THE FEDERAL RESERVE
Financial Services

Federal Reserve Banks
Operating Circular No. 4

AUTOMATED CLEARING HOUSE ITEMS

Effective December 11, 2026

Deleted: January 5

FEDERAL RESERVE BANKS
OPERATING CIRCULAR NO. 4

AUTOMATED CLEARING HOUSE ITEMS

1.0 GENERAL 4
2.0 DEFINITIONS 4
3.0 SENDING CREDIT AND DEBIT ITEMS 7
4.0 SECURITY PROCEDURES 9
5.0 SENDING BANK'S AGREEMENTS 10
6.0 PROCESSING OF ITEMS 11
7.0 DELIVERY OF ITEMS 11
8.0 TIME SCHEDULES, SETTLEMENT DATES AND EXTENSIONS OF TIME LIMITS 14
9.0 DESIGNATION OF SETTLEMENT ACCOUNT 14
10.0 SETTLEMENT 15
11.0 AVAILABILITY OF CREDIT 16
12.0 RECEIVING BANK'S AGREEMENTS 17
13.0 REVOCATION OF ITEMS 17
14.0 RETURN OF ITEMS AND FUNDS 17
15.0 DISPUTED RETURNS 18
16.0 ADVICES OF CREDIT AND DEBIT; REPORTING OF ERRORS 18
17.0 RECORDS 19
18.0 FEES 19
19.0 NONVALUE MESSAGES 19
20.0 [RESERVED] 20
21.0 RESERVE BANK LIABILITY; ITEM OTHER THAN CREDIT ITEMS SUBJECT TO ARTICLE 4A 20
22.0 RESERVE BANK LIABILITY; CREDIT ITEM SUBJECT TO ARTICLE 4A 21
23.0 GOVERNING LAW; FORUM 21
24.0 RECOVERY BY RESERVE BANK 22
25.0 RIGHT TO AMEND 22
26.0 EFFECT OF THIS OPERATING CIRCULAR ON PREVIOUS OPERATING CIRCULAR 22
APPENDIX A: ACH SECURITY PROCEDURES 23
APPENDIX A1: ACH SECURITY PROCEDURE AGREEMENT 25
APPENDIX B: ACH ITEMS TIME SCHEDULE 26
APPENDIX C: PREFUNDING OF ACH CREDIT ORIGINATIONS BY SENDING OR CORRESPONDENT BANK 28

Deleted: ¶
1.0→GENERAL→17¶
2.0→DEFINITIONS→17¶
3.0→SENDING CREDIT AND DEBIT ITEMS→20¶
4.0→SECURITY PROCEDURES→22¶
5.0→SENDING BANK'S AGREEMENTS→22¶
6.0→PROCESSING OF ITEMS→24¶
7.0→DELIVERY OF ITEMS→24¶
8.0→TIME SCHEDULES, SETTLEMENT DATES AND EXTENSIONS OF TIME LIMITS→27¶
9.0→DESIGNATION OF SETTLEMENT ACCOUNT→27¶
10.0→SETTLEMENT→28¶
11.0→AVAILABILITY OF CREDIT→29¶
12.0→RECEIVING BANK'S AGREEMENTS→30¶
13.0→REVOCATION OF ITEMS→30¶
14.0→RETURN OF ITEMS AND FUNDS→31¶
15.0→DISPUTED RETURNS→31¶
16.0→ADVICES OF CREDIT AND DEBIT; REPORTING OF ERRORS→31¶
17.0→RECORDS→32¶
18.0→FEES→32¶
19.0→NONVALUE MESSAGES→32¶
20.0→[RESERVED]→33¶
21.0→RESERVE BANK LIABILITY; ITEM OTHER THAN CREDIT ITEMS SUBJECT TO ARTICLE 4A→33¶
22.0→RESERVE BANK LIABILITY; CREDIT ITEM SUBJECT TO ARTICLE 4A→34¶
23.0→GOVERNING LAW; FORUM→34¶
24.0→RECOVERY BY RESERVE BANK→35¶
25.0→RIGHT TO AMEND→35¶
26.0→EFFECT OF THIS OPERATING CIRCULAR ON PREVIOUS OPERATING CIRCULAR→35¶
APPENDIX A: ACH SECURITY PROCEDURES→36¶
APPENDIX A1: ACH SECURITY PROCEDURE AGREEMENT→38¶
APPENDIX B: ACH ITEMS TIME SCHEDULE→39¶
APPENDIX C: PREFUNDING OF ACH CREDIT ORIGINATIONS BY SENDING OR CORRESPONDENT BANK→42¶
APPENDIX D: GOVERNMENT ACH ITEMS→44¶
APPENDIX E: FEDACH RISK® ORIGINATION MONITORING→45¶
APPENDIX F: FEDACH® INFORMATION SERVICES→54¶
APPENDIX F1: FEDPAYMENTS® REPORTER SERVICE→59¶
APPENDIX F2: RDFI ALERT SERVICE→63¶
APPENDIX F3: FEDACH® INFORMATION FILE SERVICE→67¶
APPENDIX G: CROSS-BORDER ITEMS→70¶
APPENDIX G1: FIXED TO FIXED FOREIGN EXCHANGE SERVICE→74¶
APPENDIX H: RESERVED→79¶
APPENDIX I: FedDetect® Anomaly Notification→80¶
APPENDIX J: FedACH® Fee Programs→84¶

Deleted: January 5, 2026

APPENDIX D: GOVERNMENT ACH ITEMS 30
APPENDIX E: FEDACH RISK® ORIGINATION MONITORING 31
APPENDIX F: FEDACH® INFORMATION SERVICES 40
APPENDIX F1: FEDPAYMENTS® REPORTER SERVICE 45
APPENDIX F2: RDFI ALERT SERVICE 49
APPENDIX F3: FEDACH® INFORMATION FILE SERVICE 53
APPENDIX G: FedDetect® Anomaly Notification 59
APPENDIX H: FedACH® Fee Programs 63

Deleted: January 5, 2026

1.0 GENERAL

1.1. This Operating Circular 4, Operating Circular 1, and Operating Circular 5, along with any other terms agreed to by the participant, set forth the terms under which the Reserve Banks provide the FedACH® Services. The provisions of Article 4A of the Uniform Commercial Code ("Article 4A") are incorporated into this operating circular with respect to credit items subject to Article 4A. Reserve Bank operating circulars governing FedACH Services are operating circulars referred to in Section 4A-107 of Article 4A. Capitalized terms are defined in section 2 of this operating circular.

1.2. Each party sending or receiving items through FedACH Services, maintaining a settlement account, or otherwise using the FedACH Services agrees to the provisions of Operating Circulars 1 and 5 and this operating circular, each as amended from time to time. Operating Circular 5 and this operating circular are binding on other parties to a credit item sent or received through the FedACH Services to the same extent as if Operating Circular 5 and this operating circular were a funds-transfer system rule under Article 4A.

1.3. (a) Except as provided in paragraph 1.3(b) below, the Nacha Operating Rules are incorporated into this operating circular as "applicable ACH rules" with respect to ACH items sent to or received by a Reserve Bank, regardless of whether the sending bank or receiving bank is a member of an ACH association.

(b) Not incorporated into this operating circular as applicable ACH rules are provisions of the Nacha Operating Rules that (i) conflict with applicable law; (ii) with respect to credit items subject to Article 4A, conflict with provisions of Article 4A that may not be varied; (iii) limit the applicability of the applicable ACH rules to members of an ACH association; (iv) require dues or fees (other than a reasonable fee for copies of the applicable ACH rules and fees collected or distributed by the Reserve Bank as provided in section 18.0 of this operating circular); (v) require execution of agreements by participating banks (such as settlement or indemnity agreements); (vi) govern arbitration of disputes among participants; or (vii) provide for payment of legal expenses to an ACH association in suits against the association.

(c) Operating Circular 4 supersedes the applicable ACH rules or other arrangements among parties to ACH items only to the extent that the provisions of the applicable ACH rules or other arrangements are inconsistent with this operating circular.

1.4. The Reserve Banks process ACH items sent to them for settlement as an ACH operator pursuant to the provisions of this operating circular. The Reserve Banks do not collect, present, or return such items as a "collecting bank" or "returning bank" as those terms are defined in the Uniform Commercial Code or in Regulation CC. Neither Operating Circular 3, nor Regulation J applies to the Reserve Banks' processing and settlement of any ACH item.

1.5. Each Reserve Bank has issued an Operating Circular 4 identical to this one.

2.0 DEFINITIONS

2.1. Unless otherwise stated in this operating circular, a term defined in the applicable ACH rules has the same meaning in this operating circular.

(a) account means a Master Account as defined in Operating Circular 1.

Deleted: January 5, 2026

(b) **actually and finally collected funds** means cash or any other form of payment that is, or has become, final and irrevocable.

(c) **Administrative Reserve Bank** means the Reserve Bank in whose District an entity is located, as determined under the procedure described in 12 CFR Part 204, even if the entity is not otherwise subject to that chapter, or if the entity maintains an account on the books of a different Reserve Bank, the Reserve Bank at which the Funds Participant maintains an account.

(d) **applicable ACH rules** means the rules and agreements designated in this operating circular as applicable to designated ACH transactions. See paragraph 1.3.

(e) **Article 4A** means Article 4A of the Uniform Commercial Code as set forth in Appendix B of Regulation J (12 CFR Part 210, Subpart B). It includes provisions of Article 1 referred to in Article 4A as approved from time to time by the National Conference of Commissioners on Uniform State Laws and the American Law Institute.

(f) **automated clearing house** or **ACH** means a facility that clears debit and credit items for banks.

(g) **bank** means (i) a depository institution as defined in Section 19(b)(1)(A) of the Federal Reserve Act (12 U.S.C. 461(b)); (ii) a branch or agency of a foreign bank maintaining reserves under Section 7 of the International Banking Act of 1978 (12 U.S.C. 347d, 3105); (iii) a department, agency, instrumentality, independent establishment, or office of the United States, or a wholly owned or controlled government corporation; or (iv) another entity for which a Reserve Bank directly provides FedACH Services.

(h) **banking day** means the part of a day during which a Reserve Bank, account holder, sending bank or receiving bank is open for the receipt, processing or transmission of items. See Appendix B for the Reserve Banks' ACH banking day. With respect to a credit item subject to Article 4A, banking day means a funds transfer business day.

(i) **credit item** means an item a sending bank sends to a Reserve Bank for debit to the sending bank's settlement account and for credit to a receiving bank's settlement account. Unless otherwise expressly stated, the term includes a credit item subject to Article 4A.

(j) **credit item subject to Article 4A** means a credit item that is a payment order as defined in Article 4A. The term does not include an ACH credit transaction any part of which is governed by the Electronic Fund Transfer Act; an inter-Reserve Bank settlement wire; or a nonvalue message such as a zero dollar return, prenotification, notification of change, or automated enrollment.

(k) **debit item** means an item a sending bank sends to a Reserve Bank for credit to the sending bank's settlement account and for debit to a receiving bank's settlement account.

(l) effective date means the date for settlement that a sending bank specifies in an item in accordance with Appendix B to this operating circular.

(m) effective date window means the minimum and maximum period of days after the Reserve Bank processing date within which the effective date must fall to receive desired settlement as set forth in Appendix B to this Operating Circular.

(n) FedACH Processing Schedule means the schedule published by the Reserve Banks on the FRBservices.org® website stating (1) the cutoff times and the opening and closing times for each banking day and (2) each holiday observed by the Reserve Banks that is not a banking day. The Reserve Banks may amend the FedACH Processing Schedule from time to time.

(o) item means an instruction for the payment of money that is handled by a Reserve Bank for processing or settlement under this operating circular. Item does not include: (i) an item or an electronic item as defined in Section 210.2 of Regulation J that is handled under Subpart A governing the collection of checks and other items; (ii) a payment order as defined in Section 210.26 of Regulation J that is handled under Subpart B governing funds transfers through the Fedwire® funds transfer system; (iii) a payment instruction subject to 31 CFR Parts 210 or 370, or other U.S. Department of the Treasury regulations governing federal payments by the ACH method; or (iv) a wire transfer of securities by a Reserve Bank. Unless the context otherwise requires, the term includes both a credit item and a debit item.

(p) Nacha means the National Automated Clearing House Association.

(q) Nacha Operating Rules means the operating rules published by Nacha.

(r) receiving bank means a bank designated in an item to receive the item from a Reserve Bank. With respect to a credit item subject to Article 4A, the term receiving bank may include a beneficiary as defined in Article 4A.

(s) receiving point means a device that is connected to the Reserve Bank's electronic systems and is designated or used by a bank for the purpose of receiving items from a Reserve Bank.

(t) Regulation CC means Regulation CC issued by the Board of Governors of the Federal Reserve System (12 CFR part 229).

(u) Regulation J means Regulation J issued by the Board of Governors of the Federal Reserve System (12 CFR part 210).

(v) same day item means a forward or return item that (i) meets the requirements specified in paragraph 3.3 (b) of this operating circular and (ii) is received by the Reserve Bank by the applicable same day settlement transmission deadlines specified in the FedACH Processing Schedule.

(w) sending bank means a bank designated in an item as sending the item to a Reserve Bank.

Deleted: January 5, 2026

(x) **sending point** means a device that is connected to the Reserve Bank's electronic systems and is designated or used by a bank for the purpose of sending items to a Reserve Bank.

(y) **servicing Reserve Bank** means the Reserve Bank that is designated as a sending or receiving bank's primary contact for communications relating to ACH items.

(z) **settlement account** means the account at a Reserve Bank designated by the sending bank or receiving bank, or a correspondent bank's account designated by the sending bank or receiving bank, for the settlement of items.

(aa) **settlement date** means the date for settlement of an item as provided in this operating circular.

3.0 SENDING CREDIT AND DEBIT ITEMS

3.1. A sending bank that maintains or uses a settlement account at a Reserve Bank may send an item to any Reserve Bank, provided the receiving bank maintains or uses a settlement account for ACH items at a Reserve Bank.

3.2. For purposes of Operating Circular 4 and Article 4A, the sending bank is deemed to have sent an item to its Administrative Reserve Bank, regardless of which Reserve Bank holds the sending bank's settlement account, maintains its electronic connection, or receives the item. With respect to any credit item that is subject to Article 4A, no Reserve Bank, other than the sending bank's Administrative Reserve Bank and the receiving bank's Administrative Reserve Bank, is a party to the item or a sender or receiving bank for purposes of Article 4A. The sending bank's or receiving bank's Administrative Reserve Bank may instruct another Reserve Bank concerning the other Reserve Bank's handling of or settlement for an ACH item for purposes of managing the Administrative Reserve Bank's risk.

3.3. **(a)** An item must be in the media the Reserve Banks prescribe and in the format prescribed by the applicable ACH rules.

(b) A same day item must specify in the effective entry date field either no value or any value other than a date that is later than the banking day the Reserve Bank receives the item, may use any Standard Entry Class code except IAT or ENR, and must not exceed the dollar amount limit for a same day item specified in the Nacha Operating Rules.

3.4. If a sending bank uses any Reserve Bank service that permits or requires the sending bank or the Reserve Bank to take additional steps to release the file for processing, the file will be considered to have been sent to the Reserve Bank for purposes of this operating circular at the time the sending bank (or the Reserve Bank, if the Reserve Bank has expressly agreed to do so) has completed all steps that are necessary to release the file for processing by the FedACH application. Files consisting of ACH items that are transmitted to the Reserve Bank's systems by a bank must be released for processing prior to the end of day deadline, or the files will be rejected or deleted. Files consisting of same day ACH items must be released for processing prior to the final same day deadline for that banking day or the items will be processed as next day items. The Reserve Bank assumes no duty to inform a bank that the bank has transmitted an ACH file but has not released that file for processing.

Deleted: January 5, 2026

3.5. (a) A sending bank may designate an ACH operator (other than a Reserve Bank) or an entity that owns or operates the sending point as its agent to send items to a Reserve Bank. It is the sending bank's responsibility to ensure that its agent complies with the sending bank's obligations under this operating circular.

(i) By sending items to the Reserve Bank through an ACH operator other than a Reserve Bank, a sending bank designates the ACH operator as its agent for accessing the Reserve Bank's systems for processing ACH items, authorizes the ACH operator to select which security procedure to use to access the Reserve Bank's systems, and authorizes the ACH operator to execute Appendix A1, "ACH Security Procedure Agreement," on behalf of the sending bank. In acting as agent of the sending bank, the ACH operator (other than a Reserve Bank) is not a sender or receiving bank as defined in Article 4A or a party to the item.

(ii) By sending items to the Reserve Bank from a sending point that is owned or operated by an entity other than the sending bank itself, a sending bank designates the entity that owns or operates the sending point as its agent for accessing the Reserve Bank's systems for processing ACH items, authorizes such agent to select which security procedure to use to access the Reserve Bank's systems, authorizes such agent to execute Appendix A1, "ACH Security Procedure Agreement," on behalf of the sending bank, and authorizes the Reserve Banks to act on the instructions of such agent with respect to the handling of items sent to the Reserve Bank by the agent on behalf of the sending bank. In acting as agent of the sending bank, the entity that owns or operates the sending point is not a sender or receiving bank as defined in Article 4A or a party to the item.

(iii) Prior to sending items to a Reserve Bank through an ACH operator other than a Reserve Bank or from a sending point that is owned or operated by an entity other than the sending bank itself, the sending bank must provide notice to the Reserve Bank in a form specified by the Reserve Bank.

(iv) The sending bank's agent's access to the Reserve Bank's electronic systems is governed by Operating Circular 5, and the applicable Certification Practice Statement.

(c) The sending bank authorizes each Reserve Bank to act upon items, information, and instructions sent to a Reserve Bank by the sending bank's agent that the agent identifies as having been authorized by the sending bank.

(d) The sending bank agrees that:

(i) its agent will be granted credentials authorizing such agent to access the Federal Reserve Banks' systems for the purposes of the FedACH Services;

(ii) its agent will use those credentials to act on behalf of the sending bank; and

(iii) its agent will use the same credentials to access the Federal Reserve Banks' FedACH systems on behalf of other sending banks that use the same agent to access the Reserve Bank's electronic systems. It is the responsibility of the sending bank and its agent to establish controls sufficient to assure that the agent properly segregates the items, information, and instructions of a sending bank from any items, information, or instructions of other sending

Deleted: January 5, 2026

banks. The Federal Reserve Banks are not required to take, and will not take, any measures to ensure that the sending bank's work is properly identified or segregated by the agent. The sending bank authorizes each Reserve Bank to rely on the agent's identification of items, information, and instructions as having been originated or authorized by the sending bank.

(e) The sending bank agrees to be bound by the agent's acts or omissions with respect to items that are handled by a Reserve Bank pursuant to this operating circular.

(f) The sending bank authorizes its Administrative Reserve Bank to settle for items sent to or received from a Reserve Bank by the sending bank's agent, and to obtain from the sending bank payment as provided in this operating circular for any fees owed to a Reserve Bank in connection with items sent to a Reserve Bank or received from a Reserve Bank by the sending bank's agent. The sending bank agrees that the Reserve Bank may send items to the sending bank by delivering or transmitting such items to the sending bank's agent.

(g) The Reserve Banks may rely on a sending bank's designation of an agent until the designation is revoked in writing and the Reserve Banks have had a reasonable amount of time to respond to the revocation.

(h) Any obligations regarding settlement of items that exist at the time of any termination of the agency appointment shall survive the termination of the agency appointment.

(i) The sending bank agrees to indemnify, defend, and hold the Reserve Banks harmless against any claim, loss, cost, or expense resulting from (i) the acts or omissions of the sending bank's agent; (ii) a Reserve Bank's acts or omissions in carrying out the instructions of such agent within the scope of the agency appointment; or (iii) the third party access arrangement including, but not limited to, reasonable attorney's fees and expenses of litigation, except, with respect to (i) through (iii), for any claim, loss, cost, or expense arising solely out of a Reserve Bank's failure to exercise ordinary care or to act in good faith.

4.0 SECURITY PROCEDURES

4.1. The security procedures a Reserve Bank offers to verify the authenticity of the source of an item are described in Appendix A1 of this operating circular. Before sending an item to a Reserve Bank, a sending bank (or its agent, acting under written authority from the sending bank) must execute an agreement with its servicing Reserve Bank in the form of Appendix AI, copies of which are available from the Reserve Banks. If a sending bank sends an item to a Reserve Bank through an agent, the agent must execute an agreement in substantially the same form. A sending bank agrees to any security procedure used by the sending bank or by its agent in sending an item to a Reserve Bank.

4.2. Each sending and receiving bank shall prevent any disclosure of any aspects of the security procedures offered by the Reserve Bank, as provided in Operating Circular 5. The sending or receiving bank shall notify its servicing Reserve Bank immediately if the confidentiality of these security procedures is compromised and shall act to prevent the security procedure from being further compromised.

5.0 SENDING BANK'S AGREEMENTS

5.1. By sending an item to a Reserve Bank, the sending bank:

(a) agrees to comply with the applicable ACH rules and agrees that those rules govern the relationships among the sending bank, the receiving bank and other parties interested in the item and covered by those rules;

(b) authorizes the Reserve Banks to process the item in accordance with this operating circular;

(c) agrees that the Reserve Banks process the items as ACH operators and do not collect, present, or return the items under Operating Circular 3 or Regulation J as "collecting banks" or "returning banks," as those terms are used in the Uniform Commercial Code or Regulation CC;

(d) authorizes the Reserve Bank holding the sending bank's settlement account to debit the amount of a credit item, or credit the amount of a debit item, to the sending bank's settlement account on the settlement date; and

(e) agrees to indemnify each Reserve Bank processing or settling for the item for any loss or expense (including reasonable attorneys' fees and expenses of litigation) incurred by the Reserve Bank as a result of any action or lack of action taken with respect to the item by the Reserve Bank in accordance with this operating circular except, for any claim, loss, cost, or expense arising solely out of a Reserve Bank's failure to exercise ordinary care or to act in good faith.

5.2. The agreements, authorizations and indemnity in paragraph 5.1 do not limit any other agreement, authorization or indemnity, not inconsistent with paragraph 5.1, made by a sending bank to a receiving bank, a Reserve Bank or any other person.

5.3. Prefunding. The Administrative Reserve Bank of a sending bank (or its correspondent bank) that settles for credit item originations may require the bank to prefund in accordance with Appendix C of this operating circular credit item originations that settle through the bank's account, if the Administrative Reserve Bank has determined to monitor the bank's account in real time. If credit item originations are not prefunded when required, they may be rejected.[1] In the event of prefunding, a Reserve Bank will substitute itself for the sending or correspondent bank's settlement obligation with respect to the credit items, and Appendix C of this operating circular shall supersede other provisions of this operating circular that are inconsistent with Appendix C.

[1] In certain circumstances, the Reserve Bank may be unable to determine whether a sending bank is able to prefund its credit item originations. In such circumstances prefunding cannot occur, and any credit item originations settling to the account of a monitored bank may not be processed until the Reserve Bank is able to determine whether the sending bank has sufficient funds available in the designated settlement account. If the Reserve Bank is unable to obtain such information prior to the final same day deadline on a banking day, any batch(es) containing same day items that have been pended may result in same day items being settled next day. If the Reserve Bank is unable to obtain such information prior to the end of day cutoff, any batch(es) that have been pended may be rejected. The Reserve Bank is not liable for any loss or damage that results from delays in processing credit item originations, or from the rejection of credit items, settling to the account of a monitored institution in these circumstances.

Deleted: January 5, 2026

6.0 PROCESSING OF ITEMS

6.1. The Reserve Banks process items in accordance with the applicable ACH rules and Operating Circular 4.

6.2. The Reserve Banks deliver items electronically as described in this section 6.0 at scheduled times each banking day in accordance with the FedACH Processing Schedule and Appendix B to this operating circular. Upon prior request from a receiving bank the Reserve Banks may, in their sole discretion, agree to provide one or more additional electronic deliveries each banking day to a receiving bank. The Reserve Banks endeavor to but are not obligated to, and do not warrant that, any such additional deliveries will be made, and the Reserve Banks shall have no liability to a receiving bank for providing or failing to provide the additional electronic deliveries.

6.3. A Reserve Bank may reject, or may impose conditions to its processing of, any item for any reason. A Reserve Bank will not act on instructions in an item other than information required by format specifications in applicable ACH rules. If a Reserve Bank notifies a sending bank of the receipt of a suspected duplicate file or any other problem, the Reserve Bank will not process the file without approval by the sending bank or its agent. Except as expressly provided in this operating circular, a Reserve Bank does not have or assume any responsibility for compliance with applicable ACH rules by a sending bank, receiving bank, or ACH operator (other than a Reserve Bank). A Reserve Bank may record by audio recording device any telephone call relating to an item.

6.4. The Reserve Banks provide an acknowledgment to the sending bank that a Reserve Bank has received ACH files by electronic transmission and has performed limited processing of the files, as provided in applicable ACH rules. An acknowledgment does not mean that a Reserve Bank has accepted, and will not reject, the items contained in the files. The sending bank is responsible for verifying the information in the acknowledgment and notifying the servicing Reserve Bank immediately of any discrepancy, and for notifying the servicing Reserve Bank promptly of nonreceipt of an acknowledgment.

6.5. A sending bank must designate the receiving bank for an item by routing number. The Reserve Banks are not liable for any loss relating to the accuracy of a routing number contained in or verbally supplied from a publication, list, or automated file disseminated or maintained by a Reserve Bank if the routing number becomes inaccurate after the effective date of the publication, list, or automated file. A Reserve Bank may process an item on the basis of a routing number of a receiving bank appearing in any form on the item when received. A Reserve Bank is not responsible for any loss or delay resulting from acting on the number, whether or not the number is consistent with any other designation of the receiving bank on the item, if the Reserve Bank does not know of the inconsistency in designation. For purposes of Article 4A, an identifying number of a branch of a domestic bank is deemed to be the identifying number of the bank.

7.0 DELIVERY OF ITEMS

7.1. By prior arrangement with a receiving bank, a Reserve Bank sends items by electronic means to the receiving bank, or to a receiving point or ACH operator (other than a Reserve Bank) designated by the receiving bank. Alternatively, by prior agreement with a receiving bank, a Reserve Bank may deliver items by making them available on the Reserve Bank's system for the receiving bank or its agent to retrieve. The Reserve Bank has delivered such

Deleted: January 5, 2026

items when it has placed the items on a Reserve Bank storage device and made the items available for the receiving bank or its agent to retrieve.

7.2. In emergency circumstances, the Reserve Bank may send items as arranged with the receiving bank. If the receiving bank requests that items be sent to or made available for pickup by another person, that person is the receiving bank's agent and is not a sender or receiving bank as defined in Article 4A or a party to an item in acting as agent of the receiving bank. Items are considered received by a receiving bank in accordance with applicable ACH rules, except as provided in paragraph 7.4. A receiving bank should promptly advise its servicing Reserve Bank by telephone if it does not receive items by the expected date.

7.3. A receiving bank must maintain access to FedACH Services, including maintaining its electronic connection (as defined in Operating Circular 5), so as to permit it to receive items in a timely manner throughout the banking day. A receiving bank that does not receive items in a timely manner because it fails to so manage its Electronic Connection or because of emergency circumstances beyond the control of a Reserve Bank is required to settle for the items with a Reserve Bank at the time and day provided by the FedACH Processing Schedule, but is not considered to receive the items for purposes of the deadline for return if the items are available timely for electronic transmission by a Reserve Bank to the receiving bank or for pickup at a Reserve Bank by the receiving bank. The receiving bank may choose next day debit with an explicit charge for float in lieu of settling on the settlement date for debit items.

7.4. For purposes of Operating Circular 4 and Article 4A, the receiving bank is deemed to have received an item from its Administrative Reserve Bank, regardless of which Reserve Bank holds the receiving bank's settlement account, maintains its electronic connection, or sends the item to the receiving bank. No Reserve Bank, other than the receiving bank's Administrative Reserve Bank and the sending bank's Administrative Reserve Bank, is a party to the item or a sender or receiving bank under Article 4A.

7.5. **(a)** A receiving bank may designate an ACH operator (other than a Reserve Bank) or an entity that owns or operates the receiving point as its agent to receive items from a Reserve Bank. It is the receiving bank's responsibility to ensure that its agent complies with the receiving bank's obligations under this operating circular.

(i) By receiving items from the Reserve Bank through an ACH operator other than a Reserve Bank, a receiving bank designates the ACH operator as its agent for accessing the Reserve Bank's systems for processing ACH items, authorizes the ACH operator to select which security procedure to use to access the Reserve Bank's systems, and authorizes the ACH operator to execute Appendix A1, "ACH Security Procedure Agreement," on behalf of the receiving bank.

(ii) By receiving items from the Reserve Bank at a receiving point that is owned or operated by an entity other than the receiving bank itself, a receiving bank designates the entity that owns or operates the receiving point as its agent for accessing the Reserve Bank's systems for processing ACH items, authorizes such agent to select which security procedure to use to access the Reserve Bank's systems, authorizes such agent to execute Appendix A1, "ACH Security Procedure Agreement," on behalf of the receiving bank, and authorizes the Reserve Banks to act on the instructions of such agent with

Deleted: January 5, 2026

respect to the handling of items received from the Reserve Bank by the agent on behalf of the receiving bank.

(iii) In acting as agent of the receiving bank, the ACH operator (other than a Reserve Bank) or the entity that owns or operates the receiving point is not a sender or receiving bank as defined in Article 4A, or a party to the item.

(iv) Prior to receiving items from a Reserve Bank through an ACH operator other than a Reserve Bank or at a receiving point that is owned or operated by an entity other than the receiving bank itself, the receiving bank must provide notice to the Reserve Bank in a form specified by the Reserve Bank.

(v) The receiving bank's agent's access to the Reserve Bank's electronic systems is governed by Operating Circular 5 and the applicable Certification Practice Statement.

(b) The receiving bank authorizes each Reserve Bank to act upon items, information, and instructions sent to a Reserve Bank by the receiving bank's agent that the agent identifies as having been authorized by the receiving bank.

(c) The receiving bank agrees that:

(i) its agent will be granted credentials authorizing such agent to access the Federal Reserve Banks' systems for the purposes of the FedACH Services;

(ii) its agent will use those credentials to act on behalf of the receiving bank; and

(iii) its agent will use the same credentials to access the Federal Reserve Banks' FedACH systems on behalf of other banks that use the same agent to access the Reserve Bank's electronic systems. It is the responsibility of the receiving bank and its agent to establish controls sufficient to ensure that the agent properly segregates the items, information, and instructions of a receiving bank from any items, information, or instructions of other receiving banks. The Federal Reserve Banks are not required to take, and will not take, any measures to assure that the receiving bank's work is properly identified or segregated by the agent.

(d) The receiving bank agrees to be bound by the agent's acts or omissions with respect to items that are handled by a Federal Reserve Bank pursuant to this operating circular.

(e) The receiving bank authorizes its Administrative Reserve Bank to settle for items sent to or received from a Reserve Bank by the receiving bank's agent, and to obtain from the receiving bank payment as provided in this operating circular for any fees owed to a Reserve Bank in connection with items sent to a Reserve Bank or received from a Reserve Bank by the receiving bank's agent.

(f) The receiving bank agrees that the Reserve Bank may send items to the receiving bank by delivering or transmitting such items to the receiving bank's agent.

(g) The Reserve Banks may rely on the receiving bank's designation of an agent until the designation is revoked in writing and the Reserve Banks have had a reasonable amount of time to respond to the revocation. Any obligations regarding settlement of items that exist at the time of any termination of the agency appointment shall survive

the termination of the agency appointment.

(h) The receiving bank agrees to indemnify, defend, and hold the Reserve Banks harmless against any claim, loss, cost, or expense resulting from (i) the acts or omissions of the receiving bank's agent; (ii) a Reserve Bank's acts or omissions in carrying out the instructions of such agent within the scope of the agency appointment; or (iii) the third -party access arrangement including, but not limited to, reasonable attorneys' fees and expenses of litigation, except, with respect to (i) through (iii), for any claim, loss, cost, or expense arising solely out of a Reserve Bank's failure to exercise ordinary care or to act in good faith.

8.0 TIME SCHEDULES, SETTLEMENT DATES AND EXTENSIONS OF TIME LIMITS

8.1. The FedACH Processing Schedule shows the banking days and the deadlines for a Reserve Bank to receive and process credit and debit items of various classes for same day or future settlement. Appendix B to this operating circular shows the effective date window for classes of items and provisions for settlement for various effective dates.

8.2. The Reserve Banks process items in accordance with the FedACH Processing Schedule and Appendix B to this operating circular and send the items to the receiving bank on or before the settlement date. If, because of circumstances beyond a Reserve Bank's control, it is delayed beyond the applicable time limit in acting on an item (other than a credit item subject to Article 4A), the time for acting is extended for the time necessary to complete the action, provided the Reserve Bank exercises such diligence as the circumstances require.

9.0 DESIGNATION OF SETTLEMENT ACCOUNT

9.1. Prior to sending an item to (or receiving an item from) a Reserve Bank, a sending bank (and a receiving bank) must designate to its Administrative Reserve Bank a settlement account(s) on a Reserve Bank's books and identify the transactions to be settled through the account(s), in accordance with Operating Circular 1. If the bank designates a correspondent bank's account, the correspondent bank must agree to that designation. If the settlement account is on the books of a Reserve Bank other than the sending or receiving bank's Administrative Reserve Bank, the other Reserve Bank must not object to the designation. A correspondent bank whose account is used by a sending or receiving bank for settlement of items, and a Reserve Bank, other than the sending or receiving bank's Administrative Reserve Bank, that holds the settlement account, does not thereby become a sender or receiving bank as defined in Article 4A, or a party to an item. A sending or receiving bank remains responsible under Operating Circular 4 for all transactions, notwithstanding that it has designated a settlement account, including a settlement account maintained by a correspondent bank. A Reserve Bank may, in its discretion, recover the unpaid balance of the sending or receiving bank's obligation with respect to an item from the sending or receiving bank, respectively, without prior notice or demand.

9.2. A Reserve Bank may charge against a sending or receiving bank's designated settlement account the amount of the bank's ACH transactions, unless the Reserve Bank and the sending or receiving bank agree to other arrangements for settlement.

9.3. By designating a settlement account, a bank (and its correspondent bank, if any, that maintains the designated settlement account) authorizes the Reserve Bank that holds the settlement account: (1) to debit to the designated account on the settlement date the

Deleted: January 5, 2026

amount of credit items sent by the bank to a Reserve Bank, the amount of debit items sent to the bank by a Reserve Bank, and the amount of Government ACH debit items sent to the bank by a Reserve Bank: (2) to credit to the designated account on the settlement date the amount of debit items sent by the bank to a Reserve Bank, the amount of credit items sent to the bank by a Reserve Bank, and the amount of Government ACH credit items sent to the bank by a Reserve Bank; and (3) to debit and credit to the designated settlement account the amount of other transactions (including fees, unless otherwise agreed) with respect to ACH Items and Government ACH Items as provided in this operating circular.

9.4. The bank (and its correspondent bank, if any, that maintains the designated settlement account) agrees to maintain its credit in the designated settlement account, consistent with paragraph 10 of this operating circular, a balance of actually and finally collected funds sufficient to cover charges under this operating circular and all other charges to its account. The Reserve Banks assume no responsibility for any obligations or rights of a bank with respect to its correspondent bank, if any (or of an intermediary correspondent that is not an account holder, if any with respect to its correspondent account holder).

9.5. By designating a settlement account, and in consideration of the processing and settlement by the Reserve Banks of items sent to and/or received by the bank and other sending and receiving banks, the bank (and its correspondent bank, if any, that maintains the designated settlement account) agrees to Operating Circular 4 and to the applicable ACH rules, each as amended from time to time, for the benefit of all parties interested in the items.

9.6. A settlement designation supersedes all prior inconsistent designations with respect to items. The sending or receiving bank may terminate a settlement designation by written notice to the Reserve Bank that holds the account (and the Reserve Bank may terminate a settlement designation by written notice to the bank) effective five banking days after receipt of the notice or on a subsequent date specified in the notice. A correspondent bank (or an intermediary correspondent that is not an account holder, if any) may terminate a settlement designation by written notice to the Reserve Bank that holds the settlement account, effective only for ACH items to be settled on and after the banking day following the banking day of receipt of the notice or on a later date specified in the notice. A sending or receiving bank must designate another settlement account if its correspondent bank suspends payment or is closed, if the authority to charge the correspondent's account is terminated, or if the correspondent's Administrative Reserve Bank judges, in its discretion, that there will not be sufficient funds in the account on the settlement date to cover an item.

10.0 SETTLEMENT

10.1. A sending or receiving bank's settlement obligation is owed to its Administrative Reserve Bank, even if it has designated an account on another Reserve Bank's books for settlement. Settlement with the Reserve Bank that holds the settlement account is deemed to be settlement with the sending or receiving bank's Administrative Reserve Bank.

10.2. At the settlement time and date provided in the FedACH Processing Schedule, the Reserve Bank that holds the sending bank's settlement account debits (or credits) that account in the amount of a credit (or debit) item, and the Reserve Bank that holds the receiving bank's settlement account credits (or debits) the receiving bank's account in the amount of the credit (or debit) item.

10.3. **Security Interest.** To secure any obligation, now existing or arising in the future, in

Deleted: January 5, 2026

connection with an ACH item by a sending or receiving bank (or by a correspondent bank whose account a sending or receiving bank uses for settlement) to a Reserve Bank, the bank grants to the Reserve Bank all the bank's right, title, and interest in property, whether now owned or hereafter acquired, in the possession or control of, or maintained with, any Reserve Bank, including but not limited to the bank's deposit account maintained with any Reserve Bank, items in the process of collection and their proceeds, and any investment property (including securities, security entitlements, and security accounts), but excluding any investment property which the bank may not encumber under applicable law. This security interest is in addition to any other security interest granted to a Reserve Bank by the bank under regulation or agreement. The secured Reserve Bank may take any action authorized by law to recover the amount owed to it by the bank, including but not limited to the exercise of setoff without demand or notice and even if the obligations are contingent or unmatured, the realization on any available collateral, and the exercise of any rights it may have as a creditor under applicable law.

10.4. Refusal to Settle. If the Reserve Bank that holds the settlement account judges, in its discretion, that there may not be sufficient funds in the account at the settlement time provided in the FedACH Processing Schedule on the settlement date to cover a debit for a credit item (including a credit item subject to Article 4A) or for a debit item, the Reserve Banks may cease processing the item, batch or file, and may refuse to settle for the item, batch or file The Reserve Banks may also cease processing and refuse to settle for an item, batch or file if they receive notice of the suspension or closing of the sending or receiving bank (other than the sending bank of a prefunded credit item) prior to the time settlement is final under this operating circular. If the Reserve Banks cease processing or refuse to settle for an item or for the batch or file containing the item, they will promptly notify the sending bank and a receiving bank to which the item has been sent (or a correspondent bank whose account a bank uses for settlement).

11.0 AVAILABILITY OF CREDIT

11.1. Debit Items.

(a) Credit given for a debit item by the Reserve Bank that holds the sending bank's settlement account is available for use and may qualify as reserve for purposes of Regulation D (12 CFR Part 204) on the settlement date, subject to paragraph 10.4 of this operating circular, this paragraph 11.1, and other provisions of this operating circular. The Reserve Bank may refuse to permit the use of credit given for a debit item if it judges that there may not be sufficient funds in the sending bank's settlement account to cover chargeback or return of the item.

(b) If by 12:00 p.m. ET on a banking day a Reserve Bank has not received actually and finally collected funds for all debit items that had settled on the immediately prior banking day, then by no later than 5:30 p.m. ET the Reserve Banks that hold the sending and receiving banks' settlement accounts may reverse the debits and credits made for all debit items. If the Reserve Banks reverse the credits and debits for any debit item in accordance with this paragraph, they will reverse the credits and debits for all debit items that settled at the same settlement window. If the Reserve Banks take action to reverse debits and credits in accordance with this paragraph, they will notify the sending and receiving banks (or a correspondent bank whose account a bank uses for settlement) of their action by no later than 4:00 p.m. ET on the day they take such action.

11.2. **Credit Items.** Credit given by the Reserve Bank that holds the receiving bank's settlement account for a credit item (including a credit item subject to Article 4A) is final and available for use and may qualify as reserve for purposes of Regulation D (12 CFR Part 204) at the settlement time provided in the FedACH Processing Schedule on the settlement date.

12.0 RECEIVING BANK'S AGREEMENTS

12.1. A receiving bank, by maintaining or using an account with a Reserve Bank for settlement of items or by accepting an item from a Reserve Bank:

(a) agrees to comply with the applicable ACH rules and agrees that those rules govern the relationships among the sending bank, the receiving bank and other parties interested in the item and covered by those rules;

(b) agrees to process the item in accordance with Operating Circular 4;

(c) agrees that the Reserve Banks process the item as ACH operators and do not collect, present, or return the items under the Operating Circular 3 or Regulation J as "collecting" or "returning" banks, as those terms are defined in the Uniform Commercial Code or Regulation CC; authorizes the Reserve Bank holding the receiving bank's settlement account to credit the amount of a credit item, or debit the amount of a debit item, to the receiving bank's settlement account on the settlement date; and

(d) agrees to indemnify each Reserve Bank processing or settling for the item for any loss or expense (including reasonable attorneys' fees and expenses of litigation) incurred as a result of a breach of the foregoing agreements or of any action or lack of action taken by the Reserve Bank in accordance with this operating circular except, for any claim, loss, liability, or expense arising solely out of a Reserve Bank's failure to exercise ordinary care or to act in good faith.

12.2. The agreements, authorization and indemnity in paragraph 12.1 do not limit any other agreement, authorization or indemnity not inconsistent with paragraph 12.1, made by a receiving bank to a sending bank, a Reserve Bank or any other person.

13.0 REVOCATION OF ITEMS

13.1. A sending bank or prior party may not amend or revoke an item after it has been sent to a Reserve Bank, except as provided in applicable ACH rules.

13.2. A Reserve Bank may cancel items by initiating a reversing batch of items in accordance with applicable ACH rules if it discovers that a Reserve Bank sent a duplicate or erroneous batch of items. The Reserve Bank will notify the sending bank accordingly. Nothing in Operating Circular 4 constitutes a waiver by any Reserve Bank of a right of recovery under the applicable law of mistake and restitution.

14.0 RETURN OF ITEMS AND FUNDS

14.1. A receiving bank may return a debit or credit item to any Reserve Bank in accordance with the applicable ACH rules and by the deadline set forth in the FedACH

Processing Schedule. The receiving bank is accountable for the amount of a debit item if the returned item is not received by that deadline.

14.2. The Reserve Banks process a returned item they receive from a receiving bank and send it or make it available to the sending bank in accordance with the provisions of this operating circular governing the processing of items. On the settlement date, the Reserve Bank that holds the sending bank's settlement account debits or credits that account in the amount of a returned debit or credit item, and the Reserve Bank that holds the receiving bank's settlement account credits or debits that account in the amount of the returned debit or credit item at the time provided in the FedACH Processing Schedule, subject to the provisions of this operating circular governing the settlement for items. A receiving bank may return a same day item on the day the receiving bank received the item.

14.3. A receiving bank must keep records that permit it to identify the source of receipt of items. By sending a returned debit item to a Reserve Bank, a receiving bank:

(a) agrees on request to provide records showing whether it received the debit item from a Reserve Bank, and

(b) if it did not receive the debit item from a Reserve Bank, agrees to indemnify the Reserve Banks for loss resulting from a Reserve Bank's failure to receive the amount of the returned debit item from the sending bank.

14.4. If a receiving bank sends an adjustment entry for an unauthorized debit item to a Reserve Bank in accordance with applicable ACH rules, the receiving bank agrees to indemnify the Reserve Banks for loss resulting from a Reserve Bank's failure to receive the amount of the adjustment from the sending bank, whether or not the receiving bank received the debit item from a Reserve Bank.

14.5. The Reserve Bank may agree to offer an exception process for sending returns in paper form subject to terms and conditions acceptable to the Reserve Bank. Items returned in paper form are not subject to the FedACH Processing Schedule.

15.0 DISPUTED RETURNS

15.1. If a sending bank disputes the propriety of a returned item one time in accordance with applicable ACH rules, the Reserve Bank(s) that holds the sending bank's and the receiving bank's settlement accounts will provisionally settle for the disputed return, subject to receipt of funds from the receiving bank. If the receiving bank disputes the sending bank's claim in accordance with applicable ACH rules, the Reserve Bank(s) will reverse the provisional settlement for the disputed return, subject to receipt of funds from the sending bank.

16.0 ADVICES OF CREDIT AND DEBIT; REPORTING OF ERRORS

16.1. A Reserve Bank provides advices of credit and debit to an account holder for items for which the account holder has agreed to settle. An advice of credit indicates that credit has been given, subject to the provisions of this operating circular. A Reserve Bank also, on request, provides advices to a person other than the bank or its correspondent, as the bank's agent, in accordance with paragraph 7 of this operating circular.

16.2. A Reserve Bank properly executes a credit item subject to Article 4A if it sends an advice of credit as requested by the receiving bank. A sending or receiving bank (and a correspondent bank, if any) agrees that a reasonable time to notify its servicing Reserve Bank concerning an unauthorized or erroneously executed item is within thirty calendar days after the bank (or correspondent) receives an advice of debit. Notice after that time may constitute the failure to exercise ordinary care, precluding the recovery by the bank of interest (with respect to a credit item subject to Article 4A) and other damages (with respect to other items).

16.3. In addition to the requirement for reasonable notice under paragraph 16.2. and Sections 4A-204 and 4A-304 of Article 4A, a sending or receiving bank (or a correspondent account holder, if any) shall notify its servicing Reserve Bank immediately if it learns of or discovers, from any source other than an advice of debit from the Reserve Bank, the possibility of error or lack of authority in the transmission or processing of an item. See also paragraph 4.

17.0 RECORDS

17.1. Each sending and receiving bank must keep records that permit it to resolve questions that arise concerning the handling of items, and to resend items if a Reserve Bank notifies it that the items have been lost because of a computer outage or other reason. A Reserve Bank keeps records of items processed for only one year after the settlement date.

18.0 FEES

18.1. In addition to the fees imposed for the FedACH Services as set forth in Operating Circular 5, if approved by the Board of Governors of the Federal Reserve System, the Reserve Banks may collect and distribute any price or fee established by the Nacha Operating Rules. The Reserve Banks collect the Nacha Network Administration Fees, ACH Quality Fees and Same-Day Entry Fees by debiting and crediting those fees to the sending bank and receiving bank, as applicable.

18.2. An Administrative Reserve Bank will credit a bank's account for any claimed overcharge of the Nacha Network Administration Fees if the request for credit is received from a sending or receiving bank within the time frame provided in Operating Circular 1 for reporting errors in a Statement of Service Charges. The Reserve Banks will not otherwise resolve any dispute between a bank and Nacha or between a bank and another bank.

19.0 NONVALUE MESSAGES

19.1. The Reserve Banks process messages that do not generate entries to accounts, such as a notification. A Reserve Bank's liability for damage caused by its failure to exercise ordinary care, or by its own or its employees' willful misconduct, in processing a nonvalue message may not exceed the amount of any fee paid to a Reserve Bank for the message.

20.0 [RESERVED]

21.0 RESERVE BANK LIABILITY; ITEM OTHER THAN CREDIT ITEMS SUBJECT TO ARTICLE 4A

21.1. Limitations on Liability

With respect to an item other than a credit item subject to Article 4A:

(a) a Reserve Bank is responsible or liable only to a sending bank, a receiving bank or another Reserve Bank, and only for its own failure to exercise ordinary care, or for its own or its employees' willful misconduct;

(b) a Reserve Bank does not act as the agent or subagent of another bank or person and is not liable for the insolvency, neglect, misconduct, mistake or default of another bank or person;

(c) a Reserve Bank does not make any warranty with respect to an item it processes or settles for under Operating Circular 4; and

(d) no person may make a claim against a Reserve Bank for loss resulting from the Reserve Bank's processing of or settling for an item, or the collection or distribution of any fee, after one year from the settlement date of the item. If a bank (or correspondent bank, if any) does not send written objection to an advice of debit to its servicing Reserve Bank within thirty calendar days after receipt of the advice, it is deemed to approve the debit on its own behalf (and on behalf of a sending or receiving bank using the account for settlement, if any).

21.2. Measure of Damages

The measure of damages for a Reserve Bank's failure to exercise ordinary care, or for its own or its employees' willful misconduct, is as follows:

(a) For a credit item (including a returned credit item but excluding a credit item subject to Article 4A), liability is limited to damages that are attributable directly and immediately to the failure to exercise ordinary care or to the willful misconduct and does not include damages that are attributable to the consequences of such conduct, even if such consequences were foreseeable at the time of such conduct.

(b) For a debit item (including a returned debit item), liability for its failure to exercise ordinary care is limited to the amount of the item reduced by an amount that could not have been realized by the use of ordinary care. Where there is willful misconduct with respect to a debit item, the measure of damages includes other damages that are attributable directly and immediately to the willful misconduct but does not include damages that are attributable to the consequences of such misconduct, even if such consequences were foreseeable at the time of such misconduct.

(c) With respect to any fee that the Reserve Bank collected, the amount of damages is limited to the amount of the fee. With respect to any portion of the fee that the

Reserve Bank distributed, the amount of damages is limited to the amount that the Reserve Bank failed to distribute.

22.0 RESERVE BANK LIABILITY; CREDIT ITEM SUBJECT TO ARTICLE 4A

22.1. Liability

A Reserve Bank's liability with respect to a credit item subject to Article 4A is governed by Article 4A, except as otherwise provided in Operating Circular 4. A Reserve Bank is not liable with respect to a credit item subject to Article 4A for any damages other than those payable under Article 4A. A Reserve Bank shall not agree to be liable for consequential damages with respect to a credit item subject to Article 4A under Section 4A-305(d) of Article 4A.

22.2. Compensation and adjustments

A Reserve Bank satisfies its or another Reserve Bank's obligation to pay compensation in the form of interest under Article 4A by crediting the account of a sending bank, a receiving bank, or another party to the item that is entitled to such payment, in an amount calculated in accordance with Section 4A-506 of Article 4A.

22.3. Pass through to party entitled to compensation

If a sending bank or a receiving bank that receives an adjustment in the form of a credit, or an interest payment, is not the party entitled to compensation, the bank shall pass through the benefit of the adjustment or payment by making a payment to the party entitled to compensation. The payment that is made to the party entitled to compensation shall not be less than the value of the adjustment or payment that was made by the Reserve Bank to the sending bank or receiving bank. The party entitled to compensation may agree to accept compensation in a form other than a direct payment if the alternative form of compensation is not less than the value of the payment that otherwise would be made.

23.0 GOVERNING LAW; FORUM

23.1. This operating circular shall be governed by federal law and, to the extent not inconsistent therewith, the laws of the state where the head office of the bank's Administrative Reserve Bank is located excluding the state's law regarding conflicts of law.

23.2. A bank, and its agent, if any, may only bring a legal action against a Reserve Bank for any acts or omissions relating to any activity contemplated by this operating circular that meets the requirements of this section 23.2. A bank, and its agent, if any, must bring such legal action in the United States district court in whose district the head office of the bank's Administrative Reserve Bank is located. Each bank, and its agent, if any, hereby submits to the exclusive jurisdiction of such court. A bank, and its agent, if any, may not assert a claim objecting to a debit to its settlement account made by a Reserve Bank to settle a credit item unless the bank provides notice to its Administrative Reserve Bank consistent with Article 4A-505 and must bring legal action to enforce any such claim within one year from the date of notice. Any other legal action against a Reserve Bank relating to the FedACH Services

must be initiated within one year from the date of the transaction or occurrence that gives rise to the claim.

24.0 RECOVERY BY RESERVE BANK

24.1. If an action or proceeding is brought against a Reserve Bank based on:

(a) an alleged breach of (or an alleged failure to have the authority to make) any of the authorizations and agreements referred to in paragraphs 5.1 and 12.1 of Operating Circular 4 by the sending or receiving bank, or an alleged breach of the applicable ACH rules by the sending bank, the receiving bank or another Reserve Bank; or

(b) any action by the Reserve Bank in accordance with its Operating Circular 4 the Reserve Bank may recover from the sending bank, the receiving bank or the other Reserve Bank, as the case may be, any amount the Reserve Bank is required to pay under a final judgment or decree, together with interest, and the amount of attorneys' fees and other expenses of litigation incurred.

24.2. The Reserve Bank may recover the amount stated in paragraph 24.1 by charging the sending or receiving bank's account (or if the item was received from, sent to, or settled through another Reserve Bank, by charging the other Reserve Bank), if:

(a) the Reserve Bank has made timely written demand on the sending bank, receiving bank, or other Reserve Bank to assume defense of the action or proceeding; and

(b) no other arrangement for payment acceptable to the Reserve Bank has been made.

A Reserve Bank that has been charged under this paragraph may recover from the sending or receiving bank in the manner and under the circumstances set forth in this paragraph. A Reserve Bank's failure to avail itself of the remedy provided in this paragraph does not prejudice its enforcement in any other manner of the indemnity agreements referred to in paragraphs 5.1 and 12.1.

25.0 RIGHT TO AMEND

25.1. The Reserve Banks reserve the right to amend this operating circular at any time without prior notice.

26.0 EFFECT OF THIS OPERATING CIRCULAR ON PREVIOUS OPERATING CIRCULAR

26.1. This operating circular supersedes Operating Circular 4 with an effective date of January 5, 2026, and is effective on December 11, 2026.

Deleted: October 28, 2024

Deleted: January 5

Deleted: January 5, 2026

APPENDIX A: ACH SECURITY PROCEDURES

1.0 GENERAL

1.1 The Reserve Banks offer the following security procedures to each sending bank that is authorized to send ACH items to a Reserve Bank, for the purpose of verifying the authenticity of the source of the ACH items. The security procedures are not used to detect an error in the transmission or the content of the ACH items.

1.2 Prior to selecting any Security Procedure, a sending bank should consider the degree to which the various options satisfy the sending bank's business needs given the size, type and frequency of ACH items sent to a Reserve Bank.

1.3 The Reserve Banks offer the following security procedures to each receiving bank that is authorized to receive ACH items from a Reserve Bank, for the purposes of verifying the authenticity of a request to retrieve ACH items and of maintaining the integrity and security of the Reserve Banks' data systems.

2.0 LEVEL ONE SECURITY PROCEDURES

2.1 The Reserve Banks offer one or more Level One Security Procedures. Level One Security Procedures are available to any bank that sends or receives ACH items by means of an encrypted communication connection between its facilities (or those of the bank's agent) and a Reserve Bank's facilities utilizing a hardware/software system specified by a Reserve Bank. A sending or receiving bank is responsible for ascertaining that its hardware and software systems (or those of its agent) comply with the Reserve Bank's specifications.

2.2 Each of the Level One Security Procedures is comprised of the following: security protocols embedded in the hardware and software associated with the equipment used to initiate, transmit, or receive ACH items; access controls that grant access to the FedACH systems, such as identification codes, confidential passwords, and in some cases digital certificates; and encryption of ACH items during the transmission process. All of the Level One Security Procedures require the bank to implement physical security as well as management controls that protect the hardware and software from unauthorized use.

2.3 The primary differences between the various Level One Security Procedures relate to the strength of the encryption algorithm, the type of software used to access a Reserve Bank's network, and the nature of the connection that a bank uses to access the Reserve Bank's systems.

2.4 The portions of the security procedures that are the responsibility of the bank are more specifically described in security documentation provided by the Reserve Bank. For FedLine Advantage® customers, the documentation includes the "*FedLine Advantage Security and Control Procedures*," the "*FedLine Advantage Monitoring and Control Guidelines," the* "*FedLine Advantage EUAC Access Management Guide*," the "*FedLine Advantage Subscriber Guide*," and Operating Circular 5, including the Certification Practice Statement. For FedLine Direct® customers, this documentation includes the "*FedLine Direct Security*

and Implementation Guide," the *"FedLine Direct Security and Control Procedures,"* the *"FedLine Direct Monitoring and Control Guidelines,"* and Operating Circular 5, including the Certification Practice Statement. For FedLine Command® customers, this documentation includes the "*FedLine Command Security and Implementation Guide,*" the *"FedLine Command Security and Control Procedures,"* the *"FedLine Command Monitoring and Control Guidelines,"* and Operating Circular 5, including the Certification Practice Statement. For FedLine Web® customers, this documentation includes the *"FedLine Web Security and Control Procedures,"* and the *"FedLine Web Subscriber Guide."* The bank is responsible for implementing the procedures set forth in the applicable security documentation provided to it by the Reserve Bank as well as any subsequent modification to the procedures.

2.5 If a bank uses a sending point (and/or a receiving point) that is owned or operated by an entity other than the bank, the bank designates such entity as its agent for the purposes described in paragraphs 3.6 and 7.4 of Operating Circular 4. The designation of such an agent shall in no way affect or diminish any obligation or duty of the bank under this appendix or the security documentation listed in paragraph 2.4 of this appendix. It is the bank's responsibility to ensure that its agent complies with the bank's obligations under this appendix and the security documentation listed in paragraph 2.4 of this appendix.

3.0 LEVEL TWO SECURITY PROCEDURE

3.1 The Level Two Security Procedure is available to any bank that sends ACH items to a Reserve Bank by electronic transmission that does not include both encryption and access controls. It is also used when a bank that normally sends ACH items under one of the Level One Security Procedures defined above is unable to do so because of an equipment or communications failure or other circumstances.

3.2 In the case of electronic transmission of ACH items, the Level Two Security Procedure is incorporated in the transmission process and, in general, includes either access controls or encryption. When ACH items are sent by either physical storage media supported by the Reserve Bank or through electronic transmission that does not include either encryption or access controls, the Level Two Security Procedure includes a procedure whereby the sending bank or its agent provides file control information i.e., file ID, debit and credit dollar amounts, and entry/addenda count to a Reserve Bank and then the Reserve Bank compares that information against the file(s) it actually receives. The control information may be provided by a transmittal register or a telephone call. When the control information is provided by this means, it will be verified by a call back from the Reserve Bank.

APPENDIX A1: ACH SECURITY PROCEDURE AGREEMENT

Date:_____
To: Federal Reserve Bank of_____
_____Office

Attention: Manager: ACH Operations

We agree to the provisions of the Federal Reserve Banks' Operating Circular 4, entitled "*Automated Clearing House Items*" and its appendices ("Circular"), as amended from time to time, and to the Reserve Bank's Operating Circular 5 entitled "*Electronic Access*" and the Certification Practice Statement incorporated in Operating Circular 5, as amended from time to time.

If we use an encrypted communications line with access controls for the transmission of ACH Items to a Reserve Bank, we will choose one of the Level One Security Procedures as generally described in Appendix A to the Circular, as such security procedure may be modified from time to time by the Reserve Banks. If you offer more than one Level One Security Procedure, when we use one of the Level One Security Procedures, we reject the other Level One Security Procedure(s) offered by you. We also agree that this procedure will be used if we receive ACH items by means of an encrypted electronic communications line with access controls. The chosen Level One Security Procedure will be used for the purpose of verifying that ACH items were sent or received by us.

If we use a method other than an encrypted communications line with access controls for the transmission of ACH items, we reject the Level One Security Procedures and choose the Level Two Security Procedure generally described in Appendix A to the Circular, as such security procedure may be modified from time to time by the Reserve Banks. This security procedure will be used for the purpose of verifying that ACH items were sent or received by us.

We understand that the Level Two Security Procedure as well as any of the Level One Security Procedures may be deemed commercially reasonable pursuant to Section 4A-202(c) of Article 4A of the Uniform Commercial Code.

Whenever we choose to use one of the Level One Security Procedures or the Level Two Security Procedure, we agree to be bound by any ACH item, whether or not authorized, sent in our name and accepted by a Reserve Bank in compliance with such procedure.

We understand that the Level One and Level Two Security Procedures will not be used to detect any error in the transmission or content of ACH items.

We also understand and agree that the security procedures established by this Agreement may be changed only by an amendment to Appendix A or other written agreement. The Agreement may not be changed by an oral agreement or by a course of dealing or custom.

Name of Bank _____

Authorized Signature _____

Deleted: January 5, 2026

APPENDIX B: ACH ITEMS TIME SCHEDULE

1.0 BANKING DAY; DEADLINES; SETTLEMENT TIMES

1.1 BANKING DAY

The Reserve Banks' banking day for receipt of ACH items is from 3:00 a.m. ET to 2:59 a.m., ET on the next calendar day.

Reserve Banks process and transmit files up until 6:00 a.m., ET on the calendar day on which the banking day for receipt ends. Certain other times apply before and after weekends and holidays.

2.0 EFFECTIVE DATE WINDOWS

2.1 Items (other than returns and notifications of change (NOCs)) should specify an effective date within the following effective date windows, computed from the Reserve Banks' banking day of receipt.

Class	Effective Date Window
Credit Items	One or Two Banking Days
Debit Items	One Banking Day Only

Items received with an effective date later than the effective date window will be returned to the sender.

2.2 Same day items must specify in the effective date field no value or any value other than a date that is later than the banking day the Reserve Bank receives the item.

3.0 SETTLEMENT DATES

3.1 Items with an effective date of one banking day are settled on the Reserve Banks' banking day following the banking day of receipt. Items with an effective date of two banking days are settled on the second banking day following receipt. Forward items and NACS (National Association of Check Safekeeping) items with an effective date the same as, or earlier than, the Reserve Banks' banking day of receipt that are eligible for Same Day settlement and return items that we receive electronically will be settled on the day the Reserve Bank receives the items if the items are received prior to the last cutoff for submission of items for same day settlement set forth in the FedACH Processing Schedule. Same Day items received after the last same day cutoff time will settle on the next banking day.

3.2 If an item qualified for Same Day settlement does not specify an effective date, that item will settle on the banking day of receipt. If an item not qualified for same day settlement does not specify an effective date or specifies an effective date the same as or earlier than the banking day of receipt, the

Deleted: January 5, 2026

settlement date is the banking day following receipt. If an item specifies a settlement date that is not a banking day, the settlement date is the next banking day.

3.3 If an item specifies a settlement date that is not a banking day for the sending bank or the receiving bank, settlement is effected, with respect to that party, as follows:

Debit Items:

Sending bank closed: Credit sending bank's account on settlement date.
Receiving bank closed: Debit receiving bank's account on settlement date or receiving bank may choose next day debit with an explicit charge for float.

Credit Items:

Sending bank closed: Debit sending bank's account on settlement date.
Receiving bank closed: Credit receiving bank's account on settlement date.

The receiving bank is not considered to receive an item made available to it on the day it is closed until its next banking day for purposes of determining the deadline for return.

4.0 STANDARD HOLIDAYS

4.1 The Reserve Banks' banking days include all days except the following standard holidays:

All Saturdays,
All Sundays,
New Year's Day (January 1),
Martin Luther King Day (third Monday in January).
Presidents' Day (third Monday in February),
Memorial Day (last Monday in May),
Juneteenth, (June 19th)
Independence Day (July 4),
Labor Day (first Monday in September),
Columbus Day (second Monday in October),
Veterans Day (November 11),
Thanksgiving Day (fourth Thursday in November), and
Christmas Day (December 25).

If January 1. July 4, November 11, or December 25 falls on a Sunday, the next following Monday is a standard Reserve Bank holiday.

Deleted: January 5, 2026

APPENDIX C: PREFUNDING OF ACH CREDIT ORIGINATIONS BY SENDING OR CORRESPONDENT BANK

1.0 GENERAL

1.1 In order to reduce the risk of loss to Reserve Banks resulting from the finality of credit items, the Administrative Reserve Bank of a (sending or correspondent) bank that settles for credit item originations and whose account the Reserve Bank monitors in real time may notify the bank to prefund in accordance with this Appendix credit items that settle through the bank's account at the time a Reserve Bank processes the items.

A sending bank, by sending credit items, and a correspondent bank, by agreeing to settle for items, agree as follows:

2.0 DEFINITIONS

2.1 For purposes of this Appendix:

Settling Bank means a sending bank that originates credit items, or the correspondent bank whose account the sending bank uses for settlement, that has been notified by its Administrative Reserve Bank that it must prefund the credit item originations that settle through its account.

Prefund means to pay, in actually and finally collected funds, to the Settling Bank's Administrative Reserve Bank, the total amount of all ACH credit item originations, including credit items originated through an ACH operator (other than a Reserve Bank), at the time a Reserve Bank processes the items.

3.0 PREFUNDING OF ACH CREDIT ITEMS

3.1 The Settling Bank's Administrative Reserve Bank may in its discretion, by notice to the Settling Bank, require that the Settling Bank irrevocably make available to the Administrative Reserve Bank, in actually and finally collected funds, the total amount of all ACH credit item originations at the time a Reserve Bank processes the items (to Prefund). The Settling Bank authorizes its Administrative Reserve Bank, at the time a Reserve Bank processes the items, to deduct from the Settling Bank's account the amount needed to Prefund the credit items.

3.2 If the Settling Bank fails or refuses to Prefund the full amount of ACH credit items originated, the Reserve Banks may, in their discretion, refuse to process any batch containing credit item originations (including a batch with both credit items and debit items) that has not been Prefunded. If the Settling Bank only partially Prefunds the total amount of ACH credit item originations, the Reserve Banks may, in their sole discretion, determine which batch of credit items shall be considered to have been Prefunded, or may refuse to settle for all the items, and will notify the sending (and a settling correspondent) bank.

3.3 If the Settling Bank Prefunds the ACH credit items originated, its obligation to settle in respect of the Prefunded ACH credit items originated up to the amount

Deleted: January 5, 2026

of the Prefunding shall be automatically satisfied and discharged and replaced by an irrevocable obligation of a Reserve Bank to settle for the Prefunded items on the settlement date.

3.4 A Reserve Bank shall have no obligation to the Settling Bank for interest or other compensation or adjustment for the Prefunded amount between the date of Prefunding and the settlement date.

4.0 MISCELLANEOUS

4.1 The Reserve Banks reserve the right to defer the availability of some or all of the credit arising from ACH debit items originated by the sending bank.

4.2 The Reserve Banks shall have no responsibility for any rights or obligations between a sending bank and its correspondent relating to this Appendix.

4.3 To the extent of any inconsistency between this Appendix and Operating Circular 4, the provisions of this Appendix shall govern.

4.4 The Reserve Banks reserve the right to amend this Appendix at any time without prior notice.

Deleted: January 5, 2026

APPENDIX D: GOVERNMENT ACH ITEMS

1. The Reserve Banks handle ACH items for which an agency of the Federal Government is the sending bank or the receiving bank (Government ACH items) as fiscal agents of the United States under Treasury Department regulations, including 31 CFR Parts 210, 203, and 370, and Treasury procedures. As to matters those regulations and procedures do not cover, Operating Circular 4 applies. The rules and procedures may differ between commercial and Government ACH items, and between Government ACH items of different classes.

2. A Reserve Bank makes the amount of all Government credit items sent to a receiving bank available for withdrawal or other use by the receiving bank on the banking day specified under Treasury Department regulations and at the settlement times specified in the FedACH Processing Schedule. A Reserve Bank may cease acting on a Government ACH item at any time upon direction of the Treasury Department and, if so, will so notify the bank.

3. Unless expressly authorized in writing by the Treasury Department, a sending bank shall not, under any circumstances, send a debit item designating the Government as receiving bank.

4. A Reserve Bank shall not have or assume any responsibility or liability to any person other than the Treasury Department with respect to Government ACH items.

Deleted: January 5, 2026

APPENDIX E: FEDACH RISK® ORIGINATION MONITORING

1.0 GENERAL

1.1 The Reserve Banks offer a FedACH Risk Origination Monitoring Service (Service) to sending banks that enables a sending bank to select specific criteria for monitoring batches of forward ACH items that the sending bank sends to a Reserve Bank. This appendix further describes the available criteria offered under this Service and provides the terms and conditions under which the Reserve Banks offer the Service.

2.0 DEFINITIONS

Terms not defined in this Appendix will have the same meaning as such terms are defined in Operating Circular 4.

2.1 **Customer** means a sending bank that has signed up for the Service, following procedures established by the Reserve Banks.

2.2 **Company Identification,** with respect to a batch, means the data contained in the 10 character "company identification" field (or "originator identification" field for IAT batches) in the batch's batch header record, as described in the "ACH record format specifications" in the Nacha Operating Rules.

2.3 **Company Identification Inclusive** means a Customer is using Monitor Companies and has elected to pend any batches associated with an **Unmonitored Company**.

2.4 **Company Identification Select** means a Customer is using **Monitor Companies** and has elected not to pend any batches associated with an **Unmonitored Company**.

2.5 **Credit Cap** means a dollar amount of forward credit items contained in certain batches sent by a Customer to a Reserve Bank.

2.6 **Debit Cap** means a dollar amount of forward debit items contained in certain batches sent by a Customer to a Reserve Bank.

2.7 **End of Day Default** means a preestablished instruction from a Customer to the Reserve Bank either to process or to reject at the end of a banking day any batch that has pended under the Service and that a Customer has not yet released or rejected.

2.8 **Exposure Days** refers to the monitoring of all the forward credit items sent by a Customer and received by the Reserve Bank during the current banking day plus two previous banking days and to all the forward debit items sent by a Customer and received by the Reserve Bank during the current banking day plus three previous banking days.

2.9 **Managed Batch** means a batch of forward ACH items that a Customer sends to the Reserve Bank that is identified in the batch header record by a Monitored Routing Transit Number.

2.10 **Managed Company Identification** means a Company Identification that a Customer has designated, as provided in sections 6.0 and 7.0 of this Appendix. **Managed Company Identification** is associated with a **Managed Routing Transit Number.**

2.11 **Managed Routing Transit Number** means a Bank Routing Transit Number that has been issued to a Customer by Accuity and that a Customer has designated, as provided in sections 6.0 and 7.0 of this Appendix.

2.12 **Monitor Companies** means a Customer is monitoring one or more **Managed Company Identification(s)**, as provided in sections 3.0 of this Appendix.

2.13 **Monitor Routing Transit Number** means a Customer is monitoring a **Managed Routing Transit Number**, as provided in section 3.0 of this Appendix.

2.14 **Process Day** refers to the monitoring of all the forward credit or debit items sent by a Customer and received by the Reserve Bank during the banking day.

2.15 **Same Day Default** means a pre-established instruction from a Customer to the Reserve Bank to process at the last Same Day deadline any batch that contains Same Day entries which has pended under the Service and that a Customer has not yet released or rejected.

2.16 **Unmonitored Company** means a **Company Identification** that is associated with a **Managed Routing Transit Number** but which has not been defined as a **Managed Company Identification(s)**.

3.0 SERVICE VERSIONS AND SELECTIONS

3.1 A Customer chooses either the **Monitor Routing Transit Number or the Monitor Companies** version of the Service.

(a) Under the **Monitor Routing Transit Number** version, a Customer designates only a **Managed Routing Transit Number** to identify the batches that are subject to the Service. Under this version:

(i) When the Reserve Bank receives a Managed Batch the Reserve Bank will handle the batch as provided below in sections 4.0 of this Appendix.

(ii) All batches that the Reserve Bank receives from a Customer that are not identified by a Managed Routing Transit Number will not be subject

to this Appendix but will be processed in accordance with Operating Circular4.

(b) Under the **Monitor Companies** version**,** a Customer designates a Managed Routing Transit Number and also designates one or more Managed Company Identification(s) that are used to identify the batches that are subject to the Service. A Customer can further classify the monitoring as being either **Company Identification Select** or **Company Identification Inclusive** by how an **Unmonitored Company** should be handled.

(i) If a Customer selects to pend batches for an **Unmonitored Company,** then the Customer is monitoring under **Company Identification Inclusive:**

- When the Reserve Bank receives a Managed Batch identified by a Managed Routing Transit Number and an associated Managed Company Identification the Reserve Bank will handle the batch as provided below in section 4.0 of this Appendix.
- When the Reserve Bank receives a Managed Batch from a Customer that is identified by a Managed Routing Transit Number and a Company Identification that is not an associated Managed Company Identification, the Reserve Bank will pend the batch and handle the batch as provided in sections 4.0 of this Appendix.
- All batches that the Reserve Bank receives from a Customer that are not identified by a Managed Routing Transit Number will not be subject to this Appendix but will be processed in accordance with Operating Circular4.

(ii) If a Customer selects not to pend baches for an **Unmonitored Company** then the Customer is monitoring under **Company Identification Select**:

- When the Reserve Bank receives a Managed Batch identified by a Managed Routing Transit Number and an associated Managed Company Identification the Reserve Bank will handle the batch as provided in sections 4.0 of this Appendix.
- All batches that the Reserve Bank receives from a Customer that (i) are not identified by a Managed Routing Transit Number, or (ii) identified by a Managed Routing Transit Number and a Company Identification that is not an associated Managed Company Identification will not be subject to this Appendix but will be processed in accordance with Operating Circular4.

3.2 A Customer may establish a Credit Cap and/ or Debit Cap for

(a) each Managed Routing Transit Number it has designated under the Monitor Routing Transit Number version of the Service, or

(b) each Managed Routing Transit Number and associated Managed Company Identification under the Monitor Companies version of the Service.

3.3 A Customer selects a **Process Day** or **Exposure Days** method for each Credit Cap and/ or Debit Cap it has established.

(a) Under the **Process Day** method, a Credit Cap or Debit Cap applies to all the forward credit or debit items sent by a Customer and received by the Reserve Bank during the banking day.

(b) Under the **Exposure Days** method, a Credit Cap applies to all the forward credit items sent by a Customer and received by the Reserve Bank during the current banking day plus two previous banking days and a Debit Cap applies to all the forward debit items sent by a Customer and received by the Reserve Bank during the current banking day plus three previous banking days.

3.4 A Customer must select an **End of Day Default** and optionally select a **Same Day Default** for

(a) each Managed Routing Transit Number it has designated under the **Monitor Routing Transit Number** version of the Service, or

(b) each Managed Company Identification it has selected under the **Monitor Companies** version of the service.

3.5 In addition, a Customer who selects to perform **Company Identification Inclusive** monitoring must also establish an End of Day Default and optionally a Same Day Default that applies to each Managed Routing Transit Number in the event that the Reserve Bank pends a batch under the circumstances described in 3.1(b)(i) of this Appendix.

4.0 SERVICE

4.1 When a Customer sends a Managed Batch to the Reserve Bank, the Reserve Bank will perform the Service as described in this paragraph 4.

4.2 With respect to batches described in sections 3.1(a)(i), and 3.1(b)(i) of this Appendix, the Reserve Bank will determine whether the value of the forward items contained in these batches would exceed a Credit Cap or Debit Cap.

(a) If a batch does not exceed a Credit Cap or Debit Cap, the Reserve Bank will release the batch for processing and the Reserve Bank will thereafter handle the items in the batch in accordance with Operating Circular 4.

(b) If a batch does exceed a Credit Cap or Debit Cap, the Reserve Bank will pend the Managed Batch.

4.3 When a Managed Batch has been pended pursuant to the terms of this Appendix, the Reserve Bank will send an email notification to email addresses that the Customer has designated.

(a) The email from the Reserve Bank will notify the recipient that the Reserve Bank has pended a batch or batches and will request the Customer to release or reject the pended batch or batches.

(b) A Customer contact who has authority to release or reject the pended batch may thereafter release or reject the pended batch or batches, using procedures established by the Reserve Bank, specifically for the purposes of the Service.

4.4 At the final Same Day deadline on the banking day on which the Reserve Bank has pended a Managed Batch that contains Same Day eligible entries, the Reserve Bank will release the batch in accordance with a Customer's Same Day Default that applies to the batch.

4.5 If no authorized Customer contact releases a Managed Batch or a Managed Batch is not released by default action as described in 4.4 of this Appendix, Managed Batches that contain same day items prior to the final deadline for receipt of items for same day settlement set forth in the FedACH Processing Schedule on the banking day on which the Reserve Bank has pended a Managed Batch, the same day items will not settle on that day.

4.6 If no authorized Customer contact releases or rejects a Managed Batch or no action to release a Managed Batch by Same Day Default as described in 4.4 of this Appendix, prior to the end of day deadline on the banking day on which the Reserve Bank has pended a Managed Batch, the Reserve Bank will either release or reject the batch in accordance with a Customer's End of Day Default that applies to the batch.

4.7 The Reserve Bank will also apply the End of Day Default and Same Day Default in contingency situations in which a batch has pended under the Service and a Customer is unable to release or reject, as applicable, a Managed Batch using procedures established by the Reserve Bank specifically for the purposes of the Service.

5.0 RELATION TO OPERATING CIRCULAR 4 AND SECURITY PROCEDURES

With respect to an ACH item, the Service is a preprocessing service, separate and distinct from the ACH services offered by the Reserve Bank under Operating Circular 4. If an item is in a Managed Batch, a Customer has not sent that item to the Reserve Bank for purposes of Operating Circular 4 or Article 4A of the Uniform Commercial Code until the Service has been completed with respect to that item and the item has been released for processing.

The Service does not vary the Reserve Bank's security procedures, described in Appendix A of Operating Circular 4, or a Customer's ACH Security Procedure Agreement with the Reserve Bank. Further, the Service does not constitute a written

agreement or instruction, as described in section 4A-202(b) of the Uniform Commercial Code, that restricts the Reserve Bank's acceptance of a payment order.

6.0 CUSTOMER DUTIES

6.1 Following procedures established by the Reserve Bank specifically for the purposes of the Service, before the Reserve Bank will activate the Service, a Customer must:

(a) Designate Managed Routing Transit Numbers;

(b) Select one of the two versions of the Service for each Managed Routing Transit Number; as provided in section 3.0 of this Appendix;

(c) Designate any Managed Company Identifications associated with each Managed Routing Transit Number;

(d) Establish Credit Caps and/or Debit Caps as appropriate;

(e) Choose a **Process Day** or **Exposure Days** method for each Credit Cap and Debit Cap;

(f) Establish an End of Day Default or Defaults as appropriate;

(g) If a Customer has chosen the **Company Identification Inclusive** monitoring, establish an End of Day and Same Day Default that applies under the circumstances described in section 3.1(b)(i) of this Appendix; and

(h) Identify email addresses to receive email notifications regarding batches pended under this Appendix.

6.2 Following procedures established by the Reserve Bank specifically for the purposes of the Service, before the Reserve Bank will activate the Service, a Customer must, at a minimum, designate one or more contacts who individually or in conjunction with other contacts have the following authority regarding the Service:

(a) To set and edit the Service criteria listed in section 3.0 of this Appendix, and/or

(b) To view batches pended under the Service, and/or

(c) To reject or release for processing batches pended under the Service.

6.3 A Customer must manage its operations so as to permit it to receive notices, messages, and information in a timely manner throughout the day and night. If a Customer is unable to receive notices, messages, or information when the Reserve Bank attempts to send a notice, message, or information, the Reserve Bank:

(a) shall be deemed to have sent the notice, message or information when the Reserve Bank attempted to transmit the notice, message, or information, and

(b) shall have no duty to attempt to resend the notice, message, or information.

6.4 A Customer shall indemnify, hold harmless, and defend a Reserve Bank against any claim, loss, liability, or expense (including reasonable attorneys' fees and expenses of litigation) incurred by the Reserve Bank in connection with its performance of the Service, except for any claim, loss, liability, or expense arising solely from the Reserve Bank's failure to exercise ordinary care or to act in good faith.

7.0 PROCEDURES

7.1 A Customer agrees to use the Service by having an individual who is designated on a Customer's Official Authorization List complete and execute an agreement in a form provided by the Reserve Bank.

7.2 An individual who is designated on a Customer's Official Authorization List must designate an End User Authorization Contact (EUAC), following the practices and procedures of the Reserve Banks' Certification Practice Statement. An EUAC must designate, following the practices and procedures of the Certification Practice Statement, all individuals who will have authority to:

(a) designate and edit the Service criteria listed in section 3.0 of this Appendix, and/or

(b) view batches that have pended under this Appendix, and/ or

(c) release or reject batches that have pended under this Appendix.

The Reserve Bank shall have no liability for any loss resulting from Customer's failure to designate, following the practices and procedures of the Certification Practice Statement, an EUAC or individuals with the authority described in this section.

7.3 A properly designated Customer Contact may exercise any of the authorities listed in section 7.2 of this Appendix by using electronic access to FedACH Information Services.

8.0 RESERVE BANK DISCLAIMERS

8.1 VARIANT COMPANY IDENTIFICATIONS OR BANK ROUTING NUMBERS

The Reserve Bank has no means of verifying that an originator or third-party processor uses a Company Identification that a Customer has assigned to the originator or processor and specified as a Managed Company Identification.

Originators or third-party processors who create their own batch header records control the data in the company identification field. Variation of the Company Identification in a batch header record may permit an originator or processor to

circumvent the Debit Cap or Credit Cap set by a Customer that uses the Company Identification Select version.

8.2 If a Customer has more than one valid routing number, an originator or third-party processor who creates their own batch header records may use a routing number other than a Managed Routing Transit Number that a Customer expects the originator to use. Such a variation of the routing number in a batch header record may permit an originator or processor to circumvent the Debit Cap or Credit Cap set by a Customer.

8.3 The Service only tracks forward items sent by a Customer. Returned debit and credit items will not be subject to this Appendix. This means that return items contained in batches that are identified by a Managed Routing Transit Number or a Managed Routing Transit Number and associated Managed Company Identification will continue to process even though forward items in Managed Batches identified by the same Managed Routing Transit Number or Managed Routing Transit Number and associated Managed Company Identification are pending under the Service. Return items will also not be subtracted from forward aggregate credit and debit totals.

8.4 Some originators balance their batches by including in a batch an offsetting debit or credit item equal to the batch's total amount of credit or debit items. The Service will not screen for or prevent originators from balancing their batches. Further, the Service will not net debits and credits from the forward aggregate credit and debit totals. This means that offsetting entries will count towards a Customer's Credit Cap or Debit Cap and may prevent straight through processing of batches.

8.5 The Service will not prevent fraud or risky behavior by ACH participants. The Service supplements but does not replace a Customer's other ACH risk management tools.

8.6 NOT A REAL TIME SERVICE

Certain aspects of the Service are provided manually and thus do not occur in real time. Specifically:

(a) When a Customer instructs the Reserve Bank to release or reject a pended batch via FedACH Information Services, the Reserve Bank will execute the instruction within a reasonable period of time but not instantaneously. It is possible that a Customer's Same Day Default or End of Day Default may override an instruction to release or reject a batch, if the Reserve Bank is unable to execute the instruction before the final same day or end of day deadline.; and

(b) The email notifications regarding pended batches that the Reserve Bank sends to specified email addresses will not be sent immediately after a batch pends.

8.7 RELEASE OF PENDED BATCHES IN CERTAIN CONTINGENCY SITUATIONS

In the event of an emergency or failure of Reserve Banks' hardware, software, data transmission capabilities, or operational facilities, the Reserve Banks may elect in their sole discretion to release all batches that have been pended under the Service. The Reserve Bank may or may not be able to add the value of such released batches into Customer's applicable aggregate credit and debt totals.

The Reserve Bank will have no liability for loss or harm resulting from a problem with such releases of pended batches beyond its reasonable control.

9.0 LIABILITY

The Reserve Bank shall have no liability with respect to the Service to any party other than a Customer. The Service is not an insurance policy against all loss or harm that may result from ACH originations. The Reserve Bank will be liable only for the Reserve Bank's negligent acts or omissions or lack of good faith in performing the Service. The amount of the Reserve Bank's liability to a Customer for any claim, loss, liability or expense caused by the Reserve Bank's own negligence or lack of good faith in providing the Service will be limited to the FedLine Web® monthly access fee plus any fees charged for the Service during the one month immediately preceding the transaction or occurrence which gives rise to the liability. Any legal action against a Reserve Bank with respect to the Service must be initiated by a Customer within one year from the date of the transaction or occurrence that gives rise to the claim.

10.0 FORCE MAJEURE

If the Reserve Bank or a Customer is unable to perform its duties under this appendix because of interruption of communication or computer facilities, emergency conditions, failure of equipment, or other circumstances beyond its control, such nonperformance is excused so long as the party exercises such due diligence as the circumstances require.

APPENDIX F: FEDACH® INFORMATION SERVICES

1.0 GENERAL

1.1 The Reserve Banks provide certain information services that are based on data contained in or information related to items but that are separate and distinct from the clearing and settlement services described in Operating Circular 4. All of the particular services described in this Appendix F and Appendices F1, F2, and F3 are, collectively, the FedACH Information Services. Terms and conditions that apply to all FedACH Information Services are set forth in this Appendix F. Terms and conditions that apply specifically to the FedPayments® Reporter Service are set forth in Appendix F1. Terms and conditions that apply specifically to the RDFI Alert Service are set forth in Appendix F2. Terms and conditions that apply specifically to the FedACH Information File Service are set forth in Appendix F3. To the extent that this Appendix F or Appendix F1, F2, or F3 differs from Operating Circular 4, the terms of Appendices F, F1, F2 and F3 shall govern.

1.2 Banks agree to receive FedACH Information Services using procedures established by the Reserve Banks.

2.0 DEFINITIONS

2.1 **Customer** means, with respect to a particular FedACH Information Service, a sending bank or receiving bank, as applicable, that has signed up for that service using procedures established by the Reserve Banks from time to time.

2.2 **Nonpayment File** means an electronic file that

(a) is identified by the sender of the file, in accordance with technical specifications defined by the Reserve Banks, as a file containing information related to ACH transactions that is being sent only for informational purposes, as described in this Appendix F or Appendix F1, F2 or F3, and not for clearing and settlement; and,

(b) is transmitted from a bank or bank's agent to a Reserve Bank, or from a Reserve Bank to a bank or bank's agent, using any Electronic Access service provided by a Reserve Bank.

2.3 **Information Point** means a device that is connected to a Reserve Bank's electronic systems and is designated or used by a bank to send Nonpayment Files to a Reserve Bank or receive Nonpayment Files from a Reserve Bank.

2.4 **Service Participation Point** means a device that is connected to the Reserve Banks' electronic systems and that is designated or used by a bank for purposes of accessing and administering FedACH Information Services pursuant to Appendix F, F1, F2 or F3 but that is not used to send or receive Nonpayment Files.

Deleted: January 5, 2026

3.0 FEDACH INFORMATION SERVICES

3.1 A bank that accesses FedACH Information Services through its own electronic connection may access and use the Reserve Banks' electronic systems to obtain and view such information or reports related to the bank's use of the FedACH Information Services as the Reserve Banks may choose to make available from time to time. Not every form of electronic access to the Reserve Banks' systems for processing items may be used to obtain access to FedACH Information Services.

3.2 The Reserve Banks routinely delete from their systems information that is no longer current. The Reserve Banks do not offer access to information or reports that have been deleted from the Reserve Banks' systems in the ordinary course of business.

3.3 By using the FedACH Information Services, a bank agrees to the terms of Operating Circular 5 and Operating Circular 1, as each may be amended from time to time.

4.0 SERVICE PARTICIPATION POINT FOR FEDACH INFORMATIONSERVICES

4.1 A bank may designate a Service Participation Point for FedACH Information Services offered by the Reserve Banks pursuant to this Appendix F. A bank may use its Service Participation Point to access and administer FedACH Information Services for one or more of the bank's routing numbers. A bank may also use an electronic connection that is owned or operated by an entity other than the bank itself as its Service Participation Point. By designating a Service Participation Point that is operated by another entity, a bank thereby designates the entity as its Service Participation Point manager.

4.2 A bank designates a Service Participation Point and, when applicable, a Service Participation Point manager by following procedures established by the Reserve Banks.

4.3 By designating a Service Participation Point manager for one or more a FedACH Information Services, a bank authorizes the Service Participation Point manager to act as the bank's agent with respect to that service. The bank authorizes its Service Participation Point manager to do anything the bank may do with respect to the setup and ongoing administration of the service.

4.4 A Service Participation Point manager is a Service Provider for purposes of Operating Circular 5 and the Service Participation Point manager's access to the FedACH Information Services via the FedLine Web® access channel is governed by Operating Circular 5 and the Certification Practice Statement.

4.5 A bank agrees that its Service Participation Point manager may be granted credentials authorizing such agent to access the Reserve Banks' systems for purposes of administering the FedACH Information Services for which the bank has designated it the Service Participation Point manager.

4.6 A bank agrees to be bound by its Service Participation Point manager's acts or omissions with respect to the FedACH Information Services for which the Service Participation Point manager was designated.

4.7 The Reserve Banks may rely on a bank's agency appointment of a Service Participation Point manager until the appointment is revoked or amended in writing and the Reserve Banks have reasonable time to respond to such revocation or amendment.

5.0 SENDING AND RECEIVING NONPAYMENT FILES

5.1 For some FedACH Information Services, a Reserve Banks will receive Nonpayment Files from a bank or send Nonpayment Files to a bank. For such services, a bank may designate an Information Point by following procedures established by the Reserve Banks.

5.2 When a bank sends files to a Reserve Bank for purposes of a FedACH Information Service, the bank is solely responsible for identifying the files, in accordance with technical specifications defined by the Reserve Bank, as Nonpayment Files. Any NACHA formatted files sent to a Reserve Bank that are not identified as Nonpayment Files are payment files subject to clearing and settlement under Operating Circular 4. A bank that sends such a payment file in error to a Reserve Bank, whether directly or through an agent:

(a) is a sending bank under Operating Circular 4 and undertakes all the legal responsibilities and liabilities of a sending bank under Operating Circular 4; and

(b) agrees to indemnify the Reserve Banks from any claim, loss, or harm (including reasonable attorney's fees and expenses of litigation) that results from the Reserve Bank's receipt or subsequent clearing and settlement of the file except, for any claim, loss, liability, or expense arising solely out of the Reserve Bank's failure to exercise ordinary care or to act in good faith.

5.3 By sending Nonpayment Files to a Reserve Bank or receiving Nonpayment Files from a Reserve Bank using an Information Point that is owned or operated by an entity other than the bank itself, a bank designates the entity that owns or operates the Information Point as the bank's Information Point agent for sending or receiving Nonpayment Files.

5.4 By designating an Information Point agent, a bank:

(a) agrees that the Reserve Banks have received a file from the bank when the agent sends the file to the Reserve Banks;

(b) agrees that the Reserve Banks have delivered a file to the bank when the Reserve Banks (i) transmit the file to the agent or (ii) make the file available to the agent for retrieval on a Reserve Bank storage device;

(c) authorizes the Reserve Banks to act upon the instructions of the agent with respect to handling files sent to or received by the agent on behalf of the bank;

(d) authorizes the Reserve Banks to act upon the information sent to a Reserve Bank by the agent;

(e) agrees to be bound by the agent's acts or omissions with respect to Nonpayment Files; and

(f) authorizes the Reserve Bank holding its settlement account to debit such account for fees owed to a Reserve Bank in connection with Nonpayment Files sent to a Reserve Bank or received from a Reserve Bank by the agent.

5.5 The access of the bank's Information Point agent to the Reserve Banks' electronic systems is governed by Operating Circular 5 and the applicable Certification Practice Statement.

5.6 The Reserve Banks may rely on a bank's designation of an Information Point agent until the designation is revoked in writing and the Reserve Banks have had a reasonable amount of time to respond to the revocation.

5.7 A bank agrees to indemnify, defend, and hold the Reserve Banks harmless against any claim, loss, cost, or expense (including reasonable attorneys' fees and expenses of litigation) resulting from (i) the acts or omissions of the bank's agent; (ii) a Reserve Bank's acts or omissions in carrying out the instructions of such agent within the scope of the agency appointment; (iii) a Reserve Bank's actions upon information sent to a Reserve Bank by a bank's agent; or (iv) the third party access arrangement, except, with respect to (i) through (iv), for any claim, loss, cost, or expense arising solely out of a Reserve Bank's failure to exercise ordinary care or to act in good faith.

6.0 LIABILITY

6.1 With respect to any use that a bank makes of a FedACH Information Service, a Reserve Bank shall be liable only:

(a) to the bank, and not to any third party;

(b) for loss or damage proximately caused by the Reserve Bank's failure to exercise ordinary care or by its own or its employees' willful misconduct; and

(c) up to the amount of: (i) any fee the bank paid to the Reserve Banks specifically for the FedACH Information Service during the one -month period preceding the transaction or occurrence giving rise to the loss or damage; or (ii) if the bank paid no fee to the Reserve Banks specifically for the FedACH Information Service during the one month period preceding the transaction or occurrence giving rise to the loss or damage, the amount of the access fee paid by the bank to the Reserve Banks for the bank's electronic connection to the Reserve Banks' FedACH Information Service during the one month period preceding the transaction or occurrence giving rise to the loss or damage.

Deleted: January 5, 2026

In no event shall the Reserve Banks be liable for any special or consequential damages.

6.2 Any legal action against a Reserve Bank with respect to a FedACH Information Service must be initiated by a bank within one year from the date of the transaction or occurrence that gives rise to the claim.

Deleted: January 5, 2026

APPENDIX F1: FEDPAYMENTS® REPORTER SERVICE

1.0 GENERAL

1.1 The Reserve Banks offer a FedPayments Reporter Service (Service) that presents information contained in certain ACH files as human readable reports and machine-readable files. The Service makes the reports available in electronic form to Customers via the electronic channels specified below. This Appendix F1 and applicable sections of Appendix F provide the terms and conditions under which the Reserve Banks offer the Service.

2.0 DEFINITIONS

2.1 **On Demand Report** means a Report that a Customer generates at any time by accessing FedACH® Information Services via the FedLine Web® access channel and requesting that a Report be created based upon criteria that Customer has provided using procedures established by the Reserve Banks, specifically for the purposes of the Service.

2.2 **Report** means an electronic record of information that (i) was extracted from information contained in a payment file that was sent (or received) by Customer to (or from) a Reserve Bank under Operating Circular 4, and/or from information in a Nonpayment File that was sent by Customer to a Reserve Bank under Appendix F; (ii) is related to one or more ACH items, originators, or receivers; and (iii) is available for access in different electronic formats.

2.3 **Scheduled Report** means a Report that the Service periodically generates based upon criteria that a Customer has provided using procedures established by the Reserve Banks, specifically for the purposes of the Service.

3.0 THE SERVICE

3.1 In carrying out the Service the Reserve Banks will create and make available Reports requested by Customer using procedures established by the Reserve Banks specifically for the purposes of the Service.

3.2 Pursuant to Appendix F, a Customer may send Nonpayment Files to the Reserve Banks so that the Service may include information from those files in the Reports that the Service creates and makes available to Customer. Only certain Reports are available for information sent to the Reserve Banks in Nonpayment Files.

3.3 The Service makes Scheduled Reports available to Customer in three ways.

(a) Customer may access, download, and print Scheduled Reports from the FedACH Information Services website via the FedLine Web access channel;

(b) Customer may instruct the Reserve Banks using procedures established by the Reserve Banks specifically for the purposes of the Service, to make certain Scheduled Reports available to designated email addresses via an

Deleted: January 5, 2026

encrypted email channel that the Reserve Bank has selected and Customer has agreed to use[2]; or

(c) Customer may instruct the Reserve Banks using procedures established by the Reserve Banks specifically for the purposes of the Service, to send Scheduled Reports to Customer's sending point, receiving point, or Information Point via the Reserve Banks' ACH file delivery channels.

Scheduled Reports will remain on the FedACH Information Services website available through the FedLine Web access channel for Customers for at least 10 banking days from the date that the Service generates the reports.

3.4 From the FedACH Information Services website available through the FedLine Web access channel, Customer may request On Demand Reports, which the Service will generate and display in a temporary browser window. Customer may download or print an On Demand Report from the temporary browser window. The Service will not retain an On Demand Report once the temporary browser window is closed, though Customer may request that the Service regenerate the Report. Customer will pay a fee for each request for an On Demand Report.

4.0 CUSTOMER RESPONSIBILITIES

4.1 Following procedures established by the Reserve Banks specifically for the purposes of the Service, Customer will:

(a) select from a menu of available options the type(s) of Scheduled Report(s) that the Service will generate for Customer;

(b) for each Scheduled Report, select options or provide information necessary for the Service to create the Report;

(c) for Scheduled Reports that contain information related to a specific receiver, provide the receiver's account number and a name for the receiver's account; and

(d) for Scheduled Reports that contain information related to a specific originator, provide the code that is used in the company identification field of an entry's batch header record to identify the originator.

4.2 If Customer sends Nonpayment Files to the Reserve Banks for this Service, in addition to the identification requirements of Appendix F, the Reserve Banks may require that the files identify, in accordance with technical specifications defined by the Reserve Banks, whether Customer was the sending bank or receiving bank for the ACH items contained in the Nonpayment File.

[2] This encrypted email delivery is subject to the terms and conditions required by the service provider for the encrypted email channel.

Deleted: January 5, 2026

5.0 SERVICE PARTICIPATION POINT

5.1 If Customer designates a Service Participation Point manager for the Service in accordance with Appendix F, only the Service Participation Point manager will be able to perform the Report setup actions described in section 4 of this Appendix; Customer will not be able to perform such Report setup actions. However, if Customer has its own FedLine Web connection, Customer will be able to access its Scheduled Reports and request On Demand Reports, even if it has designated a Service Participation Point manager.

5.2 By designating a Service Participation Point manager for the Service, Customer authorizes the Service Participation Point manager to act as Customer's agent with respect to the Service. Specifically, Customer authorizes its Service Participation Point manager to do anything Customer may do with respect to the setup and ongoing administration of the Service, including, but not limited to:

(a) starting or stopping the creation of Reports at any time;

(b) inputting and changing certain Service level setup information on FedACH Information Services on FedLine Web;

(c) performing the Report set up actions listed in section 4 of this Appendix;

(d) accessing, downloading, and printing Customer's Scheduled Reports; and

(e) generating, downloading, and printing On Demand Reports.

6.0 ENCRYPTED EMAIL DELIVERY

6.1 By designating email addresses to which Scheduled Reports will be sent, Customer or its authorized agent is instructing the Reserve Banks to send information, which may contain personally identifiable financial information or other sensitive information, via an encrypted email channel to a person who or an entity that can access the email accounts associated with the designated email addresses. Customer agrees for itself and its authorized agent, if any, not to designate an email address of a person or entity other than

(a) Customer's employee,

(b) Customer's authorized agent, or

(c) Customer's account holder who is the receiver or originator of an ACH item or entry from which a Scheduled Report is generated.

The Reserve Banks have no responsibility to ensure that the email addresses that Customer or its authorized agent designates belong to any of these parties.

6.2 Customer will indemnify, defend, and hold the Reserve Banks harmless against any claim, loss, harm, or cost (including reasonable attorneys' fees and expenses of litigation) resulting from the Reserve Bank's acts or omissions in

carrying out the instructions of the Customer or its agent to send Reports to designated email addresses under this Appendix except, for any claim, loss, cost, or expense arising solely out of a Reserve Bank's failure to exercise ordinary care or to act in good faith.

APPENDIX F2: RDFI ALERT SERVICE

1.0 GENERAL

1.1 The Reserve Banks offer a RDFI Alert Service (Service) to receiving banks that provides an email notice to a receiving bank or its receiver when certain ACH files, batches, or items match criteria selected by the receiving bank. A receiving bank may select criteria in three different ways. A receiving bank may select the criteria on its own, allow the Reserve Bank to select the criteria on its behalf, or establish the criteria by varying, to the extent permitted, the criteria selected by the Reserve Bank on its behalf. For the purposes of this Appendix F2, all three methods will constitute criteria selected by the Customer. This Appendix F2 and applicable sections of Appendix F provide the terms and conditions under which the Reserve Banks offer the Service.

1.2 The Reserve Banks may amend the procedures used to sign up for and administer the Service from time to time.

2.0 DEFINITIONS

2.1 **Amount Rule** means a rule, selected by Customer, in accordance with section 4 below, that applies to a Debit Amount or Credit Amount that is part of a Batch Criteria Set or Item Criteria Set.

2.2 **Batch Criteria Set** means a set of criteria, selected by Customer that applies to Customer Batches. The set includes one or any combination of the following: Debit Amount together with its Amount Rule, Credit Amount together with its Amount Rule, Item and Addenda Count Amount, Field Value(s), and Settlement Time.

2.3 **Credit Amount** means a dollar amount, selected by Customer, that applies to either (i) all forward or return credit items that are Customer Items and contained in an Outbound File or Customer Batch, or (ii) a single Customer Item.

2.4 **Customer Batch** means an ACH batch that contains Customer Items and is contained in an Outbound File.

2.5 **Customer Item** means a forward or return ACH item that contains a Customer RTN in Field 3, "Receiving DFI Identification," of the item's entry detail record.

2.6 **Customer RTN** means a routing number that has been issued to Customer and that Customer has designated to participate in the Service.

2.7 **Debit Amount** means a dollar amount, selected by Customer, that applies to either (i) all forward or return debit items that are Customer Items and contained in an Outbound File or Customer Batch, or (ii) a single Customer Item.

2.8 **Field Value** means a value, selected by Customer, that corresponds to one of the batch header or batch control record fields that the Service offers as a criterion for notification.

2.9 **File Criteria Set** means a set of criteria, selected by Customer that applies to Outbound Files. The set includes one or any combination of the following: Debit Amount, Credit Amount, and Item and Addenda Count Amount.

2.10 **Item and Addenda Count Amount** means a numerical amount, selected by Customer that applies to all Entry Detail Records and Addenda Records that are contained in an Outbound File or Customer Batch.

2.11 **Item Criteria Set** means a set of criteria, selected by Customer that applies to Customer Items. The set includes one or any combination of the following: a Debit Amount together with its Amount Rule or Credit Amount together with its Amount Rule, Field Value(s), and Settlement Time.

2.12 **Outbound File** means an ACH file that (i) the Reserve Bank creates for delivery to Customer or Customer's receiving point and (ii) contains Customer Items.

2.13 **Settlement Time** means a settlement time, selected by Customer that corresponds to one of the Reserve Bank's ACH settlement times, provided in the FedACH Processing Schedule, that the Service offers as a criterion for notification.

3.0 THE SERVICE

3.1 If Customer selects one or more File Criteria Set(s), for each Outbound File, the Service will aggregate the total debit amount, credit amount, and/or item and addenda count from all Customer Items that are within the file. If the aggregate debit amount, credit amount, or item and addenda count from such items exceeds a Debit Amount, Credit Amount, or Item and Addenda Count Amount for a File Criteria Set, the Service will send an email notice of that event to the email address(es) that Customer has designated for the applicable File Criteria Set.

3.2 If Customer selects one or more Batch Criteria Set(s), for each Customer Batch, the Service will

(a) Aggregate the total debit amount and credit amount for all Customer Items that are within the batch and apply the applicable Amount Rule to the aggregate amount, if a Batch Criteria Set contains a Debit Amount or Credit Amount;

(b) Aggregate the total item and addenda count for all Customer Items that are within the batch and determine if the aggregate amount exceeds the Item and Addenda Count Amount, if a Batch Criteria Set contains an Item and Addenda Count Amount;

(c) Determine whether the values within applicable batch header and batch control record fields match any Field Values, if a Batch Criteria Set contains one or more Field Values; and

(d) Determine whether the settlement time that the Reserve Bank assigns to the batch matches the Settlement Time, if a Batch Criteria Set contains a

Settlement Time. If all the notification criteria for a Batch Criteria Set are met, the Service will send an email notice of that event to the email address(es) that Customer has designated for the applicable Batch Criteria Set.

3.3 If Customer selects one or more Item Criteria Sets, for each Customer Item, the Service will

(a) Apply the Amount Rule to the item's debit or credit amount, if an Item Criteria Set contains a Debit Amount or Credit Amount;

(b) Compare the values within applicable batch header record and entry detail record fields with Field Values, if an Item Criteria Set contains one or more Field Values; and

(c) Compare the settlement time that the Reserve Bank assigns to the batch that contains the item with the Settlement Time, if an Item Criteria Set contains a Settlement Time.

If all the notification criteria for an Item Criteria Set are met, the Service will send an email notice of that event to the email address(es) that Customer has designated for the applicable Item Criteria Set.

3.4 The Service will only send an email notice if all the notification criteria for a Batch Criteria Set or Item Criteria Set are met. If Customer has multiple criteria but wants to receive notice when any one of the criterion is met, Customer will need to create multiple Batch Criteria Sets or Item Criteria Sets that each contain only a single criterion.

3.5 When an Outbound File, Customer Batch, or Customer Item meets the notification criteria of a File Criteria Set, Batch Criteria Set, or Item Criteria Set, respectively, the Reserve Banks will provide the email notices set forth in this paragraph 3. **The Service will not pend or stop any Outbound Files, Customer Batches, or Customer Items.**

4.0 SERVICE SETUP

4.1 Customer performs the Service setup described in this section using procedures established by the Reserve Bank.

4.2 Customer may select

(a) one or more File Criteria Sets;

(b) one or more Batch Criteria Sets; and

(c) one or more Item Criteria Sets.

4.3 If Customer has selected a Debit Amount or Credit Amount as part of a Batch Criteria Set then for each such Debit Amount or Credit Amount Customer must select one of the following Amount Rules:

The notification criterion related to the Debit Amount or Credit Amount is met if

(a) the aggregate debits or credits in the batch equal or exceed the Debit Amount or Credit Amount;

(b) the aggregate debits or credits in the batch equal the Debit Amount or Credit Amount; or

(c) the aggregate debits or credits in the batch equal or are less than the Debit Amount or Credit Amount.

4.4 If Customer has selected a Debit Amount or Credit Amount as part of an Item Criteria Set then for each such Debit Amount or Credit Amount Customer must select one of the following Amount Rules:

The notification criterion related to the Debit Amount or Credit Amount is met if

(a) the item's debit or credit amount equals or exceeds the Debit Amount (or Credit Amount);

(b) the item's debit or credit amount equals the Debit Amount or Credit Amount; or

(c) the item's debit or credit amount equals or is less than the Debit Amount or Credit Amount,

4.5 Customer must provide at least one email address to receive email notices for each File Criteria Set, Batch Criteria Set, and Item Criteria Set that Customer selects.

5.0 SERVICE PARTICIPATION POINT

5.1 If Customer designates a Service Participation Point manager for the Service in accordance with Appendix F, only the Service Participation Point manager will be able to perform the Service setup actions described in section 4 of this Appendix; Customer will not be able to perform such Report setup actions.

5.2 By designating a Service Participation Point manager for the Service, Customer authorizes the Service Participation Point manager to act as Customer's agent with respect to the Service. Specifically, Customer authorizes its Service Participation Point manager to do anything Customer may do with respect to the setup and ongoing administration of the Service, including, but not limited to:

5.2.1 Selecting any number of File Criteria Sets, Batch Criteria Sets, or Item Criteria Sets;

5.2.2 Setting Debit Amounts and Credit Amounts for File Criteria Sets, Batch Criteria Sets, or Item Criteria Sets; and

5.2.3 Designating email addresses to which notifications will be sent.

APPENDIX F3: FEDACH® INFORMATION FILE SERVICE

1.0 FEDACH INFORMATION FILE SERVICE

1.1 The Reserve Banks offer a FedACH Information File Service (Service) that sends to a bank a daily information file, called a FedACH Information File, which is a copy of the ACH transaction detail information that was previously sent to the bank for posting.

1.2 The Reserve Banks identify a FedACH Information File as a Nonpayment File. A Customer that receives a Nonpayment File is solely responsible for ensuring that the receipt of the Nonpayment File does not result in double posting to its customer accounts. By receiving any Nonpayment Files from a Reserve Bank, the Customer agrees to indemnify, hold harmless, and defend a Reserve Bank against any claim, loss, liability, or expense (including reasonable attorneys' fees and expenses of litigation) incurred by the Reserve Bank in connection with its performance of the Service, except for any claim, loss, liability, or expense arising solely from the Reserve Bank's failure to exercise ordinary care or to act in good faith.

1.3 The bank may instruct the Reserve Banks using procedures established by the Reserve Banks specifically for the purposes of the Service, to send the FedACH Information File to Customer's sending point, receiving point, or Information Point via the Reserve Banks' ACH file delivery channels.

Deleted: January 5, 2026

APPENDIX F4: FEDPAYMENTS® INSIGHTS SERVICE

1.0 GENERAL

1.1 The Reserve Banks offer a FedPayments Insights Service (Service) that presents information contained in certain ACH files through interactive reports. The Service enables the Customer to create customized reports that contain certain ACH data. The Service makes the reports available in electronic form via certain access channels provided by the Reserve Banks. This Appendix F4 and applicable sections of Appendix F provide the terms and conditions under which the Reserve Banks offer the Service.

2.0 DEFINITIONS

2.1 Report means an electronic record of information that (i) was extracted from information contained in payment file that was sent (or received) by Customer to (or from) a Reserve Bank under Operating Circular 4; (ii) is related to one or more ACH items, originators, or receivers; (iii) may include data visualizations and drill-down capabilities; and (iv) may also be available for download in electronic format.

3.0 THE SERVICE

3.1 The Reserve Banks make the Service accessible to authorized users designated by a Customer who possesses credentials provided by the Reserve Bank for the purpose of using the Service. A Customer may control by credential the RTN(s) to which an authorized user may have access within the Service. A Customer may designate one or more RTNs in its account family to be included in the Service.

3.2 From certain access channels provided by the Reserve Banks, the Customer may access the Service to request and display Reports available within the Service. In some cases, the Customer may use the Service user interface to download a copy of the Report. The Service will not retain a Report, though the Customer may request that the Service regenerate the Report.

3.3 In carrying out the Service, the Reserve Banks will create and make available Reports requested by the Customer using procedures established by the Reserve Banks specifically for the purposes of the Service.

4.0 CUSTOMER RESPONSIBILITIES

4.1 Each Customer that wishes to obtain the Service shall have an authorized individual who is designated on a Customer's Official Authorization List complete and execute an agreement in a form provided by the Reserve Bank. A Customer that uses the Service agrees to the terms of this Appendix F4, regardless of whether the Customer submitted the required agreement.

4.2 Following procedures established by the Reserve Banks specifically for the purposes of the Service, the Customer will:

(a) select from a menu of available options the type(s) of Report(s) that the Service will generate for Customer;

(b) for each Report, select filters and options to identify information necessary for the Service to create the Report;

(c) for Reports that contain information related to a specific originator, provide the code that is used in the company identification field of an entry's batch header record to identify the originator; and

(d) for Reports that contain information related to a specific receiver, provide the receiver's account number that is used in the DFI account number field on an entry's detail record to identify the receiver.

4.3 Each Customer is responsible for protecting the security, integrity, and confidentiality of nonpublic personal information in using the Service or any Report related to the Service. Any information contained in a Report may not be used in any way that violates applicable laws regarding the disclosure of confidential nonpublic personal information.

Deleted: January 5, 2026

APPENDIX G: FedDetect® Anomaly Notification

This appendix sets forth the terms under which the Reserve Banks provide FedDetect Anomaly Notification for FedACH® Services ("FedDetect Anomaly Notification"). FedDetect Anomaly Notification is provided by the Reserve Banks through an application that provides notifications to banks about their ACH item activity when specific criteria are met, as described in this appendix. A bank that uses FedDetect Anomaly Notification is bound by this appendix.

1.0 DEFINITIONS

Unless otherwise stated in this appendix, a term defined in the body of this Operating Circular 4 has the same meaning in this appendix. For purposes of this appendix:

1.1 **Customer** means a FedACH Origination and Receipt participant that has enrolled in FedDetect Anomaly Notification as set forth in section 3.1 of this appendix.

1.2 **Customer Item** means a forward or return ACH item for which a Customer is identified in the item as the originating or receiving bank.

1.3 **Electronic Connection** has the meaning assigned to it in Operating Circular 5.

1.4 **FedACH Origination and Receipt** means the services provided by the Reserve Banks under Operating Circular 4 through which a bank may send or receive ACH items to the Reserve Banks without designating another ACH operator as its agent for these activities.

1.5 **FedDetect Anomaly Notification** has the meaning assigned to it in the preamble to this appendix.

1.6 **FedDetect Anomaly Notification Guide** means the guide made available to Customers by the Reserve Banks setting forth information on the features and use of FedDetect Anomaly Notification.

1.7 **Use Case Criteria** means a set of criteria for FedDetect Anomaly Notification enabled by a Customer, as set forth in the FedDetect Anomaly Notification Guide.

2.0 GENERAL

2.1 FedDetect Anomaly Notification is designed to provide notifications to Customers about their Customer Item activity when the Use Case Criteria are met, as set forth in the FedDetect Anomaly Notification Guide. Customers are responsible for determining how best to use FedDetect Anomaly Notification as part of their own risk management processes and procedures, in accordance with their own risk tolerance and any requirements applicable to them.

2.2 FedDetect Anomaly Notification does not stop ACH items from processing or settling. FedDetect Anomaly Notification notifies Customers when Use Case Criteria are met, after Customer Items have been processed.

3.0 ENROLLMENT AND SELECTION OF USE CASE CRITERIA; ACTIVITY NOTIFICATIONS

3.1 Customers may enroll in FedDetect Anomaly Notification by enabling one or more Use Case Criteria as set forth in the FedDetect Anomaly Notification Guide.

Deleted: : CROSS-BORDER ITEMS¶

¶

GENERAL¶

¶

The Reserve Banks process cross-border ACH items that are sent to the Reserve Bank as a part of the FedGlobal® ACH Payments Service in accordance with this Appendix, agreements between a Reserve Bank gateway operator and a foreign gateway operator, and the FedGlobal ACH Service Origination Manual issued by the Reserve Banks as applicable to specified foreign countries. These rules, agreements, and guidebooks generally do not supersede the laws and rules that apply to the handling of items in foreign payment systems. The application of foreign law and payment system rules to a cross-border ACH item may produce outcomes different from the outcomes that would result from handling of the same item under domestic rules. Such differences include, but are not limited to, the following: the time for return of cross-border items may be different; returned items may not be able to be dishonored; cross-border items may not be reversible; prenotes, and items to be settled on a foreign holiday, may not be acceptable; the receiver may not receive credit on the settlement date; and special fees may apply. Sending and receiving banks are responsible for understanding the rules applicable to cross-border payments in a foreign country, and the limitations on types of cross-border payment transactions that are accepted by Reserve Banks.¶

¶

In addition to sending outbound cross-border ACH items through a foreign gateway operator to foreign banks for credit, and in limited circumstances, for debit to receivers' accounts, the Reserve Bank may send outbound cross-border ACH items through a foreign gateway operator to non-bank participants in a foreign clearing system that disburse payments to receivers.¶

¶

The terms and conditions of Operating Circular 4 apply to cross-border items processed by the Reserve Bank, except to the extent that this Appendix expressly specifies terms and conditions that differ from those set forth in Operating Circular 4. Certain country specific technical details, such as formatting requirements, and return codes that are provided in the FedGlobal ACH Service Origination Manual also apply to cross-border items to the extent such technical details do not conflict with Operating Circular 4 and this Appendix.¶

¶

ORIGINATING GATEWAY OPERATOR WARRANTIES¶

¶

Notwithstanding paragraph 21.1(c) of Operating Circular 4, a Reserve Bank acting as a gateway operator for an outbound cross-border item warrants to the sending bank that it will:¶

¶ ... [1]

Formatted: Not Expanded by / Condensed by

Deleted: January 5, 2026

3.2 FedDetect Anomaly Notification analyzes a Customer's current day Customer Item activity against a historical baseline of Customer Item activity or behavior for the Customer to determine if the Use Case Criteria are met. If the Use Case Criteria are met for Customer Item activity, FedDetect Anomaly Notification provides a notification to the Customer regarding that activity (i) via a secure email sent to the email addresses of the individuals identified by the Customer as set forth in section 4.1 of this appendix or (ii) by otherwise making such notification available to the Customer as specified in the FedDetect Anomaly Notification Guide.

4.0 DESIGNATION OF AUTHORIZED USERS AND EMAIL ADDRESSES

4.1 When a Customer enrolls in FedDetect Anomaly Notification as set forth in section 3.1 of this appendix, it must designate authorized users for FedDetect Anomaly Notification and may be required to designate email addresses to which the Reserve Banks may send notifications for FedDetect Anomaly Notification in accordance with the FedDetect Anomaly Notification Guide.

4.2 By designating email addresses to which notifications will be sent, a Customer authorizes the Reserve Banks to send information, including personally identifiable or other sensitive information, via secure email to persons or entities who can access emails sent to those email addresses. Customers agree not to designate an email address of a person or entity other than an employee or authorized agent of the Customer.

4.3 The Reserve Banks have no responsibility to ensure that the email addresses designated by a Customer belong to employees or authorized agents of the Customer.

5.0 DISABLEMENT OF USE CASE CRITERIA AND UNENROLLMENT

5.1 A Customer may disable Use Case Criteria at any time as set forth in the FedDetect Anomaly Notification Guide.

5.2 A Customer may unenroll in FedDetect Anomaly Notification by disabling all Use Case Criteria.

5.3 The Reserve Banks may unenroll a Customer from FedDetect Anomaly Notification at any time without notice if the Reserve Banks have reason to believe that the Customer's use of FedDetect Anomaly Notification does not comply with any agreement with a Reserve Bank, including this appendix, or that such access otherwise poses risk to a Reserve Bank, any other bank, or the security or proper functioning of FedDetect Anomaly Notification or the FedACH Services. The Reserve Banks at their discretion may otherwise unenroll a Customer from FedDetect Anomaly Notification for any reason; if the Reserve Banks make such a determination, they are not obligated to but will endeavor to give notice to the Customer at least ten days in advance of unenrolling the Customer from FedDetect Anomaly Notification.

6.0 RELATION TO THE RESERVE BANKS' SECURITY PROCEDURES AND OTHER INFORMATION SECURITY REQUIREMENTS

6.1 FedDetect Anomaly Notification does not vary the Reserve Banks' security procedures described in this Operating Circular 4.

Deleted: January 5, 2026

6.2 Nothing in this appendix constitutes an agreement or instruction restricting a Reserve Bank's acceptance of payment orders, as described in section 4A-202(b) of the Uniform Commercial Code.

6.3 Nothing in this appendix relieves a Customer from its responsibility for developing controls to manage risks associated with sending or receiving ACH items through the FedACH Services or for complying with any information security or risk management requirements applicable to it.

7.0 CUSTOMER USE AND DISCLOSURE OF INFORMATION

7.1 Each Customer is responsible for protecting the security, integrity, and confidentiality of nonpublic, personally identifiable or other sensitive information contained in any notification or otherwise made available to it through FedDetect Anomaly Notification.

7.2 Each Customer may use the information contained in any notification or otherwise made available to it only in connection with its use of the FedACH Services or other Reserve Bank financial services, and may disclose the information to third parties directly interested in the Customer Item to which the information relates. Each Customer may not use or disclose information contained in a notification or otherwise made available to it in a way that violates applicable laws regarding the use or disclosure of confidential nonpublic personally identifiable information.

8.0 LIABILITY

8.1 The Reserve Banks will make reasonable efforts to provide FedDetect Anomaly Notification as set forth in this appendix. In the event that FedDetect Anomaly Notification is unavailable for any reason, the Reserve Banks will make reasonable efforts to restore FedDetect Anomaly Notification expeditiously. The Reserve Banks are not liable for any loss or damage resulting from FedDetect Anomaly Notification being unavailable for any reason.

8.2 The Reserve Banks are not liable for loss or damage resulting from a problem beyond their reasonable control. This includes, but is not limited to, loss or damage resulting from any delay, error, or omission in the transmission of any information between a Customer and the Reserve Banks and loss or damage resulting from the acts or omissions of internet service providers. The Reserve Banks are also not liable for loss or damage resulting from acts of war, riots, civil unrest, strikes, labor disputes, acts of terrorism, acts of God, or acts of nature.

8.3 The Reserve Banks shall have no liability with respect to FedDetect Anomaly Notification to any party other than a Customer. A Reserve Bank may be liable to a Customer only for the Reserve Bank's failure to exercise ordinary care or act in good faith in providing FedDetect Anomaly Notification. The amount of a Reserve Bank's liability to a Customer under this appendix is strictly limited to the greater of any FedACH participation fees or fees for FedDetect Anomaly Notification paid to the Reserve Banks by the Customer during the month in which the notification or occurrence giving rise to the liability is alleged to have occurred. In no event shall the Reserve Bank be liable for lost profits, claims by third parties, or consequential or incidental damages, even if such damages were foreseeable at the time of the Reserve Bank's failure to exercise ordinary care or act in good faith. Any legal action against a

Deleted: January 5, 2026

Reserve Bank with respect to FedDetect Anomaly Notification must be initiated within one year from the date of the notification or occurrence that gives rise to the claim.

8.4 Each Customer will indemnify, defend, and hold the Reserve Banks harmless against any claim, loss, harm, or cost (including reasonable attorneys' fees and expenses of litigation) resulting from the Reserve Bank's acts or omissions in carrying out the instructions of the Customer to send notifications to designated email addresses identified in accordance with section 4.1 of this appendix except for any claim, loss, cost, or expense arising solely out of a Reserve Bank's failure to exercise ordinary care or to act in good faith.

APPENDIX H: FedACH® Fee Programs

Deleted: J

This appendix sets forth certain terms applicable to certain fee programs through which the Reserve Banks provide discounts on fees applicable to a bank's use of the FedACH® services.

1.0 DEFINITIONS

Unless otherwise stated in this appendix, a term defined in the body of this Operating Circular 4 has the same meaning in this appendix. For purposes of this appendix:

1.1 **Appropriate Reserve Bank Staff** means Reserve Bank staff identified by the Reserve Banks as the staff with which Participants should communicate on particular matters related to a Fee Program.

1.2 **FedACH Fee Schedule** means the fee schedule published by the Reserve Banks on the FRBservices.org® website stating the fees charged by the Reserve Banks in connection with a bank's use of the FedACH Services.

1.3 **Participant** means a bank that participates in a Fee Program.

1.4 **Program Documents** mean the FedACH Fee Schedule and any other document the Reserve Banks identify as outlining the elements and requirements of a Fee Program.

1.5 **Fee Program** means a program under which the Reserve Banks agree to provide discounts on fees they charge for a bank's use of the FedACH Services.

1.6 **Term Fee Program** means a Fee Program for a specified duration.

1.7 **Recoverable Amount** means the amount of fee discounts a Participant receives from a Reserve Bank before the amount is realized under the applicable Fee Program.

2.0 GENERAL

2.1 The Reserve Banks from time to time may offer certain Fee Programs to banks using the FedACH Services, as prescribed in the Program Documents.

2.2 In offering these Fee Programs, the Reserve Banks will establish parameters in the Program Documents, which may include, among other things, eligibility criteria, how discounts accrue, how and when the Reserve Banks will effect a discount, the duration of the program, and whether a discounted amount is subject to revocation and must be reimbursed.

2.3 The Reserve Banks may effect discounts pursuant to a Fee Program by reducing the amount charged to a Participant or by making an adjustment entry after the Reserve Banks have had a reasonable opportunity to calculate the discounted amount and make the adjustment entry.

2.4 The Reserve Banks may choose to pay Recoverable Amounts before a Participant has realized the discount under the applicable Fee Program (e.g., by providing

Deleted: January 5, 2026

incremental discounted amounts over the life of a Term Fee Program). The Reserve Banks may obtain reimbursement for these Recoverable Amounts as prescribed in the Program Documents. The Participant authorizes the Reserve Banks to charge its master account or the master account of its correspondent bank to reimburse the Reserve Banks in the amount of any Recoverable Amount.

2.5 The Reserve Banks reserve the right to amend a Fee Program from time to time by amending one or more of the Program Documents, except that the Reserve Banks will not amend any Program Documents for a Term Fee Program to reduce any discounted amounts the Participant was entitled to receive under the Program Documents at the time the Participant enrolled in the program. Nothing in this section limits the Board of Governors of the Federal Reserve System from exercising its statutory authority under the Federal Reserve Act to establish fees and related schedules for Federal Reserve Financial Services.

3.0 ENROLLMENT AND TERMINATION

3.1 A bank may become a Participant by completing a Fee Program's enrollment procedures, including by submitting any required forms. Each Fee Program, and a Participant's enrollment in the program, will terminate as prescribed in the Program Documents.

3.2 If a Participant fails to meet the eligibility criteria specified in the Program Documents at any time or terminates its participation in a Fee Program, the Reserve Banks may terminate the Participant's enrollment in the program, charge the Participant for its use of the FedACH Services at the rate outlined in the FedACH Fee Schedule, and recover any Recoverable Amount.

3.3 A Participant may terminate its enrollment in a Fee Program by providing notice to the Appropriate Reserve Bank Staff or as otherwise prescribed in the Program Documents.

3.4 If a Participant or Reserve Bank terminates the Participant's enrollment in a Fee Program prior to the end of the full life of the program, the Reserve Banks may exclude the Participant from enrolling in one or more Fee Programs.

4.0 RESERVE BANK LIABILITY

4.1 A Reserve Bank's obligation under the Fee Program is strictly limited to the discounted amounts a Participant is entitled to receive under the Program Documents. A Reserve Bank is not liable for any other amount, including any direct, special, incidental, or consequential damages resulting from any action or inaction of a Reserve Bank in offering or administering any Fee Program, even if such damages are foreseeable, and including if a Reserve Bank failed to exercise ordinary care or act in good faith.

4.2 Each Participant shall indemnify the Reserve Banks and hold each of them harmless from any loss, cost, damage, or expense (including attorneys' fees and costs of litigation) incurred by a Reserve Bank in connection with its provision of a Fee Program, except for any loss, cost, damage, or expense arising solely from a Reserve Bank's failure to exercise ordinary care or to act in good faith.

Deleted: January 5, 2026

Page 59: [1] Deleted	Forman, Laura	10/2/26 5:07:00 PM