Reserve Banks generally provide as of adjustments to correct errors and recover float. An as of adjustment differs from a debit or credit to an account in that it does not affect the actual balance of the account; it only affects the balance for reserve or clearing balance computation purposes. These adjustments affect the level of reserve or clearing balances that the bank must fund by other means and are therefore an effective substitute for explicit interest payments.

(i) A party that sent or received a payment order from a Federal Reserve Bank may be unable to make use of an as of adjustment as compensation in lieu of explicit interest. For example, if the sender or receiving bank is not subject to reserve requirements or satisfies its reserve requirements with vault cash, the as of adjustment could not be used to free other balances for investment. A Federal Reserve Bank may, in its discretion, provide compensation by an explicit interest payment rather than through an as of adjustment. Interest would be calculated in accordance with the procedures specified in section 4A–506(b). Similarly, compensation in the form of explicit interest will be paid to Government senders, receiving banks, or beneficiaries described in §210.25(d) if they are entitled to interest under this subpart. A Federal Reserve Bank may also, in its discretion, pay explicit interest directly to a remote party to a Fedwire funds transfer that is entitled to interest, rather than providing compensation to its direct sender or receiving bank.

(ii) If a bank that received an as of adjustment or explicit interest payment is not the party entitled to interest compensation under Article 4A, the bank must pass the benefit of the as of adjustment or explicit interest payment made to it to the party that is entitled to compensation in the form of interest from a Federal Reserve Bank. The benefit may be passed on either in the form of a direct payment of interest or in the form of a compensating balance, if the party entitled to interest agrees to accept the other form of compensation, and the value of the compensating balance is at least equivalent to the value of the explicit interest that otherwise would have been provided.

(c) Nonwaiver of right of recovery. Several sections of Article 4A allow for a party to a funds transfer to make a claim pursuant to the applicable law of mistake and restitution. Nothing in subpart B of this part or any Operating Circular issued under subpart B of this part waives any such claim. A Federal Reserve Bank, however, may waive such a claim by express written agreement in order to settle litigation or for other purposes.

Intermediary bank: means a receiving bank other than the originator’s bank or the beneficiary’s bank.

Originator: means the sender of the first payment order in a funds transfer.

Originator’s bank: means (i) the receiving bank to which the payment order of the originator is issued if the originator is not a bank, or (ii) the originator if the originator is a bank.

Section 4A–105. Other Definitions

(a) In this Article:

(1) Authorized account: means a deposit account of a customer in a bank designated by the customer as a source of payment of payment orders issued by the customer to the bank. If a customer does not so designate an account, any account of the customer is an authorized account if payment of a payment order from that account is not inconsistent with a restriction on the use of that account.

(2) Bank: means a person engaged in the business of banking and includes a savings bank, savings and loan association, credit union, and trust company. A branch or separate office of a bank is a separate bank for purposes of this Article.

(3) Customer: means a person, including a bank, having an account with a bank or from whom a bank has agreed to receive payment orders.

(4) Funds-transfer business day: of a receiving bank means the part of a day during which the receiving bank is open for the receipt, processing, and transmittal of payment orders and cancellations and amendments of payment orders.

(5) Funds-transfer system: means a wire transfer network, automated clearing house, or other communication system of a clearing house or other association of banks through which a payment order by a bank may be transmitted to the bank to which the order is addressed.

(6) Good faith: means honesty in fact and the observance of reasonable commercial standards of fair dealing.

(b) Other definitions applying to this Article and the sections in which they appear are:

Acceptance: Sec. 4A–209
Beneficiary: Sec. 4A–103
Beneficiary’s bank: Sec. 4A–103
Executed: Sec. 4A–301
Execution date: Sec. 4A–301
Funds transfer: Sec. 4A–104
Funds-transfer system rule: Sec. 4A–501
Intermediary bank: Sec. 4A–104
Originator: Sec. 4A–104
Originator’s bank: Sec. 4A–104
Payment by beneficiary’s bank to beneficiary: Sec. 4A–405

Payment by originator to beneficiary: Sec. 4A–406
Payment by sender to receiving bank: Sec. 4A–403
Payment date: Sec. 4A–401
Payment order: Sec. 4A–103
Receiving bank: Sec. 4A–103
Security procedure: Sec. 4A–201
Sender: Sec. 4A–103

(c) The following definitions in Article 4 apply to this Article:

Clearing house: Sec. 4–104
Item: Sec. 4–104
Suspends payments: Sec. 4–104

(d) In addition Article 1 contains general definitions and principles of construction and interpretation applicable throughout this Article.
Part 2—Issue and Acceptance of Payment Order

Section 4A–201. Security Procedure

Security procedure means a procedure established by agreement of a customer and a receiving bank for the purpose of (i) verifying that a payment order or communication amending or canceling a payment order is that of the customer, or (ii) detecting error in the transmission or the content of the payment order or communication. A security procedure may require the use of algorithms or other codes, identifying words or numbers, encryption, callback procedures, or similar security devices. Comparison of a signature on a payment order or communication with an authorized specimen signature of the customer is not by itself a security procedure.

Section 4A–202. Authorized and Verified Payment Orders

(a) A payment order received by the receiving bank is the authorized order of the person identified as sender if that person authorized the order or is otherwise bound by it under the law of agency.

(b) If a bank and its customer have agreed that the authenticity of payment orders issued to the bank in the name of the customer as sender will be verified pursuant to a security procedure, a payment order received by the receiving bank is effective as the order of the customer, whether or not authorized, if (i) the security procedure is a commercially reasonable method of providing security against unauthorized payment orders, and (ii) the bank proves that it accepted the payment order in good faith and in compliance with the security procedure and any written agreement or instruction of the customer restricting acceptance of payment orders issued in the name of the customer. The bank is not required to follow an instruction that violates a written agreement with the customer or notice of which is not received at a time and in a manner affording the bank a reasonable opportunity to act on it before the payment order is accepted.

(c) Commercial reasonableness of a security procedure is a question of law to be determined by considering the wishes of the customer expressed to the bank, the circumstances of the customer known to the bank, including the size, type, and frequency of payment orders normally issued by the customer to the bank, alternative security procedures offered to the customer, and security procedures in general use by customers and receiving banks similarly situated. A security procedure is deemed to be commercially reasonable if (i) the security procedure was chosen by the customer after the bank offered, and the customer refused, a security procedure that was commercially reasonable for that customer, and (ii) the customer expressly agreed in writing to be bound by any payment order, whether or not authorized, issued in its name and accepted by the bank in compliance with the security procedure chosen by the customer.

(d) The term sender in this Article includes the customer in whose name a payment order is issued if the order is the authorized order of the customer under subsection (a), or it is effective as the order of the customer under subsection (b).

(e) This section applies to amendments and cancellations of payment orders to the same extent it applies to payment orders.

(f) Except as provided in this section and in section 4A–203(a)(1), rights and obligations arising under this section or section 4A–203 may not be varied by agreement.

Section 4A–203. Unenforceability of Certain Verified Payment Orders

(a) If an accepted payment order is not, under section 4A–202(a), an authorized order of a customer identified as sender, but is effective as an order of the customer pursuant to section 4A–202(b), the following rules apply:

(1) By express written agreement, the receiving bank may limit the extent to which it is entitled to enforce or retain payment of the payment order.

(2) The receiving bank is not entitled to enforce or retain payment of the payment order if the customer proves that the order was not caused, directly or indirectly, by a person (i) entrusted at any time with duties to act for the customer with respect to payment orders or the security procedure, or (ii) who obtained access to transmitting facilities of the customer or who obtained, from a source controlled by the customer and without authority of the receiving bank, information facilitating breach of the security procedure, regardless of how the information was obtained or whether the customer was at fault. Information includes any access device, computer software, or the like.

(b) This section applies to amendments of payment orders to the same extent it applies to payment orders.

Section 4A–204. Refund of Payment and Duty of Customer To Report with Respect to Unauthorized Payment Order

(a) If a receiving bank accepts a payment order issued in the name of its customer as
sender which is (i) not authorized and not effective as the order of the customer under section 4A–202, or (ii) not enforceable, in whole or in part, against the customer under section 4A–203, the bank shall refund any payment of the payment order received from the customer to the extent the bank is not entitled to enforce payment and shall pay interest on the refundable amount calculated from the date the bank received payment to the date of the refund. However, the customer is not entitled to interest from the bank on the amount to be refunded if the customer fails to exercise ordinary care to determine that the order was not authorized by the customer and to notify the bank of the relevant facts within a reasonable time not exceeding 90 days after the date the customer received notification from the bank that the order was accepted or that the customer’s account was debited with respect to the order. The bank is not entitled to any recovery from the customer on account of a failure by the customer to give notification as stated in this section.

(b) Reasonable time under subsection (a) may be fixed by agreement as stated in section 1–204(1), but the obligation of a receiving bank to refund payment as stated in subsection (a) may not otherwise be varied by agreement.

Section 4A–205. Erroneous Payment Orders

(a) If an accepted payment order was transmitted pursuant to a security procedure for the detection of error and the payment order (i) erroneously instructed payment to a beneficiary not intended by the sender, (ii) erroneously instructed payment in an amount greater than the amount intended by the sender, or (iii) was an erroneously transmitted duplicate of a payment order previously sent by the sender, the following rules apply:

(1) If the sender proves that the sender or a person acting on behalf of the sender pursuant to section 4A–206 complied with the security procedure and that the error would have been detected if the receiving bank had also complied, the sender is not obliged to pay the order to the extent stated in paragraphs (2) and (3).

(2) If the funds transfer is completed on the basis of an erroneous payment order described in clause (i) or (ii) of subsection (a), the sender is not obliged to pay the order and the receiving bank is entitled to recover from the beneficiary any amount paid to the beneficiary to the extent allowed by the law governing mistake and restitution.

(3) If the funds transfer is completed on the basis of a payment order described in clause (ii) of subsection (a), the sender is not obliged to pay the order to the extent the amount received by the beneficiary is greater than the amount intended by the sender. In that case, the receiving bank is entitled to recover from the beneficiary the excess amount received to the extent allowed by the law governing mistake and restitution.

(b) If (i) the sender of an erroneous payment order described in subsection (a) is not obliged to pay all or part of the order, and (ii) the sender receives notification from the receiving bank that the order was accepted by the bank or that the sender’s account was debited with respect to the order, the sender has a duty to exercise ordinary care, on the basis of information available to the sender, to discover the error with respect to the order and to advise the bank of the relevant facts within a reasonable time, not exceeding 90 days, after the bank’s notification was received by the sender. If the bank proves that the sender failed to perform that duty, the sender is liable to the bank for the loss the bank proves it incurred as a result of the failure, but the liability of the sender may not exceed the amount of the sender’s order.

(c) This section applies to amendments to payment orders to the same extent it applies to payment orders.

Section 4A–206. Transmission of Payment Order Through Funds-Transfer or Other Communication System

(a) If a payment order addressed to a receiving bank is transmitted to a funds-transfer system or other third-party communication system for transmittal to the bank, the system is deemed to be an agent of the sender for the purpose of transmitting the payment order to the bank. If there is a discrepancy between the terms of the payment order transmitted to the system and the terms of the payment order transmitted by the system to the bank, the terms of the payment order of the sender are those transmitted by the system. This section does not apply to a funds-transfer system of the Federal Reserve Banks.

(b) This section applies to cancellations and amendments of payment orders to the same extent it applies to payment orders.

Section 4A–207. Misdescription of Beneficiary

(a) Subject to subsection (b), if, in a payment order received by the beneficiary’s bank, the name, bank account number, or other identification of the beneficiary refers to a nonexistent or unidentifiable person or account, no person has rights as a beneficiary of the order and acceptance of the order cannot occur.

(b) If a payment order received by the beneficiary’s bank identifies the beneficiary both by name and by an identifying or bank account number and the name and number identify different persons, the following rules apply:

(1) Except as otherwise provided in subsection (c), if the beneficiary’s bank does not
know that the name and number refer to different persons, it may rely on the number as the proper identification of the beneficiary of the order. The beneficiary’s bank need not determine whether the name and number refer to the same person.  

(2) If the beneficiary’s bank pays the person identified by name or knows that the name and number identify different persons, no person has rights as beneficiary except the person paid by the beneficiary’s bank if that person was entitled to receive payment from the originator of the funds transfer. If no person has rights as beneficiary, acceptance of the order cannot occur.  

(c) If (i) a payment order described in subsection (b) is accepted, (ii) the originator’s payment order described the beneficiary inconsistently by name and number, and (iii) the beneficiary’s bank pays the person identified by number as permitted by subsection (b)(1), the following rules apply:  

(1) If the originator is a bank, the originator is obliged to pay its order.  

(2) If the originator is not a bank and proves that the person identified by number was not entitled to receive payment from the originator, the originator is not obliged to pay its order unless the originator’s bank proves that the originator, before acceptance of the originator’s order, had notice that payment of a payment order issued by the originator might be made by the beneficiary’s bank on the basis of an identifying or bank account number even if it identifies a person different from the named beneficiary. Proof of notice may be made by any admissible evidence. The originator’s bank satisfies the burden of proof if it proves that the originator, before the payment order was accepted, signed a writing stating the information to which the notice relates.  

(d) In a case governed by subsection (b)(1), if the beneficiary’s bank rightfully pays the person identified by number and that person was not entitled to receive payment from the originator, the amount paid may be recovered from that person to the extent allowed by the law governing mistake and restitution as follows:  

(1) If the originator is obliged to pay its payment order as stated in subsection (c), the originator has the right to recover.  

(2) If the originator is not a bank and is not obliged to pay its payment order, the originator’s bank has the right to recover.

Section 4A–208. Misdescription of Intermediary Bank or Beneficiary’s Bank

(a) This subsection applies to a payment order identifying an intermediary bank or the beneficiary’s bank only by an identifying number.

(1) The receiving bank may rely on the number as the proper identification of the intermediary or beneficiary’s bank and need not determine whether the number identifies a bank.

(2) The sender is obliged to compensate the receiving bank for any loss and expenses incurred by the receiving bank as a result of its reliance on the number in executing or attempting to execute the order.

(b) This subsection applies to a payment order identifying an intermediary bank or the beneficiary’s bank both by name and an identifying number if the name and number identify different persons.

(1) If the sender is a bank, the receiving bank may rely on the number as the proper identification of the intermediary or beneficiary’s bank if the receiving bank, when it executes the sender’s order, does not know that the name and number identify different persons. The receiving bank need not determine whether the name and number refer to the same person or whether the number refers to a bank. The sender is obliged to compensate the receiving bank for any loss and expenses incurred by the receiving bank as a result of its reliance on the number in executing or attempting to execute the order.

(2) If the sender is not a bank and the receiving bank proves that the sender, before the payment order was accepted, had notice that the receiving bank might rely on the number as the proper identification of the intermediary or beneficiary’s bank even if it identifies a person different from the bank identified by name, the rights and obligations of the sender and the receiving bank are governed by subsection (b)(1), as though the sender were a bank. Proof of notice may be made by any admissible evidence. The receiving bank satisfies the burden of proof if it proves that the sender, before the payment order was accepted, signed a writing stating the information to which the notice relates.

(3) Regardless of whether the sender is a bank, the receiving bank may rely on the name as the proper identification of the intermediary or beneficiary’s bank if the receiving bank, at the time it executes the sender’s order, does not know that the name and number identify different persons. The receiving bank need not determine whether the name and number refer to the same person.

(4) If the receiving bank knows that the name and number identify different persons, reliance on either the name or the number in executing the sender’s payment order is a breach of the obligation stated in section 4A–302(a)(1).

Section 4A–209. Acceptance of Payment Order

(a) Subject to subsection (d), a receiving bank other than the beneficiary’s bank accepts a payment order when it executes the order.
Section 4A–210. Rejection of Payment Order

(a) A payment order is rejected by the receiving bank by a notice of rejection transmitted to the sender orally, electronically, or in writing. A notice of rejection need not use any particular words and is sufficient if it indicates that the receiving bank is rejecting the order or will not execute or pay the order. Rejection is effective when the notice is given if transmission is by a means that is reasonable in the circumstances. If notice of rejection is given by a means that is not reasonable, rejection is effective when the notice is received. If an agreement of the sender and receiving bank establishes the means to be used to reject a payment order, (i) any means complying with the agreement is reasonable and (ii) any means not complying is not reasonable unless no significant delay in receipt of the notice resulted from the use of the noncomplying means.

(b) This subsection applies if a receiving bank other than the beneficiary’s bank fails to execute a payment order despite the existence on the execution date of a withdrawable credit balance in an authorized account of the sender sufficient to cover the order. If the sender does not receive notice of rejection of the order on the execution date and the authorized account of the sender does not bear interest, the bank is obliged to pay interest to the sender on the amount of the order for the number of days elapsed after the payment date to the day the sender receives notice or learns that the order was not accepted, counting that day as an elapsed day. If the withdrawable credit balance during that period falls below the amount of the order, the amount of interest payable is reduced accordingly.

(c) Acceptance of a payment order cannot occur before the order is received by the receiving bank. Acceptance does not occur under subsection (b)(2) or (b)(3) if the beneficiary of the payment order does not have an account with the receiving bank, the account has been closed, or the receiving bank is not permitted by law to receive credits for the beneficiary’s account.

(d) A payment order issued to the originator’s bank cannot be accepted until the payment date if the bank is the beneficiary’s bank, or the execution date if the bank is not the beneficiary’s bank. If the originator’s bank executes the originator’s payment order before the execution date or pays the beneficiary of the originator’s payment order before the payment date and the payment order is subsequently canceled pursuant to section 4A–211(b), the bank may recover from the beneficiary any payment received to the extent allowed by the law governing mistake and restitution.
Part 3—Execution of Sender’s Payment Order by Receiving Bank

Section 4A–301. Execution and Execution Date

(a) A payment order is executed by the receiving bank when it issues a payment order intended to carry out the payment order received by the bank. A payment order received by the beneficiary’s bank can be accepted but cannot be executed.

(b) Execution date of a payment order means the day on which the receiving bank may properly issue a payment order in execution of the sender’s order. The execution date may be determined by instruction of the sender but cannot be earlier than the day the order is received and, unless otherwise determined, is the day the order is received. If the sender’s instruction states a payment date, the execution date is the payment date or an earlier date on which execution is reasonably necessary to allow payment to the beneficiary on the payment date.

Section 4A–302. Obligations of Receiving Bank in Execution of Payment Order

(a) Except as provided in subsections (b) through (d), if the receiving bank accepts a payment order pursuant to section 4A–209(a), the bank has the following obligations in executing the order:

(g) A payment order is not revoked by the death or legal incapacity of the sender unless the receiving bank knows of the death or of an adjudication of incapacity by a court of competent jurisdiction and has reasonable opportunity to act before acceptance of the order.

(h) A funds-transfer system rule is not effective to the extent it conflicts with subsection (c)(2).

Section 4A–212. Liability and Duty of Receiving Bank Regarding Unaccepted Payment Order

If a receiving bank fails to accept a payment order that it is obliged by express agreement to accept, the bank is liable for breach of the agreement to the extent provided in the agreement or in this Article, but does not otherwise have any duty to accept a payment order or, before acceptance, to take any action, or refrain from taking action, with respect to the order except as provided in this Article or by express agreement. Liability based on acceptance arises only when acceptance occurs as stated in section 4A–209, and liability is limited to that provided in this Article. A receiving bank is not the agent of the sender or beneficiary of the payment order it accepts, or of any other party to the funds transfer, and the bank owes no duty to any party to the funds transfer except as provided in this Article or by express agreement.
section 4A-303. Erroneous Execution of Payment Order

(a) A receiving bank that (i) executes the payment order of the sender by issuing a payment order in an amount greater than the amount of the sender’s order, or (ii) issues a payment order in execution of the sender’s order and then issues a duplicate order, is entitled to payment of the amount of the sender’s order under section 4A-402(c) if that subsection is otherwise satisfied. The bank is entitled to recover from the beneficiary of the erroneous order the excess payment received to the extent allowed by the law governing mistake and restitution.

(b) A receiving bank that executes the payment order of the sender by issuing a payment order in an amount less than the amount of the sender’s order is entitled to payment of the amount of the sender’s order under section 4A-402(c) if (i) that subsection is otherwise satisfied and (ii) the bank corrects its mistake by issuing an additional payment order for the benefit of the beneficiary of the sender’s order. If the error is not corrected, the issuer of the erroneous order is entitled to receive or retain payment from the sender of the order it accepted only to the extent of the amount of the erroneous order. This subsection does not apply if the receiving bank executes the sender’s payment order by issuing a payment order in an amount less than the amount of the sender’s order for the purpose of obtaining payment of its charges for services and expenses pursuant to instruction of the sender.

(c) If a receiving bank executes the payment order of the sender by issuing a payment order to a beneficiary different from the beneficiary of the sender’s order and the funds transfer is completed on the basis of that error, the sender of the payment order that was erroneously executed and all previous senders in the funds transfer are not obliged to pay the payment orders they issued. The issuer of the erroneous order is entitled to recover from the beneficiary of the order the payment received to the extent allowed by the law governing mistake and restitution.

section 4A-304. Duty of Sender To Report Erroneously Executed Payment Order

If the sender of a payment order that is erroneously executed as stated in section 4A-303 receives notification from the receiving bank that the order was executed or that the sender’s account was debited with respect to the order, the sender has a duty to exercise...
ordinary care to determine, on the basis of information available to the sender, that the order was erroneously executed and to notify the bank of the relevant facts within a reasonable time not exceeding 90 days after the notification from the bank was received by the sender. If the sender fails to perform that duty, the bank is not obliged to pay interest on any amount refundable to the sender under section 4A–402(d) for the period before the bank learns of the execution error. The bank is not entitled to any recovery from the sender on account of a failure by the sender to perform the duty stated in this section.

Section 4A–305. Liability for Late or Improper Execution or Failure To Execute Payment Order

(a) If a funds transfer is completed but execution of a payment order by the receiving bank in breach of section 4A–302 results in delay in payment to the beneficiary, the bank is obliged to pay interest to either the originator or the beneficiary of the funds transfer for the period of delay caused by the improper execution. Except as provided in subsection (c), additional damages are not recoverable.

(b) If execution of a payment order by a receiving bank in breach of section 4A–302 results in (i) noncompletion of the funds transfer, (ii) failure to use an intermediary bank designated by the originator, or (iii) issuance of a payment order that does not comply with the terms of the payment order of the originator, the bank is liable to the originator for its expenses in the funds transfer and for incidental expenses and interest losses, to the extent not covered by subsection (a), resulting from the improper execution. Except as provided in subsection (c), additional damages are not recoverable.

(c) In addition to the amounts payable under subsections (a) and (b), damages, including consequential damages, are recoverable to the extent provided in an express written agreement of the receiving bank.

(d) If a receiving bank fails to execute a payment order it was obliged by express agreement to execute, the receiving bank is liable to the sender for its expenses in the transaction and for incidental expenses and interest losses resulting from the failure to execute. Additional damages, including consequential damages, are recoverable to the extent provided in an express written agreement of the receiving bank, but are not otherwise recoverable.

(e) Reasonable attorney’s fees are recoverable if demand for compensation under subsection (a) or (b) is made and refused before an action is brought on the claim. If a claim is made for breach of an agreement under subsection (d) and the agreement does not provide for damages, reasonable attorney’s fees are recoverable if demand for compensation under subsection (d) is made and refused before an action is brought on the claim.

(f) Except as stated in this section, the liability of a receiving bank under subsections (a) and (b) may not be varied by agreement.

Part 4—Payment

Section 4A–401. Payment Date

Payment date of a payment order means the day on which the amount of the order is payable to the beneficiary by the beneficiary’s bank. The payment date may be determined by instruction of the sender but cannot be earlier than the day the order is received by the beneficiary’s bank and, unless otherwise determined, is the day the order is received by the beneficiary’s bank.

Section 4A–402. Obligation of Sender To Pay Receiving Bank

(a) This section is subject to sections 4A–205 and 4A–207.

(b) With respect to a payment order issued to the beneficiary’s bank, acceptance of the order by the bank obliges the sender to pay the bank the amount of the order, but payment is not due until the payment date of the order.

(c) This subsection is subject to subsection (e) and to section 4A–303. With respect to a payment order issued to a receiving bank other than the beneficiary’s bank, acceptance of the order by the receiving bank obliges the sender to pay the bank the amount of the sender’s order. Payment by the sender is not due until the execution date of the sender’s order. The obligation of that sender to pay its payment order is excused if the funds transfer is not completed by acceptance by the beneficiary’s bank of a payment order instructing payment to the beneficiary of that sender’s payment order.

(d) If the sender of a payment order pays the order and was not obliged to pay all or part of the amount paid, the bank receiving payment is obliged to refund payment to the extent the sender was not obliged to pay. Except as provided in sections 4A–204 and 4A–304, interest is payable on the refundable amount from the date of payment.

(e) If a funds transfer is not completed as stated in subsection (c) and an intermediary bank is obliged to refund payment as stated in subsection (d) but is unable to do so because not permitted by applicable law or because the bank suspends payments, a sender in the funds transfer that executed a payment order in compliance with an instruction, as stated in section 4A–302(a)(1), to route the funds transfer through that intermediary bank is entitled to receive or retain payment from the sender of the payment order that it accepted. The first sender in the funds transfer that issued an instruction requiring routing through that intermediary bank is subrogated to the right of the bank.
that paid the intermediary bank to refund as stated in subsection (d).

(i) The right of the sender of a payment order to be excused from the obligation to pay the order as stated in subsection (c) or to receive refund under subsection (d) may not be varied by agreement.

Section 4A–403. Payment by Sender to Receiving Bank

(a) Payment of the sender’s obligation under section 4A–402 to pay the receiving bank occurs as follows:

(1) If the sender is a bank, payment occurs when the receiving bank receives final settlement of the obligation through a Federal Reserve Bank or through a funds-transfer system.

(2) If the sender is a bank and the sender (i) credited an account of the receiving bank with the sender, or (ii) caused an account of the receiving bank in another bank to be credited, payment occurs when the credit is withdrawn or, if not withdrawn, at midnight of the day on which the credit is withdrawable and the receiving bank learns of that fact.

(b) If the receiving bank debits an account of the sender with the receiving bank, payment occurs when the debit is made to the extent the debit is covered by a withdrawable credit balance in the account.

(c) If the sender and receiving bank are members of a funds-transfer system that nets obligations multilaterally among participants, the receiving bank receives final settlement when settlement is complete in accordance with the rules of the system. The obligation of the sender to pay the amount of a payment order transmitted through the funds-transfer system may be satisfied, to the extent permitted by the rules of the system, by setting off and applying against the sender’s obligation the right of the sender to receive payment from the receiving bank of the amount of any other payment order transmitted to the sender by the receiving bank through the funds-transfer system. The aggregate balance of obligations owed by each sender to each receiving bank in the funds-transfer system may be satisfied, to the extent permitted by the rules of the system, by setting off and applying against that balance the aggregate balance of obligations owed to the sender by other members of the system. The aggregate balance is determined after the right of setoff stated in the second sentence of this subsection has been exercised.

(d) If two banks transmit payment orders to each other under an agreement that settlement of the obligations of each bank to the other under section 4A–402 will be made at the end of the day or other period, the total amount owed with respect to all orders transmitted by one bank shall be set off against the total amount owed with respect to all orders transmitted by the other bank. To the extent of the setoff, each bank has made payment to the other.

(d) In a case not covered by subsection (a), the time when payment of the sender’s obligation under section 4A–402(b) or 4A–402(c) occurs is governed by applicable principles of law that determine when an obligation is satisfied.

Section 4A–404. Obligation of Beneficiary’s Bank To Pay and Give Notice to Beneficiary

(a) Subject to sections 4A–211(e), 4A–405(d), and 4A–405(e), if a beneficiary’s bank accepts a payment order, the bank is obliged to pay the amount of the order to the beneficiary of the order. Payment is due on the payment date of the order, but if acceptance occurs on the payment date after the close of the funds-transfer business day of the bank, payment is due on the next funds-transfer business day. If the bank refuses to pay after demand by the beneficiary and receipt of notice of particular circumstances that will give rise to consequential damages as a result of nonpayment, the beneficiary may recover damages resulting from the refusal to pay to the extent the bank had notice of the damages, unless the bank proves that it did not pay because of a reasonable doubt concerning the right of the beneficiary to payment.

(b) If a payment order accepted by the beneficiary’s bank instructs payment to an account of the beneficiary, the bank is obliged to notify the beneficiary of receipt of the order before midnight of the next funds-transfer business day following the payment date. If the payment order does not instruct payment to an account of the beneficiary, the bank is required to notify the beneficiary only if notice is required by the order. Notice may be given by first class mail or any other means reasonable in the circumstances. If the bank fails to give the required notice, the bank is obliged to pay interest to the beneficiary on the amount of the payment order from the day notice should have been given until the day the beneficiary learned of receipt of the payment order by the bank. No other damages are recoverable. Reasonable attorney’s fees are also recoverable if demand for interest is made and refused before an action is brought on the claim.

(c) The right of a beneficiary to receive payment and damages as stated in subsection (a) may not be varied by agreement or a funds-transfer system rule. The right of a beneficiary to be notified as stated in subsection (b) may be varied by agreement of the beneficiary or by a funds-transfer system rule if the beneficiary is notified of the rule before initiation of the funds transfer.
Section 4A–405. Payment by Beneficiary’s Bank To Beneficiary

(a) If the beneficiary’s bank credits an account of the beneficiary of a payment order, payment of the bank’s obligation under section 4A–404(a) occurs when and to the extent (i) the beneficiary is notified of the right to withdraw the credit, (ii) the bank lawfully applies the credit to a debt of the beneficiary, or (iii) funds with respect to the order are otherwise made available to the beneficiary by the bank.

(b) If the beneficiary’s bank does not credit an account of the beneficiary of a payment order, the time when payment of the bank’s obligation under section 4A–404(a) occurs is governed by principles of law that determine when an obligation is satisfied.

(c) Except as stated in subsections (d) and (e), if the beneficiary’s bank pays the beneficiary of a payment order under a condition to payment or agreement of the beneficiary giving the bank the right to recover payment from the beneficiary if the bank does not receive payment of the order, the condition to payment or agreement is not enforceable.

(d) A funds-transfer system rule may provide that payments made to beneficiaries of funds transfer made through the system are provisional until receipt of payment by the beneficiary’s bank of the payment order it accepted. A beneficiary’s bank that makes a payment that is provisional under the rule is entitled to refund from the beneficiary if (i) the rule requires that both the beneficiary and the originator be given notice of the provisional nature of the payment before the funds transfer is initiated, (ii) the beneficiary, the beneficiary’s bank and the originator’s bank agreed to be bound by the rule, and (iii) the beneficiary’s bank did not receive payment of the payment order that it accepted. If the beneficiary is obliged to refund payment to the beneficiary’s bank, acceptedance of the payment order by the beneficiary’s bank is nullified and no payment by the originator of the funds transfer to the beneficiary occurs under section 4A–405.

(e) This subsection applies to a funds transfer that includes a payment order transmitted over a funds-transfer system that (i) nets obligations multilaterally among participants, and (ii) has in effect a loss-sharing agreement among participants for the purpose of providing funds necessary to complete settlement of the obligations of one or more participants that do not meet their settlement obligations. If the beneficiary’s bank in the funds transfer accepts a payment order and the system fails to complete settlement pursuant to its rules with respect to any payment order in the funds transfer, (i) the acceptance by the beneficiary’s bank is nullified and no person has any right or obligation based on the acceptance, (ii) the beneficiary’s bank is entitled to recover payment from the beneficiary, (iii) no payment by the originator to the beneficiary occurs under section 4A–406, and (iv) subject to section 4A–402(e), each sender in the funds transfer is excused from its obligation to pay its payment order under section 4A–402(c) because the funds transfer has not been completed.

Section 4A–406. Payment by Originator to Beneficiary; Discharge of Underlying Obligation

(a) Subject to sections 4A–211(e), 4A–405(d), and 4A–405(e), the originator of a funds transfer pays the beneficiary of the originator’s payment order (i) at the time a payment order for the benefit of the beneficiary is accepted by the beneficiary’s bank in the funds transfer and (ii) in an amount equal to the amount of the order accepted by the beneficiary’s bank, but not more than the amount of the originator’s order.

(b) If payment under subsection (a) is made to satisfy an obligation, the obligation is discharged to the same extent discharge would result from payment to the beneficiary of the same amount in money, unless (i) the payment under subsection (a) was made by a means prohibited by the contract of the beneficiary with respect to the obligation, (ii) the beneficiary, within a reasonable time after receiving notice of receipt of the order by the beneficiary’s bank, notified the originator of the beneficiary’s refusal of the payment, (iii) funds with respect to the order were not withdrawn by the beneficiary or applied to a debt of the beneficiary, and (iv) the beneficiary would suffer a loss that could reasonably have been avoided if payment had been made by a means complying with the contract. If payment by the originator does not result in discharge under this section, the originator is subrogated to the rights of the beneficiary to receive payment from the beneficiary’s bank under section 4A–404(a).

(c) For the purpose of determining whether discharge of an obligation occurs under subsection (b), if the beneficiary’s bank accepts a payment order in an amount equal to the amount of the originator’s payment order less charges of one or more receiving banks in the funds transfer, payment to the beneficiary is deemed to be in the amount of the originator’s order unless upon demand by the beneficiary the originator does not pay the beneficiary the amount of the deducted charges.

(d) Rights of the originator or of the beneficiary of a funds transfer under this section may be varied only by agreement of the originator and the beneficiary.
Section 4A–501. Variation by Agreement and Effect of Funds-Transfer System Rule

(a) Except as otherwise provided in this Article, the rights and obligations of a party to a funds transfer may be varied by agreement of the affected party.

(b) Funds-transfer system rule means a rule of an association of banks (i) governing transmission of payment orders by means of a funds-transfer system of the association or rights and obligations with respect to those orders, or (ii) to the extent the rule governs rights and obligations between banks that are parties to a funds transfer in which a Federal Reserve Bank, acting as an intermediary bank, sends a payment order to the beneficiary’s bank. Except as otherwise provided in this Article, a funds-transfer system rule governing rights and obligations between participating banks using the system may be effective even if the rule conflicts with this Article and indirectly affects another party to the funds transfer who does not consent to the rule. A funds-transfer system rule may also govern rights and obligations of parties other than participating banks using the system to the extent stated in sections 4A–404(c), 4A–405(d), and 4A–507(c).

Section 4A–502. Creditor Process Served on Receiving Bank; Setoff by Beneficiary’s Bank

(a) As used in this section, creditor process means levy, attachment, garnishment, notice of lien, sequestration, or similar process issued by or on behalf of a creditor or other claimant with respect to an account.

(b) This subsection applies to creditor process with respect to an authorized account of the sender of a payment order if the creditor process is served on the receiving bank. For the purpose of determining rights with respect to the creditor process, if the receiving bank accepts the payment order the balance in the authorized account is deemed to be reduced by the amount of the payment order to the extent the bank did not otherwise receive payment of the order, unless the creditor process is served at a time and in a manner affording the bank a reasonable opportunity to act on it before the bank accepts the payment order.

(c) If a beneficiary’s bank has received a payment order for payment to the beneficiary’s account in the bank, the following rules apply:

(1) The bank may credit the beneficiary’s account. The amount credited may be set off against an obligation owed by the beneficiary to the bank or may be applied to satisfy creditor process served on the bank with respect to the account.

(2) The bank may credit the beneficiary’s account and allow withdrawal of the amount credited unless creditor process with respect to the account is served at a time and in a manner affording the bank a reasonable opportunity to act to prevent withdrawal.

(3) If creditor process with respect to the beneficiary’s account has been served and the bank has had a reasonable opportunity to act on it, the bank may not reject the payment order except for a reason unrelated to the service of process.

(d) Creditor process with respect to a payment by the originator to the beneficiary pursuant to a funds transfer may be served only on the beneficiary’s bank with respect to the debt owned by that bank to the beneficiary. Any other bank served with the creditor process is not obliged to act with respect to the process.

Section 4A–503. Injunction or Restraining Order with Respect to Funds Transfer

For proper cause and in compliance with applicable law, a court may restrain (i) a person from issuing a payment order to initiate a funds transfer, (ii) an originator’s bank from executing the payment order of the originator, or (iii) the beneficiary’s bank from releasing funds to the beneficiary or the beneficiary from withdrawing the funds. A court may not otherwise restrain a person from issuing a payment order, paying or receiving payment of a payment order, or otherwise acting with respect to a funds transfer.

Section 4A–504. Order In Which Items and Payment Orders May Be Charged to Account; Order of Withdrawals from Account

(a) If a receiving bank has received more than one payment order of the sender or one or more payment orders and other items that are payable from the sender’s account, the bank may charge the sender’s account with respect to the various orders and items in any sequence.

(b) In determining whether a credit to an account has been withdrawn by the holder of the account or applied to a debit of the holder of the account, credits first made to the account are first withdrawn or applied.

Section 4A–505. Preclusion of Objection to Debit of Customer’s Account

If a receiving bank has received payment from its customer with respect to a payment order issued in the name of the customer as sender and accepted by the bank, and the customer received notification reasonably identifying the order, the customer is precluded from asserting that the bank is not entitled to retain the payment unless the customer notifies the bank of the customer’s objection to the payment within one year.
Section 4A–506. Rate of Interest

(a) If, under this Article, a receiving bank is obliged to pay interest with respect to a payment order issued to the bank, the amount payable may be determined (i) by agreement of the sender and receiving bank, or (ii) by a funds-transfer system rule if the payment order is transmitted through a funds-transfer system.

(b) If the amount of interest is not determined by an agreement or rule as stated in subsection (a), the amount is calculated by multiplying the applicable Federal Funds rate by the amount on which interest is payable, and then multiplying the product by the number of days for which interest is payable. The applicable Federal Funds rate is the average of the Federal Funds rates published by the Federal Reserve Bank of New York for each of the days for which interest is payable divided by 360. The Federal Funds rate for any day on which a published rate is not available is the same as the published rate for the next preceding day for which there is a published rate. If a receiving bank that accepted a payment order is required to refund payment to the sender of the order because the funds transfer was not completed, but the failure to complete was not due to any fault by the bank, the interest payable is reduced by a percentage equal to the reserve requirement on deposits of the receiving bank.

Section 4A–507. Choice of Law

(a) The following rules apply unless the affected parties otherwise agree or subsection (c) applies:

(1) The rights and obligations between the sender of a payment order and the receiving bank are governed by the law of the jurisdiction in which the receiving bank is located.

(2) The rights and obligations between the beneficiary’s bank and the beneficiary are governed by the law of the jurisdiction in which the beneficiary’s bank is located.

(3) The issue of when payment is made pursuant to a funds transfer by the originator to the beneficiary is governed by the law of the jurisdiction in which the beneficiary’s bank is located.

(b) If the parties described in each paragraph of subsection (a) have made an agreement selecting the law of a particular jurisdiction to govern rights and obligations between each other, the law of that jurisdiction governs those rights and obligations, whether or not the payment order or the funds transfer bears a reasonable relation to that jurisdiction.

(c) A funds-transfer system rule may select the law of a particular jurisdiction to govern (i) rights and obligations between partici- 

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