Notice of change: Account Management Information (AMI) application for seven-day accounting

In the coming months, the Federal Reserve Banks will make enhancements to the Account Management Information (AMI) application. The changes will position the Federal Reserve Banks to adopt a seven-day accounting cycle. As part of this effort, Subscribers will notice revised screens to allow for the monitoring of FedNowSM Service activity through AMI and other minor changes. Example screens are included within this document.

As a reminder, an account holder may agree to act as a correspondent and allow its master account to be used to settle certain transactions and service fees for a respondent. Correspondents may use AMI to view their respondent’s activity including FedNow transactions and expedite reconcilement and posting functions with the daily Statement of Account and data files.

Key Terms


Non-Standard Business Day1: Saturday – Sunday, including all Federal Reserve Holidays.

Business Date: Federal Reserve accounting cycle date, standard and non-standard business days.

Inquiry Time: Calendar date and time (ET).

Daily Cycle Transition Period: There is a transition period from approximately 7:00 PM - 8:45 PM ET when the Federal Reserve Bank systems are rolling to the next business day. Users can select the current business day or the next business day on the View Balance and View Account Balance Activity screens. Users may need to access FedNow reports for the most current FedNow Services information.

Provisional: At the start of a new cycle date, if the final balance has not been calculated, a provisional balance will be provided.

Messages

Users may receive the following messages when an account activity inquiry is initiated. FedNow users may need to access FedNow reports for the most current FedNow Services information.

• Users may receive message **Some of the data requested was unavailable. Data may be incomplete.** when searching current business day during the daily cycle transition period.

---

1 AMI will be available by 2:00 PM ET on non-standard business days.

The Financial Services logo, “FedNow” and “Fedwire” are service marks of the Federal Reserve Banks. A list of marks related to financial services products that are offered to financial institutions by the Federal Reserve Banks is available at FRBservices.org.
• Users may receive message **Data requested was unavailable for next day** when searching next business day during the daily cycle transition period.

• Users may receive message **The Account Balance does not include all displayed FedNow transactions** when the most recent FedNow transactions are not yet reflected in the summary balance line.
Users may receive message “The number of FedNow items exceeds the display threshold. 500 of xxx total items are displayed.” when there are more than 500 Transaction Code ABA level combinations with FedNow transactions. Users may need to access FedNow reports for the most current FedNow Services information.
<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>81100</td>
<td>PACS.008 Credit Transfer Orig</td>
</tr>
<tr>
<td>81200</td>
<td>PACS.004 Return Orig</td>
</tr>
<tr>
<td>81300</td>
<td>PACS.009 LMT Orig</td>
</tr>
<tr>
<td>81801</td>
<td>PAIN.013 RFP</td>
</tr>
<tr>
<td>81910</td>
<td>Part. Fee - General (Monthly)</td>
</tr>
<tr>
<td>83110</td>
<td>PACS.008 Orig Discount</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Service Area Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8801</td>
<td>FedNow</td>
</tr>
</tbody>
</table>
View Balances

- The date and time header has changed and is formatted as follows:
  - Business Date: MM/DD/YYYY
  - Inquiry Time: MM/DD/YYYY
  - Hr:Min:Sec AM/PM ET
- Users can query the current business day or the next business day during the daily cycle transition period. The Date dropdown is formatted as MM/DD/YYYY.
- A new FedNow category has been added after Prefunded ACH.
- Users will see a provisional Opening Balance when searching next business day during the daily cycle transition period.

View Account Balance Activity

- The date and time header has changed and is formatted as follows:
  - Business Date: MM/DD/YYYY
  - Inquiry Time: MM/DD/YYYY
  - Hr:Min:Sec AM/PM ET
- The Date dropdown is formatted as MM/DD/YYYY. Users can query the current business day or four previous business days as shown below. Users will have the same date selection during the daily cycle transition period plus the next business day.
- A new FedNow category has been added after Prefunded ACH and in All Other Activity.
• Users will see a provisional Opening Balance when searching next business day during the daily cycle transition period.

<table>
<thead>
<tr>
<th>Category</th>
<th>Dtrib</th>
<th>Count</th>
<th>Net Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opening Balance (provisional)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fedline Funds</td>
<td>0.00</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Fedline Securities</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>National Settlement Services</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>PreFund ACH</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>FedNow</td>
<td>11,399.80</td>
<td>0</td>
<td>11,399.80</td>
</tr>
<tr>
<td>4401 FedNow Trans Out</td>
<td>11,220.80</td>
<td>1</td>
<td>11,220.80</td>
</tr>
<tr>
<td>9999 Ref</td>
<td>11,198.80</td>
<td>1</td>
<td>11,198.80</td>
</tr>
<tr>
<td>All Other Activity</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>Account Charges/Forecasts</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>ATM</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>Check Returns</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>Currency/Comm</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>Federal Reserve Service Org</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>Market</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>Loans</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>National Settlement Service</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>Savings Bond</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
</tbody>
</table>

- Users can expand the FedNow balance line to drill down to the Transaction Code and ABA level.
- Before the daily cycle transition, all tiers for FedNow transactions and count of FedNow transactions are displayed.
Users can drill down to view the FedNow supplemental detail when searching previous days or searching current day during the daily cycle transition period.
## View Daylight Overdraft/Available Funds Balance Activity

- The date and time header has changed and is formatted as follows:
  - Business Date: MM/DD/YYYY
  - Inquiry Time: MM/DD/YYYY
  - Hr:Min:Sec AM/PM ET

- A new FedNow category has been added after Prefunded ACH in all Activity options (Summary, Service and Post Time).

- When viewing the Post Time Activity, the After Fedwire® category has been removed, any activity with a DLOD post time of 18:31 - 24:00 ET will show in the 7:00 PM line.

- When viewing the Service Activity, users can expand the FedNow balance line to drill down to the Transaction Code and ABA level. View and functionality is the same as View Account Balance Activity.

---

### Table: View Daylight Overdraft/Available Funds Balance Activity

<table>
<thead>
<tr>
<th>Category</th>
<th>Status</th>
<th>Debit</th>
<th>Count</th>
<th>Credit</th>
<th>Count</th>
<th>Net Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opening Balance</td>
<td></td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>Fedwire Funds</td>
<td>0.00</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>National Settlement Service</td>
<td>0.00</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>Fedwire Securities</td>
<td>0.00</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>Prefunded ACH</td>
<td>0.00</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>FedNow</td>
<td>0.00</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
<td>0</td>
<td>0.00</td>
</tr>
</tbody>
</table>

---

**Business Date:** 09/28/2022, **Inquiry Time:** 09/28/2022 02:47:21 PM ET
Find Non-Fedwire Transactions

- Users can search and view current day and seven previous business days.
- A new Service Category and Transaction Codes have been added for the FedNow Service.
  - FedNow data for the current business day will be available for searches after the transactions are posted to the Federal Reserve Accounting application at approximately 7:00 PM ET.
The date and time header for the results page has changed and is formatted as follows:

- Business Date: MM/DD/YYYY
- Inquiry Time: MM/DD/YYYY
- Hr:Min:Sec AM/PM ET
Find Fedwire Transactions

- There are no changes to Find Fedwire Transactions.

View Future Items Totals

- The date and time header has changed and is formatted as follows:
  - "Inquiry Time: MM/DD/YYYY"
  - "Hr:Min:Sec AM/PM ET".
- Future items will continue to be processed and available on standard business days only.

View Statement of Account

- The daily Statement of Account in PDF format is available seven days a week.
- Users can view the daily Statement of Account for up to 21 business days (increased from 14 to 21).
- As a reminder, if no transactions are posted to the institution’s account, account holders will only see the opening and closing balances, and non-account holders will see a blank statement.
- On non-standard business days, users will see future items summary totals and total amounts maturing on future standard business days.
- FedNow participants and their correspondents will see new FedNow activity.
Download Statement of Account Files

- The Financial Institution Reconciliation Data (FIRD) and Statement of Account Spreadsheet File (SASF) are available seven days a week.
- Users can download the statement data files for up to 21 business days (increased from 14 to 21).
- As a reminder, if no transactions are posted to the institution’s account, users will only see the header record information in their FIRD file, and no SASF file will be created.
- FedNow participants and their correspondents will see new FedNow activity.
- For detailed information about these changes, view the addendum.
Download Correspondent/Respondent Report

- Correspondent/Respondent settlement relationships for the FedNow Service will be included in the Correspondent/Respondent Report.
- When settlement updates are effective on a non-standard business day, a report will be available to download for that non-standard business day.

Download CMS Plus

- The date and time header has changed and is formatted as:
  - Report Run Time: MM/DD/YYYY
  - Hr:Min:Sec AM/PM ET
- Reports will continue to be available on standard business days only.
- FedNow participants and their correspondents may see new FedNow activity for the 19:30 ET delivery.
View Collateral Balances

- The date and time header has changed and is formatted as:
  - Inquiry Time: MM/DD/YYYY
  - Hr:Min:Sec AM/PM ET
- Users will receive message "Collateral balances are unavailable at this time." on non-standard business days.

View Detailed Current Day Collateral Activity

- The date and time header has changed and is formatted as:
  - Inquiry Time: MM/DD/YYYY
  - Hr:Min:Sec AM/PM ET
- Users will receive message "Detailed Activity is unavailable at this time." on non-standard business days.
Download Collateral Reports

- The date and time header has been removed.
- Reports will continue to be available on standard business days only.

View Service Charge Information

- Users will see new Service Area Codes for the FedNow service.
- Users can view FedNow billing transactions from summary totals to detailed charges.

Find/Download Service Charge Information

- Users can search FedNow activity by Service Area Summary for All Activity, Product Code Summary Activity, Product Code Summary Activity by RTN and Detail Activity.
View and Download Statement of Service Charges

- FedNow participants and their correspondents will see new FedNow service area codes and product codes in their Monthly Statement of Service Charges and Service Charges Reconcilement Data (SCRD).

View Capital Stock Reports

- There are no changes to View Capital Stock Reports.

Daylight Overdraft Reports

- Daylight Overdraft Reports are available seven days a week. However, users will be able to view non-standard business day reports the next standard business day (e.g., Saturday and Sunday reports will be available to view Monday or Tuesday if Monday is a holiday).
Addendum for FIRD, IDAY and SASF Files

End-of-Day Financial Institution Reconcilement Data (FIRD) File and Intra-Day File (IDAY)

Presentation changes to the FIRD and IDAY include:
- All dates in the FIRD and IDAY file can be any calendar date.
- In preparation for the FedNow Service targeted in 2023, a new detail section will appear as described below:
- FedNow participants and their correspondents may see new FedNow activity for the 19:30 ET IDAY File delivery.

**DETAIL FORMAT**

<table>
<thead>
<tr>
<th>Field</th>
<th>Length</th>
<th>Type</th>
<th>Value/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>The format depicted for the FedNow Service data fields below redefined the last 15 bytes of the Daylight Overdraft Posting times plus the 55-byte Filler above.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>APPL-ID</td>
<td>2</td>
<td>Alpha</td>
<td>Application ID (Optional)</td>
</tr>
<tr>
<td>FN = FedNow</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type - Sub type</td>
<td>4</td>
<td>Alpha/Numeric</td>
<td>‘0080’ = Credit payment transfer</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>‘0040’ = Return of payment transfer</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>‘0090’ = Financial institution credit transfer</td>
</tr>
<tr>
<td>Message Identification</td>
<td>35</td>
<td>Alpha/Numeric</td>
<td>Unique message identification number for transfer. Calendar Date, followed by</td>
</tr>
<tr>
<td>Number</td>
<td></td>
<td></td>
<td>RTN and unique Reference ID. (YYYYMMDD9999999999 &lt;up to 18 characters Reference ID&gt;)</td>
</tr>
<tr>
<td>Filler</td>
<td>7</td>
<td>Spaces</td>
<td></td>
</tr>
<tr>
<td>Cycle Date</td>
<td>8</td>
<td>Date</td>
<td>Cycle date which can be any calendar date. Date (YYYYMMDD)</td>
</tr>
<tr>
<td>Posting Time</td>
<td>7</td>
<td>Time Stamp</td>
<td>Transaction Posting Time (HHMMSSS)</td>
</tr>
<tr>
<td>Create Time</td>
<td>7</td>
<td>Time Stamp</td>
<td>Start time FedNow Service used to start the timeout clock to determine amount of</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>time payment takes to process (HHMMSSS)</td>
</tr>
</tbody>
</table>

Total Future Records changes to the FIRD and IDAY includes:
- Future Section revision include all calendar dates.
- Check and ACH transactions will continue to mature using standard business day.
- FedNow activity will not contain any future transactions.
- The future total line will not be created for that series of dates if no futures are available for that line.
- The total debit and credit amounts which follow each calendar day is the net debit and net credit total for that specific date.
## Total Future Records

<table>
<thead>
<tr>
<th>Field</th>
<th>Length</th>
<th>Type</th>
<th>Value/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Record Type</td>
<td>1</td>
<td>Alpha</td>
<td>T = Total</td>
</tr>
<tr>
<td>Filler</td>
<td>1</td>
<td>Space</td>
<td></td>
</tr>
<tr>
<td>Section</td>
<td>2</td>
<td>Alpha/Numeric</td>
<td>F1 = Future total calendar days 1-5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>F2 = Future total calendar days 6-10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>F3 = Future total calendar days 11-15</td>
</tr>
</tbody>
</table>

## Statement of Account Spreadsheet File (SASF)

Presentation changes to the SASF include:

- The following column headers have changed: Funds/Security ID, IMAD Number and OMAD Posting Date. See the table below for the **new** and **(former)** column header.
- In preparation for the FedNow Service targeted in 2023, FedNow data will be provided in column headers: Apple ID, Type/Subtype, IMAD Number/Message ID and OMAD Posting Date/Cycle Date, as bolded in the table below.

As a reminder, the SASF will not be created for any business day where there is no transactional activity for the master account.

### Column Header | Value/Description
--- | ---
Second Tier | RTN of second-tier relationships of the settlement financial institution (Master Account) or N/A
Branch Number | N/A – branch numbers not sent to the Accounting system
Lowest Tier | RTN of the institution reporting through the second tier RTN or N/A
Tran Code Description | 4-digit Transaction Code with Tran Code Description
Debit Amount | Transaction Amount - Debit
Credit Amount | Transaction Amount - Credit
Offset ABA | The RTN of the offset financial institution (If an offsetting financial institution is not applicable, the RTN of the Federal Reserve Bank processing the entry will be provided).
Reference Number | Ref -0000 (last 4 digits of the reference number) if available
Posting Time | Time the transaction posted to the FRS Accounting system
FRB Contact | FRB Contact Phone number associated with the TPU where the transaction posted
Available Date | The date the item is available ‘YYMMDD’
Reversal Time | Time the original transaction was reversed or N/A
Original Cash Letter Amount | Original Cash letter amount for check or zero
One Day Amount | 1 day future amount or zero
Two Day Amount | 2-day future amount or zero
Three Day Amount | 3-day future amount or zero
RSTM Control Item | RSTM and reference text or N/A
EF Immediate Amount | Future – Immediate or zero
EF 1-Day Amount | Future – 1 day or zero
EF 2-Day Amount | Future – 2 day or zero
EF 3-Day Amount | Future – 3 day or zero
Appl Id | Application ID (FT-Funds, ST-Securities **FN- FedNow**)
<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
</table>
| Type/Subtype               | FedNow Activity only (number preceded by “Type:”)  
‘0080’ = Credit payment transfer  
‘0040’ = Return of payment transfer  
‘0090’ = Financial institution credit transfer  
Transfer of Funds and Transfer of Securities do not have “Type” preceding number |
| Ref Number                 | “Ref” followed by reference number or Blank  
(Note: This field will be blank for FedNow Activity)                                                                                       |
| IMAD Number/Message ID    | FedNow Activity (message ID) is preceded by “Ref -” followed by reference number (or) if Blank displays “N/A” for FN  
Unique message identification number for transfer (Calendar date, RTN, unique reference number)  
‘YYYYMMDD999999999>unique reference number  
Transfer of Funds and Transfer of Securities do not have “Ref” preceding number |
| OMAD Posting Date/Cycle Date | FedNow will be Cycle date which can be any calendar date. Date (YYYYMMDD)                                                                                      |
| OMAD Posting Time          | FedNow Start time FedNow Service used to start the timeout clock to determine amount of time payment takes to process (Tm: HHMMSSSS)                                                                                 |
| Account Number             | N/A                                                                                                                                                                                                        |
| DORPS Posting Time         | Daylight Overdraft (DLOD) Posting Time in HHMM format                                                                                           |