NACHA Quarterly Rulemaking Update

March 21, 2019

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Agenda

- Status of the ACH Network
- Currently in Rule Making:
 - Differentiating Unauthorized Returns
 - Warranty Claims
 - ACH Message Entries
- Rules Implementing in 2019 and Beyond:
 - Audit Requirements
 - Minor Topics
 - Quality and Risk Management
 - Same Day ACH Expansion



Status of the ACH Network



THE ACH NETWORK IS THRIVING



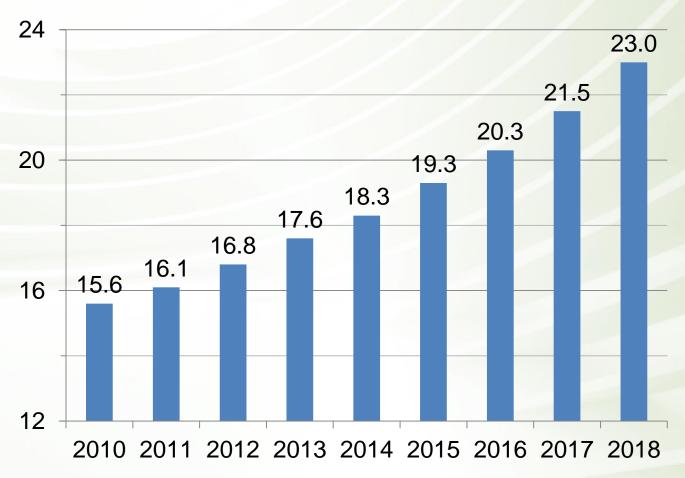


23B TRANSACTIONS TOTALING \$51.2T



The ACH Network is Thriving More than 1 Billion New ACH Network Transactions for Four Consecutive Years

Annual ACH Network Transaction Volume (billions)





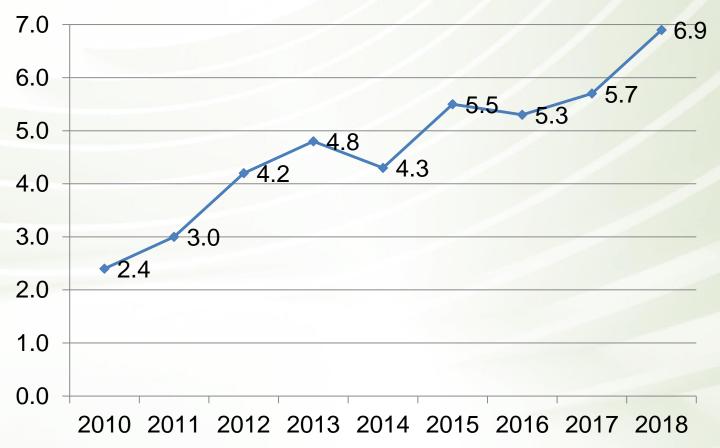
VOLUME HAS INCREASED BY AT LEAST 1B EVERY YEAR FOR THE LAST 4 YEARS

VALUE HAS INCREASED BY AT LEAST \$1T EVERY YEAR FOR THE LAST 6 YEARS



ACH Network Volume Growth is Robust; Highest Growth Rate Since 2008

Annual Percentage Increase of ACH Network Transaction Volume





2018 VOLUME GROWTH BREAKDOWN

B₂B

+9.4%

3.6B

DIRECT DEPOSIT



+4.4% 6.8B INTERNET



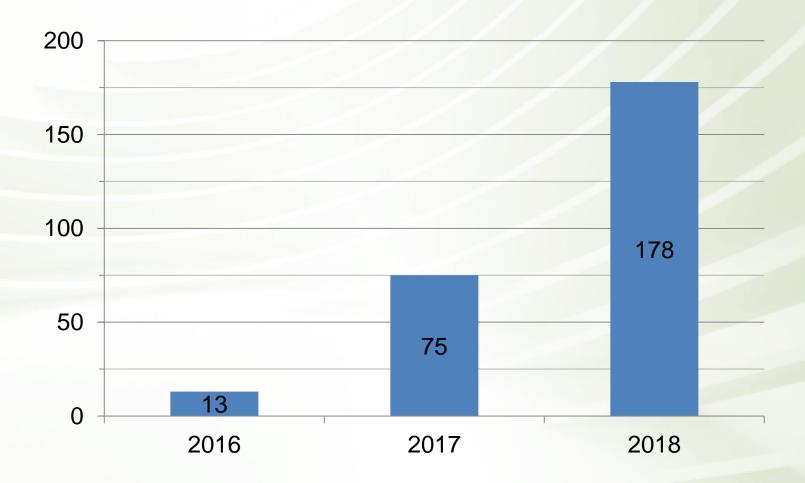
+14.2% 5.9B P₂P



+32.2% 128.7M



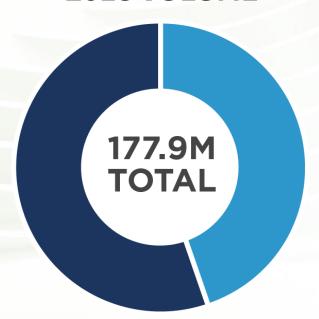
Same Day ACH Payment Volume (millions)





SAME DAY ACH

2018 VOLUME



- **79.6 MILLION DEBITS**
- 98.3 MILLION CREDITS

2018 VALUE



- \$60.7 BILLION DEBITS
- \$99.2 BILLION CREDITS



Currently in Rule Making



Differentiating Unauthorized Returns - Introduction

- Risk management is a process of continuous improvement. NACHA revisits rules on ACH Network quality and risk management topics as warranted from time to time
- In November 2018, three new rules were approved to help manage risk and improve quality
- Providing better differentiation among types of unauthorized return reasons will give ODFIs and Originators clearer and better information when a customer alleges "error" as opposed to "no authorization"
 - Corrective action could be easier in these instances, and more drastic action can be avoided
 - Also allows collection of better industry data on unauthorized activity



Differentiating Unauthorized Return Reasons - Current Rules and Environment

- Currently, return reason code R10 is a catch-all for various types of underlying return reasons
 - Wrong date
 - Wrong amount
 - Incomplete transaction
 - Improperly reinitiated transaction
 - Originator not known/recognized
 - Authorization never given
- For several of these underlying reasons, there is an actual relationship and a payment authorization between the Originator and the Receiver, but the Originator has made an error regarding the payment



Differentiating Unauthorized Return Reasons – The Rule

- A different return code (R11) would be re-purposed to be used for a debit in which there is an error, but for which there is an authorization
 - The re-purposed reason would be "Customer Advises Entry Not In Accordance with the Terms of the Authorization"
 - The new R11 would have the same 60-day extended return time frame and requirement for a Written Statement as with R10
 - The Originator would not be required to get a new authorization if it corrects the error
 - These returns would continue to be covered by the Unauthorized Entry Return Rate and Unauthorized Entry Fee definitions as currently with R10
- Return reason code R10 would continue to be used when a consumer claims he or she does not know the Originator, does not have a relationship with the Originator, or did not give authorization
 - The reason would be "Customer Advises Originator is Not Known to Receiver and/or Is Not Authorized by Receiver to Debit Receiver's Account"



Differentiating Unauthorized Return Reasons – Benefits and Impacts

Expected benefits

- Provides more granular and precise reasons for returns
 - ODFIs and Originators would have clearer information in instances in which customer alleges "error" as opposed to "no authorization"
 - Corrective action easier to take in instances in which the underlying problem is an error – e.g., wrong date, wrong amount
 - More drastic action (e.g., closing an account) can be avoided in instances in which the underlying problem is an error
- Allows collection of better industry data on types of unauthorized return activity

Potential impacts

- ACH Operator and financial institution changes to re-purpose an existing R-code, including modifications to return reporting and tracking capabilities
- Education on proper usage of codes by RDFIs; education, monitoring and remediation by Originators/ODFIs
- Inclusion of an additional return code within existing rules on ODFI Return Reporting and Unauthorized Entry Fees



Differentiating Unauthorized Return Reasons – Changes to the Original Proposal

- Language has been added to address follow-up actions that an Originator may take after receiving an R11 return
 - An Originator that has received an R11 return may correct the error or defect in the original Entry, if possible, and Transmit a new Entry that conforms to the terms of the original authorization, without the need for re-authorization by the Receiver
 - The new Entry must be Transmitted within 180 days from the original Entry
 - The new Entry will not be treated as a Reinitiated Entry if the error or defect in the previous
 Entry has been corrected to conform to the terms of the original authorization
- The effective date is in two phases to enable the new use of the return code sooner, while allowing the billing functions related to the Unauthorized Entry Fee to be developed and implemented by the ACH Operators
- Section 3.12 (WSUD) is reorganized so that the descriptions of types of unauthorized/improper debits are aligned with the descriptions of the return codes in Appendix Four
 - No authorization (R10)
 - Not in conformance with authorization (R11)
 - RCK-specific reasons (R51)



Warranty Claims

- Limit the length of time in which an RDFI can make a claim on the ODFI authorization warranty
 - Strong industry support
 - Top wish list item for some ACH Originators
 - Ongoing work to address concerns over potential regulatory approach to RDFI liability under Regulation E



ACH Message Entries

- Proposal provides a method, through the ACH Network, to resolve exception cases, through new MSG Entry forward and response formats
- Recent Committee feedback is to keep evaluating the cost/benefit balance, especially in light of:
 - Changes to the landscape that may impact level of implementation, and
 - The desire for a two-Operator solution



Federal Reserve Bank Service

- Recently, FRB announced the Exception Resolution Service.
 - To be made available in Spring 2019
 - Will support same use cases as ACH Messaging proposal
 - Will provide administrative functions such as:
 - notifying the receiving FI that they have a request (called a case)
 - providing reminders when due dates are approaching
 - providing a repository for the exchange of documents
 - Initially available as an opt-in service for Fedline customers
 - Receiving a case will be available to all, initiating a case requires opt-in service agreement
- Service is intended to be complementary to ACH Messaging
- More information available on frbservices.org



ACH Message Entries

Ongoing Steps

- Reviewing options for document repository access with industry participants
- Ongoing discussions with industry legal staff about standardizing indemnification requests and provision
- Assess changing landscape when looking at implementation options



Rules Implementing in 2019 and Beyond



January 1, 2019

ACH RULES COMPLIANCE AUDIT REQUIREMENTS



Introduction

- The rule does not change the requirement to conduct a Rules compliance audit annually, but changes the structure of the audit requirement within the Rules
 - Consolidates requirements for the annual Rules compliance audit into one section
 - Removes redundant material, including the recapitulation of many rules currently in Appendix Eight
 - Provides ACH participants with greater flexibility to tailor their audit process to their particular business needs
- The language changes became effective on January 1, 2019 to apply to audits required to be conducted by December 31, 2019



Consolidation of General Audit Obligations Within the *Rules*

- This change consolidates all requirements for an annual Rules compliance audit within one section of the Rules
 - Presently, the general obligation for participating DFIs (and certain Third-Party Service Providers/Senders) to conduct an audit is located within Article One, Section 1.2.2 (Audits of Rules Compliance)
 - The details pertaining to that audit obligation were separately located within Appendix Eight (Rule Compliance Audit Requirements)
- Retains and combines the core audit obligation along with the general administrative requirements for completion of such an audit into Article One of the Rules
 - Having information on a single topic located throughout the Rules is inefficient for users and has the potential to contribute to user error



Impacts of the Changes

- Some organizations may decide to change or modify their methodologies for conducting audits
 - Parties that previously relied exclusively on Appendix Eight as a checklist for conducting their audits should be aware of its limitations and should be prepared to audit on all relevant rules, even those not previously expressly listed within Appendix Eight language
 - Users of Appendix Eight should already be consulting the language within the Articles themselves and the remaining Appendices to ensure compliance with all relevant sections of the *Rules*
- For those financial institutions and third-parties that may prefer a
 workbook or guide to facilitate their annual audit, more robust
 educational resources exist separately in the form of audit guides



January 1, 2019

MINOR RULES TOPICS



Minor Topics Rule Changes

- These changes amend the NACHA Operating Rules to address a variety of minor topics
- Minor changes to the Rules have little-to-no impact on ACH participants and no significant processing or financial impact, including:
 - Editorial changes to improve clarity or readability of language
 - Changes to correct inconsistencies
 - Changes to clarify intent
 - Minor modifications to reflect current practices
- Specifically, the 2018 Minor Topics ballot changes covered:
 - ACH Operator Edits
 - Clarifications on
 - TEL Authorization Requirements
 - RDFI Obligation to Return Credit Entry Declined by Receiver
 - · Reinitiation of Return Entries
 - RDFI Liability upon Receipt of a Written Demand for Payment
- These rules changes became effective on January 1, 2019



June 21, 2019 - 2021

ACH QUALITY AND RISK MANAGEMENT



ACH Quality and Risk Management Topics – Effective Dates

Effective dates for these three changes are:

- Return for Questionable Transaction June 21, 2019
- Supplementing Fraud Detection for WEB Debits January 1, 2020
- Supplementing Data Security Requirements
 - Phase 1 June 30, 2020 for Originators and Third-Parties with annual ACH volume greater than 6 million in 2019
 - Phase 2 June 30, 2021 for Originators and Third-Parties with annual ACH volume greater than 2 million in 2020



ACH Quality and Risk Management

Return for Questionable Transaction June 21, 2019



Return for Questionable Transaction – Current Rules and Environment

- Currently, an RDFI may return an ACH entry for "any reason"
- The defined return reasons include "unauthorized" and "invalid account number/no account"
- For an ACH transaction that does not have a valid account number, and therefore does not post to any Receiver's account, there is not a defined return reason that enables an RDFI to communicate that an ACH transaction is questionable, suspicious, or anomalous in some way
 - Using a standard administrative return reason (R03 or R04) does not enable an ODFI or its Originator to differentiate such questionable or suspicious transactions from other routine account number errors
- Existing NACHA guidance¹ currently advises RDFIs that they can use R17 to return questionable transactions that would otherwise be returned via existing invalid/no account return codes (R03/R04)



¹ Operations Bulletin #3-2017: Misuse of Routing Numbers on Social Media - September 28, 2017

Return for Questionable Transaction - The Rule

- RDFIs will be allowed (but not required) to use return reason code R17 to indicate that the RDFI believes the entry was initiated under questionable circumstances
 - Use of R17 to flag questionable entries is optional, at the discretion of the RDFI
 - RDFIs electing to use R17 for this purpose would be required to use the description "QUESTIONABLE" in the Addenda Information field of the return
 - An R17 in conjunction with this description would enable these returns to be differentiated from returns for routine account numbers errors
- Whether for a single transaction that an RDFI suspects is fraud, or for cases in which an RDFI is receiving a large number of questionable transactions, it will have a method to communicate this to the ODFI(s) via the returns
- Effective date June 21, 2019



Return for Questionable Transaction - The Rule

- Existing NACHA-coordinated opt-in programs with federal and state tax agencies for RDFIs to return tax refund ACH credits using R17 will continue and not be impacted
 - These programs involve the return of questionable ACH credits, whereas the primary "use case" of this rule would be to return ACH debits
 - The opt-in programs provide RDFIs with additional protection from liability when returning ACH credits as questionable; the opt-in rules for those programs will remain intact



ACH Quality and Risk Management

Commercially Reasonable Fraud Detection for WEB Debits

January 1, 2020



Supplementing Fraud Detection Standards for WEB Debits – Current Rules and Environment

- Currently, ACH Originators of WEB debit entries are required to use a "commercially reasonable fraudulent transaction detection system" to screen WEB debits for fraud
 - Existing NACHA guidance already states
 - "An important element of a commercially reasonable fraudulent transaction detection system would be the adoption of risk-based mechanisms designed to confirm the validity of an account to be debited."
 - The requirement is intended to help prevent the introduction of fraudulent payments into the ACH Network, and to help protect RDFIs from posting fraudulent or otherwise incorrect/unauthorized payments
 - Originators are in the best position to detect and prevent fraud related to payments they are initiating
 - In recent risk events perpetrated via social media channels, it has become apparent that some ACH Originators do not have or use any such system to screen WEB debits



Commercially Reasonable Fraud Detection for WEB Debits – The Rule

- The existing screening requirement will be supplemented to make it explicit that "account validation" is part of a "commercially reasonable fraudulent transaction detection system"
 - The supplemental requirement will apply to the first use of an account number, or changes to the account number
 - Will apply on a "going-forward" basis to first use of new account numbers obtained for initiated WEB debits
 - Will not apply retroactively to account numbers that have already been used for WEB debits
 - The rule is neutral with regard to specific methods or technologies to validate account information. Possibilities include:
 - An ACH prenotification
 - ACH micro-transaction verification
 - Commercially available validation service
 - Potential new capabilities or services, such account validation enabled by APIs
- Effective date January 1, 2020



ACH Quality and Risk Management

Account Information Security Requirements
June 30, 2020-2021



Account Information Security Requirements – Current Rules and Environment

- The existing ACH Security Framework, which became effective in 2013, established the following requirements:
 - Financial institutions, Originators, Third-Parties Service Providers and Third-Party Senders are required to establish, implement and update, as appropriate, security policies, procedures, and systems related to the initiation, processing and storage of ACH transactions
 - These policies, procedures, and systems must:
 - Protect the confidentiality and integrity of Protected Information
 - "Protected Information" is defined as "the non-public personal information, including financial information, of a natural person used to create, or contained within, an Entry and any related Addenda Record"
 - Protect against anticipated threats or hazards to the security or integrity of Protected Information; and
 - Protect against unauthorized use of Protected Information that could result in substantial harm to a natural person



Account Information Security Requirements – The Rule

- The rule expands the existing ACH Security Framework rules to explicitly require large, non-FI Originators, Third-Party Service Providers (TPSPs) and Third-Party Senders (TPSs) to protect account numbers by rendering them unreadable when stored <u>electronically</u>
 - Aligns with existing language contained in PCI requirements
 - Industry participants should be reasonably familiar with manner and intent of requirement
 - Neutral as to methods/technology encryption, truncation, tokenization, destruction, data stored/hosted/tokenized by ODFI, etc.
 - Applies only to the DFI account number collected for or used in ACH transactions
 - Would not apply to the storage of paper authorizations
 - The rule does not apply to depository financial institutions when acting as internal Originators, as they are covered by existing FFIEC and similar data security requirements and regulations



Account Information Security Requirements – The Rule

- Implementation begins with the largest Originators and TPSPs (including TPSs)
 - The rule initially applies to ACH Originators/TPSPs/TPSs with ACH volume of 6 million transactions or greater annually
 - Initially, an Originator/Third-Party that originated 6 million or more ACH transactions in calendar year 2019 will need to be compliant by June 30, 2020
 - A second phase applies to ACH Originators/TPSPs/TPSs with ACH volume of 2 million transactions or greater annually
 - An Originator/Third-Party that originated 2 million or more ACH transactions in calendar year 2020 will need to be compliant by June 30, 2021
 - Many ACH Originators/TPSPs are likely compliant already, particularly those that comply with similar PCI requirements



September 20, 2019 - March 19, 2021

SAME DAY ACH EXPANSION



ENHANCEMENTS ARE COMING TO EXPAND THE CAPABILITIES OF SAME DAY ACH



SOONER

Beginning Sept. 20, 2019, the availability of funds for many Same Day ACH and other ACH credits will occur sooner in the day



HIGHER

Beginning March 20, 2020, the per-transaction dollar limit for Same Day ACH will increase to \$100,000



LATER

Beginning March 19, 2021, access will be extended by enabling Same Day ACH transactions to be submitted to the ACH Network two hours later every business day



Providing Faster Funds Availability September 20, 2019



Providing Faster Funds Availability

- The rule provides faster funds availability for many ACH credits
 - Funds from Same Day ACH credits processed in the existing, first processing window will be made available by 1:30 p.m. RDFI local time
 - Funds from non-Same Day ACH credits will be available by 9:00 a.m.
 RDFI local time on the settlement day, if the RDFI had them by 5:00 p.m. on the previous day (i.e., apply the existing "PPD rule" to all ACH credits)
- Effective date September 20, 2019

Processing window	RDFI Receipt Time	Funds Availability Requirement
First Same Day ACH window	12:00 noon ET	1:30 p.m. RDFI local time
Second Same Day ACH window	4:00 p.m. ET	5:00 p.m. RDFI local time
Non-Same Day ACH credits	If received prior to 5:00 p.m. local time	9:00 a.m. RDFI local time for all SEC Codes

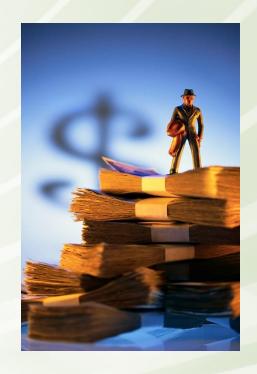


Increasing the SDA Per-Transaction Dollar Limit to \$100,000 March 20, 2020



Increasing the Dollar Limit to \$100,000

- The rule increases the per-transaction dollar limit for Same Day ACH transactions from \$25,000 to \$100,000
 - Both Same Day ACH credits and Same Day ACH debits will be eligible for same day processing up to \$100,000 per transaction
- There are a number of use-cases for which a higher dollar limit would enable ACH end-users to make greater use of Same Day ACH
- Effective date March 20, 2020





Expanding Access to Same Day ACH with a New Processing Window March 19, 2021



Expanding Access to Same Day ACH

- This rule creates a new Same Day ACH processing window that will enable ODFIs and their customers to originate SDA transactions for an additional 2 hours each banking day
 - The new window allows Same Day ACH files to be submitted to the ACH Operators until 4:45 p.m. ET (1:45 p.m. PT), providing greater access for all ODFIs and their customers
 - The timing of this new processing window balances expanding access to Same Day ACH with the desire to minimize impacts on financial institutions' end-of-day operations and the re-opening of the next banking day



Expanding Access to Same Day ACH - The Rule

The ACH Operators will establish a third, daily Same Day ACH processing and settlement window*

- ODFIs will be able to submit files of SDA transactions until 4:45 p.m. ET / 1:45 p.m. PT
 - This timing provides ODFIs operating in Pacific Time with a file submission schedule into the early afternoon
- RDFIs will receive files of SDA transactions by 5:30 p.m. ET / 2:30 p.m. PT
- Interbank settlement will occur at 6:00 p.m. ET / 3:00 p.m. PT
- An RDFI must make funds available for SDA credits in this new SDA processing window no later than the end of its processing day
 - This uses the same end-of-day requirement as did Phases 1 and 2
 - An RDFI could decide to make funds available sooner than the deadline (i.e., an RDFI in Pacific Time could make funds available at 5:00 p.m. Pacific Time)
- All credits and debits, and all returns, will be eligible for same day processing in the new window; except international ACH transactions (IATs), automated enrollments (ENRs), and forward transactions over the per-transaction dollar limit

^{*} The specific ACH Operator processing schedules are not determined by the NACHA Operating Rules, but for this deck are believed to be accurate with respect to ACH Operator intentions.



Expanding Access to Same Day ACH

Effective date for third window March 19, 2021

Processing window	ODFI deadline	RDFI receipt	Settlement
Same Day ACH (1st window)	10:30 a.m. ET	12 noon ET	1:00 p.m. ET
Same Day ACH (2nd window)	2:45 p.m. ET	4:00 p.m. ET	5:00 p.m. ET
Same Day ACH (3rd window)	4:45 p.m. ET	5:30 p.m. ET	6:00 p.m. ET
Next day ACH	2:15 a.m. ET	6:00 a.m. ET	8:30 a.m. ET



- Eligibility for Same Day ACH Processing This Rule does not change the eligibility of transaction types for Same Day ACH processing
 - IATs and ENRs remain ineligible for Same Day ACH
 - The change to the per-transaction dollar limit is covered by the new Rule *Increasing the Same Day ACH Dollar Limit* which becomes effective March 20, 2020
- Same Day Entry Fee The existing fee of 5.2 cents per Same Day ACH transaction will apply to forward Same Day ACH transactions in the third processing window, but will not apply to returns or NOCs processed in this window.



- Identification of Same Day ACH transactions Same Day ACH transactions in this third Same Day ACH processing window will be identified in the same way as with the existing windows – by including a "today's date" in the Effective Entry Date field, and submitting the transaction timely to the ACH Operator
 - ODFIs and Originators optionally may use the convention "SD1800" in the Company Descriptive Date field for transactions in this new Same Day ACH window
 - As with current Same Day ACH processing, ACH Operators will process stale or invalid Effective Entry Dates in the next available processing window, which could be this new Same Day ACH window



End of day processing

- Funds availability for credits received in the third window, like in SDA implementation Phases 1 and 2, will be required by the end of the processing day.
 - While funds do not need to be available for cash withdrawal at that time (e.g., via an ATM), they must be available to satisfy other subsequent debit entries against the account (e.g., to pay ACH debits and checks).
 - For example, if an RDFI finishes processing all credits and debits to its DDAs for the settlement date of November 5 by 11:00 p.m. on November 5, then the funds from a Same Day ACH credit received in the third window must be available in the Receiver's account by 11:00 p.m. on November 5 and must be available to satisfy subsequent debits (other than cash withdrawals) to the Receiver's account.
- The Same Day ACH availability requirement is a "no later than" deadline;
 RDFIs always have discretion to make funds available earlier.



Expanding Access to Same Day ACH - Returns

- For ACH transactions that need to be returned, faster processing of the return is typically a "win-win" for all parties
 - ODFIs and Originators learn about problems sooner
 - RDFIs get exceptions processed and settled faster
- This rule will allow for faster processing of returns, regardless of whether the forward transaction is a same-day transaction or not
 - Returns that are settled on a same-day basis are not subject to the Same Day Entry Fee
 - Not subject to the eligibility limit on forward transactions (i.e., dollar limit per transaction; IAT)
- An RDFI is not required to process returns on the same day an Entry is received, regardless of whether the Entry is a Same Day Entry
 - For example, if an RDFI receives a Same Day ACH debit on April 28 that is NSF, it is not required to send the return on April 28
 - The RDFI is required to send the return so that it is available to the ODFI by the opening of business on April 30 (opening of business 2 Banking Days after the original April 28 Settlement Date)



Expanding Access to Same Day ACH - Returns

- All returns (and Notifications of Change) will be eligible for processing through the third SDA processing window
- The existing "returns-only" window provided by the ACH Operators will be absorbed into the new Same Day ACH processing window
 - Enables RDFIs to send returns later into the day, up to 4:45 p.m. ET / 1:45 p.m.
 PT
 - Greater ability for RDFIs to make use of SDA processing for returns, which would get settled 14.5 hours earlier than next-day returns

Returns processing	RDFI submission deadline	Settlement ¹
Existing "returns only" window	4:00 p.m. ET 1:00 p.m. PT	5:00/5:30 p.m. ET 2:00/2:30 p.m. PT
Returns in new SDA window	4:45 p.m. ET 1:45 p.m. PT	6:00 p.m. ET 3:00 p.m. PT

1 – Settlement timing for the existing returns-only window varies by ACH Operator



SAME DAY ACH USE CASES

The enhancements to Same Day ACH have numerous cases that can benefit ODFIs and their customers.

CREDITS:

Insurance Claims and Disaster Assistance Payments -

these are often more than the current \$25,000 limit and are time sensitive to customers with home, auto and other claims

Refunds -

customers could see credits sooner for an amount due or an overpayment

Discounts -

take advantage of supplier or vendor payment discounts by making payments the same day

DEBITS:

BIII Payments -

consumers could be able to make bill payments on due dates and could see faster processing of late payments

Tax Payments -

businesses could make last-minute payments to avoid penalties

Payroll -

make emergency payrolls and have faster payment options for hourly, temporary and contract workers

BOTH CREDITS AND DEBITS:

Account-to-Account Transfers -

these are often more than the current \$25,000 limit

B2B Payments -

an additional 8 percent of ACH B2B payments become eligible for Same Day ACH

Reversals -

a greater percentage of transactions could be reversed using same-day processing



Thank You!

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We'll see you in 2019!

- Start planning now for some great events being offered in 2019!
 Enjoy member discounts on all of these registration is open now!
 - PAYMENTS 2019 May 5-8, 2019 in Orlando
 - Accredited Payments Risk Professional (APRP) exam window July 1-20, 2019
 - The Payments Institute July 21-24, 2019 in Atlanta Featuring our NEW Payments Risk Management Master's Program
 - Accredited ACH Professional (AAP) exam window October 7-26,
 2019 (registration opens January 14, 2019)
 - Webinars ongoing throughout the year, register through NACHA or your local RPA, visit https://www.nacha.org/content/webinars for the complete schedule
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