LINK® System
Confirmation Enhancement
New Meter Bounce Transaction Types
New NAESB Transaction Types

NAESB has added two nomination Transaction Types that allow shippers to identify which meter on a nomination transaction a meter bounce is occurring. Therefore, the shipper can communicate whether gas will be transferred to an interconnecting entity.

The LINK® system presently uses NAESB Transaction Type (TT 31) for Meter Bounces, which is still a valid Transaction Type. However, TT 31 doesn’t reference the receipt or delivery meter and makes it difficult to determine how to confirm at interconnects or head of lateral meters.

As such, we have configured Transaction Types TT 121 (Meter Bounce Delivery) and TT 122 (Meter Bounce Receipt) in the LINK® System. With new processing, users will be required to identify the receipt or delivery meter as the location of the bounce. This will be used to validate the correct volumes for Force Balance and EDI Confirmation processes.

The user will able filter Meter Bounce and Non Meter Bounce data in the Confirmation Response and Confirmation for Interconnects screens. We will also allow the processing of reductions with the filter in place for the Confirmation Response/Request for Confirmation screen.
New Transaction Types

New Transaction Types 121 for Meter Bounce Delivery and 122 for Meter Bounce Receipt will be available in the lookups. The user can double click in the Transaction Type field or choose from List on the LINK® Customer Activities menu.

<table>
<thead>
<tr>
<th>TT</th>
<th>TT Desc</th>
<th>TT Prop</th>
<th>TT Prop Desc</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>CURRENT BUSINESS</td>
<td>NORMAL NOMINATION</td>
<td></td>
</tr>
<tr>
<td>02</td>
<td>AUTHORIZED CONTRACT OVERRUN</td>
<td>INTERRUPTIBLE OVERRUN</td>
<td></td>
</tr>
<tr>
<td>03</td>
<td>IMBALANCE PAYBACK FROM TRANSPORTATION SERVICE PROVIDER</td>
<td>DUE SHIPPER</td>
<td></td>
</tr>
<tr>
<td>04</td>
<td>IMBALANCE PAYBACK TO TRANSPORTATION SERVICE PROVIDER</td>
<td>DUE PIPELINE</td>
<td></td>
</tr>
<tr>
<td>05</td>
<td>PLANT THERMAL REDUCTION</td>
<td>NORMAL NOMINATION</td>
<td></td>
</tr>
<tr>
<td>06</td>
<td>STORAGE INJECTION</td>
<td>NORMAL NOMINATION</td>
<td></td>
</tr>
<tr>
<td>07</td>
<td>STORAGE WITHDRAWAL</td>
<td>NORMAL NOMINATION</td>
<td></td>
</tr>
<tr>
<td>08</td>
<td>POOLING</td>
<td>NORMAL NOMINATION</td>
<td></td>
</tr>
<tr>
<td>117</td>
<td>OFF-SYSTEM MARKET</td>
<td>NORMAL NOMINATION</td>
<td></td>
</tr>
<tr>
<td>118</td>
<td>OFF-SYSTEM SUPPLY</td>
<td>NORMAL NOMINATION</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>AUTHORIZED INJECTION OVERRUN</td>
<td>AUTHORIZED INJECTION OVERRUN</td>
<td></td>
</tr>
<tr>
<td>121</td>
<td>METER BOUNCE DELIVERY</td>
<td>METER BOUNCE DELIVERY</td>
<td></td>
</tr>
<tr>
<td>122</td>
<td>METER BOUNCE RECEIPT</td>
<td>METER BOUNCE RECEIPT</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>AUTHORIZED WITHDRAWAL OVERRUN</td>
<td>AUTHORIZED WITHDRAWAL OVERRUN</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>NO-NOTICE BALANCING</td>
<td>NO NOTICE BALANCING (CURRENT MONTH PAYBACK OF NO NO)</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>NO-NOTICE PRE-INJECTION</td>
<td>PRE-INJECTION</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>SUSPENSE GAS CLAIM</td>
<td>SUSPENSE GAS CLAIM</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>DELIVERY OF CLAIMED SUSPENSE GAS</td>
<td>DELIVERY OF CLAIMED SUSPENSE GAS</td>
<td></td>
</tr>
</tbody>
</table>
Confirmations for Head of Laterals and Interconnects

Confirmations at Head of Lateral points and pipeline Interconnects will use the new transaction types to determine if the nomination is a meter bounce at the location that is being confirmed. Presently, the code identifies Transaction Type 31 and then attempts to match the nomination on the mainline or lateral using the Service Requester, Up/Dn Name and Up/Dn K. Explanations and Illustrations of the process using the new transaction types are shown in the following slides.

- Transaction Type (TT)121 Meter Bounce Delivery
- Transaction Type (TT)122 Meter Bounce Receipt
- Transaction Type (TT) 31 Meter Bounce Both Receipt and Delivery meters
Mainline Meter where bounce is a reverse flow

Legend

R – Receipt Meter
D – Delivery Meter
HLM – Head of Lateral ML
HLL – Head of Lateral Lateral
TT 121 – Meter Bounce Delivery
TT 122 – Meter Bounce Receipt
TT 31 – Meter Bounce Both R&D
Mainline Meter where bounce continues Forward Flow

Legend

R – Receipt Meter
D – Delivery Meter
HLM – Head of Lateral ML
HLL – Head of Lateral Lateral
TT 121 – Meter Bounce Delivery
TT 122 – Meter Bounce Receipt
TT 31 – Meter Bounce Both R&D
Lateral Meter bounce at Lateral Delivery

Legend

R – Receipt Meter
D – Delivery Meter
HLM – Head of Lateral ML
HLL – Head of Lateral Lateral
TT 121 – Meter Bounce Delivery
TT 122 – Meter Bounce Receipt
TT 31 – Meter Bounce Both R&D
New Meter Bounce Transaction Types – Illustration 4

Mainline Meter where bounce on both meters to a Forward flow Nomination

Legend

R – Receipt Meter
D – Delivery Meter
HLM – Head of Lateral ML
HLL – Head of Lateral Lateral
TT 121 – Meter Bounce Delivery
TT 122 – Meter Bounce Receipt
TT 31 – Meter Bounce Both R&D
Force Balance at Head of Lateral points

Force Balance Head of Lateral – Where the Force Balance process is used to confirm Head of Lateral points, LINK® will match nominations based on the transaction type (TT) as it relates to the meter being confirmed. The user must enter the correct TT 121, 122 or 31 Meter Bounce in order to match a nomination with corresponding meter bounce volumes at the location. The corresponding nominations must also have the correct meter bounce TT of 121, 122 or 31, Up/Dn Name and Up/Dn K references. The force balance logic will run at timely and hold late nominations for four hours for matching volumes before processing as it does currently.

Note: The current Transaction Type 31 for meter bounces will now be utilized for shippers that are attempting to bounce at the both the receipt and delivery meters of the nomination.
Confirmation Response Screen – Meter Bounce Filter

**TT Group Filter** - The “TT Group” filter will allow the user to view Meter Bounce and Non Meter Bounce data separately. The user can select from the dropdown All, Meter Bounce or Non Meter Bounce. Screen will use the Transaction Types from nominations of 31,121 and 122 to determine if the data is a Meter Bounce. As in the previous screen, the filter will default to “All” where the screen will display both Meter Bounce and Non Meter Bounce data. If the User selects “Meter Bounce”, only nominations with meter bounce transaction types (31, 121 and 122) will appear in the screen. If “Non Meter Bounce” is selected only nominations that don’t have a meter bounce transaction type will appear in the screen. The filter is available in all of the Confirmation Types such as Confirmation Response, Entity, Package ID and Service Requester levels.
New Meter Bounce Transaction Types

Confirmation Response Screen – Filtered Confirmation Reductions

**Confirmation Reductions Applied using TT Group Filter** - The screen will allow the user to make confirmation reductions when filtered data is displayed in the screen. The user will select the filter in the TT Group dropdown and click on the retrieve button, LINK will display data as requested, Meter Bounce or Non Meter Bounce. The reduction can be applied in the same manner as today by entering the reduced volume in the quantity column, choosing reduction reason, then selecting the line item and clicking on the Confirm button. When the reduction is processed, it will only reduce volumes of nominations based on the filtered transaction type. The process can be applied in each of the Confirmation Types such as Confirmation Response, Entity, Package ID and Service Requester levels. See following screen illustration.

Once a reduction has been applied with data filtered, any further reductions must be made utilizing the filters until a nomination batch job runs. Example: The user applies a reduction with the TT Group filter at Meter Bounce, they need to reduce a volume that is being exchanged at the meter, the reduction must be entered with TT Group filter at Non Meter Bounce. After the batch job runs, the user can make a reduction at the meter with TT Group filter as All.
New Meter Bounce Transaction Types

Confirmation Response Screen – Filtered Confirmation Reductions

Confirmation Reductions Applied using TT Group Filter – The example below shows an Entity level confirmation where the user has applied a reduction with the data filtered.
New Meter Bounce Transaction Types

Interconnect Reconciliation Screen

Interconnect Confirmation Process - When the user enters a TT121, 122 or 31 indicating that the nomination is a Meter Bounce, the Interconnect Reconciliation screen will match that volume with the corresponding quantity referencing the same Service Requester and Up/Dn Name and Up/Dn K. The matching nominations must have the correct meter bounce TT of 121, 122 or 31, Service Requester, Up/Dn Name and Up/Dn K references. Meters confirmed at the Entity level don’t require a Contract reference.

Filter - A new filter “TT Group” is provided in the screen which will allow the user to filter data based on All, Meter Bounce and Non Meter Bounce. The filter will default to “All”, where the screen will display both Meter Bounce and Non Meter Bounce data. If the User selects “Meter Bounce”, only nominations with meter bounce transaction types will appear in the screen. If “Non Meter Bounce” is selected only nominations that don’t have a meter bounce transaction type will appear in the screen. This will allow the user to view discrepancies and make adjustments accordingly.
## New Meter Bounce Transaction Types

### Interconnect Reconciliation Screen – All

![Interconnect Reconciliation Screen](image)

**Note:** Meter Bounces will display on two lines and appear out of balance. Contact your Capacity Services Account Manager to verify if balanced.

<table>
<thead>
<tr>
<th>Date</th>
<th>Serv Req Name</th>
<th>Up Name/On Name</th>
<th>Del Loc</th>
<th>Del Qty (Scheduled)</th>
<th>Interconnect Rec Loc</th>
<th>Interconnect Rec Qty (Schedule)</th>
<th>Net Fwd Qty (Schedule)</th>
<th>Rec Qty</th>
<th>Rec Loc</th>
<th>Interconnect Del Loc</th>
<th>Interconnect Del Qty (Schedule)</th>
<th>Net Bck Qty (Schedule)</th>
<th>Net Qty (Schedule)</th>
</tr>
</thead>
<tbody>
<tr>
<td>06/01/16</td>
<td>NAT CO</td>
<td>NATCO</td>
<td>TE</td>
<td>4,231</td>
<td>AGT</td>
<td>14,798</td>
<td>10,567</td>
<td>TE</td>
<td>0</td>
<td>AGT</td>
<td>0</td>
<td>0</td>
<td>10,567</td>
</tr>
<tr>
<td>06/01/16</td>
<td>ENERGY CO</td>
<td>ENERGY CO</td>
<td>TE</td>
<td>11,000</td>
<td>AGT</td>
<td>0</td>
<td>-11,000</td>
<td>TE</td>
<td>0</td>
<td>AGT</td>
<td>0</td>
<td>0</td>
<td>-11,000</td>
</tr>
</tbody>
</table>
New Meter Bounce Transaction Types

Interconnect Reconciliation Screen – Meter Bounce
Interconnect Reconciliation Screen – Non Meter Bounce

Note: Meter Bounces will display on two lines and appear out of balance. Contact your Capacity Services Account Manager to verify if balanced.