that AL group member was the AL group manager, the remaining AL group members shall immediately appoint a new AL group manager.
3. This agreement or the participation of any AL group member in this agreement, as the case may be, shall automatically be terminated without prior notice and with immediate effect if one or more of the following events occurs:
 - a) modification or ending of the links between all AL group members needed to comply with the definition of a group, as laid down in the [insert reference to the arrangement(s) implementing the Harmonised Conditions], or affecting one or more AL group members; and/or
 - b) any other requirements for using the AL mode, as described in the [insert reference to the arrangement(s) implementing the Harmonised Conditions] are no longer met by all AL group members, or one or more AL group members.
4. Notwithstanding the occurrence of any of the events described in paragraph 3, a payment order that has already been submitted by any AL group member into the relevant TARGET2 component system shall remain valid and enforceable in respect of all AL group members and the AL NCBs. [Insert if relevant: In addition, the [insert reference to pledge and/or close-out netting or other relevant security arrangement] shall remain valid after the termination of this agreement until all debit positions on the PM accounts whose liquidity was aggregated are fully discharged by the AL group members.]
5. Without prejudice to paragraph 3, the managing NCB, in agreement with the relevant AL NCB, may at any time terminate without prior notice and with immediate effect the participation of any AL group member in this agreement if such AL group member is in breach of any of the provisions hereof. Such decision shall be addressed in writing to all the AL group

members setting out the reasons for the decision. If participation is terminated in this way, the AL group members whose participation in this agreement has not been terminated are entitled to terminate their participation in this agreement provided that they give the managing NCB and the relevant AL NCB five business days' written notice thereof. If the AL group manager's participation is terminated, the remaining AL group members shall immediately appoint a new AL group manager.

6. The managing NCB, in agreement with the other AL NCBs, may terminate this agreement without prior notice and with immediate effect if the maintenance of it would endanger the overall stability, soundness and safety of TARGET2 or jeopardise the performance by the AL NCBs of their tasks pursuant to the Statute of the European System of Central Banks and of the European Central Bank. Any decision to do so shall be addressed in writing to the AL group members, setting out the reasons for the decision.
7. This agreement shall remain valid for as long as there are at least two AL group members.

Article 8 Amendment procedure

Any change to this agreement, including the extension of the AL group to other participants, shall only be valid and enforceable if expressly agreed to by all parties in writing.

Article 9 Governing law

This agreement shall be governed, construed and implemented in accordance with the [insert reference to the law governing the PM account of the AL group manager held with the managing NCB]. This shall be without prejudice to:

- a) the relationship between an AL group member and its respective AL NCB governed by the law of the respective AL NCB; and
- b) the rights and obligations between the AL NCBs governed by the law of the AL NCB which maintains the PM account of the AL group member whose available liquidity is used as collateral.

Article 10 Application of the [insert reference to the arrangement(s) implementing the Harmonised Conditions]

1. In relation to each of the AL group members and their respective AL NCBs, the relevant provisions of the [insert reference to the arrangement(s) implementing the Harmonised Conditions] shall govern any matter not expressly governed by this agreement.
2. [Insert reference to the arrangement(s) implementing the Harmonised Conditions] and this agreement shall be deemed to form part of the same contractual relationship.

Made, in as many copies as there are parties, the [...date....]

AGGREGATED LIQUIDITY AGREEMENT – VARIANT B

Template for use of the AL mode by one credit institution

Between, on the one hand: [name and address of a credit institution] represented by [.....], acting as

[participant], holder of PM account(s) No [.....], with [insert name of CB],

[participant], holder of PM account(s) No [.....], with [insert name of CB],

[participant], holder of PM account(s) No [.....], with [insert name of CB],

(the participants hereinafter mentioned as the 'AL group members')

and on the other hand,

[insert name of AL NCB]

[insert name of AL NCB]

[insert name of AL NCB]

(hereinafter the 'AL NCBs')

(AL group members and AL NCBs hereinafter collectively referred to as the 'Parties')

Whereas:

1. TARGET2 is legally structured as a multiplicity of payment systems, each of which is designated as a system under the relevant national legislation implementing Directive 98/26/EC of the European Parliament and of the Council of 19 May 1998 on settlement finality in payment and securities settlement systems³.
2. A credit institution with several PM accounts in one or more TARGET2 component systems may, under certain conditions laid down in the respective conditions for participation in TARGET2 component systems, set up an AL group, whereby the liquidity on such PM accounts of the AL group members is aggregated.
3. Aggregation of liquidity enables the AL group members to settle payment orders for an amount exceeding the available liquidity on one PM account, provided that the total value of all such payment orders never exceeds the aggregate amount of the available liquidity on all PM accounts of the AL group members. The resulting debit position on one or more of these PM accounts constitutes intraday credit, the provision of which is governed by the respective national arrangements, subject to the modifications described in this agreement; in particular, such debit position is collateralised with the available liquidity on all PM accounts of the AL group members.
4. The effect of this mechanism is in no way to merge the various PM accounts, which, subject to the limitations described in this agreement, continue to be separately held by the AL group members.

³ OJ L 166, 11.6.1998, p. 45.

5. Such a mechanism aims to avoid the fragmentation of liquidity in the different TARGET2 component systems and simplify the liquidity management of the AL group members.
6. This mechanism improves the overall efficiency of settlement of payments in TARGET2.
7. [Participant], [participant] and [participant] are respectively connected to TARGET2-[insert CB/country reference], TARGET2-[insert CB/country reference], and TARGET2-[insert CB/country reference] and are bound by the [insert reference to the arrangement(s) implementing the Harmonised Conditions] of [insert relevant dates],

Now, therefore, the Parties agree the following:

Article 1 Effectiveness of this agreement

This agreement and any amendment made hereto shall only be effective when the managing NCB, after having obtained any information or documents that it deems appropriate, confirms in writing that this agreement or amendments thereto comply with the requirements laid down in the respective conditions for participation in TARGET2 component systems.

Article 2 Mutual interest of AL NCBs

The AL NCBs have a mutual interest in providing intraday credit to the AL group members, as this promotes the overall efficiency of settling payments in TARGET2. The intraday credit is collateralised in accordance with Article 18 of the Statute of the European System of Central Banks and of the European Central Bank since the debit balance resulting from the execution of a payment order is covered by the available liquidity on the PM accounts held by the AL group members with their respective AL NCBs, which are collateralised for the discharge of the obligations owed by the AL group members to the AL NCBs.

Article 3 AL group members' rights and obligations

1. AL group members shall be liable towards all AL NCBs in relation to all claims resulting from the settlement in their respective TARGET2 component systems of the payment orders of any AL group member.
2. The total value of all payment orders settled by the AL group members on their PM accounts may never exceed the aggregate amount of the available liquidity on all such PM accounts.
3. The AL group members shall be authorised to use the consolidated account information (CAI) mode, as described in the [insert the reference to the arrangement(s) implementing the Harmonised Conditions].

Article 4 AL NCBs' rights and obligations

1. When the AL group member submits a payment order to a TARGET2 component system for an amount exceeding the available liquidity on that AL group member's PM account, the relevant AL NCB shall extend intraday credit that is collateralised with the available liquidity on other PM accounts held by the AL group member with its respective AL NCB or on PM accounts held by other AL group members with their respective AL NCBs. Such intraday credit shall be governed by the rules applicable to the provision of intraday credit by such AL NCBs.
2. Payment orders submitted by the AL group members which have the effect of exceeding the available liquidity on all PM accounts of the AL group members shall be queued until sufficient liquidity is available.

3. Each AL NCB may claim from the AL group members the full discharge of all obligations resulting from the settlement of payment orders of the AL group members in the TARGET2 component systems in which they hold PM accounts.

Article 5 Designation and role of the AL group manager

1. The AL group members hereby designate as AL group manager [indicate the participant designated as AL group manager], which shall be the contact point for all administrative matters relating to the AL group.
2. The AL group members shall provide the relevant AL NCBs with any information which may affect the validity, enforceability and implementation of this agreement, including, without limitation, the occurrence of any events of default within the meaning of the [insert reference to the relevant provisions in the arrangement(s) implementing the Harmonised Conditions] or any event which may affect the validity and/or enforceability of the [insert reference to the pledge, close-out netting provisions or any other relevant provisions of the arrangement(s) implementing the Harmonised Conditions].
3. The AL group manager shall immediately convey to the managing NCB any information described in paragraph 2.
4. The AL group manager shall be responsible in respect of intraday monitoring of the liquidity available within the AL group.
5. The AL group manager shall have power of attorney over all PM accounts of the AL group members and, in particular, shall conduct the following operations:
 - a) any ICM operations in respect of the AL group members' PM accounts, including, but not limited to, any change in priority of a payment order, revocation, change of settlement time, liquidity transfers (including from and to sub-accounts), reordering of queued transactions, reservation of liquidity in respect of the AL group, and setting and changes of limits in respect of the AL group;
 - b) all end-of-day liquidity transactions between the PM accounts of the AL group members ensuring that all balances of the AL group members' PM accounts are levelled out, so that none of these accounts have a debit balance at the end of the day or, where applicable, a debit balance not secured by eligible collateral (hereinafter such procedure is referred to as 'levelling out');
 - c) general instructions according to which an automatic levelling out shall be performed, i.e. defining the sequence of AL group members' PM accounts with available liquidity to be debited within the levelling out;
 - d) in the absence of any explicit instructions by the AL group manager, as set out in subparagraphs (b) and (c), an automatic levelling out shall be performed starting with the PM account with the highest credit balance towards the PM account with the highest debit balance.

The same criteria as defined in subparagraphs (c) and (d) shall be used if an enforcement event, as defined in [insert reference to the relevant provisions in the arrangement(s) implementing the Harmonised Conditions], occurs.

Article 6 Role of the managing NCB

1. The managing NCB shall be the contact point for all administrative matters relating to the AL group.
2. All of the AL NCBs shall immediately provide the managing NCB with any information relating to the AL group member which may affect the validity, enforceability and implementation of this agreement, including, but not limited to, the occurrence of any events of default within the meaning of the [insert reference to the relevant provisions in the arrangement(s) implementing the Harmonised Conditions] or events which may affect the validity and/or enforceability of the [insert reference to the pledge, close-out netting or any other relevant provisions of the arrangement(s) implementing the Harmonised Conditions].
3. The managing NCB shall have access to all relevant information in respect of all PM accounts of the AL group members, including, but not limited to, information in respect of any credit line, the balance, total turnover, settled payments, queued payments, as well as information on the AL group members' limits and liquidity reservations.

Article 7 Duration and termination of this agreement

1. This agreement shall be of unlimited duration.
2. Each of the AL group members may unilaterally terminate its participation in this agreement, provided it gives 14 business days' written notice to the AL NCB in whose TARGET2 component system it participates and to the managing NCB. The managing NCB shall confirm to the AL group member the date of its termination of participation in the AL agreement and shall communicate such date to all AL NCBs which shall inform their AL group members accordingly. If that AL group member was the AL group manager, the remaining AL group members shall immediately appoint a new AL group manager.
3. This agreement shall automatically be terminated without prior notice and with immediate effect if the requirements for using the AL mode, as described in the [insert reference to the arrangement(s) implementing the Harmonised Conditions] are no longer met.
4. Notwithstanding the occurrence of an event described in paragraph 3, a payment order that has already been submitted by the AL group member into the relevant TARGET2 component system shall remain valid and enforceable in respect of all AL group members and the AL NCBs. [Insert if relevant: In addition, the [insert reference to pledge and/or close-out netting or other relevant security arrangement] shall remain valid after the termination of this agreement until all debit positions on the PM accounts whose liquidity was aggregated are fully discharged by the AL group members.]
5. Without prejudice to paragraph 3, the managing NCB, in agreement with the AL NCBs, may at any time terminate this agreement if any AL group member is in breach of any of the provisions hereof. Such decision shall be addressed in writing to all the AL group members setting out the reasons for the decision.
6. The managing NCB, in agreement with the other AL NCBs, may terminate this agreement if the maintenance of it would endanger the overall stability, soundness and safety of TARGET2 or jeopardise the performance by the AL NCBs of their tasks pursuant to the Statute of the European System of Central Banks and of the European Central Bank. Any decision to terminate this agreement shall be addressed in writing to the AL group members, setting out the reasons for the decision.

Article 8 Amendment procedure

Any change to this agreement, including the extension of the AL group to other participants, shall only be valid and enforceable if expressly agreed to by all parties in writing.

Article 9 Governing law

This agreement shall be governed, construed and implemented in accordance with the [insert reference to the law governing the PM account of the AL group manager]. This shall be without prejudice to:

- a) the relationship between the AL group members and their respective AL NCBs governed by the law of the respective AL NCB; and
- b) the rights and obligations between the AL NCBs governed by the law of the AL NCB which maintains the PM account in which available liquidity is used as collateral.

Article 10 Application of the [insert reference to the arrangement(s) implementing the Harmonised Conditions]

1. In relation to each of the PM accounts of the AL group members, the relevant provisions of the [insert reference to the arrangement(s) implementing the Harmonised Conditions] shall govern any matter not expressly governed by this agreement.
2. The [insert reference to the arrangement(s) implementing the Harmonised Conditions] and this agreement shall be deemed to form part of the same contractual relationship.

Made, in as many copies as there are parties, the [...*date*....]

Annex VIII

SUPPLEMENTAL AND MODIFIED HARMONISED CONDITIONS FOR PARTICIPATION IN TARGET2 USING INTERNET-BASED ACCESS

Article 1 Scope

The Conditions set out in the Rules for TARGET2-Suomen Pankki apply to participants using internet-based access to access one or more PM accounts subject to the provisions of this Annex.

Article 2 Definitions

For the purposes of this Annex, in addition to the definitions laid down in the Rules for TARGET2-Suomen Pankki, the following definitions apply:

“**certification authorities**” means one or more NCBs designated as such by the Governing Council to act on behalf of the Eurosystem to issue, manage, revoke and renew electronic certificates,

“**electronic certificates**” or “**certificates**” means an electronic file, issued by the certification authorities, that binds a public key with an identity and which is used for the following: to verify that a public key belongs to an individual, to authenticate the holder, to check a signature from this individual or to encrypt a message addressed to this individual. Certificates are held on a physical device such as a smart card or USB stick, and references to certificates include such physical devices. The certificates are instrumental in the authentication process of the participants accessing TARGET2 through the internet and submitting payment messages or control messages,

“**certificate holder**” means a named, individual person, identified and designated by a TARGET2 participant as authorised to have internet-based access to the participant’s TARGET2 account. Their application for certificates will have been verified by the participant’s home NCB and transmitted to the certification authorities, which will in turn have delivered certificates binding the public key with the credentials that identify the participant,

“**internet-based access**” means that the participant has opted for a PM account that can only be accessed via the internet and the participant submits payment messages or control messages to TARGET2 by means of the internet,

“**internet service provider**” means the company or organisation, i.e. the gateway, used by the TARGET2 participant for the purpose of accessing their TARGET2 account using internet-based access.

For the purposes of this Annex the definition of “payment order” is amended as follows:

“**payment order**” means a credit transfer order, a liquidity transfer order or a direct debit instruction. (*Amendment 22.6.2015*)

Article 3 Inapplicable provisions

The following provisions of the Rules for TARGET2-Suomen Pankki shall not apply with regard to internet-based access:

Article 4(1)(c) and (2)(d); Article 5(2), (3) and (4); Articles 6 and 7; Article 11(8); Article 14(1)(a); Article 17(2); Articles 23 to 26; Article 45; and Annexes I, VI and VII.

Article 4 Supplemental and modified provisions

The following provisions of the Rules for TARGET2-Suomen Pankki shall apply with regard to internet-based access as modified below:

1. Article 2(1) is replaced by the following:

“1. The following Annexes and Appendices form an integral part of these Conditions and apply to participants accessing a PM account using internet-based access:

Appendix IA to Annex VIII: Technical specifications for the processing of payment orders for internet-based access

Appendix IIA to Annex VIII: Fee schedule and invoicing for internet-based access

Annex II: TARGET2 compensation scheme

Annex III: Terms of reference for capacity and country opinions

Annex IV, except paragraph 7(b) thereof: Business continuity and contingency procedures

Annex V: Operating schedule”

2. Article 3 is modified as follows:

(a) paragraph 1 is replaced by the following:

“1. TARGET2 provides real-time gross settlement for payments in euro, with settlement in central bank money across PM accounts.” *(Amendment 22.6.2015)*

(b) paragraph 2 is replaced by the following:

“2. The following payment orders are processed in TARGET2-Suomen Pankki:

(a) transactions directly resulting from or made in connection with Eurosystem monetary policy operations; *(Amendment 30.11.2018)*

(b) settlement of the euro leg of foreign exchange operations involving the Eurosystem;

(c) settlement of euro transfers resulting from transactions in cross-border large-value netting systems;

(d) settlement of euro transfers resulting from transactions in euro retail payment systems of systemic importance; and

(e) any other transactions in euro addressed to TARGET2 participants.” *(Amendment 30.11.2018)*

(c) the following paragraph 2a is inserted:

“2a. In the interests of clarity, for technical reasons, internet-based participants shall not be able to make PM to T2S DCA liquidity transfer orders nor PM to TIPS DCA liquidity transfer orders.” *(Amendment 30.11.2018)*



- d) paragraph 4 is replaced by the following:
- “4. The Bank of Finland is the provider of services under these Rules. Acts and omissions of the SSP-providing NCBs and/or of the certification authorities shall be considered acts and omissions of Bank of Finland for which it shall assume liability in accordance with Article 31 below. Participation pursuant to these Rules shall not create a contractual relationship between participants and the SSP-providing NCBs when the latter act in that capacity. Instructions, messages or information which a participant receives from, or sends to, the SSP in relation to the services provided under these Rules are deemed to be received from, or sent to, Bank of Finland, and” *(Amendment 22.6.2015)*
- e) paragraph 6 is replaced by the following:
- “6. Participation in TARGET2 takes effect via participation in a TARGET2 component system. These Rules describe the mutual rights and obligations of PM account holders in TARGET2-Suomen Pankki and the Bank of Finland. The rules on the processing of payment orders (Title IV) refer to all payment orders submitted or payments received by any PM account holder and shall apply subject to this Annex.” *(Amendment 22.6.2015)*
3. Article 4(2)(e) is replaced by the following:
- “(e) credit institutions or any of the entities of the types listed under subparagraphs (a) to (c), in both cases where these are established in a country with which the Union has entered into a monetary agreement allowing access by any of such entities to payment systems in the Union, subject to the conditions set out in the monetary agreement and provided that the relevant legal regime applying in the country is equivalent to the relevant Union legislation.”

4. Article 8 is modified as follows:

a) Paragraph (1)(a)(i) is replaced by the following:

“1. To open an internet-accessible PM account in TARGET2-Suomen Pankki, applicant participants shall:

a) fulfil the following technical requirements:

- (i) install, manage, operate and monitor and ensure the security of the necessary IT infrastructure to connect to TARGET2-Suomen Pankki and submit payment orders to it, in accordance with the technical specifications in Appendix IA to Annex VIII. In doing so, applicant participants may involve third parties, but retain sole liability; and”

b) The following paragraph (1)(c) is added:

- c) specify that they wish to access their PM account by means of the internet, and apply for a separate PM account in TARGET2 if they wish in addition to be able to access TARGET2 via the network service provider. Applicants shall submit a duly completed application form for the issuance of the electronic certificates needed to access TARGET2 through internet-based access.”

5. Article 9 is modified as follows:

a) Paragraph 3 is replaced by the following:

“3. Participants using internet-based access shall only be permitted to view the TARGET2 directory online and may not distribute it either internally or externally.”

b) Paragraph 5 is replaced by the following:

“5. Participants acknowledge that the Bank of Finland and other CBs may publish participants’ names and BICs.”

6. Article 10 is modified as follows:

a) Paragraphs 1 and 2 are replaced by the following:

“1. The Bank of Finland shall offer internet-based access described in Annex VIII. Save where otherwise provided in these Conditions or required by law, the Bank of Finland shall use all reasonable means within its power to perform its obligations under these Conditions, without guaranteeing a result.

2. Participants using internet-based access to TARGET2 shall pay the fees laid down in Appendix IIA to Annex VIII.”

b) The following paragraph 5 is added:

“5. Participants shall do both of the following:

- a) actively check, at regular intervals throughout each business day, all information made available to them on the ICM, in particular for information relating to important system events (such as messages regarding the settlement of ancillary systems) and events of exclusion or suspension of a participant. The Bank of Finland shall not be held responsible for any losses, direct or indirect, arising from a participant’s failure to make these checks; and
- b) at all times both ensure compliance with the security requirements specified in Appendix IA to Annex VIII, in particular with respect to the safekeeping of certificates, and maintain rules and procedures to ensure that certificate holders are aware of

their responsibilities with respect to the safeguarding of certificates.”

7. Article 11 is modified as follows:

a) The following paragraph 5a is added:

“5a. Participants are responsible for the timely update of forms for the issuance of electronic certificates needed to access TARGET2 using internet-based access and for the submission of new forms for the issuance of such electronic certificates to the Bank of Finland. Participants are responsible for verifying the accuracy of information relating to them that is entered into TARGET2-Suomen Pankki by the Bank of Finland.”

b) Paragraph 6 is replaced by the following:

“6. The Bank of Finland shall be deemed to be authorised to communicate to certification authorities any information relating to participants which the certification authorities may need.”

8. Article 12(3) is replaced by the following:

“3. The Bank of Finland shall make available a daily statement of accounts to any participant that has opted for such service.”

9. Article 13 is replaced by the following;

The following are classified as payment orders for the purposes of TARGET2:

(a) credit transfer orders;

(b) direct debit instructions received under a direct debit authorisation. Participants using Internet-based access shall not be able to send direct debit instructions from their PM account;

(c) liquidity transfer orders.”;(Amendment 22.6.2015)

10. Article 14(1)(b) is replaced by the following:

“(b) the payment message complies with the formatting rules and conditions of TARGET2-Suomen Pankki and passes the double-entry check described in Appendix IA to Annex VIII; and”

11. Article 16(2) is replaced by the following:

“2. Participants using internet-based access shall not be allowed to use the AL group functionality in respect of their internet-accessible PM account, or to combine that internet-accessible PM account with any other TARGET2 account they hold. Limits may only be set in relation to an AL group in its entirety. Limits shall not be set in relation to a single PM account of an AL group member.”

12. Article 18(3) is replaced by the following:

“3. When the Latest Debit Time Indicator is used, the accepted payment order shall be returned as non-settled if it cannot be settled by the indicated debit time. 15 minutes prior to the defined debit time, the instructing participant shall be informed via the ICM, rather than sent an automatic notification via the ICM. Instructing participant may also use the Latest Debit Time Indicator solely as a warning indicator. In such cases, the payment order concerned shall not be returned.”

13. Article 21(4) is replaced by the following:

“4. At the request of a payer, the Bank of Finland may decide to change the queue position of a highly urgent payment order (except for highly urgent payment orders in the context of

settlement procedures 5 and 6) provided that this change would not affect the smooth settlement by ancillary systems in TARGET2 or would not otherwise give rise to systemic risk.”

14. Article 28 is modified as follows:

a) Paragraph 1 is replaced by the following:

“1. Participants using internet-based access shall implement adequate security controls, in particular those specified in Appendix IA to Annex VIII, to protect their systems from unauthorised access and use. Participants shall be exclusively responsible for the adequate protection of the confidentiality, integrity and availability of their systems.”

b) Paragraph 4 is replaced by the following:

“4. Participants using internet-based access shall provide the Bank of Finland with their TARGET2 self-certification, and

c) the following paragraph 6 is added:

“6. Participants using internet-based access shall inform the Bank of Finland immediately of any event that may affect the validity of the certificates, in particular those events specified in Appendix IA to Annex VIII, including, without limitation, any loss or improper use.”
(Amendment 17.11.2019)

15. Article 29 is replaced by the following:

“Use of the ICM

1. The ICM:

- a) allows participants to input payments;
- b) allows participants to access information relating to their accounts and to manage liquidity;
- c) may be used to initiate liquidity transfer orders; and
- d) allows participants to access system messages.

2. Further technical details relating to the ICM to be used in connection with internet-based access are contained in Appendix IA to Annex VIII.”

16. Article 32 is modified as follows:

a) Paragraph 1 is replaced with the following:

“1. Unless otherwise provided in these Conditions, all payment and payment processing-related messages in relation to TARGET2, such as confirmations of debits or credits, or statement messages, between the Bank of Finland and participants shall be made available for the participant on the ICM.”

b) Paragraph 3 is replaced by the following:

“3. If a participant's connection fails, the participant shall use the alternative means of transmission of messages laid down in Annex IV. In such cases, the saved or printed version of the message produced by the Bank of Finland shall be accepted as evidence.” *(Changed 21.11.2011)*

17. Article 34(4)(c) is replaced by the following:

“(c) Once such an ICM broadcast message has been made available to participants using internet-based access, those participants shall be deemed informed of the termination/- suspension of a participant's participation in TARGET2-Suomen Pankki or another TARGET2

component system. The participants shall bear any losses arising from the submission of a payment order to participants whose participation has been suspended or terminated if such payment order was entered into TARGET2-Suomen Pankki after the ICM broadcast message was made available.”

18. Article 43(1) is replaced by the following:

“1. Participants shall be deemed to be aware of, and shall comply with, all obligations on them relating to legislation on data protection, prevention of money laundering and the financing of terrorism, proliferation-sensitive nuclear activities and the development of nuclear weapons delivery systems, in particular in terms of implementing appropriate measures concerning any payments debited or credited on their PM accounts. Prior to entering into a contractual relationship with an internet service provider, participants using internet-based access shall acquaint themselves with that internet service provider’s data retrieval policy.”

19. Article 44(1) is replaced by the following:

“1. Except where otherwise provided for in these Conditions, all notices required or permitted pursuant to these Conditions shall be sent by registered post, facsimile or otherwise in writing. Notices to the Bank of Finland shall be submitted to the head of the Payment and Settlement Division at the Bank of Finland, P. O. Box 160, FI-00101 Helsinki, Finland or to the BIC address SPFBFIHHXXX. Notices to the participant shall be sent to it at the address, fax number or its BIC address as the participant may from time to time notify to the Bank of Finland.”

20. Article 49 is replaced by the following:

“Severability

If any provision in these Conditions or Annex VIII is or becomes invalid, this shall not prejudice the applicability of all the other provisions of these Conditions or Annex VIII.”

Annex VIII, Appendix IA

TECHNICAL SPECIFICATIONS FOR THE PROCESSING OF PAYMENT ORDERS FOR INTERNET-BASED ACCESS

In addition to the Conditions, the following rules shall apply to the processing of payment orders using internet-based access:

1 Technical requirements for participation in TARGET2-Suomen Pankki regarding infrastructure, network and formats

1. Each participant using internet-based access must connect to the ICM of TARGET2 using a local client, operating system and internet browser as specified in the annex “Internet-based participation - System requirements for Internet access” to the User Detailed Functional Specifications (UDFS), with settings defined. Each participant’s PM account shall be identified by an eight- or 11-digit BIC. Furthermore, each participant shall pass a series of tests to prove its technical and operational competence before it may participate in TARGET2-Suomen Pankki.
2. For the submission of payment orders and the exchange of payment messages in the PM the TARGET2 platform BIC, TRGTXEPMLVP, will be used as the message sender/receiver. Payment orders sent to a participant using internet-based access should identify that receiving participant in the beneficiary institution field. Payment orders made by a participant using internet-based access will identify that participant as the ordering institution.
3. Participants using internet-based access shall use public key infrastructure services as specified in the “User Manual: Internet Access for the public-key certification service”.

2 Payment message types

1. Internet-based participants can make the following types of payments:
 - (a) customer payments, i.e. credit transfers for which the ordering and/or beneficiary customer are not financial institutions,
 - (b) customer payments STP, i.e. credit transfers for which the ordering and/or beneficiary customer are not financial institutions, executed in straight through processing mode,
 - (c) bank-to-bank transfers to request the movement of funds between financial institutions,
 - (d) cover payments to request the movement of funds between financial institutions related to an underlying customer credit transfer.

In addition, participants using internet-based access to a PM account can receive direct debit orders.

2. Participants shall comply with the field specifications, as defined in Chapter 9.1.2.2 of the UDFS, Book 1.
3. Field contents shall be validated at the level of TARGET2-Suomen Pankki in accordance with the UDFS requirements. Participants may agree among each other on specific rules regarding the field contents. However, in TARGET2-Suomen Pankki there shall be no specific checks as to whether participants comply with any such rules.
4. Participants using internet-based access may make cover payments via TARGET2, i.e. payments made by correspondent banks to settle (cover) credit transfer messages which

are submitted to a customer's bank by other, more direct means. Customer details contained in these cover payments shall not be displayed in the ICM.

3 Double-entry check

1. All payment orders shall pass a double-entry check, the aim of which is to reject payment orders that have been submitted more than once by mistake.
2. The following fields of the message types shall be checked:

Details	Part of the message	Field
Sender	Basic Header	BIC Address
Message Type	Application Header	Message Type
Receiver	Application Header	Destination Address
Transaction Reference Number (TRN)	Text Block	:20
Related Reference	Text Block	:21
Value Date	Text Block	:32
Amount	Text Block	:32

3. If all the fields described in subparagraph 2 in relation to a newly submitted payment order are identical to those in relation to a payment order that has already been accepted, the newly submitted payment order shall be returned.

4 Error codes

If a payment order is rejected, an abort notification shall be provided via the ICM indicating the reason for the rejection by using error codes. The error codes are defined in Chapter 9.4.2 of the UDFS.

5 Predetermined settlement times

1. For payment orders using the Earliest Debit Time Indicator, the codeword "/FROTIME/" shall be used.
2. For payment orders using the Latest Debit Time Indicator, two options shall be available.
 - (a) Codeword "/REJTIME/": if the payment order cannot be settled by the indicated debit time, the payment order shall be returned.
 - (b) Codeword "/TILTIME/": if the payment order cannot be settled by the indicated debit time, the payment order shall not be returned but shall be kept in the relevant queue.

Under both options, if a payment order with a Latest Debit Time Indicator is not settled 15 minutes prior to the time indicated therein, a notification shall automatically be provided via the ICM.

3. If the codeword "/CLSTIME/" is used, the payment shall be treated in the same way as a payment order referred to in subparagraph 2(b).

6 Settlement of payment orders in the entry disposition

1. Offsetting checks and, if appropriate, extended offsetting checks (both terms as defined in paragraphs 2 and 3) shall be carried out on payment orders entered into the entry disposition to provide quick, liquidity-saving gross settlement of payment orders.
2. An offsetting check shall determine whether the payee's payment orders that are at the front of the highly urgent or, if inapplicable, the urgent queue are available to be offset against the payer's payment order (hereinafter "offsetting payment orders"). If an offsetting payment order does not provide sufficient funds for the respective payer's payment order in the entry disposition, it shall be determined whether there is sufficient available liquidity on the payer's PM account.
3. If the offsetting check fails, the Bank of Finland may apply an extended offsetting check. An extended offsetting check determines whether offsetting payment orders are available in any of the payee's queues regardless of when they joined the queue. However, if in the queue of the payee there are higher priority payment orders addressed to other TARGET2 participants, the FIFO principle may only be breached if settling such an offsetting payment order would result in a liquidity increase for the payee.

7 Settlement of payment orders in the queue

1. The treatment of payment orders placed in queues depends on the priority class to which it was designated by the instructing participant.
2. Payment orders in the highly urgent and urgent queues shall be settled by using the offsetting checks described in paragraph 6, starting with the payment order at the front of the queue in cases where there is an increase in liquidity or there is an intervention at queue level (change of queue position, settlement time or priority, or revocation of the payment order).
3. Payments orders in the normal queue shall be settled on a continuous basis including all highly urgent and urgent payment orders that have not yet been settled. Different optimisation mechanisms (algorithms) are used. If an algorithm is successful, the included payment orders will be settled; if an algorithm fails, the included payment orders will remain in the queue. Three algorithms (1 to 3) shall be applied to offset payment flows. By means of Algorithm 4, settlement procedure 5 (as defined in Chapter 2.8.1 of the UDFS) shall be available for the settlement of payment instructions of ancillary systems. To optimise the settlement of highly urgent ancillary system transactions on participants' sub-accounts, a special algorithm (Algorithm 5) shall be used.
 - (a) Under Algorithm 1 ("all-or-nothing") the Bank of Finland shall, both for each relationship in respect of which a bilateral limit has been set and also for the total sum of relationships for which a multilateral limit has been set:
 - i. calculate the overall liquidity position of each TARGET2 participant's PM account by establishing whether the aggregate of all outgoing and incoming payment orders pending in the queue is negative or positive and, if it is negative, check whether it exceeds that participant's available liquidity (the overall liquidity position shall constitute the "total liquidity position"); and

- ii. check whether limits and reservations set by each TARGET2 participant in relation to each relevant PM account are respected.

If the outcome of these calculations and checks is positive for each relevant PM account, the Bank of Finland and other CBs involved shall settle all payments simultaneously on the PM accounts of the TARGET2 participants concerned.

(b) Under Algorithm 2 (“partial”) the Bank of Finland shall:

- i. calculate and check the liquidity positions, limits and reservations of each relevant PM account as under Algorithm 1; and
- ii. if the total liquidity position of one or more relevant PM accounts is negative, extract single payment orders until the total liquidity position of each relevant PM account is positive.

Thereafter, the Bank of Finland and the other CBs involved shall, provided there are sufficient funds, settle all remaining payments (except the extracted payment orders) simultaneously on the PM accounts of the TARGET2 participants concerned.

When extracting payment orders, the Bank of Finland shall start from the TARGET2 participant’s PM account with the highest negative total liquidity position and from the payment order at the end of the queue with the lowest priority. The selection process shall only run for a short time, to be determined by the Bank of Finland at its discretion.

(c) Under Algorithm 3 (“multiple”) the Bank of Finland shall:

- i. compare pairs of TARGET2 participants’ PM accounts to determine whether queued payment orders can be settled within the available liquidity of the two TARGET2 participants’ PM accounts concerned and within the limits set by them (by starting from the pair of PM accounts with the smallest difference between the payment orders addressed to each other), and the CB(s) involved shall book those payments simultaneously on the two TARGET2 participants’ PM accounts; and
- ii. if, in relation to a pair of PM accounts as described under point (i), liquidity is insufficient to fund the bilateral position, extract single payment orders until there is sufficient liquidity. In this case the CB(s) involved shall settle the remaining payments, except the extracted ones, simultaneously on the two TARGET2 participants’ PM accounts.

After performing the checks specified under subparagraphs (i) to (ii), the Bank of Finland shall check the multilateral settlement positions (between a participant’s PM account and other TARGET2 participants’ PM accounts in relation to which a multilateral limit has been set). For this purpose, the procedure described under subparagraphs (i) to (ii) shall apply *mutatis mutandis*.

(d) Under Algorithm 4 (“partial plus ancillary system settlement”) the Bank of Finland shall follow the same procedure as for Algorithm 2, but without extracting payment orders in relation to the settlement of an ancillary system (which settles on a simultaneous multilateral basis).

(e) Under Algorithm 5 (“ancillary system settlement via sub-accounts”) the Bank of Finland shall follow the same procedure as for Algorithm 1, subject to the modification that the Bank of Finland shall start Algorithm 5 via the Ancillary System Interface and shall only check whether sufficient funds are available on participants’ sub-accounts. Moreover, no limits and reservations shall be taken into account. Algorithm 5 shall also run during night-time settlement.

4. Payment orders entered into the entry disposition after the start of any of algorithms 1 to 4 may nevertheless be settled immediately in the entry disposition if the positions and limits of the TARGET2 participants' PM accounts concerned are compatible with both the settlement of these payment orders and the settlement of payment orders in the current optimisation procedure. However, two algorithms shall not run simultaneously.
5. During daytime processing the algorithms shall run sequentially. As long as there is no pending simultaneous multilateral settlement of an ancillary system, the sequence shall be as follows:
 - (a) algorithm 1,
 - (b) if algorithm 1 fails, then algorithm 2,
 - (c) if algorithm 2 fails, then algorithm 3, or if algorithm 2 succeeds, repeat algorithm 1.

When simultaneous multilateral settlement ("procedure 5") in relation to an ancillary system is pending, Algorithm 4 shall run.

6. The algorithms shall run flexibly by setting a pre-defined time lag between the application of different algorithms to ensure a minimum interval between the running of two algorithms. The time sequence shall be automatically controlled. Manual intervention shall be possible.
7. While included in a running algorithm, a payment order shall not be reordered (change of the position in a queue) or revoked. Requests for reordering or revocation of a payment order shall be queued until the algorithm is complete. If the payment order concerned is settled while the algorithm is running, any request to reorder or revoke shall be rejected. If the payment order is not settled, the participant's requests shall be taken into account immediately.

8

Use of the ICM

1. The ICM may be used for inputting payment orders.
2. The ICM may be used for obtaining information and managing liquidity.
3. With the exception of warehoused payment orders and static data information, only data in relation to the current business day shall be available via the ICM. The screens shall be offered in English only.
4. Information shall be provided in "pull" mode, which means that each participant has to ask to be provided with information. Participants shall check the ICM regularly throughout the business day for important messages.
5. Only user-to-application mode (U2A) shall be available for participants using internet-based access. U2A permits direct communication between a participant and the ICM. The information is displayed in a browser running on a PC. Further details are described in the ICM User Handbook.
6. Each participant shall have at least one workstation with internet access to access the ICM via U2A.
7. Access rights to the ICM shall be granted by using certificates, the use of which is described more fully in paragraphs 10 to 13.
8. Participants may also use the ICM to transfer liquidity:
 - (a) from their PM account to their account outside the PM;

- (b) between the PM account and the participant's sub-accounts; and
- (c) from the PM account to the technical account managed by an ancillary system using settlement procedure 6 real-time.. (*Amendment 13.11.2017*)

9 The UDFS, the ICM User Handbook and the “User Manual: Internet Access for the Public Key Certification Service”

Further details and examples explaining the above rules are contained in the UDFS and the ICM User Handbook, as amended from time to time and published on the Bank of Finland's website and the TARGET2 website in English, and in the “User Manual: Internet Access for the Public Key Certification Service”.

10 Issuance, suspension, reactivation, revocation and renewal of certificates

1. The participant shall request from Bank of Finland the issuance of certificates to allow them to access TARGET2-Suomen Pankki using internet-based access.
2. The participant shall request from Bank of Finland the suspension and reactivation of certificates, as well as the revocation and renewal of certificates, when a certificate holder no longer wishes to have access to TARGET2 or if the participant ceases its activities in TARGET2-Suomen Pankki (e.g. as the result of a merger or acquisition).
3. The participant shall adopt every precaution and organisational measure to ensure that certificates are used only in conformity with the Harmonised Conditions.
4. The participant shall promptly notify Bank of Finland of any material change to any of the information contained in the forms submitted to Bank of Finland in connection with the issuance of certificates.
5. The participant may have a maximum of five active certificates for each PM account. Upon request, the Bank of Finland may, at its discretion, apply for the issuance of further certificates from the certification authorities.

11 Handling of certificates by the participant

1. The participant shall ensure the safekeeping of all certificates and adopt robust organisational and technical measures to avoid injury to third parties and to ensure that each certificate is only used by the specific certificate holder to which it was issued.
2. The participant shall promptly provide all information requested by Bank of Finland and guarantee the reliability of that information. Participants shall at all times remain fully responsible for the continued accuracy of all information provided to Bank of Finland in connection with the issuance of certificates.
3. The participant shall assume full responsibility for ensuring that all of its certificate holders keep their assigned certificates separate from the secret PIN and PUK codes.
4. The participant shall assume full responsibility for ensuring that none of its certificate holders use the certificates for functions or purposes other than those for which the certificates were issued.
5. The participant shall immediately inform Bank of Finland of any request and rationale for suspension, reactivation, revocation or renewal of certificates.
6. The participant shall immediately request Bank of Finland to suspend any certificates, or the keys contained therein, that are defective or that are no longer in the possession of its certificate holders.

7. The participant shall immediately notify the Bank of Finland of any loss or theft of certificates.

12 Security Requirements

1. The computer system that a participant uses to access TARGET2 using internet-based access shall be located in premises owned or leased by the participant. Access to TARGET2-Suomen Pankki shall only be allowed from such premises, and, for the avoidance of doubt, no remote access shall be allowed.
2. The participant shall run all software on computer systems that are installed and customised in accordance with current international IT security standards, which as a minimum shall include the requirements detailed in paragraphs 12(3) and 13(4). The participant shall establish appropriate measures, including in particular anti-virus and malware protection, anti-phishing measures, hardening, and patch management procedures. All such measures and procedures shall be regularly updated by the participant.
3. The participant shall establish an encrypted communication link with TARGET2-Suomen Pankki for internet access.
4. User computer accounts in the participant's workstations shall not have administrative privileges. Privileges shall be assigned in accordance with the "least privilege" principle.
5. The participant shall at all times protect the computer systems used for TARGET2-Suomen Pankki internet access as follows:
 - (a) They shall protect the computer systems and workstations from unauthorised physical and network access, at all times using a firewall to shield the computer systems and workstations from incoming internet traffic, and the workstations from unauthorised access over the internal network. They shall use a firewall that protects against incoming traffic, as well as a firewall on workstations that ensures that only authorised programs communicate with the outside.
 - (b) Participants shall only be permitted to install on workstations the software that is necessary to access TARGET2 and that is authorised under the participant's internal security policy.
 - (c) Participants shall at all times ensure that all software applications that run on the workstations are regularly updated and patched with the latest version. This applies in particular in respect of the operating system, the internet browser and plug-ins.
 - (d) Participants shall at all times restrict outgoing traffic from the workstations to business-critical sites, as well as to sites required for legitimate and reasonable software updates.
 - (e) Participants shall ensure that all critical internal flows to or from the workstations are protected against disclosure and malicious changes, especially if files are transferred through a network.
6. The participant shall ensure that its certificate holders at all times follow secure browsing practices, including:
 - (a) reserving certain workstations to access sites of the same criticality level and only accessing those sites from those workstations;
 - (b) always restarting the browser session before and after accessing TARGET2-Suomen Pankki internet access;

- (c) verifying any server's SSL certificate authenticity at each logon to TARGET2-Suomen Pankki internet access;
 - (d) being suspicious of e-mails that appear to come from TARGET2-Suomen Pankki, and never providing the certificate's password if asked for that password, as TARGET2-Suomen Pankki will never ask for a certificate's password in an e-mail or otherwise.
7. The participant shall at all times implement the following management principles to alleviate risks to its system:
- (a) establishing user management practices which ensure that only authorised users are created and remain on the system and maintaining an accurate and up-to-date list of authorised users;
 - (b) reconciling daily payment traffic to detect mismatches between authorised and actual daily payment traffic, both sent and received;
 - (c) ensuring that a certificate holder does not simultaneously browse any other internet site at the same time as it accesses TARGET2-Suomen Pankki.

13 Additional security requirements

1. The participant shall at all times ensure by means of appropriate organisational and/or technical measures that user IDs disclosed for the purpose of controlling access rights (Access Right Review) are not abused, and, in particular, that no unauthorised persons gain knowledge of them.
2. The participant shall have in place a user administration process to ensure the immediate and permanent deletion of the related user ID in the event that an employee or other user of a system on the premises of a participant leaves the participant's organisation.
3. The participant shall have in place a user administration process and shall immediately and permanently block user IDs that are in any way compromised, including in cases where certificates are lost or stolen, or where a password has been phished.
4. If a participant is unable to eliminate security-related faults or configuration errors (e.g. resulting from malware infected systems) after three occurrences, the SSP-providing CBs may permanently block all the participant's user IDs.



Annex VIII, Appendix IIA

FEE SCHEDULE AND INVOICING FOR INTERNET-BASED ACCESS

Fees for direct participants

1. The monthly fee for the processing of payment orders in TARGET2-Suomen Pankki for direct participants shall be EUR 70 per PM account internet access fee plus EUR 150 per PM account plus a flat fee per transaction (debit entry) of EUR 0,80; *(Amended 1 January 2013)*
2. There shall be an additional monthly fee for direct participants who do not wish the BIC of their account to be published in the TARGET2 directory of EUR 30 per account.
3. The Bank of Finland shall issue and maintain up to five active certificates per participant for each PM account free of charge. The Bank of Finland shall charge a fee of EUR 120 for the issuance of a sixth and for each subsequent active certificate. The Bank of Finland shall charge an annual maintenance fee of EUR 30 for the sixth and for each subsequent active certificate. Active certificates shall be valid for five years. *(Amendment 15.4.2016)*

Invoicing

4. In the case of direct participants, the following invoicing rules apply. The direct participant shall receive the invoice for the previous month specifying the fees to be paid, no later than on the ninth business day of the following month. Payment shall be made no later than the 14th business day of that month to the account specified by the Bank of Finland or shall be debited from an account specified by the participant *(Amendment 30.11.2018)*

Annex IX

SETTLEMENT PROCEDURES FOR ANCILLARY SYSTEMS

1. Definitions

For the purposes of this Annex and further to the definitions in Article 2:

“**credit instruction**” means a payment instruction submitted by an ancillary system and addressed to the ASCB to debit one of the accounts kept and/or managed by the ancillary system in the PM, and to credit a settlement bank’s PM account or sub-account by the amount specified therein,

“**debit instruction**” means a payment instruction addressed to the SCB and submitted by an ancillary system to debit a settlement bank’s PM account or sub-account by the amount specified therein, on the basis of a debit mandate, and to credit either one of the ancillary system’s accounts in the PM or another settlement bank’s PM account or sub-account,

“**payment instruction**” or “ancillary system payment instruction” means a credit instruction or a debit instruction,

“**ancillary system central bank (ASCB)**” means the Eurosystem CB with which the relevant ancillary system has a bilateral arrangement for the settlement of ancillary system payment instructions in the PM,

“**settlement central bank (SCB)**” means a Eurosystem CB holding a settlement bank’s PM account,

“**settlement bank**” means a participant whose PM account or sub-account is used to settle ancillary system payment instructions,

“**Information and Control Module (ICM)**” means the SSP module that allows PM account holders to obtain on-line information and gives them the possibility to submit liquidity transfer orders, manage liquidity and, if applicable, initiate backup payment orders or payment orders to the Contingency Solution in contingency, (*Amendment 17.11.2019*)

“**ICM broadcast message**” means information made simultaneously available to all or a selected group of PM account holders via the ICM,

“**debit mandate**” means an authorisation by a settlement bank in the form provided by the Eurosystem CBs in the static data forms addressed to both its ancillary system and its SCB, entitling the ancillary system to submit debit instructions, and instructing the SCB to debit the settlement bank’s PM account or sub-account as a result of debit instructions,

“**short**” means owing money during the settlement of ancillary system payment instructions,

“**long**” means being owed money during the settlement of ancillary system payment instructions,

“**cross-system settlement**” means the real-time settlement of debit instructions under which payments are executed from a settlement bank of one ancillary system using settlement procedure 6 to a settlement bank of another ancillary system using settlement procedure 6,

“**Static Data (Management) Module**” means the SSP module in which static data are collected and recorded,

“**technical account**” means a specific account held in the PM by an ancillary system or held by the ASCB on an ancillary system’s behalf in its TARGET2 component system for use by the ancillary system.

“**Contingency Solution**” means the SSP functionality that processes very critical and critical payments in contingency, (*Amendment 17.11.2019*)

2. Role of SCBs

Each Eurosystem CB shall act as the SCB in relation to any settlement bank for which it holds a PM account.

3. Management of relationship between CBs, ancillary systems and settlement banks

- (1) The ASCBs shall ensure that the ancillary systems with which they have bilateral arrangements provide a list of settlement banks containing the settlement banks’ PM account details, which the ASCB shall store in the Static Data (Management) Module of the SSP. Any ancillary system may access the list of its respective settlement banks via the ICM.
- (2) The ASCBs shall ensure that the ancillary systems with which they have bilateral arrangements inform them without delay of any changes with regard to the list of settlement banks. The ASCBs shall inform the relevant SCB regarding any such changes via an ICM broadcast message.
- (3) The ASCBs shall ensure that the ancillary systems with which they have bilateral arrangements collect the debit mandates and other relevant documents from their settlement banks and submit them to the ASCB. Such documents shall be provided in English and/or the ASCB’s relevant national language(s). If the ASCB’s national language(s) is/are not identical to the SCB’s national language(s), the necessary documents shall be provided in English only or both in English and in the ASCB’s relevant national language(s). In the case of ancillary systems that settle via TARGET2-ECB, the documents shall be provided in English.

- (4) If a settlement bank is a participant in the relevant ASCB's TARGET2 component system, the ASCB shall verify the validity of the debit mandate given by the settlement bank and make any necessary entries in the Static Data (Management) Module. If a settlement bank is not a participant in the relevant ASCB's TARGET2 component system, the ASCB shall forward the debit mandate (or an electronic copy thereof, if so agreed between the ASCB and SCB) to the relevant SCBs for verification of its validity. The SCBs shall perform such verification and shall inform the relevant ASCB of the outcome of verification within five business days after receipt of such request. After verification, the ASCB shall update the list of settlement banks in the ICM.
- (5) The verification undertaken by the ASCB shall be without prejudice to the ancillary system's responsibility to restrict payment instructions to the list of settlement banks referred to in subparagraph 1.
- (6) Unless they are one and the same, the ASCBs and SCBs shall exchange information regarding any significant event during the settlement process.
- (7) The ASCBs shall ensure that the ancillary systems with which they have bilateral arrangements provide the name and the BIC of the ancillary system with which they intend to execute cross-system settlement and the date from which cross-system settlement with a particular ancillary system should begin or stop. This information shall be recorded in the Static Data (Management) Module.

4. Initiation of payment instructions via the ASI

- (1) All payment instructions submitted by an ancillary system via the ASI shall be in the form of XML messages.
- (2) All payment instructions submitted by an ancillary system via the ASI shall be considered as “highly urgent” and shall be settled in accordance with the rules for TARGET2 .
- (3) A payment instruction shall be deemed accepted if:
 - (a) the payment instruction complies with the rules established by the TARGET2 network service provider;
 - (b) the payment instruction complies with the formatting rules and conditions of the ASCB's TARGET2 component system;
 - (c) the settlement bank is on the list of settlement banks referred to in paragraph 3(1);
 - (d) in the case of a cross-system settlement, the relevant ancillary system is on the list of ancillary systems with which cross-system settlement may be executed;
 - (e) in the event that a settlement bank's participation in TARGET2 has been suspended, the explicit consent of the SCB of the suspended settlement bank has been obtained.

5. Entry of payment instructions into the system and their irrevocability

- (1) Credit instructions shall be deemed to be entered in the relevant TARGET2 component system at the moment that they are accepted by the ASCB and shall be irrevocable from that moment. Debit instructions shall be deemed to be entered in the relevant TARGET2 component system at the moment that they are accepted by the SCB and shall be irrevocable from that moment.
- (2) The application of subparagraph 1 shall not have any effect on any rules of ancillary systems which stipulate a moment of entry into the ancillary system and/or irrevocability of transfer orders submitted to such ancillary system at a point in time earlier than the moment of entry of the respective payment instruction in the relevant TARGET2 component system.

6. Settlement procedures

- (1) If an ancillary system requests the use of a settlement procedure, the ASCB concerned shall offer one or more of the settlement procedures specified below.
 - (a) settlement procedure 2 (real-time settlement),
 - (b) settlement procedure 3 (bilateral settlement),
 - (c) settlement procedure 4 (standard multilateral settlement),
 - (d) settlement procedure 5 (simultaneous multilateral settlement),
 - (e) settlement procedure 6 (dedicated liquidity, real-time and cross-system settlement).
- (2) Settlement procedure 1 (liquidity transfer) is no longer offered.
- (3) The SCBs shall support the settlement of ancillary system payment instructions in accordance with the choice of settlement procedures referred to in subparagraph 1 by, inter alia, settling payment instructions on the settlement banks' PM accounts or sub-accounts.

- (4) Further details relating to the settlement procedures referred to in subparagraph 1 are contained in paragraphs 10 to 14.

7. No obligation to open PM account

Ancillary systems shall not be obliged to become direct participants in a TARGET2 component system or to maintain a PM account while using the ASI.

8. Accounts to support settlement procedures

- (1) In addition to PM accounts, the following types of accounts may be opened in the PM and used by ASCBs, ancillary systems and settlement banks for the settlement procedures referred to in paragraph 6(1):
- (a) technical accounts;
 - (b) guarantee fund accounts;
 - (c) sub-accounts.
- (2) When an ASCB offers settlement procedure 4, 5 or 6 for interfaced models, it shall open a technical account in its TARGET2 component system for the ancillary systems concerned. Such accounts may be offered by the ASCB as an option for settlement procedures 2 and 3. Separate technical accounts shall be opened in respect of settlement procedures 4 and 5. For settlement procedure 3, 4, 5 or 6 for interfaced models, the balance on technical accounts shall be zero or positive at the end of the relevant ancillary system's settlement process and the end-of-day balance shall be zero. Technical accounts are identified by either the BIC of the ancillary system or the relevant ASCB's BIC.
- (3) When offering settlement procedure 6 real-time an ASCB shall open technical accounts in its TARGET2 component system. Technical accounts for settlement procedure 6 real-time may only have a zero or positive balance during the day and may maintain a positive balance overnight. Any overnight balance on the account shall be subject to the same remuneration rules that apply to Guarantee Funds under Article 11 of TARGET2-Guideline.
- (4) When offering settlement procedure 4 or 5, an ASCB may open a guarantee fund account in its TARGET2 component system for ancillary systems. The balances of these accounts shall be used to settle the ancillary system's payment instructions in the event that there is no available liquidity on the settlement bank's PM account. Guarantee fund account holders may be ASCBs, ancillary systems or guarantors. Guarantee fund accounts are identified by the relevant account holder's BIC.
- (5) When settlement procedure 6 is offered by an ASCB for interfaced models, SCBs shall open one or more sub-accounts in their TARGET2 component systems for settlement banks, to be used for dedicating liquidity and, if relevant, cross-system settlement. Sub-accounts shall be identified by the BIC of the PM account to which they relate, in combination with an account number that is specific to the relevant sub-account. The account number is composed of the country code plus up to 32 characters (depending on the relevant national bank account structure).
- (6) The accounts referred to in subparagraph 1(a) to (c) shall not be published in the TARGET2 directory. If so requested by the PM account holder, the relevant statements of accounts (MT 940 and MT 950) for all such accounts may be provided to the account holder at the end of every business day.
- (7) The detailed rules on the opening of the account types mentioned in this paragraph and on their application while supporting the settlement procedures may be further specified in bilateral arrangements between the ancillary systems and ASCBs.

9. Settlement procedure 1 — Liquidity transfer

This procedure is no longer offered.

10. Settlement procedure 2 — Real-time settlement

- (1) When offering settlement procedure 2, the ASCBs and SCBs shall support the settlement of the cash leg of ancillary system transactions by settling payment instructions submitted by the ancillary system on an individualised basis, rather than in batches. If a payment instruction to debit a short settlement bank's PM account is queued in line with the rules for TARGET2, the SCB concerned shall inform the settlement bank via an ICM broadcast message.
- (2) Settlement procedure 2 may also be offered to the ancillary system for the settlement of multilateral balances and in such cases the ASCB shall open a technical account for such ancillary system. Furthermore, the ASCB shall not offer the ancillary system the service of properly managing the sequence of incoming and outgoing payments as may be required for such multilateral settlement. The ancillary system itself shall assume responsibility for the necessary sequencing.
- (3) The ASCB may offer the settlement of payment instructions within certain time limits to be defined by the ancillary system, as referred to in paragraph 15(2) and (3).
- (4) The settlement banks and ancillary systems shall have access to information via the ICM. The ancillary systems shall be notified on completion or failure of the settlement by a message on the ICM. If they so request, settlement banks accessing TARGET2 via the TARGET2 network service provider shall be notified of successful settlement via a SWIFT MT 900 or MT 910 message. PM account holders using internet-based access shall be informed by a message on the ICM.

11. Settlement procedure 3 — Bilateral settlement

- (1) When offering settlement procedure 3, the ASCBs and SCBs shall support settlement of the cash leg of ancillary system transactions by settling payment instructions which the ancillary system submits in batch mode. If a payment instruction to debit a short settlement bank's PM account is queued in line with the rules for TARGET2, the SCB concerned shall inform the settlement bank via an ICM broadcast message.
- (2) Settlement procedure 3 may also be offered to the ancillary system for the settlement of multilateral balances. Paragraph 10(2) shall apply *mutatis mutandis*, subject to the modifications that:
 - (a) payment instructions: (i) to debit the short settlement banks' PM accounts and credit the ancillary system's technical account; and (ii) to debit the ancillary system's technical account and credit the long settlement banks' PM accounts are submitted in separate files; and
 - (b) the long settlement banks' PM accounts shall be credited only after all short settlement banks' PM accounts are debited.
- (3) If multilateral settlement fails (for example, because not all collections from short settlement banks' accounts are successful), the ancillary system shall submit payment instructions in order to reverse already settled debit transactions.
- (4) The ASCBs may offer:
 - (a) the settlement of payment instructions within certain time limits defined by the ancillary system, as referred to in paragraph 15(3); and/or

- (b) the “information period” functionality, as referred to in paragraph 15(1).
- (5) The settlement banks and ancillary systems shall have access to information via the ICM. The ancillary systems shall be notified on completion or failure of the settlement based on the selected option – single or global notification. If they so request, settlement banks shall be notified of successful settlement via a SWIFT MT 900 or MT 910 message. PM account holders using internet-based access shall be informed by a message on the ICM.

12. Settlement procedure 4 — Standard multilateral settlement

- (1) When offering settlement procedure 4, the ASCBs and SCBs shall support the settlement of multilateral cash balances of ancillary system transactions by settling payment instructions submitted by the ancillary system in batch mode. The ASCBs shall open a specific technical account for such an ancillary system.
- (2) The ASCBs and SCBs shall ensure the required sequencing of payment instructions. They shall only book credits if all debits have been collected successfully. Payment instructions: (a) to debit short settlement banks’ accounts and credit the ancillary system’s technical account; and (b) to credit long settlement banks’ accounts and debit the ancillary system’s technical account are submitted in a single file.
- (3) Payment instructions to debit the short settlement banks’ PM account and to credit the ancillary system’s technical account will be settled first; only upon settlement of all such payment instructions (including possible funding of the technical account by a guarantee fund mechanism) will the PM accounts of the long settlement banks be credited.
- (4) If a payment instruction to debit a short settlement bank’s PM account is queued in line with the rules for TARGET2 , the SCBs shall inform such settlement bank via an ICM broadcast message.
- (5) If a short settlement bank has insufficient funds on its PM account, a guarantee fund mechanism shall be activated by the ASCB if that is provided for in the bilateral arrangement between the ASCB and the ancillary system.
- (6) If no guarantee fund mechanism is provided for and the entire settlement fails, then the ASCBs and SCBs shall be deemed to have been instructed to return all payment instructions in the file and shall reverse payment instructions which have already been settled.
- (7) The ASCBs shall inform settlement banks of a settlement failure via an ICM broadcast message.
- (8) The ASCBs may offer:
 - (a) the settlement of payment instructions within certain time limits defined by the ancillary system, as referred to in paragraph 15(3);
 - (b) the “information period” functionality, as referred to in paragraph 15(1);
 - (c) a guarantee fund mechanism, as referred to in paragraph 15(4).
- (9) The settlement banks and ancillary systems shall have access to information via the ICM. Ancillary systems shall be notified on completion or failure of the settlement. If they so request, settlement banks shall be notified of successful settlement via a SWIFT MT 900 or MT 910 message. PM account holders using internet-based access shall be informed by a message on the ICM.

13. Settlement procedure 5 — Simultaneous multilateral settlement

- (1) When offering settlement procedure 5, the ASCBs and SCBs shall support the settlement of multilateral cash balances of ancillary system transactions by settling payment instructions submitted by the ancillary system. In order to settle relevant payment instructions Algorithm 4 shall be used (see Annex 1 to the rules for TARGET2). Unlike settlement procedure 4, settlement procedure 5 operates on an “all-or-nothing” basis. In this procedure the debiting of short settlement banks’ PM accounts and the crediting of long settlement banks’ PM accounts shall be done simultaneously (rather than sequentially, as in settlement procedure 4). Paragraph 12 shall apply *mutatis mutandis* subject to the following modification. If one or more of the payment instructions cannot be settled, all payment instructions shall be queued, and Algorithm 4, as described in paragraph 16(1), shall be repeated in order to settle the ancillary system’s payment instructions in the queue.
- (2) The ASCBs may offer:
 - (a) the settlement of payment instructions within certain time limits defined by the ancillary system, as referred to in paragraph 15(3);
 - (b) the “information period” functionality, as referred to in paragraph 15(1);
 - (c) a guarantee fund mechanism, as referred to in paragraph 15(4).
- (3) The settlement banks and ancillary systems shall have access to information via the ICM. The ancillary systems shall be notified on completion or failure of the settlement. If they so request, settlement banks shall be notified of successful settlement via a SWIFT MT 900 or MT 910 message. PM account holders using internet-based access shall be informed by a message on the ICM.
- (4) If a payment instruction to debit a short settlement bank’s PM account is queued in line with the rules for TARGET2 , the SCB concerned shall inform the settlement banks via an ICM broadcast message.

14. Settlement procedure 6 — dedicated liquidity, real-time and cross-system settlement

- (1) Settlement procedure 6 can be used for both the interfaced and the real-time model, as described in subparagraphs 4 to 12 and 13 to 16 below respectively. In the case of the real-time model, the relevant ancillary system has to use a technical account to collect the necessary liquidity set aside by its settlement banks for funding their positions. In the case of the interfaced model, the settlement bank has to open at least one sub-account relating to a specific ancillary system.
- (2) If they so request, the settlement banks shall be notified via a SWIFT MT 900 or MT 910 message and PM account holders using internet-based access shall be informed by a message on the ICM of the crediting and debiting of their PM accounts and, if applicable, of their sub-accounts.
- (3) When offering cross-system settlement under settlement procedure 6, the ASCBs and SCBs shall support cross-system settlement payments, if they are initiated by the relevant ancillary systems. For settlement procedure 6 interfaced, an ancillary system can only initiate cross-system settlement during its processing cycle, and settlement procedure 6 has to be running in the ancillary system receiving the payment instruction. For settlement procedure 6 real-time, an ancillary system can initiate cross-system settlement at any time during the TARGET2 daytime processing and settlement of night-time

ancillary system operations. The possibility to execute cross-system settlement between two individual ancillary systems shall be recorded in the Static Data (Management) Module.

(A) **Interfaced model**

- (4) When offering settlement procedure 6 interfaced, the ASCBs and SCBs shall support the settlement of bilateral and/or multilateral cash balances of ancillary system transactions by:
 - (a) enabling a settlement bank to pre-fund its prospective settlement obligation through liquidity transfers from its PM account into its sub-account (“dedicated liquidity”) prior to the ancillary system processing; and
 - (b) settling the ancillary system’s payment instructions subsequent to the completion of the ancillary system processing: in relation to short settlement banks by debiting their sub-accounts (within the limits of the funds provided on such accounts) and crediting the ancillary system’s technical account and in relation to long settlement banks by crediting their sub-accounts and debiting the ancillary system’s technical account.
- (5) When offering settlement procedure 6 interfaced:
 - (a) the SCBs shall open at least one sub-account in relation to a single ancillary system for each settlement bank; and
 - (b) the ASCB shall open a technical account for the ancillary system for: (i) crediting funds collected from the sub-accounts of the short settlement banks; and (ii) debiting funds when making credits to the dedicated sub-accounts of the long settlement banks.
- (6) Settlement procedure 6 interfaced shall be offered at any time during the TARGET2 daytime processing and settlement of night-time ancillary system operations. The new business day shall start immediately on fulfilment of the minimum reserve requirements; any debit or credit made on the relevant accounts thereafter shall be for value of the new business day.
- (7) Under settlement procedure 6 interfaced, the ASCBs and SCBs shall offer the following types of liquidity transfer service into and from the sub-account:
 - (a) standing orders which settlement banks may submit or modify at any time during a business day via the ICM (when it is available). Standing orders submitted after the sending of the “start-of- procedure” message on a given business day shall be valid only for the next business day. If there are several standing orders to credit different sub-accounts and/or the technical account of the ancillary system, they shall be settled in the order of their amount, starting with the highest. During night-time ancillary system operations, if there are standing orders for which there are insufficient funds on the PM account, such orders shall be settled following a pro rata reduction of all orders;
 - (b) current orders, which may only be submitted either by a settlement bank (via the ICM) or the relevant ancillary system via an XML message during the running of settlement procedure 6 interfaced (identified by the time span from the “start-of-procedure” to the “end-of-procedure” message) and which shall be settled only as long as the ancillary system processing cycle has not yet started. If there is a current order submitted by the ancillary system for which there are insufficient funds on the PM account, such order shall be partially settled;
 - (c) SWIFT orders that go via an MT 202 message or by automatic mapping to an MT202 from the screens for PM account holders using internet-based access,

which may only be submitted during the running of settlement procedure 6 interfaced and only during daytime processing. Such orders shall be settled immediately.

- (8) Settlement procedure 6 interfaced shall start by means of a “start-of-procedure” message and finish by means of an “end-of-procedure” message, which shall be sent by the ancillary system (or ASCB on its behalf). “Start-of-procedure” messages shall trigger the settlement of standing orders for the transfer of liquidity into the sub-accounts. The “end-of-procedure” message leads to an automatic retransfer of liquidity from the sub-account to the PM account.
- (9) Under settlement procedure 6 interfaced, dedicated liquidity on the sub-accounts shall be frozen as long as the ancillary system processing cycle is running (starting with a “start-of-cycle” message and ending with an “end-of-cycle” message, both to be sent by the ancillary system) and released thereafter. The frozen balance can be changed during the processing cycle as a result of cross-system settlement payments or if a settlement bank transfers liquidity from its PM account. The ASCB shall notify the ancillary system of the reduction or increase of liquidity on the sub-account as a result of cross-system settlement payments. If the ancillary system so requests, the ASCB shall also notify it of the increased liquidity on the sub-account as a result of liquidity transfer by the settlement bank.
- (10) Within each ancillary system processing cycle under settlement procedure 6 interfaced, payment instructions shall be settled out of dedicated liquidity whereby Algorithm 5 (as referred to in Annex 1 to the rules for TARGET2) shall be used as a rule.
- (11) Within each ancillary system processing cycle under settlement procedure 6 interfaced, a settlement bank’s dedicated liquidity can be increased by crediting certain incoming payments directly to its sub-accounts, i.e. coupons and redemption payments. In such cases, the liquidity first has to be credited on the technical account, then debited from such account before crediting the liquidity on the sub-account (or on the PM account).
- (12) Cross-system settlement between two interfaced ancillary systems can only be initiated by an ancillary system (or its ASCB on its behalf) whose participant’s sub-account is debited. The payment instruction is settled by debiting the amount indicated in the payment instruction from the sub-account of a participant of the ancillary system initiating the payment instruction and crediting the sub-account of a participant of another ancillary system.

The ancillary system initiating the payment instruction and the other ancillary system shall be notified on completion of the settlement. If they so request, settlement banks shall be notified of successful settlement via a SWIFT MT 900 or MT 910 message. PM account holders using internet-based access shall be informed by a message on the ICM.

(B) ***Real-time model***

- (13) When offering settlement procedure 6 real-time, the ASCBs and SCBs shall support such settlement.
- (14) Under settlement procedure 6 real-time, the ASCBs and SCBs shall offer the following types of liquidity transfer service into and from a technical account:
 - (a) standing orders (for night-time ancillary system operations), which settlement banks may submit or modify at any time during a business day via the ICM (when it is available). Standing orders submitted after start-of-day processing shall be valid only for the next business day. If there are several standing orders, they shall be settled in the order of their amount, starting with the highest. During night-time ancillary system operations, if there are standing orders for which there are

insufficient funds on the PM account, such orders shall be settled following a pro rata reduction of all orders;

- (b) current orders to credit the technical account, which may only be submitted either by a settlement bank (via the ICM) or by the relevant ancillary system on its behalf (via an XML message). If there is a current order submitted by the relevant ancillary system on behalf of the settlement bank for which there are insufficient funds on the PM account, such order shall be partially settled;
 - (c) current orders to debit the technical account, which may only be submitted by the relevant ancillary system (via an XML message);
- (15) SWIFT orders using MT 103 messages may not be submitted. (*Amendment 21.11.2021*)
- (16) The “start-of-procedure” and “end-of-procedure” will take place automatically upon completion of the “Start-of-day processing” and start of “End-of-day processing” respectively.
- (17) Cross-system settlement between two ancillary systems using the real-time model will take place without intervention by the ancillary system whose technical account will be credited. The payment instruction is settled by debiting the amount indicated in the payment instruction from the technical account used by the ancillary system initiating the payment instruction and crediting the technical account used by another ancillary system. The payment instruction cannot be initiated by the ancillary system whose technical account will be credited.

The ancillary system initiating the payment instruction and the other ancillary system shall be notified on completion of the settlement. If they so request, settlement banks shall be notified of successful settlement via a SWIFT MT 900 or MT 910 message. PM account holders using internet-based access shall be informed by a message on the ICM.

15. Optional connected mechanisms

- (1) The optional connected mechanism “information period” may be offered by the ASCBs for settlement procedures 3, 4 and 5. If the ancillary system (or its ASCB on its behalf) has specified an optional “information period” time, the settlement bank shall receive an ICM broadcast message indicating the time until which the settlement bank may request a reversal of the relevant payment instruction. Such request shall be taken into account by the SCB only if it is communicated via and approved by the ancillary system. The settlement shall start if the SCB does not receive such request until the “information period” time has elapsed. Upon receipt by the SCB of such request within the “information period”:
- (a) when settlement procedure 3 is used for bilateral settlement, the relevant payment instruction shall be reversed; and
 - (b) when settlement procedure 3 is used for the settlement of multilateral balances, or if in settlement procedure 4 the entire settlement fails, all payment instructions in the file shall be reversed and all settlement banks and the ancillary system shall be informed via an ICM broadcast message.
- (2) If an ancillary system sends the settlement instructions before the scheduled settlement time (“from”), the instructions are stored until the scheduled time is reached. In this case, the payment instructions are only submitted to the entry disposition when the “from” time is reached. This optional mechanism can be used in settlement procedure 2.

- (3) The settlement period (“till”) makes it possible to allocate a limited period of time for ancillary system settlement in order not to prevent or delay the settlement of other ancillary system-related or TARGET2 transactions. If any payment instruction is not settled until the “till” time is reached or within the defined settlement period, these payment instructions are either returned or, in the case of settlement procedures 4 and 5, the guarantee fund mechanism may be activated. The settlement period (“till”) can be specified for settlement procedures 2 to 5.
- (4) The guarantee fund mechanism may be used if a settlement bank’s liquidity is insufficient to cover its obligations stemming from ancillary system settlement. In order to allow the settlement of all payment instructions involved in an ancillary system settlement, this mechanism is used to provide the complementary liquidity needed. This mechanism may be used for settlement procedures 4 and 5. If the guarantee fund mechanism is to be used, it is necessary to maintain a special guarantee fund account where “emergency liquidity” is available or made available on demand.

16. Algorithms used

- (1) Algorithm 4 supports settlement procedure 5. To facilitate settlement and to reduce the liquidity needed, all ancillary system payment instructions are included (regardless of their priority). Ancillary system payment instructions to be settled following settlement procedure 5 bypass the entry disposition and are kept in the PM separately until the end of the current optimisation process. Several ancillary systems using settlement procedure 5 will be included in the same run of Algorithm 4 if they intend to settle at the same time.
- (2) In settlement procedure 6 interfaced, the settlement bank can dedicate a liquidity amount to settle balances coming from a specific ancillary system. Dedication is brought about by setting aside the necessary liquidity on a specific sub-account (interfaced model). Algorithm 5 is used both for night-time ancillary system operations and daytime processing. The settlement process takes place by means of debiting the short settlement banks’ sub-accounts in favour of the ancillary system technical account and then debiting the ancillary system technical account in favour of the long settlement banks’ sub-accounts. In the case of credit balances the booking can take place directly — if indicated by the ancillary system within the relevant transaction — on the settlement bank’s PM account. If the settlement of one or more debit instructions is unsuccessful, i.e. as the result of an ancillary system’s error, the payment concerned is queued on the sub-account. Settlement procedure 6 interfaced can make use of Algorithm 5 running on sub-accounts. Furthermore, Algorithm 5 does not have to take account of any limits or reservations. For every settlement bank the total position is calculated and, if all total positions are covered, all transactions will be settled. Transactions which are not covered are put back into the queue.

17. Effect of suspension or termination

If suspension or termination of the use of the ASI by an ancillary system takes effect during the settlement cycle of ancillary system payment instructions, the ASCB shall be deemed to be authorised to complete the settlement cycle on behalf of the ancillary system.

18. Fee schedule and invoicing

- (1) An ancillary system using the ASI or the Participant Interface, irrespective of the number of any accounts it may hold with the ASCB and/or the SCB, shall be subject to a fee schedule consisting of the following elements.
- (a) A fixed monthly fee of EUR 1 000 to be charged to each ancillary system (“Fixed Fee I”).
- (b) A second monthly fixed fee of between EUR 417 and EUR 8 334, in proportion to the underlying gross value of the ancillary system's euro cash settlement transactions (“Fixed Fee II”):

Band	From (EUR million/business day)	To (EUR million/business day)	Annual fee	Monthly fee
1	0	below 1 000	EUR 5 000	EUR 417
2	1 000	below 2 500	EUR 10 000	EUR 833
3	2 500	below 5 000	EUR 20 000	EUR 1 667
4	5 000	below 10 000	EUR 30 000	EUR 2 500
5	10 000	below 50 000	EUR 40 000	EUR 3 333
6	50 000	below 500 000	EUR 50 000	EUR 4 167
7	500 000 and above	—	EUR 100 000	EUR 8 334

The gross value of the ancillary system's euro cash settlement transactions shall be calculated by the ASCB once a year on the basis of such gross value during the previous year and the calculated gross value shall be applied for calculating the fee from 1 January of each calendar year. The gross value shall exclude transactions settled on T2S DCAs and TIPS DCAs. *(Amendment 30.11.2018)*

- (c) A transaction fee calculated on the same basis as the schedule established for PM account holders in Annex VI to the rules for TARGET2. The ancillary system may choose one of the two options: either to pay a flat EUR 0,80 fee per payment instruction (Option A) or to pay a fee calculated on a degressive basis (Option B), subject to the following modifications:
- (i) for Option B, the limits of the bands relating to volume of payment instructions are divided by two; and
- (ii) a monthly fixed fee of EUR 150 (under Option A) or EUR 1 875 (under Option B) shall be charged in addition to Fixed Fee I and Fixed Fee II.
- (d) In addition to the fees set out in (a) to (c), an ancillary system using the ASI or the Participant Interface shall also be subject to the following fees:
- (i) if the ancillary system makes use of the TARGET2 value-added services for T2S, the monthly fee for the use of the value added services shall be EUR 50 for those systems that have chosen option A and EUR 625 for

those systems that have chosen option B. This fee shall be charged for each account held by the ancillary system that uses the services;

- (ii) if the ancillary system holds a Main PM account linked to one or more T2S DCAs, the monthly fee shall be EUR 250 for each linked T2S DCA; and
- (iii) the ancillary system as Main PM account holder shall be charged the following fees for T2S services connected with the linked T2S DCA(s). These items shall be billed separately:

Tariff items	Price	Explanation
Settlement services		
T2S DCA to T2S DCA liquidity transfer orders	14,1 euro cent	per transfer
Intra-balance movement (i.e. blocking, unblocking, reservation of liquidity, etc.)	9,4 euro cent	per transaction
Information services		
A2A reports	0,4 euro cent	Per business item in any A2A report generated
A2A queries	0,7 euro cent	Per queried business item in any A2A query generated
U2A queries	10 euro cent	Per executed search function
U2A queries downloaded	0,7 euro cent	Per queried business item in any U2A query generated and downloaded
Messages bundled into a file	0,4 euro cent	Per message in a file
Transmissions	1,2 euro cent	Per transmission

- (iv) the ancillary system as Linked PM account holder shall be charged the following fees for TIPS service connected with the linked TIPS DCA(s)::

Tariff items	Price	Explanation
Settlement services		
Instant payment order	0,20 euro cent	To be charged also for unsettled transactions
Recall request	0,00	
Negative recall answer	0,00	
Positive recall answer	0,20 euro cent	To be charged to the holder of the Linked PM account associated with the TIPS DCA to be credited (also for unsettled transactions)

(Amendment 21.11.2021)

- (2) Any fee payable in relation to a payment instruction submitted or payment received by an ancillary system, via either the Participant Interface or the ASI, shall be exclusively charged to this ancillary system. The Governing Council may establish more detailed rules for the determination of billable transactions settled via the ASI.
- (3) Each ancillary system shall receive an invoice from its ASCB for the previous month based on the fees referred to in subparagraph 1, no later than the ninth business day of the following month. Payments shall be made no later than the 14th business day of this month to the account specified by the ASCB or shall be debited from an account specified by the ancillary system.
- (4) For the purposes of this paragraph, each ancillary system that has been designated under Directive 98/26/EC shall be treated separately, even if two or more of them are operated by the same legal entity. The same rule shall apply to the ancillary systems that have not been designated under Directive 98/26/EC, in which case the ancillary systems shall be identified by reference to the following criteria: (a) a formal arrangement, based on a contractual or legislative instrument, e.g. an agreement among the participants and the system operator; (b) with multiple membership; (c) with common rules and standardised arrangements; and (d) for the clearing, netting and/or settlement of payments and/or securities between the participants.

ANNEX X

REQUIREMENTS REGARDING INFORMATION SECURITY MANAGEMENT AND BUSINESS CONTINUITY MANAGEMENT (Amendment 21.11.2021)

Information security management

These requirements are applicable to each participant, unless the participant demonstrates that a specific requirement is not applicable to it. In establishing the scope of application of the requirements within its infrastructure, the participant should identify the elements that are part of the Payment Transaction Chain (PTC). Specifically, the PTC starts at a Point of Entry (PoE), i.e. a system involved in the creation of transactions (e.g. workstations, front-office and back-office applications, middleware), and ends at the system responsible to send the message to SWIFT (e.g. SWIFT VPN Box) or Internet (with the latter applicable to Internet-based Access).

Requirement 1.1: Information security policy

The management shall set a clear policy direction in line with business objectives and demonstrate support for and commitment to information security through the issuance, approval and maintenance of an information security policy aiming at managing information security and cyber resilience across the organisation in terms of identification, assessment and treatment of information security and cyber resilience risks. The policy should contain at least the following sections: objectives, scope (including domains such as organisation, human resources, asset management etc.), principles and allocation of responsibilities.

Requirement 1.2: Internal organisation

An information security framework shall be established to implement the information security policy within the organisation. The management shall coordinate and review the establishment of the information security framework to ensure the implementation of the information security policy (as per Requirement 1.1) across the organisation, including the allocation of sufficient resources and assignment of security responsibilities for this purpose.

Requirement 1.3: External parties

The security of the organisation's information and information processing facilities should not be reduced by the introduction of, and/or the dependence on, an external party/parties or products/services provided by them. Any access to the organisation's information processing facilities by external parties shall be controlled. When external parties or products/services of external parties are required to access the organisation's information processing facilities, a risk assessment shall be carried out to determine the security implications and control requirements. Controls shall be agreed and defined in an agreement with each relevant external party.

Requirement 1.4: Asset management

All information assets, the business processes and the underlying information systems, such as operating systems, infrastructures, business applications, off-the-shelf products, services and user-developed applications, in the scope of the Payment Transaction Chain shall be accounted for and have a nominated owner. The responsibility for the maintenance and the operation of appropriate controls in the business processes and the related IT components to safeguard the information assets shall be assigned. Note: the owner can delegate the implementation of specific controls as appropriate, but remains accountable for the proper protection of the assets.

Requirement 1.5: Information assets classification

Information assets shall be classified in terms of their criticality to the smooth delivery of the service by the participant. The classification shall indicate the need, priorities and degree of protection required when handling the information asset in the relevant business processes and shall also take into consideration the underlying IT components. An information asset classification scheme approved by the management shall be used to define an appropriate set of protection controls throughout the information asset lifecycle (including removal and destruction of information assets) and to communicate the need for specific handling measures.

Requirement 1.6: Human resources security

Security responsibilities shall be addressed prior to employment in adequate job descriptions and in terms and conditions of employment. All candidates for employment, contractors and third party users shall be adequately screened, especially for sensitive jobs. Employees, contractors and third party users of information processing facilities shall sign an agreement on their security roles and responsibilities. An adequate level of awareness shall be ensured among all employees, contractors and third party users, and education and training in security procedures and the correct use of information processing facilities shall be provided to them to minimise possible security risks. A formal disciplinary process for handling security breaches shall be established for employees. Responsibilities shall be in place to ensure that an employee's, contractor's or third party user's exit from or transfer within the organisation is managed, and that the return of all equipment and the removal of all access rights are completed.

Requirement 1.7: Physical and environmental security

Critical or sensitive information processing facilities shall be housed in secure areas, protected by defined security perimeters, with appropriate security barriers and entry controls. They shall be physically protected from unauthorised access, damage and interference. Access shall be granted only to individuals who fall within the scope of Requirement 1.6. Procedures and standards shall be established to protect physical media containing information assets when in transit.

Equipment shall be protected from physical and environmental threats. Protection of equipment (including equipment used off-site) and against the removal of property is necessary to reduce the risk of unauthorised access to information and to guard against loss or damage of equipment or information. Special measures may be required to protect against physical threats and to safeguard supporting facilities such as the electrical supply and cabling infrastructure.

Requirement 1.8: Operations management

Responsibilities and procedures shall be established for the management and operation of information processing facilities covering all the underlying systems in the Payment Transaction Chain end-to-end.

As regards operating procedures, including technical administration of IT systems, segregation of duties shall be implemented, where appropriate, to reduce the risk of negligent or deliberate system misuse. Where segregation of duties cannot be implemented due to documented objective reasons, compensatory controls shall be implemented following a formal risk analysis. Controls shall be established to prevent and detect the introduction of malicious code for systems in the Payment Transaction Chain. Controls shall be also established (including user awareness) to prevent, detect and remove malicious code. Mobile code shall be used only from trusted sources (e.g. signed Microsoft COM components and

Java Applets). The configuration of the browser (e.g. the use of extensions and plugins) shall be strictly controlled.

Data backup and recovery policies shall be implemented by the management; those recovery policies shall include a plan of the restoration process which is tested at regular intervals at least annually.

Systems that are critical for the security of payments shall be monitored and events relevant to information security shall be recorded. Operator logs shall be used to ensure that information system problems are identified. Operator logs shall be regularly reviewed on a sample basis, based on the criticality of the operations. System monitoring shall be used to check the effectiveness of controls which are identified as critical for the security of payments and to verify conformity to an access policy model.

Exchanges of information between organisations shall be based on a formal exchange policy, carried out in line with exchange agreements among the involved parties and shall be compliant with any relevant legislation. Third party software components employed in the exchange of information with TARGET2 (like software received from a Service Bureau in scenario 2 of the scope section of the TARGET2 self-certification arrangement document) must be used under a formal agreement with the third-party.

Requirement 1.9: Access control

Access to information assets shall be justified on the basis of business requirements (need-to-know⁴) and according to the established framework of corporate policies (including the information security policy). Clear access control rules shall be defined based on the principle of least privilege⁵ to reflect closely the needs of the corresponding business and IT processes. Where relevant, (e.g. for backup management) logical access control should be consistent with physical access control unless there are adequate compensatory controls in place (e.g. encryption, personal data anonymisation).

Formal and documented procedures shall be in place to control the allocation of access rights to information systems and services that fall within the scope of the Payment Transaction Chain. The procedures shall cover all stages in the lifecycle of user access, from the initial registration of new users to the final deregistration of users that no longer require access.

Special attention shall be given, where appropriate, to the allocation of access rights of such criticality that the abuse of those access rights could lead to a severe adverse impact on the operations of the participant (e.g. access rights allowing system administration, override of system controls, direct access to business data).

Appropriate controls shall be put in place to identify, authenticate and authorise users at specific points in the organisation's network, e.g. for local and remote access to systems in the Payment Transaction Chain. Personal accounts shall not be shared in order to ensure accountability.

For passwords, rules shall be established and enforced by specific controls to ensure that passwords cannot be easily guessed, e.g. complexity rules and limited-time validity. A safe password recovery and/or reset protocol shall be established.

⁴ The need-to-know principle refers to the identification of the set of information that an individual needs access to in order to carry out her/his duties.

⁵ The principle of least privilege refers to tailoring a subject's access profile to an IT system in order to match the corresponding business role.

A policy shall be developed and implemented on the use of cryptographic controls to protect the confidentiality, authenticity and integrity of information. A key management policy shall be established to support the use of cryptographic controls.

There shall be policy for viewing confidential information on screen or in print (e.g. a clear screen, a clear desk policy) to reduce the risk of unauthorised access.

When working remotely, the risks of working in an unprotected environment shall be considered and appropriate technical and organisational controls shall be applied.

Requirement 1.10: Information systems acquisition, development and maintenance

Security requirements shall be identified and agreed prior to the development and/or implementation of information systems.

Appropriate controls shall be built into applications, including user-developed applications, to ensure correct processing. These controls shall include the validation of input data, internal processing and output data. Additional controls may be required for systems that process, or have an impact on, sensitive, valuable or critical information. Such controls shall be determined on the basis of security requirements and risk assessment according to the established policies (e.g. information security policy, cryptographic control policy).

The operational requirements of new systems shall be established, documented and tested prior to their acceptance and use. As regards network security, appropriate controls, including segmentation and secure management, should be implemented based on the criticality of data flows and the level of risk of the network zones in the organisation. There shall be specific controls to protect sensitive information passing over public networks.

Access to system files and program source code shall be controlled and IT projects and support activities conducted in a secure manner. Care shall be taken to avoid exposure of sensitive data in test environments. Project and support environments shall be strictly controlled. Deployment of changes in production shall be strictly controlled. A risk assessment of the major changes to be deployed in production shall be conducted.

Regular security testing activities of systems in production shall also be conducted according to a predefined plan based on the outcome of a risk-assessment, and security testing shall include, at least, vulnerability assessments. All of the shortcomings highlighted during the security testing activities shall be assessed and action plans to close any identified gap shall be prepared and followed-up in a timely fashion.

Requirement 1.11: Information security in supplier⁶ relationships

To ensure protection of the participant's internal information systems that are accessible by suppliers, information security requirements for mitigating the risks associated with supplier's access shall be documented and formally agreed upon with the supplier.

Requirement 1.12: Management of information security incidents and improvements

To ensure a consistent and effective approach to the management of information security incidents, including communication on security events and weaknesses, roles, responsibilities and procedures, at business and technical level, shall be established and tested to ensure a quick, effective and orderly and safely recover from information security incidents including scenarios related to a cyber-related cause (e.g. a fraud pursued by an external

6

A supplier in the context of this exercise should be understood as any third party (and its personnel) which is under contract (agreement), with the institution, to provide a service and under the service agreement the third party (and its personnel) is granted access, either remotely or on site, to information and/or information systems and/or information processing facilities of the institution in scope or associated to the scope covered under the exercise of the TARGET2 self-certification

attacker or by an insider). Personnel involved in these procedures shall be adequately trained.

Requirement 1.13: Technical compliance review

A participant's internal information systems (e.g. back office systems, internal networks and external network connectivity) shall be regularly assessed for compliance with the organisation's established framework of policies (e.g. information security policy, cryptographic control policy).

Requirement 1.14: Virtualisation

Guest virtual machines shall comply with all the security controls that are set for physical hardware and systems (e.g. hardening, logging). Controls relating to hypervisors must include: hardening of the hypervisor and the hosting operating system, regular patching, strict separation of different environments (e.g. production and development). Centralised management, logging and monitoring as well as managing of access rights, in particular for high privileged accounts, shall be implemented based on a risk assessment. Guest virtual machines managed by the same hypervisor shall have a similar risk profile.

Requirement 1.15: Cloud computing

The usage of public and/or hybrid cloud solutions in the Payment Transaction Chain must be based on a formal risk assessment, taking into account the technical controls and the contractual clauses related to the cloud solution.

If hybrid cloud solutions are used, it is understood that the criticality level of the overall system is the highest one of the connected systems. All on-premises components of the hybrid solutions must be segregated from the other on-premises systems.

Business continuity management (applicable only to critical participants)

The following requirements (2.1 to 2.6) relate to business continuity management. Each TARGET2 participant classified by the Eurosystem as being critical for the smooth functioning of the TARGET2 system shall have a business continuity strategy in place comprising the following elements.

Requirement 2.1

Business continuity plans shall be developed and procedures for maintaining them are in place.

Requirement 2.2

An alternate operational site shall be available.

Requirement 2.3

The risk profile of the alternate site shall be different from that of the primary site, in order to avoid that both sites are affected by the same event at the same time. For example, the alternate site shall be on a different power grid and central telecommunication circuit from those of the primary business location.

Requirement 2.4

In the event of a major operational disruption rendering the primary site inaccessible and/or critical staff unavailable, the critical participant shall be able to resume normal operations from the alternate site, where it shall be possible to properly close the business day and open the following business day(s).



Requirement 2.5

Procedures shall be in place to ensure that the processing of transactions is resumed from the alternate site within a reasonable timeframe after the initial disruption of service and commensurate to the criticality of the business that was disrupted.

Requirement 2.6

The ability to cope with operational disruptions shall be tested at least once a year and critical staff shall be aptly trained. The maximum period between tests shall not exceed one year.