Industry Discussion
August 16th, 2017
Agenda

• Feedback on the Contingency Rollback Approach
  – Review of feedback received following July session

• Transaction Report Specification
  – Orientation to reports used to assist resubmission

• Contingency Rollback Support Testing
  – Development and testing schedule with industry involvement

• Conclusion and Next Steps

• Discussion
Our goal today is to provide additional detail on the contingency rollback approach, support, and testing.

This is the second in a series of meetings to prepare for potential rollback following transition.
Subject Matter Experts

A number of subject matter experts are present today and will support the discussion

- **Suzanne Addington**
  - NAPM Transition Team
  - Sprint Inc.

- **Teresa Patton**
  - NAPM Co-Chair & Transition Team
  - AT&T Inc.

- **Deborah Tucker**
  - NAPM Transition Team
  - Verizon Inc.

- **Paul Mazouat**
  - LNPA Transition Team
  - iconectiv LLC

- **John Malyar**
  - LNPA Transition Team
  - iconectiv LLC

- **Dave Gorton**
  - LNPA Transition Team
  - iconectiv LLC

- **Pat White**
  - LNPA Transition Team
  - iconectiv LLC
Contingency Rollback Approach Feedback
Recap: Industry-Led Contingency Rollback

After thorough consideration, the NAPM selected an **Industry-Led rollback approach** as the best option considering technical, resource, schedule, and contractual constraints.

In the event of a rollback, NPAC users will re-submit porting and other requests in accordance with their own processes and systems, i.e., the industry leads the effort.

In industry-led rollback,
- The Neustar NPAC will be restarted.
- Service providers will re-connect with the Neustar NPAC and resubmit transactions that were sent since the regional cutover.
- Requests should be resubmitted in accordance with the service providers’ own processes.
- The TOM and NAPM will provide governance and facilitation.
- iconectiv will provide individualized transaction reports and a resubmission aid document to supplement service providers’ own records and processes.
What we heard from you

Following the first session where we introduced the industry-led concept, we received a range of feedback.

Feedback by Category:
- Communications: 3
- Rollback Approach: 3
- Transition Approach: 3
- Risk: 2
- Miscellaneous: 3

Total: 14
During the initial review of the rollback plan we noted that transition participants will be provided regular reports on status; you asked for additional clarity.

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>How will you communicate to the Industry about any issues discovered after cutover?</td>
<td>Issues will be communicated via a transition conference bridge and WebEx status summary, which will be available to all participants</td>
</tr>
<tr>
<td>Will there be a website to update folks as to the progress of the cutover and if an issue(s) are discovered?</td>
<td>Yes. Status will be provided via the NPAC and NAPM LLC websites. Additionally, the TOM host a live conference call bridge and WebEx</td>
</tr>
<tr>
<td>If a rollback is required - how will you notify the Industry?</td>
<td>If a rollback is required, it will be announced on the live conference bridge and followed with an email using the primary contact information on file for each registered provider</td>
</tr>
</tbody>
</table>

We will further address these concerns as we detail the communications plan.
You asked for more detail regarding rollback triggers, alternatives considered, and the impact on industry

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>How do you define the &quot;time to repair&quot; before you pull the trigger to rollback?</td>
<td>Time to repair is the TGT’s best estimate based on iconectiv’s assessment of the difficulty and duration of making a repair</td>
</tr>
<tr>
<td>Have you looked at a mechanized rollback instead?</td>
<td>A number of mechanized options (including EBDD, MUMP, Peering) were considered but the industry-led option was selected because it best addressed technical, resource, schedule, contractual constraints</td>
</tr>
<tr>
<td>Doesn't this put too much burden on service providers for resubmission?</td>
<td>While Service Providers would need to coordinate and submit requests in the event of a rollback, we should recognize that the industry has successfully handled outages, transitions, and upgrades many times in the past. This rollback approach is the baseline since, even if a mechanized option were available, the data could be damaged and manual recovery required</td>
</tr>
</tbody>
</table>
You asked for more detail regarding some areas of the transition and preparation

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>What QA is planned during transition?</td>
<td>iconectiv must successfully complete many layers of QA testing before a migration decision. The QA process for NPAC Release A was summarized in the May TOEP webcast which is available on napmltc.org</td>
</tr>
<tr>
<td>Will SPID migrations be in a blackout state until the Industry has fully cut over to iconectiv's NPAC?</td>
<td>iconectiv is preparing a SPID migration calendar that will propose limited blackout periods during the transition. Initial versions have already been presented to the LNPA WG for evaluation</td>
</tr>
<tr>
<td>What happens to SPID migrations if there is a rollback?</td>
<td>Participants will resubmit SPID migration requests (as well as MUMP requests and regular porting requests)</td>
</tr>
</tbody>
</table>

We report on the progress towards readiness in TOEP sessions and will continue to update you on topics like blackout periods as we approach the planned regional transitions.
You expressed some concerns regarding contingency rollback risk areas as well

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Could this plan put customers at risk of losing service or their phone numbers?</td>
<td>End users cannot lose their numbers, but porting could be halted or delayed during a rollback recovery period. This risk drives our focus on readiness for transition and QA of the incoming NPAC so a rollback can be avoided.</td>
</tr>
<tr>
<td>What happens if a service provider doesn’t resubmit transactions during a rollback?</td>
<td>Service providers are expected to resubmit transactions in accordance with existing norms for failed transactions. TGT and TOM will monitor progress in the event of a rollback.</td>
</tr>
</tbody>
</table>

Risk is our primary and continual focus. The Transition Governance Team (TGT) and TOM will monitor performance and handle rollback governance throughout the transition to manage any issues.
You communicated some additional questions as well

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will historical files be available after transition?</td>
<td>The entire NPAC database is being transferred including the LEAP (but not WDNC) history files</td>
</tr>
<tr>
<td>Will contingency rollback presentation materials be available for those of us calling in?</td>
<td>Materials for public presentations are always made available at the napmllc.org website</td>
</tr>
<tr>
<td>Will this presentation require any special software?</td>
<td>No, only your web browser is required</td>
</tr>
</tbody>
</table>
Transaction Report Specification
Contingency Rollback Details

If a rollback is declared, participants will coordinate and resubmit activity according to their individual processes.

Transition Pre-Rollback
- Transition completed
- Maintain Neustar NPAC system in quiescent, state
- Begin logging NPAC requests
- Begin monitoring performance

Point of Failure
- Critical failure reported to TGT with description of the problem and impact, to the extent known at that time
- iconectiv engineering works to resolve

Decide

Act
- Transaction Report provided to each participant
- Re-associate with Neustar NPAC
  - Begin normal porting.
  - Evaluate the Transaction Report and begin resubmitting transactions to re-sync through the usual interfaces (SOA, LTI, etc.)

Transaction reports will be provided to support resubmission.
What are the expectations and support provided in the event of a rollback?

**Industry Roles and Expectations**

**Mechanized Users**

Neustar network configurations must be preserved to allow quick reconnection. LSMS and SOA systems will need to be re-associated and re-synchronized.

**LTI Users**

LTI users will need to revert to their Neustar LTI login credentials. Since no local system is involved, a resynchronization is not needed, but LTI users should be prepared for failed transactions and slow/delayed porting with larger operators.

**Ancillary Service Users**

Little impact on ELEP and WDNC users is expected.

**Support Provided**

Current industry processes and supplemental support mechanisms will be available:

- Current service provider processes for handling errors and resubmissions
- iconectiv-generated transaction report
- iconectiv request resubmission aid
- NAPM / TOM coordination bridge
- NPAC help desk

...today we will further discuss the iconectiv-generated transaction report
iconectiv will provide the Transaction Report Specification no later than August 25th for service providers to use as a design guide.

In November, service providers will receive a resubmission aid with various use cases and recommendations, followed by example reports near the end of January 2018.

The following worksheets describe the transactions that can occur for the major objects that NPAC users can originate.

<table>
<thead>
<tr>
<th>Column</th>
<th>Number</th>
<th>Column Name</th>
<th>Example Value</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number</td>
<td>0001</td>
<td>NPA-NXX Create</td>
<td>Always 6 digits</td>
<td>Required</td>
</tr>
<tr>
<td></td>
<td>0001</td>
<td>NPA-NXX Delete</td>
<td>N/A</td>
<td>Required</td>
</tr>
<tr>
<td></td>
<td>0001</td>
<td>LRN Create</td>
<td>1234567890</td>
<td>Required</td>
</tr>
<tr>
<td></td>
<td>0001</td>
<td>LRN ID</td>
<td>732699</td>
<td>Note 1</td>
</tr>
<tr>
<td></td>
<td>0001</td>
<td>SV Type</td>
<td>1 to 10 digits</td>
<td>Required</td>
</tr>
</tbody>
</table>

The specification will include:

1. An Excel file, organized into tabs for ease of analysis (shown at left)
2. A Word document describing how to use the report

The specification will be distributed by email to the primary contact of each registered user.
Each Worksheet defines the set of data that can occur in transactions for the object, as well as what data is required, optional, or N/A

File structure
- Worksheets will be in a CSV format with a pipe character (|) used as the delimiter
- The first row of each worksheet will contain the column names identifying the attributes that can appear in transactions for the object.
- The remaining rows will contain transactions that occur for that object.

Notes
- If an attribute for an object is N/A for a transaction, or is optional for a transaction and does not appear in that request, the pipes for the object will be present with no value
- If the last attribute listed for an object is N/A or does not appear, the ending pipe character will not appear
- The set of attributes for a particular object will always be fixed.

Example SV worksheet with 4 transactions
The SV Data tab will provide a list of all porting requests submitted by the Service Provider: New SP Create, Old SP Create, New SP Modify, Old SP Modify, Cancel, Remove from Conflict, Activate, Disconnect.

<table>
<thead>
<tr>
<th>Column Number</th>
<th>Column Name</th>
<th>Example Value</th>
<th>Format</th>
<th>New SP Create</th>
<th>Old SP Create</th>
<th>New SP Modify</th>
<th>Old SP Modify</th>
<th>Cancel</th>
<th>Remove From Conflict</th>
<th>Activate</th>
<th>Disconnect</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction Timestamp</td>
<td>20140115153230.123</td>
<td>yyyymmdhhmmss.fff</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>2</td>
<td>Request Type</td>
<td>New SP Create</td>
<td>enumerated, either New SP Create, Old SP Create, New SP Modify, Old SP Modify, Cancel, Remove From Conflict, Activate, or Disconnect.</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>3</td>
<td>Initiator SPID</td>
<td>0001</td>
<td>4 alphanumeric; if NPAC originates, will be NPAC</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>4</td>
<td>Version TN</td>
<td>7326990000-0005</td>
<td>10 digits for single TN, 10 digits followed by &quot;.&quot; followed by 4 digits for TN Range</td>
<td>Required</td>
<td>Required</td>
<td>Note 1</td>
<td>Note 1</td>
<td>Note 1</td>
<td>Note 1</td>
<td>Note 1</td>
<td>Note 1</td>
</tr>
<tr>
<td>5</td>
<td>Version ID</td>
<td>1234567890</td>
<td>1 to 10 digits</td>
<td>N/A</td>
<td>N/A</td>
<td>Note 1</td>
<td>Note 1</td>
<td>Note 1</td>
<td>Note 1</td>
<td>Note 1</td>
<td>Note 1</td>
</tr>
<tr>
<td>6</td>
<td>Status</td>
<td>Pending</td>
<td>enumerated: Active, Pending, Conflict, Disconnect Pending</td>
<td>N/A</td>
<td>N/A</td>
<td>Note 2</td>
<td>Note 2</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>7</td>
<td>LNP Type</td>
<td>LSPP</td>
<td>enumerated, either LSPP or LISP</td>
<td>Required</td>
<td>Required</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>8</td>
<td>Old SPID</td>
<td>0002</td>
<td>Always 4 alphanumeric</td>
<td>Required</td>
<td>Required</td>
<td>N/A</td>
<td>Required</td>
<td>Note 3</td>
<td>Note 3</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>9</td>
<td>Old SP Due Date</td>
<td>20140115153100</td>
<td>yyyymmdhhmmss</td>
<td>N/A</td>
<td>Required</td>
<td>N/A</td>
<td>Optional</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>10</td>
<td>Old SP Authorization</td>
<td>FALSE</td>
<td>enumerated, either TRUE or FALSE</td>
<td>N/A</td>
<td>Required</td>
<td>N/A</td>
<td>Optional</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>11</td>
<td>Cause Code</td>
<td>51</td>
<td>enumerated, either 50, 51, 52, 53, or 54</td>
<td>N/A</td>
<td>Optional</td>
<td>N/A</td>
<td>Optional</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

List continues to 46 attributes
# Transaction Report – Number Pool Blocks

The Number Pool Block tab will provide a list of all pool block activity: *Block Create, Block Modify*

<table>
<thead>
<tr>
<th>Column Number</th>
<th>Column Name</th>
<th>Example Value</th>
<th>Format</th>
<th>Block Create</th>
<th>Block Modify</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction Timestamp</td>
<td>20140115153230.123</td>
<td>yyyyymmddhhmss.fff</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>2</td>
<td>Request Type</td>
<td>Block Create</td>
<td>enumerated, either Block Create or Block Modify</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>3</td>
<td>Initiator SPID</td>
<td>0001</td>
<td>4 alphanumeric; if NPAC originates, will be NPAC</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>4</td>
<td>Scheduled Activity Date</td>
<td>20140115153200</td>
<td>yyyyymmddhhmss, seconds are expected to be <strong>00</strong></td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>5</td>
<td>NPA-NXX-X</td>
<td>7326991</td>
<td>7 digits</td>
<td>Required</td>
<td>Note 1</td>
</tr>
<tr>
<td>6</td>
<td>Block ID</td>
<td>1234567890</td>
<td>1 to 10 digits</td>
<td>N/A</td>
<td>Note 1</td>
</tr>
<tr>
<td>7</td>
<td>New Current SPID</td>
<td>0001</td>
<td>Always 4 alphanumeric</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>8</td>
<td>SV Type</td>
<td>Wireline</td>
<td>enumerated: Wireline, Wireless, Class 2 VoIP, VoWIFI, Prepaid Wireless, Class 1 VoIP, SV TYPE 6</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>9</td>
<td>LRN</td>
<td>73269999999</td>
<td>Always 10 digits</td>
<td>Required</td>
<td>Optional</td>
</tr>
<tr>
<td>10</td>
<td>CLASS DPC</td>
<td>028155067</td>
<td>always 9 digits, leading zero pad as needed</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>11</td>
<td>CLASS SSN</td>
<td>000</td>
<td>always 3 digits, leading zero pad as needed</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>12</td>
<td>LIDB DPC</td>
<td>028155067</td>
<td>always 9 digits, leading zero pad as needed</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>13</td>
<td>LIDB SSN</td>
<td>000</td>
<td>always 3 digits, leading zero pad as needed</td>
<td>Optional</td>
<td>Optional</td>
</tr>
</tbody>
</table>

*List continues to 34 attributes*
# Transaction Report – Other tabs

## NPA-NXX

<table>
<thead>
<tr>
<th>Column Number</th>
<th>Column Name</th>
<th>Example Value</th>
<th>Format</th>
<th>NPA-NXX Create</th>
<th>NPA-NXX Modify</th>
<th>NPA-NXX Delete</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction Timestamp</td>
<td>20140115153230.123</td>
<td>yyyyymmddhhmms.sss</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>2</td>
<td>Request Type</td>
<td>New SP Create</td>
<td>enumerated, either NPA-NXX Create, NPA-NXX Delete, or NPA-NXX Modify</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>3</td>
<td>Initiator SPID</td>
<td>0001</td>
<td>4 alphanumeric; if NPAC originates, will be NPAC</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>4</td>
<td>Service Provider ID</td>
<td>0001</td>
<td>Always 4 alphanumeric</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>5</td>
<td>NPA-NXX</td>
<td>732699</td>
<td>Always 6 digits</td>
<td>Required</td>
<td>Note 1</td>
<td>Note 1</td>
</tr>
<tr>
<td>6</td>
<td>NPA-NXX ID</td>
<td>123456</td>
<td>1 to 10 digits</td>
<td>N/A</td>
<td>Note 1</td>
<td>Note 1</td>
</tr>
<tr>
<td>7</td>
<td>Effective Timestamp</td>
<td>20140116000000</td>
<td>yyyyymmddhhmms.sss</td>
<td>Required</td>
<td>Required</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Note 1: Requires 6 or 7 digits for NPA-NXX-X.*

## NPA-NXX-X

<table>
<thead>
<tr>
<th>Column Number</th>
<th>Column Name</th>
<th>Example Value</th>
<th>Format</th>
<th>NPA-NXX-X Create</th>
<th>NPA-NXX-X Modify</th>
<th>NPA-NXX-X Delete</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>NPA-NXX-X</td>
<td>7326990</td>
<td>Always 7 digits</td>
<td>Required</td>
<td>Note 1</td>
<td>Note 1</td>
</tr>
<tr>
<td>6</td>
<td>NPA-NXX-X ID</td>
<td>1234567891</td>
<td>2 to 10 digits</td>
<td>N/A</td>
<td>Note 1</td>
<td>Note 1</td>
</tr>
<tr>
<td>7</td>
<td>Effective Timestamp</td>
<td>20140116000000</td>
<td>yyyyymmddhhmms.sss</td>
<td>Required</td>
<td>Required</td>
<td>N/A</td>
</tr>
<tr>
<td>8</td>
<td>NPA-NXX-X Pseudo LRN Indicator</td>
<td>FALSE</td>
<td>enumerated, either TRUE or FALSE</td>
<td>Required</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>9</td>
<td>Scheduled Activity Date</td>
<td>20140115153200</td>
<td>yyyyymmddhhmms, seconds are expected to be 00</td>
<td>N/A</td>
<td>N/A</td>
<td>Optional</td>
</tr>
</tbody>
</table>

## LRN

<table>
<thead>
<tr>
<th>Column Number</th>
<th>Column Name</th>
<th>Example Value</th>
<th>Format</th>
<th>LRN Create</th>
<th>LRN Delete</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction Timestamp</td>
<td>20140115153230.123</td>
<td>yyyyymmddhhmms.sss</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>2</td>
<td>Request Type</td>
<td>LRN Create</td>
<td>enumerated, either LRN Create or LRN Delete</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>3</td>
<td>Initiator SPID</td>
<td>0001</td>
<td>4 alphanumeric; if NPAC originates, will be NPAC</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>4</td>
<td>Service Provider ID</td>
<td>0001</td>
<td>Always 4 alphanumeric</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>5</td>
<td>LRN</td>
<td>732699</td>
<td>Always 6 digits</td>
<td>Required</td>
<td>Note 1</td>
</tr>
<tr>
<td>6</td>
<td>LRN ID</td>
<td>123456</td>
<td>1 to 10 digits</td>
<td>N/A</td>
<td>Note 1</td>
</tr>
</tbody>
</table>
Actual transaction reports (i.e., not the specification), including the example reports, will be loaded to the regular iconectiv SFTP site for download.

This will be the same location used for Ad-Hoc reports and SPs may use their regular SFTP credentials.

Since files will be individual for each SPID and region, SPs may receive multiple files.

Every primary user (SP) will be given access and assigned credentials during onboarding.
Feedback and Questions

Transaction Report Specification documents will be distributed no later than August 25th to the primary contact for each registered iconectiv NPAC user

• When you receive the specification, please review and provide feedback as soon as possible so that any issues or questions can be addressed. Feedback and questions should be emailed to npac@iconectiv.numberportability.com

• If you do not receive the specification, please contact iconectiv using the same npac@iconectiv.numberportability.com email address so that we can ensure that you receive a copy

• If you have additional comments or concerns please do not hesitate to reach out to the TOM through the comments box at https://napmllc.org – look under the “LNPA Transition” tab
Contingency Rollback Support Testing
iconectiv has already begun to develop supporting material. Testing the reports and processes will follow.

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**Preparation Timeline**

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Note: Dates are subject to change

Today

Ready mid-March 2018

Industry participant preparation and involvement will be needed to execute this plan.
Opportunities to get involved

Industry participants will be able to begin reviewing the report specification and start their internal preparations in just a few days.

<table>
<thead>
<tr>
<th>Industry Preparation</th>
<th>2017</th>
<th>2018</th>
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<tbody>
<tr>
<td></td>
<td>JUL/AUG/SEP/OCT/NOV/DEC</td>
<td>JAN/FEB/MAR/APR/MAY/JUN</td>
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<tr>
<td>Develop report specification</td>
<td>18 Aug</td>
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<tr>
<td>Develop resubmission aid</td>
<td>27 Nov</td>
<td>20 Jan</td>
</tr>
<tr>
<td>Industry review internal processes</td>
<td>30 Jan</td>
<td>31 Jan</td>
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<tr>
<td>Develop reports and distribution process</td>
<td>30 Jan</td>
<td>31 Jan</td>
</tr>
<tr>
<td>Industry testing with sample reports</td>
<td>30 Jan</td>
<td>31 Jan</td>
</tr>
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Note: Dates are subject to change
Conclusions and Next Steps
Conclusions and next steps

Today we reviewed your feedback on the contingency rollback plan and provided further detail on the transaction reports and schedule.

Upcoming next steps include:

• Providing an update on the Transaction Report Specification, and any feedback received, during the September 6th TOEP session

• Arranging a separate session to address and describe any resulting changes if there is substantial feedback

• Updating the industry on readiness of the resubmission aid and example reports at the October TOEP

• Facilitating additional rollback working sessions at various checkpoints, e.g., availability of the rollback resubmission aid, example reports, etc.
Discussion
Thank you for your participation