DART Integration – Nominations

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WEBEX

Welcome

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Good Afternoon, this is Sherri Glazebrook, Director of Transportation Services for the Eastern Pipes.

thank you for joining us today for another WEBEX in our series for DART Integration. Today we will be focusing on Nominations in DART

We hope everyone has been able to tune in to some of our previous WEBEXs including the Contracts presentation last week. If you were not able to attend, we have posted all of our presentations on our homepage under other information.

So now I will turn it over to Erin Mortimer who will take us through nominations in DART ….

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Opening Remarks

Erin Mortimer
Transportation/Storage Services
Tennessee Gas Pipeline

Good afternoon! This is Erin Mortimer your friendly neighborhood TGP scheduler….As Sherri has mentioned we have a lot of training resources available online and we will be covering what's available online and how to get there at the end of the presentation. …

so lets get started,…Today's WEBEX will be focusing on Nominations in DART.

Agenda

- New Concepts Review
- Create a Nomination
  - Batch Concept
  - Nomination Matrix
  - Batch Detail Screen
  - Nomination Upload
- Inquiry Screens
  - Buy/Sell Mismatches
  - Scheduled Volumes
  - Capacity Split
  - Scheduled Cut Queue
- Important Notes
  - Timeline, Conversion Data, Sandbox, Reminders, links, etc
- Questions and Comments

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we will start with a quick review over new terms and concepts that are essential for noms in DART…

Then we will discuss how to build a nom and the different options to nominate……

Next we will go over some key screens and tools that will help you track and analyze your scheduled volumes….

Finally we will go over important notes which will include timelines, what to expect in SANDBOX, live DART,.. and where to find other training resources.

New Terms and Concepts

- **PIN** –(Point Identification Number) i.e. meter, location or point
- **GID** – (Global Identification) i.e. company identifier
- **CDP** – Central Delivery Points
- New contract format – ex: 11234-FTATGP
- Pipeline Segments
- Nomination Transaction Types
- Status
- Nomination Batch
- Pathed Non-threaded model
- Additional ranking capabilities – point and path level
- Options to input nominations in DART

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Some new acronyms we will be using are PINS, GIDs and CDPs.

PIN stands for 'point identification number' which is another name for meter or locations

In most cases, the last 5 digits of existing TGP meter number is retained, preceded with a 4 to be the new PIN in DART. For instance, Mendon, tgp meter #020285 will be PIN 420285.

There is a cross reference available on our homepage as well as look ups available in the screens.

GID or global identification number is a company identifier or business entity, which is used in DART for all KM pipes. For TGP customers who are used to DUNS numbers, there are DUNS cross reference look ups in the DART screens

CDP or central delivery points will be available for use in DART upon operator request. These are logical points that will represent a group of physical meters belonging to a single operator for a particular area. CDP's would be used for Nominations, confirmations, and scheduling. The guidelines for setting one up would generally be the same as balancing agreements ….(can't cross legs, zones, etc.) and any other operational considerations as determined by TGP. We currently do not have any set up yet, but are prepared to take requests from operators.

New contract number format ….– There will be a new format for contract numbers displayed in DART. Contract numbers are not changing, they will just display with an additional identifier. After the contract number, there will be a hyphen and alpha code with TOS then TSP.

an FT contract 11234 on tennessee will be displayed as 11234-FTATGP

**Pipeline segments, Transaction Types, and Nomination status** will be covered in the next few slides…..

'Nomination batch' Nomination submissions will no longer be limited to one contract at a time like in PASSKEY, but will be submitted as a 'nomination batch' or a package of nomination transactions.

Pathed Non-threaded Model – This is the biggest conceptual change from PASSKEY,……we will review this concept before we get started with our Nomination discussion……

Additional Ranking ….–The unthreaded nom model allows for more ranking by customers in their transactions …point and path level rankings are now possible…….we will cover this topic with a nom example

And finally there will be multiple ways to **input nominations in DART**– We have prepared some simple examples to demonstrate the different nom methods in DART…….

Pipeline Segments – New TGP Map
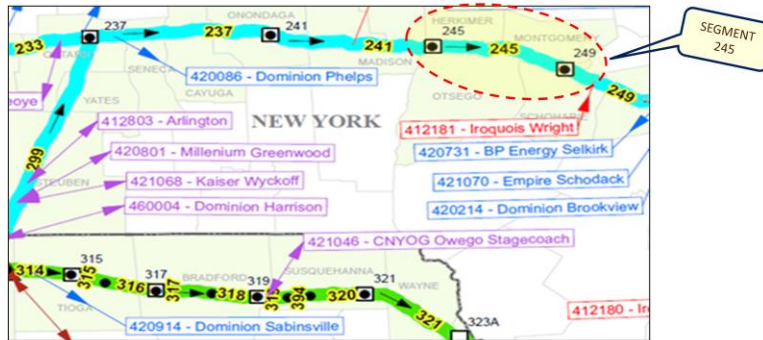
Electronic access available via the TGP Portal Homepage

TennesseeAdvantage.com/Other Postings/Other Information/ Conversion to DART

TGP will now have pipeline segments.

Here is a close up view of the new map which you can find on our homepage

The purpose of the new pipeline segments is for reference only. We will be referencing them in our 'operationally available' postings and for scheduling constraint locations.

Segments are generally named with the number of the MLV or station number where the segment starts and are colored by zone.

For example, Segment 245 denotes pipe location starting at MLV245 to MLV 249 and is colored aqua blue for zone 5.

The new segment map will also include significant PINS such as interconnects and storage, similar to our current interconnect map

Its Important to note that the new segments have no effect on contractual entitlements or zone based rates and are not related in any way to our former NET segments…….

Nomination Transaction Types

PASSKEY

TT - Transaction Type

Code	Description
01	Current Business
02	Authorized Contract Overrun
03	Imbalance Payback from TSP
04	Imbalance Payback to TSP
08	POOLING SERVICES
14	Extended Receipt/Delivery Service
26	Park Service
27	Park Withdrawal
28	Loan Service
29	Loan Payback

"no longer needed"

DART

"New"

TT Descriptions	TT
Buy (Current Business)	01
Sell (Current Business)	01
Off-system Market	117
Off-system Supply	118
Pooling	08
Transport (Current Business)	01
AO Transport (Authorized Contract Overrun)	02
Payback (Imbalance Payback From TSP)	03
Payback (Imbalance Payback To TSP)	04
Injection (Storage Injection)	06
Withdrawal (Storage Withdrawal)	07
AO Injection (Authorized Injection Overrun)	06
AO Withdrawal (Authorized Withdrawal Overrun)	13
Park	26
Park Withdrawal	27
Loan	28
Loan Payback	29

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Another significant change for DART is nomination transaction types and how you use them

Here is a side by side look at transaction types in PASSKEY compared to DART.

As you can see, there are some Transaction types new to Tennessee,….some that are used differently, and some we will no longer need.

For example, we will not need a ERS/EDS Tran type in DART when nominating extended services.

Receipt or Delivery Extended Service nominations will be nominated as a normal single path in DART. If you choose to use this service, and nominate your path outside your primary receipt or deliveries, a message box will be prompted letting you know it will be considered ERS or EDS, whichever is applicable, before you proceed with the rest of your nomination…..a step saved in DART.

Some new transaction types we will be using are off-system supply or market and buy/sell transaction types……

Transaction Types for Supply/Market

- General Rules for nominations at the PIN level

  – Gas coming on or off our system directly will have off system supply or market transaction type (117/118)

  – Purchases or sales on the system will have a Buy or Sell transaction type 01

TT Descriptions	TT
Buy (Current Business)	01
Sell (Current Business)	01
Off-system Market	117
Off-system Supply	118

Supply/Market TT Guidelines:

Single Confirming Party (OPR only)	Offsystem	
	Buy/Sell	Supply/Market
Delivery Meter	NO	Yes
Receipt / Bi-directional Meter	Yes	Yes

Multiple Confirming Parties (UDP level confirmations)	Offsystem	
	Buy/Sell	Supply/Market
Shipper is NOT the Same Party as the Up/down party in the transaction	Yes	No
Shipper IS the Same Party as the Up/down party in the transaction	No	Yes

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For nominations with off-system supply/market and buy/sell, Ive put together a few guidelines for which transaction type is valid using different nom scenarios.

As a general rule, gas coming directly on or off our system will have a transaction type of off-system. Off-system supply for receipt side and off-system market for delivery side.

If gas is being purchased or sold from another party at the receipt or delivery PIN then the transaction type will be a buy or sell.

The second thing to consider is if the meter you are nominating has multiple confirming parties, i.e. producers or UDPS. As today if you are receiving gas at one of these meters the upstream party must be a valid party or UDP at the meter.

So WHEN you are nominating gas from one of these types of meters, and you are NOT the Up/down party on the transaction,.. then you would use a "buy" or 'sell' transaction type, i.e. buying from the party AT the meter

If you ARE the UDP or confirming party on the transaction then you would use an off-system transaction type. I use the distinction of 'confirming party on THAT transaction' because it is possible that some producers would nominate to receive gas at a meter with their own production, i.e. off-system supply,… AND receive gas from another producer at the meter which would be a 'buy' transaction type.

As a side note, the screen validations will follow these guidelines and let you know if you put in a transaction type that is not valid, but in case you are using the upload template I thought this guide would be handy. Do not feel the need to memorize this just yet, it will make more since when we build a nom.

Nomination Status

PASSKEY	DART
Transmitted	Submitted / Nominated
Waiting For Transfer	Not Submitted/Holding
Work In Progress	Not Submitted/Draft
Pending (with errors)	Not Submitted/Error
Waiting for Approval	Not Submitted/Waiting for Approval
	Not Submitted/Validating

Nomination statuses will be different. Heres a status list of PASSKEY compared to DART. DART statuses are similar but basically two tiered.

Nomination batches are first considered submitted or not submitted.

'Submitted' represents nomination batches that have been 'submitted' or 'transmitted' to pipeline and will display with a description as 'submitted' or 'nominated' . They are non-editable transactions that have submitted by customer and have passed through the nomination validations. Submitted status automatically turns into 'nominated' once it is completely received into the DART system.

The Not submitted category is transactions that have been saved in DART, (similar to our work in progress) that are editable but have not been submitted into DART yet. Status descriptions of not submitted may include (draft, error, waiting for approval, etc.)
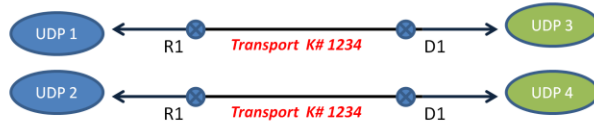
The biggest change going to DART will be using the pathed non-threaded model in nominations. Currently in PASSKEY, we use a pathed '**threaded**' model.

Lets do a quick review the old nom model verses the new.

Today we use a pathed 'threaded' model that requires linking specific supplies and markets to receipt and delivery locations on a single transport path as it is shown in this example.

In other words, a transport path is nominated with a specific upstream party tied to the receipt side and a specific downstream party linked to the delivery side, i.e. 'threaded'.

In a pathed **'non-threaded'** transaction ,which we will be using in DART, there are still transportation paths, however shippers can aggregate counterparties at a location and unthread specific parties from individual paths between locations. In other words a downstream market cut would not cut a specific supplier on the receipt end of a transport path. In a **non-threaded** path, a delivery side cut would cut the receipt meter of the path, but use customer ranks to determine which supplier will be cut. That is also true going the other way with a receipt meter cut.

The advantage to this model, is it gives more control to shippers concerning reductions using ranks. We will demonstrate this in a nomination example using the new available ranks.

Nominations in DART
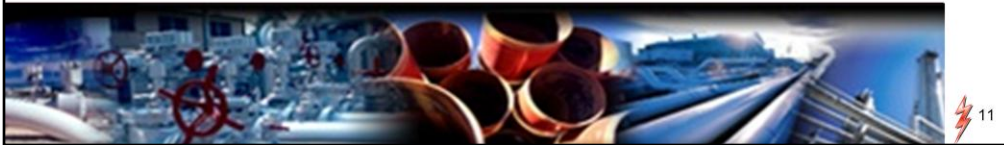
Now we will go over some simple examples using different methods to nominate in DART.

Due to limited time we will not be able to demonstrate every nom scenario so we will be adding an appendix of Nom examples on our homepage for your review later.

Again we will be using some very basic examples.

Nomination Example 1

One day gas flow effective 3/1/2014 TC

- **Shipper:** Cherry Pipeline (GID: 61000)
- **Receiving** off-system gas at Transco Wharton (411929) 600 Dth
- **Transporting** on IT contract 300119 (300119-ITTGP)
- **Delivering** off-system gas to Mendon (420285) 573 Dth
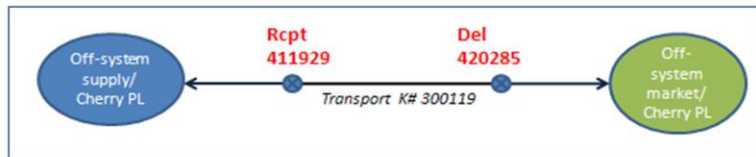
For the first example, a shipper, (Cherry Pipeline) will be getting off-system supply at Wharton and transport it on an IT contract to Mendon.

The complete balanced transaction would look like this.

Nomination
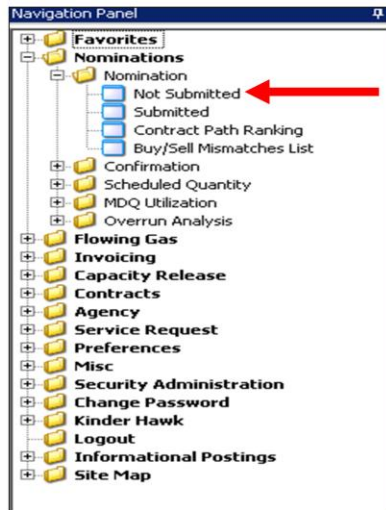
To start any transaction, you log in with your new DART access ID and get to the main menu called "Navigational Panel"

Regardless of which method of nomination you ultimately use, you will always start first by adding a nomination batch. So the first steps of any nom method will be the same.

We will call this 'adding a batch'

Select 'Not Submitted' option in the nomination folder. This will open a screen named "Batch list"

Notice there are radio buttons that allow you to change your view to "submitted" or "all" Nom batches. If your purpose is to create a nom however the screen must be in 'Not submitted' mode to select the "add batch" button

Enter Criteria for Batch

- Enter 'Beg Date', 'End Date' and 'Cycle'
- Optional: Enter text description of nomination batch

A pop up screen will then appear allowing the nom batch information to be entered

You will put in date/cycle and a text description if you prefer, then save

Notice the shipper role is the default and is valid in most cases

'operator role' would be used for specific types of nominations such as payback at a meter by an operator

Options for new Batch

At this point you have added a batch and you have choices of how to proceed with your nom. After saving your batch record with date/time, a box will be prompted. You can copy an old nomination to start your new nom,…you can select 'enter new nominations', or you can pick the 'Upload Nominations' button to upload nom data from the upload template. We will talk more about the nom upload option further in the presentation

In our first example we will be using the "Enter New Nominations" and the current DART NAESB Nomination Screen. Before we get into more screens, lets talk about the different methods……

Optional Nom Methods

1. **NAESB Nomination Matrix Screen** (Existing DART Nomination Screen)

   Nomination starts at PIN level

2. **Batch Detail Screen** (Enhanced DART screen)

   Nomination starts at contract path OR PIN level

3. **Nomination Upload** (New upload feature)

   Input nomination data into Excel template, then upload into Batch Detail Screen

4. **EDI** (Electronic Data Interchange) – existing service

After you have completed the steps to adding a nomination batch, you can decide the best way to input the nom data, based on your business.

The first method is the NAESB Nom Matrix Screen which is the existing nomination screen in DART. Nominations are entered at the PIN level.

The Second option would be the new Batch Detail Screen. It gives the user the option of building a nomination at a PATH level or the location level.

3rd option is the new Nomination Upload feature. The new upload feature will allow uploading at a complete batch level as oppose to one contract at a time as in the current PASSKEY version.

4th option is EDI

We will show a common nom scenario using the first 3 methods so you can see the difference. Each may be preferable depending on your business.

Note that no matter which method you use, the same data must be entered.

Lets start with our first nom example using the existing DART screen, the NAESB Nomination Matrix

After adding a nomination batch and selecting "new nominations" option, the NAESB Nomination Matrix screen will be prompted.

Nominations will be entered starting at the PIN level, either receipt or delivery side.

In this example we will start with the receipt side of the nom which is the Wharton PIN, 411929

After entering the PIN, the screen will display line items on two halves of the screen. The top half is for transactions on the upstream side of meter,

and bottom half is for transactions on the downstream side of the meter

The first data field to enter is the Vol type or transaction type which is highlighted in blue. A drop down list is available displaying the valid nomination transaction types for that PIN. The transaction type will dictate what other data elements will be required and will prompt them to be highlighted once you select and tab off the Vol type field.

The transaction type plays a bigger role in DART as it sets the stage for the rest of your nomination line item. In our example here we are receiving gas at an interconnect and bringing gas onto the system so we will use Off-system supply.

Next the shipper puts himself as upstream party, in the 'Up Id Prop' field, then gross volumes are entered on the receipt side.

Notice there is a dual purpose field. 'Rec Loc Prop' or 'Up ID Prop'. Depending on what transaction type you use, this will dictate whether a meter or party is needed,…

In this example, the upstream transaction at a receipt requires upstream party. You will see where the other case will apply further in this example.

Next we will enter the downstream transaction at the meter, i.e. where the gas is going to,.. on the bottom half of screen.

NAESB Matrix Screen

Nominations - Example 1
Eff. Date 3/1/2014 TC
Rpt PIN 411929   Del PIN 420285
Trans contract 300119-ITTGP

Select Vol Type - In this example we are transporting away from PIN

Start the line item as you did on the top half by entering the transaction type that is applicable. In this case we are transporting away from the meter and delivering to Mendon. So this line item will depict the path or transport to Mendon using the 'transport' transaction type.

The data fields needed for 'transport' will be highlighted in blue. Notice the required fields for 'transport' trans type are different. Contract no, delivery meter, and volumes are required. In THIS case the duel purpose field will need a PIN not a party.

If there were additional transports away from the receipt, then you would add lines with the 'new' button on the downstream nominations.

After entering the parameters needed for the transport line item, you can check your totals. Nominations at a PIN level must be balanced. There is a running total above the line items as volumes are entered on upstream and downstream side. In this example we are balanced.

Now that we have input the supply and path information, we just have to input the delivery market information to complete the nomination in this example.

Validate or save the information on the screen, then select the "go" button next to the del Loc Prop, which will re-populate the Nom Matrix screen with the delivery meter to add the markets

Here you will see your nom view from the delivery PIN perspective. This example is showing the transactions at Mendon

Notice the upstream transaction at the meter is populated with the transport information you have already entered on the receipt PIN view.

If we had started entering the transactions on this delivery PIN first, you could select the "go" button on the receipt PIN in the path, and it would have prompted you to the receipt PIN view and auto-populated the transport as well.

Now you see the transport on the upstream nominations (top half of screen) and you need to enter the markets that will be served at the delivery PIN.

In this example the transaction type on the downstream side will be off-system market with Cherry (the shipper) being the downstream ID receiving the gas.

NAESB Matrix Screen
Validation /Save

Nominations - Example 1

Eff. Date   3/1/2014 TC
Rpt PIN   411929   Del PIN   420285
Trans contract   300119-ITTGP

- Input highlighted required fields; Dn ID Prop, Rec Qty (gross) or Del Qty (Net)
- Click 'Validate' or 'Save'
- To submit , select Batch Location

Proceed to entering the downstream market info including downstream party, and volume. you will see the gross and net volumes displayed accounting for fuel.

Again, the up and down totals will show you if you are balanced.. Once you are finished inputting your markets, you can validate to check for errors. Validate will check for errors AND save so we highly recommend you just validate before leaving the screen.

Once you are ready to submit the nomination, select the Batch locations button to get back to batch level screen for submission
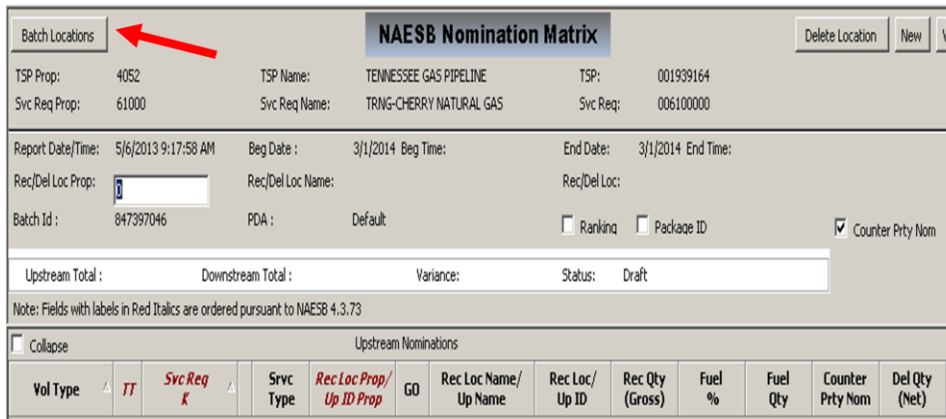
Click "Submit" for submitting batch nomination

The Batch Detail screen is prompted and "submit" button will be available. Nominations will be displayed in the new batch location detail format on this screen.

Those are the steps for using the Nomination Matrix screen for entering a nomination. Now we will walk through the same example using the Batch Detail Screen to input our nom at a path level first.

Nomination – Using Batch Detail Screen

Go to Batch Detail Screen by clicking 'BATCH LOCATIONS' button

To enter a nom using the batch detail screen you follow the steps of adding a batch.

After adding a batch as we did earlier, the Nomination Matrix screen is prompted . Instead of selecting a PIN or location in this screen , we will choose the 'batch locations' button to get to the Batch Detail screen.

Batch Detail Screen

The flow chart depicts the nom example showing we are nominating at a path level first and then entering the up and downstream information.

In this screen, there are tabs labeled contract paths, supply, and market. Nomination data can happen in any tab order

We will enter our nom example starting with the contract path so select the contract path tab then select "new contract" to create a new line item

Contract Look up box

Manually enter the contract no. OR…

Double click for "contract lookup"

		Contract Path	Supply	Market			

Batch Locations	**Contract Path**	Supply	Market			

Svc Req K ▽	Svc Type ▽	Change Ind (Y/N) ▽	MDQ ▽	Nominated ▽	Overrun ▽

Contract Lookup _ □ ×

Starting Contract [   ]

Contract Lookup

Contract ID ▽	Service Type ▽	Beginning Date ▽	
310062-ITTGP	IT	02/01/2013	07/31/:
310070-FTATGP	FTA	02/01/2013	07/31/:
310724-FTATGP	FTA	03/01/2013	03/21/:
310725-FTATGP	FTA	02/01/2013	12/31/:
310726-FSMATGP	FSMA	03/01/2013	10/31/:
310727-SATGP	SA	02/01/2013	12/31/:
310752-MSTTGP	MST	03/01/2013	12/31/:
310753-ROLTTGP	ROLT	03/01/2013	05/31/:
310755-ROPTTGP	ROPT	03/01/2013	05/31/:

Total Rows   9   [OK]   [Cancel]

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A line item will be created and you can manually enter contract number or double click the "contract" field to prompt a look up box

There will be a pick list of valid contracts

After entering or selecting a contract, line items will appear to enter path information. Again we will start with the transaction type that determines what other nom data is required.

In our example we are putting in transport.

Batch Detail Screen –
Contract Path Tab

Nominations - Example 1B

Eff. Date   3/1/2014 TC
Rpt PIN   411929   Del PIN   420285
Trans contract   310062-ITTGP

Double Click the "Rec Loc Prop" to bring out the location lookup
    or you can enter the PIN manually

After entering 'transport' transaction type, the next data field to enter is Receipt PIN. You can manually enter or double click to retrieve a lookup box. This box is available in any screen that requires a PIN.

After PINS and Volumes are entered, fuel will be calculated as it is today

There are new ranks that are available in this line item that we will talk about in another example. Ranks will default to 500 and are optional fields as they are today.

Now that we have put in the path information we need to enter our supply and market information.

For this example we will go to the supply tab for the receipt side first and then market tab for the del side. Again you can enter this information in any tab order.

We will start with the receipt

Batch Detail Screen – Supply Tab

- Click the "TT Description" drop down box to select the transaction type

After selecting the 'supply' tab, the screen will auto populate with the PIN info as it was built in the path tab.

In our example, Wharton appears in the loc prop and loc name

Select the transaction type that describes the supply. In this example, it is off-system supply because we are bringing gas directly onto the system at an interconnect

Batch Detail Screen - Supply Tab

Nominations - Example 1B
Eff. Date   3/1/2014 TC
Rpt PIN   411929   Del PIN   420285
Trans contract   310062-ITTGP

- Enter upstream party GID in the "Up Id Prop" field
- Enter the volume in the "Rec Qty Gross" field
- Enter "Up Rank" or system will default to 500
- Click "Validate" or "Save" button
- Click Market Tab

Once required fields are entered, you can validate, then go to the market tab to complete the market side of the nomination.

Remember, the same data elements are needed for a complete balanced nom, there are just different ways to put it in

Now we will go to the Market tab

We will repeat the steps we did on the supply side, just looking at the nomination from the delivery side.

Transaction type needed on the market side will be off-system market, then downstream entity and volume can be entered

Batch Detail Screen – Market Tab

- Enter downstream party GID in the "Dn Id Prop " field
- Enter the volume in the "Rec Qty Gross" field
- Enter "Dn Rank" or system will default to 500
- Click "Validate" or "Save" button

After entering the market info, validate your nomination

Batch Detail Screen - Validation /Submit

Nominations - Example 1B
Eff. Date
Rpt PIN   411929   Del PIN   420285
Trans contract   310062-ITTGP

- Click "Validate" button (validate will also "save")
  (Make sure system return " Work In Progress Successfully Validated")
- Click "Submit" button

After validating, check the message box at bottom of screen. Error messages will always be displayed at bottom of screen

If everything is good with the nomination, you will also see a message box appear that reads "Work in Progress Successfully Validated"

Complete transaction by Submitting

Batch Detail Screen

Batch Detail

| Nom Matrix | Nom Batch Report | New Location | Batch List | Copy Noms | | | Upload | Validate | Submit | Save | SaveAs | Print |

TSP Prop: 4052   TSP Name: TENNESSEE GAS PIPELINE   TSP: 1939164

Svc Req Prop: 61000   Svc Req Name: TRI-BERRY NATURAL GAS   Svc Req: 6100000   Download

Report Date/Time: 4/17/2013 3:33:23 PM   Beg Date: 12/1/2013 9:00AM   End Date: 12/1/2013 9:00AM

Batch Id: 651883089   Cycle: TIMELY   Status: Draft   ☑ View Zone

Batch Locations | Contract Path | Supply | Market

Loc Prop ▽	Loc Name ▽	Loc ▽	Nominated Qty ▽	Loc Variance ▽	Change IND (Y/N) ▽	Status Qty/Pda/Rank ▽	PDA Ovrd? ▽
411929	TRNSCO/TGP WHARTON COUNTY TI	36819	600	0	y	//	
Rcpt Zone: 00	Dlvy Zone: 00						
420285	AGT/TGP MENDON MASS TIE OVER		573	0	Y	//	
Rcpt Zone: 06	Dlvy Zone: 06						

- Click "Batch List" to see all the nomination batches

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To view the status of your nomination, select "batch list" to take you back to the list of all batches

One thing I would like to mention,…regardless of which screen you input your nom data, the other screens will have the nom data as well as long as you have saved it in the original screen you put it in……

Batch List -
Viewing Nomination Batch

- Click the "Submitted" radio button
  - Check the status for the batch. "Nominated " status indicated the batch was submitted successfully

With the radio button "submitted" selected, your nomination should show up with "nominated" status.
If perhaps you did not validate before you submitted and did not verify there were no errors, select the radio button "not submitted" or "all" and see if your nomination shows up in the batch list with errors or other status

Now lets look at a few more examples using the batch detail screen

Nomination Example 2

Buy and Sell at the 500 Pool (PIN 420999)

- Buying 450 Dth from Hess

- Selling 250 Dth to Atmos and 200 Dth to EDF

NOTE: SA Contract not necessary if shipper is buying and selling and not aggregating gas from a physical point to a pool

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In this example we are buying and selling at the pool. We are buying from Hess, and selling to two parties, Atmos and EDF

Note that in DART, an SA is not needed for strictly buying and selling at the pool, SA's are only used when actually aggregating physical receipts into the pool. This is a step saved from the way you nom in PASSKEY today

We will show this nom example using the Batch Detail Screen

After adding a batch, we proceed to the batch detail screen as we did before

In the last example, we entered at a path level then did the up and down side. When you buy and sell at a pool, no path is needed. So we will start with the supply tab to put in the buy information.

First thing to enter is,….say it with me….transaction type……and this of course is a buy. Followed by the other required data including the up ID Prop, Hess.

Notice the radio button labeled 'counter prty nom'….. Select this option to show if the counter party, Hess, has nominated a sell to us yet.

In this case, they have not, column is blank. . Now we will proceed to the market tab.

we will repeat the steps we did on the supply side, but using "sell" transactions. In this example we need two line items; One for Atmos and one for EDF.

Add a second line item by selecting the "new" button

Once the two markets are entered, nomination is complete,…. no path was needed.

Validate and Submit

Nomination Example 3

Aggregating physical receipts and selling at pool

- Buying gas at 412778 (physical PIN) from UDP (Cabot)
- Pooling gas at 420891 (zn4 300 line)
- Selling gas at pool to TC Oil

- Using SA contract 310727-SATGP

> NOTE: When pooling (aggregating) gas from a physical point, SA Contract will be used

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In our next example   we will aggregate gas into a pool as well as sell gas at the pool.

We will buy gas from Cabot, who is a producer at a physical receipt meter, Teel Dehy (PIN 412778), then aggregate the gas into the zn4 300 line pool.

At the pool the gas will be sold to TC Oil

Note that an SA contract will be needed to effectuate the aggregation of gas into the pool and we will use Cherry as the shipper with SA contract 310727.

we will use the batch detail screen in this example but this time we will start at the PIN level

After adding a batch, we will go to batch detail screen and select supply tab.

We will start by entering the PIN nomination at the physical receipt meter 412778. Since we are receiving gas from a producer at the meter, we will use the trans type "buy". As with PASSKEY today, if there are producers or multiple confirming parties at a meter, shipper must select one of these parties as a valid upstream party.

To enter the GID for Up ID Prop, you can manually enter or double click in the field to display the valid up/down parties at the meter.

Note: If there is not a select list of valid parties at a meter because it does not have udp level confirming, ..then the lookup list will show all parties to select from, not a select list.

Last enter volumes and rank if you prefer. Now we will go to the Contract Path Tab

Aggregating into Pool - Contract Path

Nominations - Example 3 - Aggregating at pool
TT: 08 (pooling)
Receipt (from UDP): 412778   Pool PIN: 420891
Sell: TC Oil
SA contract: 310727-SATGP

— The TT Description for the Contract Tab is "Pooling"
— The delivery PIN is pool PIN associated with the physical receipt meter

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Once the supply at the physical receipt has been entered, then you will need to nominate the gas from the physical receipt into the pool.

In the batch detail screen, that would be in the path tab.

First you would build a line item by clicking "new contract" button. Then you would enter the SA contract and build the transaction. Here is where you would use the pooling transaction type "08",…when you are aggregating gas.

The pooling tt (08) will prompt the user to put in receipt PIN and volume which is the physical meter 412778 and the delivery PIN is the zn 4 300 pool meter 420891.

Today the 08 pooling trans type is used in a different way. The 08 in PK is for nominating alternate pooling on a transportation contract . Transportation contracts will not be necessary for alternate pools in DART,… SA contracts can be used to aggregate all pooling scenarios

Last piece of nom data needed is the sell transaction at the pool. This is entered into the market tab

The sell to TC Oil will be entered as a "sell" transaction type. Don't forget to check 'counter party noms' check box to see if TC Oil has entered the buy transaction yet. In this example, they have not.

Enter other required fields and optional ones like rank, then validate. Click the Batch Locations tab to enable the "Submit" button and your done.

Now lets talk about ranking and the new ranking options

Path Ranking Example

Ranking multiple paths on a Transport

- Receiving gas at Wharton (411929) and King Ranch (412400)
- Transporting to Mendon 420285 on 300119-ITTGP
- Rank the paths and points associated with path

Rcpt 411929
Del 420285
IT K# 300119
Path 1 rank (1)
Rcpt 412400
Path 2 rank (2)
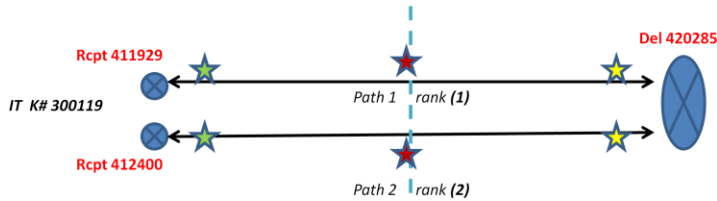
NOTE: Ranks depicted in diagram are in addition to up/down party ranks

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we will show a nom example to demonstrate the new rankings. TGP customers have up/down ranking capabilities today. In DART there will be several more ranking options available. We will focus on the "new to Tennessee" ranking options in DART which include path and point level ranks

To demonstrate the new ranking options and their functionality, we will show an example of receiving gas at two different receipts, Wharton and King Ranch, then transporting to a single delivery, Mendon

The diagram is the paths described and the stars are new places in the transaction you can rank

> green stars – represent r**eceipt** PIN level rank
> red stars – represent path rank
> yellow stars – represent d**elivery** PIN level rank

Here's what they look like in the batch detail screen

Path Ranking
- Contract Tab

Assuming we have already built the nomination, This is the contract path tab view.

I included the diagram of transaction so you can have a visual of where the ranks are in the transaction.

First lets look at the red color coded ranking which is the "path" ranks

the path level rank denotes ranking among paths WITHIN a contract

If a restriction hit both the paths in this example, path 2 would get cut first.

The green and yellow denote meter level ranks, ….not to be confused with up/down party ranks that exist as well. (We will see those ranks in a minute)

So meter or point level ranks, would come into play if there was a meter reduction. the point rank entered here would direct cuts to the appropriate path

In this example we have the transport from Wharton ranked higher than the transport from king ranch, if Mendon was cut, then king ranch (PIN 412400) would be cut first

As today in PK, the rank will default to "500" and not necessary to change in a nomination if you don't want to use them

lets take a look at the supply side of this transaction.

In the supply tab you will notice a rank called "UP RANK". As you can see the ranks displayed are different than the point level ranks in the last screen. That is because the UP rank is the upstream party ranks, not the point level ranks. These are the ranks for the specific upstream parties similar to what we have in PASSKEY today.

These ranks would come into play if there was a cut downstream of this receipt. this ranking of suppliers within that point dictate the allocation of gas. The same is true regarding ranking of markets.

To cover all bases we will look on the market side of our transaction.

In this example there is just one downstream market for simplicity's sake. The Dn rank of 62 is the rank of the one downstream party, and if there were other markets at this meter, this rank would be considered if mendon had a meter level reduction.

So bottom line, additional ranking in this non-threaded model will give you more flexibility to direct cuts if you choose to use them..

That's it for ranking,…

Now I want to show you a THIRD method of inputting a nom,… the 'Nomination Upload'

Nomination - Upload

Nominations - Example 1

Eff. Date   3/1/2014 TC
Rpt PIN   411929   Del PIN 420285
Trans contract   300119-ITTGP

	A	B	C	D	E	F	G	H	I	J
1	Svc Req K	TT	Rec Loc Prop	Dn Rank/Rec Rank	Rec Qty (Gross)	Del Loc Prop	Up Rank/Del Rank	Del Qty (Net)	Path Rank	Pkg ID
2	300119-TGP	01	411929	5	300	420285	40	287	1	
3	300119-TGP	01	412400	6	200	420285	70	191	2	
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28										

Contract Paths / Supply / Market

- Upload the Nominations in Excel worksheet format, available in TGP home page

OTHER INFORMATION/CONVERSION TO DART/NOMINATION UPLOAD TEMPLATE.XLSX

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This is what the upload template looks like. Basically an excel spreadsheet with the data elements needed to nominate in DART. Its available on our homepage with our other training resources.

Like the upload feature today, it is excel format but not limited to one contract at a time. It has 3 tabs; contract paths, supply, and market, and mimics the batch detail screen

This slide is showing the contract path tab of template populated with our nom example 1.

The advantage of using the upload is the ability to nominate all your transactions in one submission, and having your nom in a format with all the required data elements.

When user is ready to upload nomination data, they would log in to DART and start with the 'add a batch' process

Nomination Upload - Submit

Save Upload Template in accessible file then 'Add Batch'
- Select "Upload Nominations" Button

After following the steps of adding a batch record, select the option of Upload nominations

Nomination - Upload
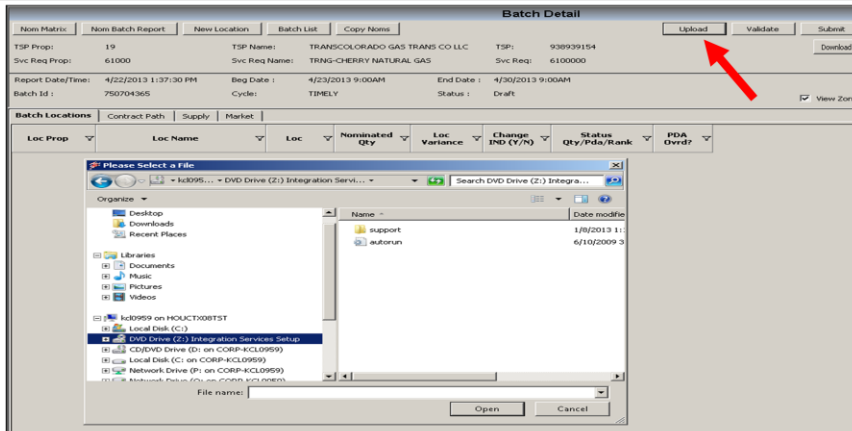
A selection box will open

- Select the saved Nomination Upload Template

A selection box will open to choose your file,… then select 'upload'

Nomination - Upload

- Message will appear "system has finished uploading..."
  - Validate and check for errors
  - Edit if needed, then submit
- There is also a download feature to download batch

Validation will happen upon submission in the same manner as if the nomination had been manually entered into DART

Look for the message "system has finished uploading the selected file"

Keep in mind the spreadsheet will not have real time validations as they exist in the nomination screens as if you were entering them directly into DART,….. so first attempt at uploading a big batch will have validations for everything at once..

Key Inquiry Screens

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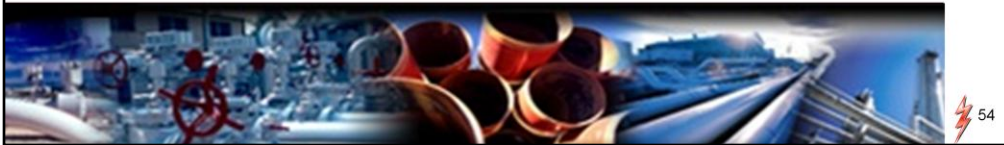
Before we get to the Inquiry screens I wanted to make a few disclaimers regarding the different Nom methods….In this presentation we have chosen to highlight the batch detail screen for inputting noms….we did this for a few reasons.

First, …it's a new screen and most of the existing training resources are geared toward the existing Matrix screen.
Second,….it gives customers the ability to start building your nom at a contract or path level which is what TGP customers are currently used to. It really will depend on your business which way works best for you.

If you work with multiple contracts and employ all the ranking options, the batch detail screen is a way to see all your paths at one time

If you are an LDC and nominate from the delivery side mostly, the Matrix screen may be the way to go.
 We encourage you to try out different screens and you may decide that using a combination of methods works best for you. For example you could nominate on the matrix screen all your buy/sells at a pool then switch to the batch detail screen to build the transport. Its up to you. Getting in the Sandbox before we go to production will be a great place to take them for a test drive.

Now lets look at some key screens and tools to process your nominations…. The first screen we will look at is the Buy/Sell Mismatches List Screen

View Buy/Sell Mismatch Activity
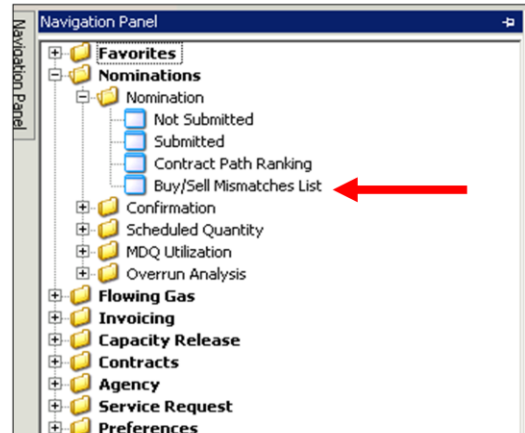
At the main menu, i.e. Navigational Panel,

Select Buy/Sell Mismatches List under Nominations/Nomination

Buy/Sell Mismatches List

- The "Flow Date" and "Cycle" will default to the current date timely Cycle
- The Form also defaults to checking the "Mismatches Only" box
- Click "Retrieve"

This handy tool is similar to the current "connecting entities" in PASSKEY

However, this screen has additional functionality.

View connecting entities in PASSKEY, only shows counter party noms at logical meters such as pools and storage Now that we will have buy/sell transactions in the nominations, this screen will show counter party nominations at any point where there is buy/sell transactions. This includes physical receipts for example.
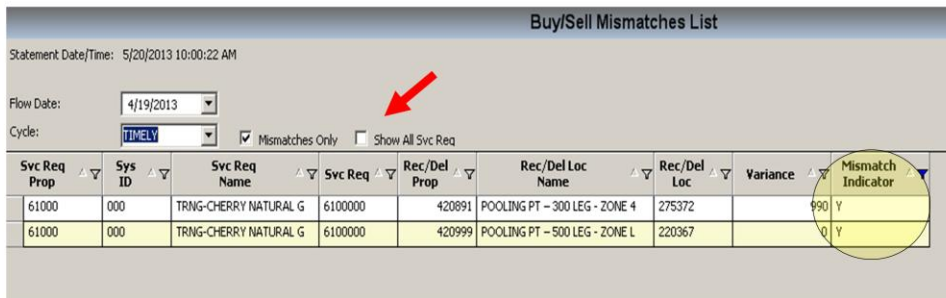
After entering date/time you would like to view, click retrieve

Buy/Sell Mismatches List – Mismatches Only

Buy/Sell Mismatches List

Statement Date/Time: 5/20/2013 10:00:22 AM

Flow Date: 4/19/2013
Cycle: TIMELY   ☑ Mismatches Only   ☐ Show All Svc Req

Svc Req Prop	Sys ID	Svc Req Name	Svc Req	Rec/Del Prop	Rec/Del Loc Name	Rec/Del Loc	Variance	Mismatch Indicator
61000	000	TRNG-CHERRY NATURAL G	6100000	420891	POOLING PT – 300 LEG - ZONE 4	275372	990	Y
61000	000	TRNG-CHERRY NATURAL G	6100000	420999	POOLING PT – 500 LEG - ZONE L	220367	0	Y

- Buy/Sell transactions with counter party mismatches will appear
- To view **all** the Buy/Sell transactions, select "Show All Svc Req" button then "Retrieve"

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The screen will populate your counter party nom mismatches. Notice the mismatch indicator in the last column. With the default setting of 'mismatches only' there will be all "Y's indicating Yes, there is a mismatch. However, if you want to see 'all' buy/sell transactions, select "show all svc req", then retrieve….

Buy/Sell Mismatches List

Now the screen populates all buy/sell transactions with mismatch indicator of yes OR no. Notice the Point Nom Variance column….. this is extra information to help you determine the nature of the mismatch at the point.

If there is a number in the Variance column, with a mismatch, then one of your counterparties has a mismatch with a nom that is lower than your nom. Unless this is fixed the lesser of rule will cause a balancing cut to your transactions and this should be addressed.

If the variance is zero, and a mismatch exists, then one of your counterparties has a mismatch with a nom that is higher than your nom. Should not be an issue for you since your nom is lower and no cut will come your way. However there is a counter party that would be affected with a mismatch.

The lines where there is no mismatch then that is verification that the noms with the counterparties are good.

To get the detail of a line item, double click on the line and a detail screen will be prompted

Buy/Sell Mismatches Detail

Detail Screen displays the "Counter Prty Nom" associated with transaction
- In this example there is a buy and two sell transactions that do not match

Clicking the "Location" button will bring you back to the "Buy/Sell Mismatch list" (summary page)

The detail screen will show the nom detail of the selected transaction. In this example we have mismatches on a buy and two different sells.

To get back to the summary page or "list", Click location button in upper left corner

View Scheduled Quantities (Shippers)
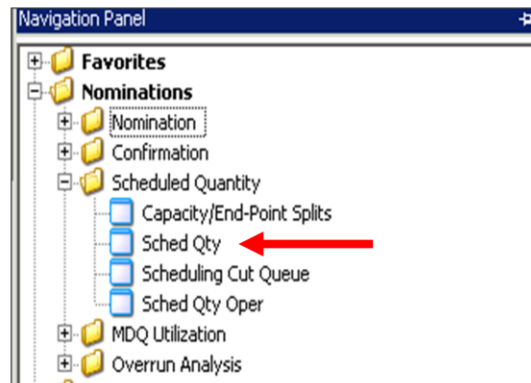
Now we will look at the view scheduled quantities screen. Select Scheduled Quantity / Sched QTY

View Scheduled Quantities (Shippers)

The screen will default to the timely cycle that is currently active in the system

- To view date range, cycle must be 8:00am
- Click "Retrieve" Button

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The default date and cycle will be the next timely cycle

Keep or modify date, then retrieve

Note that If you would like to view a date range, the last cycle must be entered in cycle field, which is 8 am.

View Scheduled Quantities (Shippers)

- "Svc Req K" can be blank and all contracts will be displayed
- Filter Options
  - "All" – show all scheduled information for the query range - default
  - "Scheduled Changes Only" – view only changes made to scheduled volumes
  - "Schedule Bumps Only" - show scheduled volumes that have been 'bumped'
- Click "Retrieve" Button"

Default in this screen will have 'all' filter selected

If you leave the contract number field blank, all contracts for the date range will be displayed.

Click retrieve to display your scheduled volumes with your entered parameters

View Scheduled Quantities (Shippers)

The screen displays scheduled quantity information

- **Rec/Del Sched Stat**– scheduling status e.g Confirmed or Nominated
- **Out of Balance** – asterisk (*) denotes transaction out of balance when comparing the shipper's nominated quantities to their upstream and downstream activities
- **R Qty Rec/Del (Variance)** – difference between nominated volume and confirmed volume if any

This screen will display a LOT of useful data.

-Nominated and scheduled volumes
-scheduling status – either "NOM" for nominated or "CNF" for confirmed
-out of balance indicator – asterisk depicts item out of balance

And qty variance which identifies any variance between nominated and confirmed volumes

To view details of a particular transaction, double click on a line item to prompt the Sched qty for shipper matrix screen

Scheduled Quantity For Shipper Matrix

In the middle of the screen , next to "UP ID" and "Dn ID" you will notice "GO" button.

- If "GO" button is enabled (not grayed out) , shipper can click "GO" which will prompt the screen showing PIN Location with the upstream and downstream transactions.

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This screen will display the upstream and downstream transaction detail at a PIN. If you want to track a transaction at another PIN,… like the nom screen, the go button next to the PIN will take you to that view

NAESB Scheduled Quantity For Shipper Matrix – Detail Line Item

- From this screen shipper can further review details for any PIN

  - Select a specific line item (line will turn blue)
  - Click "Detail Line Item" box

If you want to see the scheduled volume history of line item, Select "detail Line Item" box.

The detail box will display history of transaction,…PL scheduled volume, confirmed volume, and final scheduled volume similar to the PASSKEY function of Nomination history

the next inquiry screen to show you is the scheduling cut queue screen where you can see any pipeline reductions

Scheduling Cut Queue
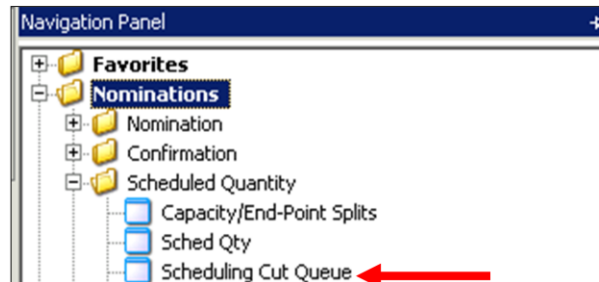
- From this screen shipper can review any scheduling cut by the TSP

On the Navigational Panel,

Select Scheduling Cut Queue under scheduled quantity

Scheduling Cut Queue

- Enter "Flow Date" and "Cycle", then click "Retrieve"
- Double click on line for detail

Input date and cycle to view then retrieve

Screen will display any cuts by the pipeline. In this view we have one segment cut

To get details, double click the line item

Scheduling Cut Queue Detail

This screen displays pipeline cuts by the TSP
• Reason code and description will be displayed

Here you will see the reduction reason codes and description…the reason codes and description are also seen in the scheduled quantity detail screen.

Now we look at a screen that should be familiar to TGP customers.

Capacity/End Point Splits
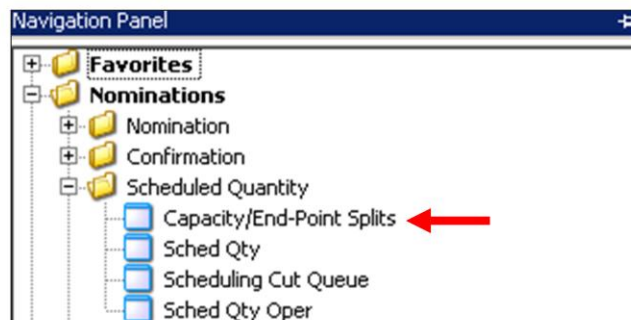
From this screen shipper can review the priorities for their contracts

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The Capacity/End Point Splits screen

Select the screen from the navigational panel under the Scheduled quantity menu

Capacity/End Point Splits

This screen displays capacity priorities
- Select 'Point' or 'Segment' type

After selecting date/time, then point or segment type,… screen will display capacity priorities of nominations

Capacity/End Point Splits

Shipper has currently scheduled 9,912 dth of SIP, 60 dth of SOP, and 19,872 of other

Priorities are displayed in a format similar to the current PASSKEY screen. Current SOP, Current other,…..etc.

In this example, we are looking at point priorities at meter 412778 where shipper has currently scheduled 9,912 dth of secondary in path, 60 dth of out of path, and 19,872 of interruptible………….

So those are the key screens for finding nomination mismatches, viewing capacity priorities, looking up scheduled volumes, and tracking history of a reduction.

Important Notes
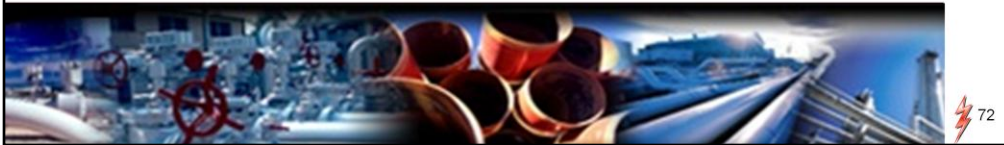
Before we open up the lines for questions, I want to go over some important notes to prepare for DART integration

Suggested Favorites (*for Nominations*)

First I want to share a suggested "favorites" list you can build for nomination processing in DART

In the main menu which is the navigational panel there is an option to add favorites. Here are the highlighted screens that you can set up in Favorites to get you started regarding Noms.

To save a screen in favorites,

Right click in the screen and choose 'addtofavorites' options

These are by no means the only screens you will use but is a good list to start with

Reminders

- Obtain DART Access with new ESA's
- Review Tutorials – How do I…..?
- Review new TGP segment map
- RSVP for Regional Training
- Next WEBEX – **Confirmations, Allocations and Reporting**
  - Confirmations
  - PDA's in DART
  - Measurement
  - Allocations
  - Reports and Report Subscription

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Here are some important reminders for the near future

Get your new DART logins and ESA's set up. For new DART users AND current DART users, there's a new license agreement to sign. also New logins will be needed to get into the sandbox june 17 so no time to delay!

Review the New video tutorials – new topics are being loaded periodically.

Get familiar with the new TGP segment map now available on the TGP homepage

RSVP for training, deadline to secure a spot is Friday. Some changes to the training agenda have been made and I believe we just posted an update with the details, so you might want to check that out. We will be sending confirmations for training after the rsvp deadline.

Next webex coming up is confirmations, allocations and reporting…
 that will also cover measurement, pda rules and flowing gas.

Lets look at our timeline.

Timeline

Date	Event	Location
June 5	WEBEX – Confirmations	WebEx
June 12	Confirm Sandbox Opening 6/17	Notice
June 13	WEBEX - Capacity Release	WebEx
June 17	Sandbox Opens	Online
June 18-20	Regional Training	Houston, TX
July 9-11	Regional Training	Enfield, CT
July 16-18	Regional Training	Newark, NJ
July 23-25	Regional Training	Houston, TX
Aug 6-8	Regional Training	Nashville, TN
Aug 13-15	Regional Training	Houston, TX
August 19	DART Open for September 1st Business	Online
Aug 20-21	Open Workshops	Houston, TX
Aug 27-28	Open Workshops	Houston, TX
Sept 1	DART Goes Live	Online
Sept 11	Training - Invoices	WebEx

Here is the timeline for upcoming training dates including WEBEXs, hands on training, and opening of the SANDBOX

When the SANDBOX is open and you start to have questions, we will have a support email you can write to that we will show on last slide and get you detailed answers to your questions by the experts,

Also we encourage you to get with your rep, and they can schedule a time to work one on one with you in the SANDBOX before we go live

Speaking of sandbox,

SANDBOX

- What to Expect
  - Data
    - View meters (PINs), entities (GIDs), segments, contracts
  - Functionality
    - Capacity Release
    - Nomination
    - Confirmation
    - Scheduled Quantities
    - Flowing Gas including PDAs

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here is a list of what to expect

In this environment we will have PINS, GIDs, pipeline segments and contracts

Functionality will include capacity release, nominations, confirmations, scheduled quantities and Pre-determined allocations

For Sept 1, here is the plan for conversion,

Data wise, contracts will be converted over including rollups and releases.

Nominations will be pulled from PASSKEY for a specific date and copied as a single nom batch in draft status for Sept 1,…..
The idea is to convert some nom data from PASSKEY to DART giving customers a starting point to build their noms for Sept 1. Because we are going to an un-threaded model, PASSKEY noms will not translate directly into DART. So most likely, draft noms will not be complete for sept 1 business but it's a template to start with instead of starting from scratch

If the nomination draft is unwanted or unneeded, customers can simply delete and start from empty screen

Data that will not or may not be converted is the following
              temporary or dummy duns nos that do not have legitimate GID's in DART

Up/Dn IDs that do not have matching GIDs in DART will be left blank in the sept 1 nom draft.. A valid entity GID must be setup in Dart before it can be selected in the nomination screens.   A list of valid GIDs are listed on our homepage titled TGP to DART entity cross reference, you may want to check that out for sept 1 business

Nominations with ERS or EDS will not be converted. Unique routes for these transactions will not be needed in DART

Alternate pooling transactions where transport contracts used the 08 trans type will not be converted or needed in DART. Pooling gas at an alternate pool can be nominated in DART as a normal pool nom.

Payback nominations will not be converted

And that's about it for conversion data……

Now I will show you what training resources we have available on our homepage and where they are located..

Reference Material On-line

– Access available via the TGP Portal
  - *Other Postings/Other Information/ Conversion to DART*
  - *Other Postings/Other Information/Training*

– Sampling of information currently posted:
  - TGP to DART Entity Cross Reference
  - TGP PIN Cross Reference
  - Nomination Upload Template/Guide
  - Video Tutorials
  - EDI Nomination Examples
  - DART License Agreement/ESA Guide
  - New TGP Segment Map

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All of the DART related reference material is located on the homepage under "other information"/conversion to DART file or Training file

Here is a list of what you would find

Some of the recent training materials that has been added are the video tutorials and the new TGP segment map. The videos are short instructional videos titled "How do I…? and based on topic. They are periodically being added with different topics so we encourage you to check them out. They are located under the Training file.

Also, after this meeting we will be adding an appendix of nomination examples covering different nom examples that we didn't have time to show.

Here is the homepage where the files are located

The DART WEBEX presentations are in the presentations folder and have ALSO been added to the Conversion to DART file. so everything DART related is in either the conversion to DART or Training file.

Questions and Comments

Email: TGPDART_Training@KinderMorgan.com

If you think of some questions later you can email us at the new DART support address or you can call your rep