

DART Regional Training Workshop

Nominations, Scheduling,
Confirmations and Reporting





Welcome

John Driscoll
Manager
Xpress Nominations and Schedule Group



Training Team

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Workshop Training Objectives



Workshop Training Objectives

After completing this training workshop, in DART you should be able to:

- 1) Set Favorites; Business and Individual Preferences; and Identify Open DART Screens
- 2) Create Batch files
- 3) Identify and match counterparty nomination information
- 4) Enter basic nominations using DART's Nomination Matrix
- 5) Copy nominations from one Batch file into a new Batch file
- 6) Review and interpret Scheduling and Confirmation Reports
- 7) Apply Ranks to your nominations
- 8) Sign up to automatically receive reports through Report Subscription



Workshop Training Schedule



Training Schedule

7:45 – 8:15	Reception/Breakfast (Continental)
8:15 – 8:30	Opening Remarks/Administrative Matters
8:30 – 9:00	General DART Navigation
	Exercise 1 – Set Individual Preferences
	Exercise 2 – Set Business Preferences
	Exercise 3 – Set DART Favorites
	Exercise 4 – Identify Open DART Screens
9:00 – 9:15	Break
9:15 – 10:30	Nominations
	Exercise 5 – Creating a New Batch File
	Exercise 6 – Reviewing and Matching Counterparty Nominations



Training Schedule (continued)

9:15 – 10:30	Nominations (continued) Exercise 7 – Enter New Nominations
10:30 – 10:45	Break
10:45 – 11:30	Nominations (continued) Exercise 8 – Enter a Additional Nomination Exercise 9 – Copying Nominations
11:30 – 12:45	Lunch is Served
12:45 -- 1:15	Confirmations Exercise 10 – Review Confirmed Volumes
1:15 – 1:30	Break



Training Schedule (continued)

1:30 – 2:30

Scheduling Reports

Exercise 11 – View Buy/Sell Mismatches

Exercise 12 – View Scheduling Volumes

Exercise 13 – Navigating Report
Subscription

2:30 – 2:45

Break

2:45 – 4:00

Exercise 14 -- DART Ranks

Exercise 15 – Nominations
Upload/Download

4:00 – 4:30

Open Forum Questions/Practice

4:30 – 5:00

Workshop Wrap-up



Sandbox Login:

[Http://DARTTEST.KINDERMORGAN.COM](http://DARTTEST.KINDERMORGAN.COM)



DART Sandbox Login

KINDER MORGAN

Interstate Midstream **DART SANDBOX (Test Only)**

Natural Gas Pipelines **get it there**
with Kinder Morgan

KINDER MORGAN Hide **EL PASO**

- Natural Gas Pipeline Company of America
- Horizon Pipeline
- Trans-Colorado Pipeline
- Kinder Morgan Texas Pipeline
- Kinder Morgan Texas Pipeline
- Kinder Morgan North Texas Pipeline
- KM Mer-Monterrey Pipeline
- Midcontinent Express Pipeline
- Kinder Morgan Louisiana Pipeline
- KinderHawk Gathering
- Fayetteville Express Pipeline
- Eagle Ford Gathering
- Red Cedar Gathering
- Kinder Morgan Gas Storage Field
- Kinder Morgan Treating
- Shale Gas Plays
- Basins
- Cheyenne Plains Gas Pipeline
- Colorado Interstate Gas
- El Paso Natural Gas
- El Paso Production
- Eloa Express Pipeline
- Florida Gas Transmission
- Mojave Pipeline
- Ruby Pipeline
- Southern Natural Gas
- Tennessee Gas Pipeline
- Wyoming Interstate Co.
- Cypress Pipeline
- El Paso Gas Storage Field
- El Paso LNG Terminal

KINDER MORGAN
Natural Gas Pipelines & Facilities

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811 Know what's below. Call before you dig.

<http://darttest.kindermorgan.com>

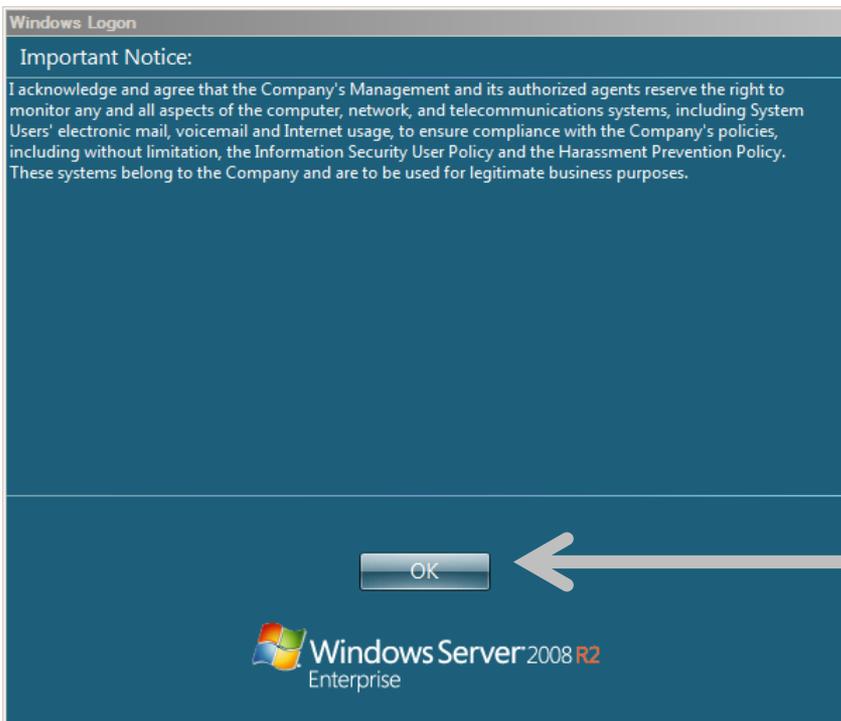


DART Sandbox Login

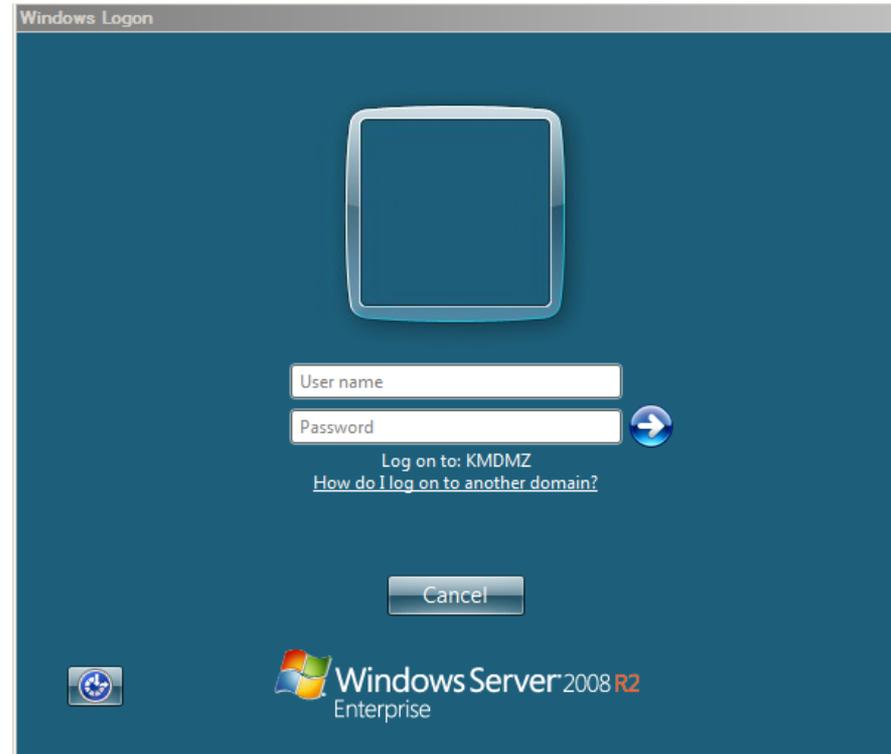


Step 1:

Click on "DART SANDBOX (Test Only)"
(Web Link: <http://darttest.kindermorgan.com>)



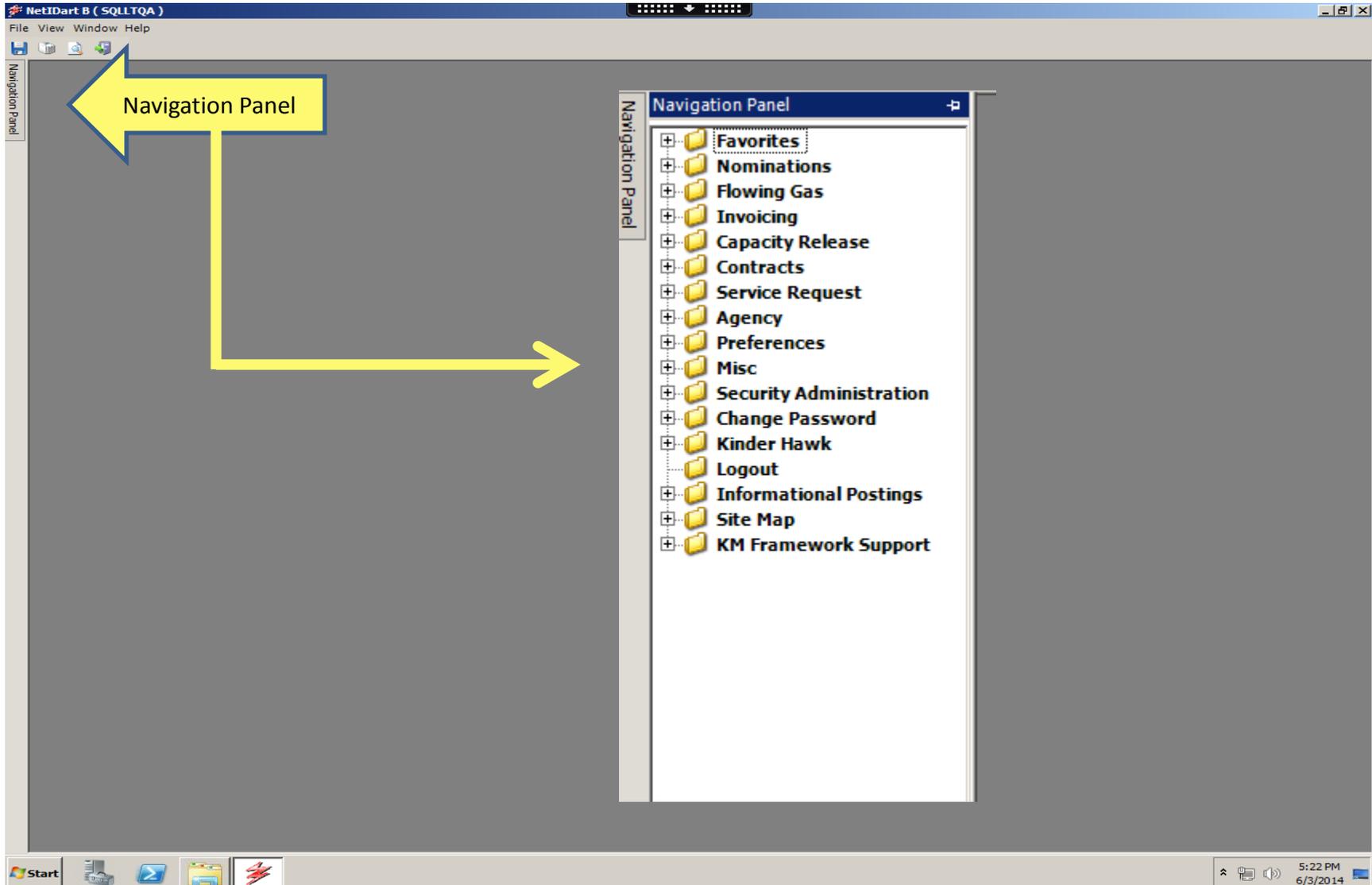
Step 3:
Enter DART User ID and Password
Make sure Log onto: reads "KMDMZ"



Step 2:
"Important Notice:" page:
Read notice and click on "OK"



DART Splash Screen/Navigation Panel



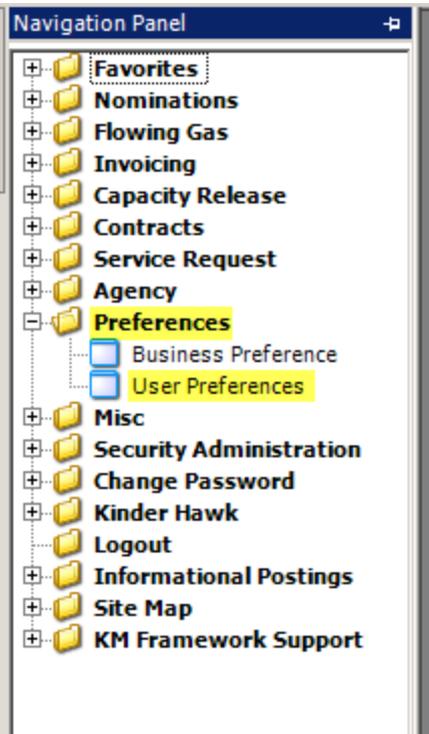
General DART Preferences



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Setting Individual Preferences



User Preferences [NGPL]; 06/03/2014 05:38:00

TSP: 1 - NATURAL GAS PIPELINE CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

AFTER LOGIN, DEFAULT TO:

TRANSPORTATION SERVICE PROVIDER (TSP):	15038 COLORADO INTERSTATE GAS CO.	1	Save
SERVICE REQUESTER (SVC REQ):	61000 TRNG-CHERRY NATURAL GAS	2	

3

- 1) Select Primary Transportation Service Provider (TSP) from dropdown list
- 2) Set Service Requester (if you do business as more than one GID)
- 3) Save your update



Exercise #1

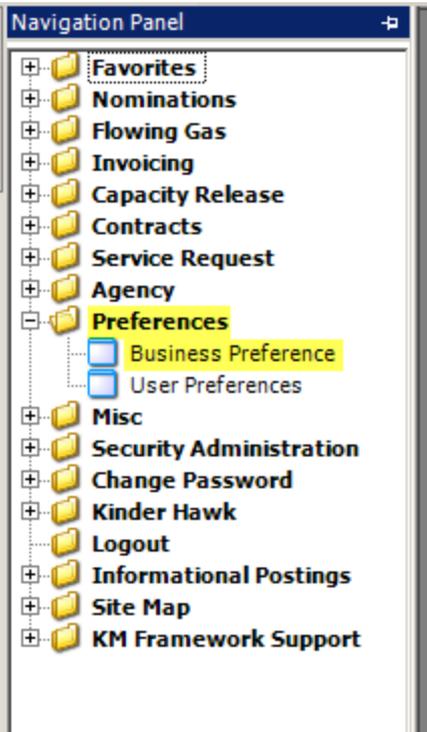
✍️ Exercise Title: Setting Individual Preferences

■ Exercise Scenario/Parameters:

- Set Colorado Interstate Gas Co (CIG) as your primary TSP to log into
- Evaluate the Service Requester field
 - Do you have more than 1 GID showing: Yes or No (circle one)
 - If you have more than 1 GID showing, how many do you have? (fill in the blank) _____
 - If you have more than 1 GID showing, set your primary company as your default Service Requestor



Setting Business Preferences



The screenshot shows the 'Business Preference' form in a web application. The form is titled 'Business Preference [CIG]; 06/03/2014 05:54:54'. The 'Add Screen' dialog box is open, showing the following fields and options:

- Business Function:** CAP REL BIDS (dropdown menu, circled 2)
- Contact Role:** Primary (dropdown menu, circled 4)
- Contact Name:** (text input field, circled 3)
- Email Address:** (text input field, circled 3)
- Confirm Email:** (text input field)
- Office Phone#:** () () - () () (text input field)
- After Hours Phone#:** () () - () () (text input field)
- Pager#:** () () - () () (text input field)
- Fax#:** () () - () () (text input field)
- Mobile#:** () () - () () (text input field)
- Title:** (text input field)
- Delivery Preference:** Email (dropdown menu)

Buttons on the right side of the dialog include Save, Clear, Close, Print Preview, and Print. A 'Retrieve' button is also visible in the main form area.

- 1) Right Click and select "New" (to add a Preference) or "Edit" (to edit existing Preference(s))
- 2) Select "Business Function" from dropdown list
- 3) Enter user contact information
- 4) "Save" your Preference request



Exercise #2

✍️ Exercise Title: Setting Business Preferences

- Find and set your non-critical and critical notices preferences
 - Set yourself as a “Primary” for critical notices
 - Set yourself as a “Secondary” for non-critical notices



Exercise #3

Exercise Scenario/Parameters:

- Open the Nominations (Not Submitted) window and save it as a favorite
- Open the Contracts window and save it as a favorite
- If you already a favorite DART report, open that report and save it as a favorite
 - Otherwise, open Scheduled Quantities – Shipper and save it as a favorite



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Viewing Open DART Windows

File View Window Help

Close All Windows

- 1 PDA (TGP) [CIG]; 06/06/2014 12:08:40
- 2 Meas Info [CIG]; 06/06/2014 12:09:01
- 3 Point Nominations [CIG]; 06/06/2014 12:09:08
- 4 Not Submitted [CIG]; 06/06/2014 12:09:15
- 5 Contract Path Ranking [CIG]; 06/06/2014 12:09:18
- 6 Buy/Sell Mismatches List [CIG]; 06/06/2014 12:09:21
- 7 Confirmation [CIG]; 06/06/2014 12:09:26
- 8 Maintain Confirmation by Exception [CIG]; 06/06/2014 12:09:28
- 9 Confirmation Balancing Exception [CIG]; 06/06/2014 12:09:31
- 10 Sched Qty [CIG]; 06/06/2014 12:09:36
- 11 Scheduling Cut Queue [CIG]; 06/06/2014 12:09:55
- 12 Sched Qty Shipper Detail (RS) [CIG]; 06/06/2014 12:10:01
- 13 Buy/Sell Activity [CIG]; 06/06/2014 12:10:06
- 14 All Contracts [CIG]; 06/06/2014 12:10:08
- 15 Allocation Location [CIG]; 06/06/2014 12:10:17
- 16 Hour Average Report [CIG]; 06/06/2014 12:10:30
- 17 Business Preference [CIG]; 06/06/2014 12:11:04
- 18 Contracts [CIG]; 06/06/2014 12:11:11
- 19 Agency in Effect [CIG]; 06/06/2014 12:11:15
- 20 GID Lookup [CIG]; 06/06/2014 12:11:20
- 21 Company Contact [CIG]; 06/06/2014 12:11:23
- 22 Fuel Calculator [CIG]; 06/06/2014 12:11:31
- 23 PALS Activity [CIG]; 06/06/2014 12:12:13
- 24 PIN Lookup [CIG]; 06/06/2014 12:12:45
- 25 User Security Maintenance/Inquiry [CIG]; 06/06/2014 12:12:50

Always Available

Available w/Tab Manager On

-
- PDA (TGP) [CIG]; 06/06/2014 12:08:40
 - Meas Info [CIG]; 06/06/2014 12:09:01
 - Point Nominations [CIG]; 06/06/2014 12:09:08
 - Not Submitted [CIG]; 06/06/2014 12:09:15
 - Contract Path Ranking [CIG]; 06/06/2014 12:09:18
 - Buy/Sell Mismatches List [CIG]; 06/06/2014 12:09:21
 - Confirmation [CIG]; 06/06/2014 12:09:26
 - Maintain Confirmation by Exception [CIG]; 06/06/2014 12:09:28
 - Confirmation Balancing Exception [CIG]; 06/06/2014 12:09:31
 - Sched Qty [CIG]; 06/06/2014 12:09:36
 - Scheduling Cut Queue [CIG]; 06/06/2014 12:09:55
 - Sched Qty Shipper Detail (RS) [CIG]; 06/06/2014 12:10:01
 - Buy/Sell Activity [CIG]; 06/06/2014 12:10:06
 - All Contracts [CIG]; 06/06/2014 12:10:08
 - Allocation Location [CIG]; 06/06/2014 12:10:17
 - Hour Average Report [CIG]; 06/06/2014 12:10:30
 - Business Preference [CIG]; 06/06/2014 12:11:04
 - Contracts [CIG]; 06/06/2014 12:11:11
 - Agency in Effect [CIG]; 06/06/2014 12:11:15
 - GID Lookup [CIG]; 06/06/2014 12:11:20
 - Company Contact [CIG]; 06/06/2014 12:11:23
 - Fuel Calculator [CIG]; 06/06/2014 12:11:31
 - PALS Activity [CIG]; 06/06/2014 12:12:13
 - PIN Lookup [CIG]; 06/06/2014 12:12:45
 - User Security Maintenance/Inquiry [CIG]; 06/06/2014 12:12:50



Viewing Open DART Windows

View Window Help
Tab Manager Navigation: <No navigable windows available> Actions: <Select an action item>

Buy/Sell Activit All Contracts Allocation Loca Hour Average Business Prefe Contracts [CIG] Agency in Effe GID Lookup [C Company Cont Fuel Calculator PALS Activity [PIN Lookup [C **User Security**

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Retrieve

Logon ID	Name	Company	Work Ph Nbr	Email	Security Admin	Status
CTRNG43	TRAINING43, DARTPLUS X	61000 - TRNG-CHERRY NATURAL GAS	(708)691-3087		N	SUSPENDED
CTRNG44	TRAINING44, DARTPLUS X	61000 - TRNG-CHERRY NATURAL GAS	(708)691-3087		N	SUSPENDED

File View Window Help
User Preference Navigation: <No navigable window> Actions: <Select an action item>

TSP: 15038 - COL About D. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Report Date: 6/6/2014 12:34:08 PM

Contract ID	Serv Type	Volume Type	Receipt Allocated Dth	Inj Ind	Adjustments (Fuel)	Delivery Allocated Dth	Wdl In
210105-TF1CI	TF1	Transport (Current					
210245-FS1CI	FS1	STORAGE					

Framework User Preference

General | Auto Launch | Save

Navigation Panel
 Single Click
 Double Click

Navigation Panel Screen Id Alignment
 Left
 Right
 None

MDI Tab Manager
 Show MDI Tab Manager
Tab Width 100

Sort Navigation Panel
 Yes

Ready

To Set
"Tab Manager"
View



Exercise #4

Exercise Scenario/Parameters:

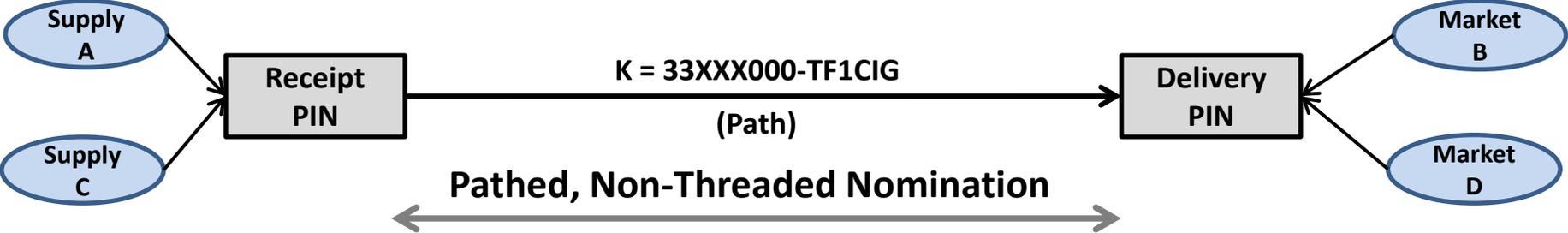
- Set DART Window “User Preferences”
 - Set to “Show MDI Tab Manager”
 - Set Tab Width to “100”
- Open up several random DART windows and evaluate how the tab manager works
 - Now, close all your open windows with the “Close All Windows” option



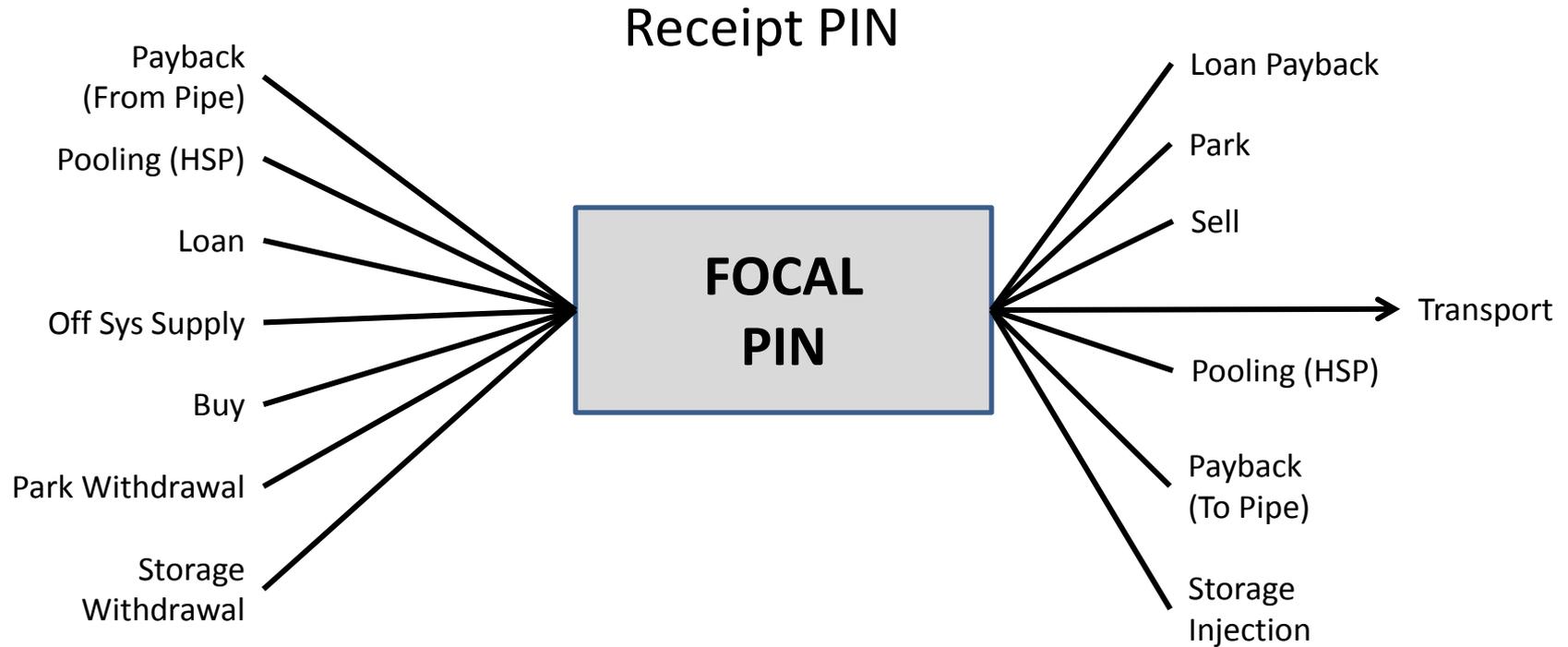
Nominating in DART



'Pathed, Non-Threaded' Nomination Model



DART = Focal PIN-Centric



(Source)

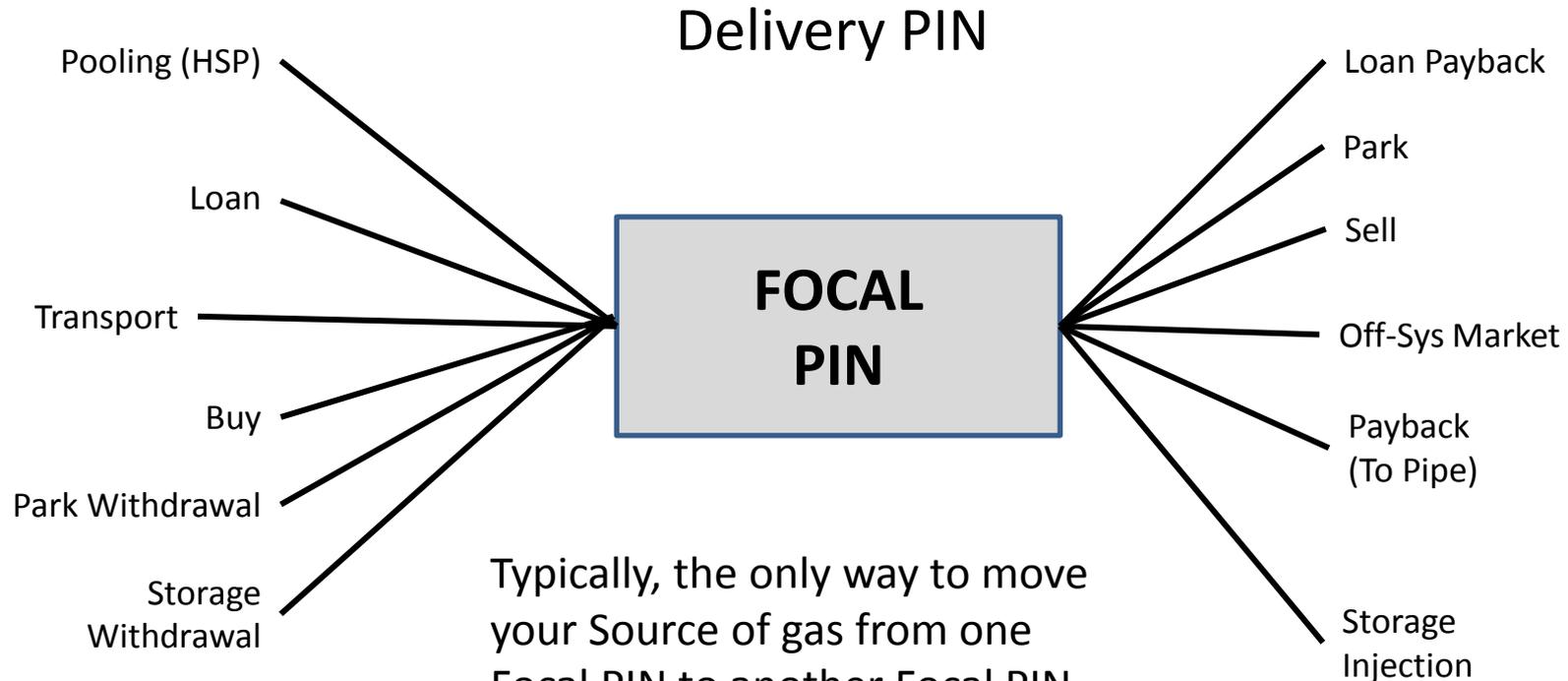


(Disposition)

PIN must be in balance; total Upstream volume equals total Downstream volume



DART = Focal PIN Centric



PIN must be in balance; total Upstream volume equals total Downstream volume



DART Tip – Field Lookups

When you hover over a field and you get a “?”, double click on the field to get a lookup window for that field

SP Prop: 15038 TSP Name:
vc Req Prop: 61000 Svc Req Name:
Sport: 6/30/2014 21:07:58 Beg Date: 6/30/2014
ec/Del Loc Prop: 1048848103? Req/Del Loc Name:
atch Id: 1048848103 PDA > U6
Upstream Total: Downstream Total:
ite: Fields with labels in Red Italics are ordered pursuant to NAESB 4.
Collapse
Svc Req Svc Rec

Location Lookup

Filter Criteria Selection
 No Filter Id Name Contains Name Starts With DRN Segment Zone

Point Catalog
 Yes No All Filter criteria: Zone: Filter

Location List

ID	Name	Segment	Rcpt Zone	Dhly Zone	County	State	Ctrct Type Usage	R-D Usage
800273	ANAUINTA/WIC (GLD	402	19	19	UINTAH	UTAH	A	B
891821	ENCANA/CIG (BCK) B	148	01	01	FREMONT	WYOMING	A	B
891909	ENCANA/CIG (FRD) F	136	01	01	FREMONT	WYOMING	A	B
892265	ANAUINTA/CIG (ANA)	112	01	01	UINTAH	UTAH	A	B
892332	ENCANA/CIG (GUN) G	150	01	01	FREMONT	WYOMING	A	B
892332	ENCANA/CIG (GUN) G	150	01	01	FREMONT	WYOMING	A	B

Total rows: 6

Ok Cancel



Adding a Batch File

Not Submitted Contracts [CIG] Nom Matrix [C]

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Batch List

1 **Add Batch** Reset Batch Change Batch Delete Batch Validate Submit Save As Print

Batch Locations Nom Batch Report Buy/Sell Mismatches

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 6914865
Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 6100000

Report Date/Time: 6/6/2014 1:51:33 PM

Submitted Not Submitted Show All SVC Req

Beg Date	End Date	Batch ID- Description	Status	Cycle	Date Submitted
06/08/2014	06/15/2014	1067750069 DART Training business scenario_MJB	Draft	TIMELY	

Add screen

TSP Prop : 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 6914865 **Save**
Svc Req Prop : 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 6100000 **Cancel**
Agent Prop : 61000 Agent Name: TRNG-CHERRY NATURAL GAS Agent: 6100000

Beg Date: 6/10/2014 End Date: 6/15/2014

Cycle : BEST AVAILABLE

Contact Name: Mike Baker

Contact Phone: 719-520-4733

Description: DART Training Batch file_MJB

Role : Shipper Operator

Batch saved successfully

2 **3**

Copy Old Nominations Enter New Nominations Upload Nominations

WNVL1000 Row count: 1 #100 - No errors for selected item



Exercise #5

Exercise Scenario/Parameters:

- Create a new Batch File
 - Begin Date: _____
 - End Date: _____
 - Enter Batch information
 - Cycle: Best Available
 - Contact Name: Your name goes here
 - Contact Phone: 555-555-5555
 - Description: Give your Batch file a name and finish with your initials in all caps
 - Role is “Shipper” (default – should already be selected)
 - Select “Enter New Nominations” from the next pop up window



DART Nomination Matrix

Not Submitted Contracts [CIG] **Nom Matrix**

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Batch Locations PDA **NAESB Nomination Matrix** Heen Calculator Delete Location New Validate Save Retrieve Save As Print

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 006914865
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 006100000 Svc Req K:

Report 6/10/2014 1:35:59 Beg Date: 6/16/2014 Beg Time: 9:00 AM End Date: 6/16/2014 End Time: 9:00 AM Cycle: TIMELY
 Rec/Del Loc Prop: 0 Rec/Del Loc Name: Rec/Del Loc: Status
 Batch Id: 1048848107 PDA: Default Package ID Payback Month Counter Prty Nom Status QTY/PDA/Rank:

Upstream Total: Downstream Total: Variance: Status: Draft Show Zeros - Up Show Zeros - Dn
 Note: Fields with labels in Red Italic are ordered pursuant to NAESB 4.3.73 Up Dn Crst Id

Collapse Upstream Nominations Rates Fuel New Delete

Vol Type	TT	<i>Svc Req K</i>	Svc Type	<i>Rec Loc Prop/ Up ID Prop</i>	GO	Rec Loc Name/ Up Name	Rec Loc/ Up ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Up Rank/ Del Rank	<i>Pkg ID</i>	Imbalance Month	Up Contract

Collapse Downstream Nominations Rates Fuel New Delete

Vol Type	TT	<i>Svc Req K</i>	Svc Type	<i>Del Loc Prop/ Dn ID Prop</i>	GO	Del Loc Name/ Dn Name	Del Loc/ Dn ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Dn Rank/ Rec Rank	<i>Pkg ID</i>	Imbalance Month	Dn Contract

WNVL 1030 Upstream row count: 0 Downstream row count: 0 #67 - Data Has Been Refreshed



Nominating in DART

Not Submitted Contracts [CIG] **Nom Matrix**

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Batch Locations PDA **NAESB Nomination Matrix** Heen Calculator Delete Location New Validate Save Retrieve Save As Print

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 006914865
Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 006100000 Svc Req K:

Report 6/10/2014 1:35:59 Beg Date: 6/16/2014 Beg Time: 9:00 AM End Date: 6/16/2014 End Time: 9:00 AM Cycle: TIMELY
Rec/Del Loc Prop: Rec/Del Loc Name: Rec/Del Loc: Status QTY/PDA/Rank:
Batch Id: 1048848107 PDA: Default Package ID Payback Month Counter Prty Nom
Upstream Total: Downstream Total: Variance: Status: Draft Show Zeros - Up
Note: Fields with labels in Red Italics are ordered pursuant to NAESB 4.3.73 Up Dn Ctrct Id Show Zeros - Dn

- 1) Nominating starts with entering the “Focal PIN”
- 2) Upstream Total: (populates as you enter nomination upstream line items)
- 3) Downstream Total: (populates as you enter nomination downstream line items)
- 4) Variance: Difference between the Upstream and Downstream Total fields (any volume here indicates your PIN is not in balance and that volume must be resolved)
- 5) Status: Status of your Batch file



Reviewing and Matching “Counter Party” Nominations

Not Submitted Contracts [CIG] **Nom Matrix**

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

NAESB Nomination Matrix Heen Calculator Delete Location New Validate Save Retrieve Save As Print

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 006914865
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 006100000 Svc Req K:

Report 6/6/2014 1:17:06 PM Beg Date: 6/8/2014 Beg Time: 9:00 AM End Date: 6/15/2014 End Time: 9:00 AM Cycle: TIMELY
 Rec/Del Loc Prop: 891645 Rec/Del Loc Name: XX/CIG (BLF) BLUE FOREST SWEETWATER Rec/Del Loc: Status QTY/PDA/Rank:
 Batch Id: 1067750069 PDA: Default Package ID Payback Month Counter Prty Nom

Upstream Total: 11,500 Downstream Total: 11,500 Variance: Status: Draft Show Zeros - Up Show Zeros - Dn

Note: Fields with labels in Red Italics are ordered pursuant to NAESB 4.3.73 Up Dn Ctrct Id

Collapse Upstream Nominations Rates Fuel New Delete

Vol Type	TT	Svc Req K	Svc Type	Rec Loc Prop/ Up ID Prop	GO	Rec Loc Name/ Up Name	Rec Loc/ Up ID	Rec Qty (Gross)	Fuel %	Fuel	Counter Prty Nom	Del Qty (Net)	Up Rank/ Del Rank	Pkg ID	Up Contract
Buy (Current Bu)	01			64000	GO	TRNG-BLUE SPRUC	0	1,000	0	1	2000	1,000	100		
Buy (Current Bu)	01			66000	GO	TRNG-PINE TRANS	0	0	0	2	2200	0	500		
Buy (Current Bu)	01			61100	GO	TRNG-RIVER BIRCH	0	3,000	0	3	0	3,000	200		
Payback(Imbala)	03	210105-TF1CIG	TF1	892265	GO	ANAUINTA/CIG (AN	0	2,500	0	3	0	2,500	500		
Off-system Supp	118			61700	GO	TRNG-PALM POWE	0	5,000	0			5,000	10		ABC123

Collapse Downstream Nominations Rates Fuel New Delete

Vol Type	TT	Svc Req K	Svc Type	Del Loc Prop/ Dn ID Prop	GO	Del Loc Name/ Dn Name	Del Loc/ Dn ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Dn Rank/ Rec Rank	Pkg ID	Dn Contract
Sell (Current Bu)	01			61800	GO	TRNG-CRAB TRANS	0	3,500	0	4	3500	3,500	10		
Sell (Current Bu)	01			67000	GO	TRNG-REDBUD NAT	0	1,000	0	3	0	1,000	200		
Transport (Curr)	01	210520-TF1CIG	TF1	800094	GO	PEPL/CIG (BKP) BA	48995	2,500	0.0095	24		2,476	100		
Transport (Curr)	01	210520-TF1CIG	TF1	891129	GO	NNG/CIG (DUM) DU	0	4,500	0.0095	43		4,457	50		

- 1) You are under confirming your counter party's volume
- 2) Counter party has shown up; you are either under confirming or have not yet completed your business for the day
- 3) You have entered your nominations and your counter party has not yet entered their business or the are under confirming
- 4) You and your counter party match



Exercise #6

✍ Exercise Scenario/Parameters:

- Review and Match counter party nominations information
 - In the Navigation Panel, under Nominations, launch the Buy/Sell Mismatches List report
 - Select Flow Date: _____.
 - Timely Cycle
 - Unclick “Mismatches Only” box
 - Click on “Show All Svc Req” box
 - Do you have a Buy/Sell mismatch? Yes or No
 - How much is the mismatch? _____



Adding New Nomination Line Items

Upstream Nominations															
Vol Type	TT	Svc Req K	Srvc Type	Rec Loc Prop/ Up ID Prop	GO	Rec Loc Name/ Up Name	Rec Loc/ Up ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Up Rank/ Del Rank	Pkg ID	Up Contract
Off-system Supp	118	0		0	GO			0	0	0		0	0		
Buy (Current Bu	01	0		0	GO			0	0	0		0	0		
Loan	28	0		0	GO			0	0	0		0	0		
					GO										

No-Notice Balancing
 No-Notice Service
 Off-system Supply
 Park and Loan Balancing
 Park Withdrawal
 Payback(Imbalance Payback From TSP)
 Pooling
 Sale

- 1) From the first available line item in the data grid, hover over the “Vol Type” and select the appropriate volume type from the field dropdown list
- 2) Once you have selected a Volume Type, DART will define the required fields that need to be filled in (turquoise colored fields)
- 3) Enter either a Receipt or Delivery Quantity and DART will fill in the other gross volume quantity based on nomination fuel rules
- 4) Rank is a mandatory field; DART default rank is 500
- 5) Package ID field is optional
- 6) Up Contract field is mandatory when turquoise in color (**for confirmations**)



Adding New Nomination Line Items

Downstream Nominations																Rates		Fuel		New		Delete	
Vol Type	TT	Svc Req K	Svc Type	Del Loc Prop/ Dn ID Prop	GO	Del Loc Name/ Dn Name	Del Loc/ Dn ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Dn Rank/ Rec Rank	Pkg ID	Dn Contract								
Sell (Current Bu	01	0		0	GO			0	0	0		0	0										
Transport (Curr	01	0		0	GO			0	0	0		0	0										
					GO																		
					GO																		

No-Notice Service
 Off-system Market
 Park
 Park and Loan Balancing
 Payback (Imbalance Payback To TSP)
 Pooling
 Purchase
 Sell (Current Business)

- 1) From the first available line item in the data grid, hover over the “Vol Type” and select the appropriate volume type from the field dropdown list
- 2) Once you have selected a Volume Type, DART will define the required fields that need to be filled in (turquoise colored fields)
- 3) Enter either a Receipt or Delivery Quantity and DART will fill in the other gross volume quantity based on nomination fuel rules
- 4) Rank is a mandatory field; DART default rank is 500
- 5) Package ID field is optional
- 6) Dn Contract field is mandatory when turquoise in color (**for confirmations**)



Exercise #7

Exercise Scenario/Parameters:

- Add a new off system supply to transport to off system market transaction
 - Off system volume type: _____
 - GID: _____

- Add a new buy/sell transaction
 - Buy 10,000 Dth from GID 61700
 - Sell 10,000 Dth to GID

- “Submit” your Batch File to the pipeline for processing



Payback – Pipeline Owes Shipper

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Batch Locations PDA **NAESB Nomination Matrix** Heen Calculator Delete Location New Validate Save

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 006914865
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 006100000

Report 5/27/2014 10:11:42 Beg Date: 5/28/2014 Beg Time: 9:00 AM End Date: 5/28/2014 End Time: 9:00 AM
 Rec/Del Loc Prop: 800229 **1** Rec/Del Loc Name: WBI/CIG (ELK) ELK BASIN PARK Rec/Del Loc:
 Batch Id: 525550484 PDA: Default Package ID Payback Month Counter Prty Nom
 Show Zeros - Up Show Zeros - Dn
 Up Dn Ctrct Id

Upstream Total: 10,000 Downstream Total: 10,000 Variance: Status: Draft

Note: Fields with labels in Red Italics are ordered pursuant to NAESB 4.3.73

Collapse Upstream Nominations Rates Fuel

Vol Type	TT	<i>Svc Req K</i>	Svc Type	<i>Rec Loc Prop/ Up ID Prop</i>	GO	Rec Loc Name/ Up Name	Rec Loc/ Up ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Up Rank/ Del Rank
Buy (Current Bu	01			61400	GO	TRNG-SUGAR MAPL	0	0	0	0	0	0	1
Payback(Imbala	03	210105-TF1CIG	TF1	891129	GO	NNG/CIG (DUM) DU	0	10,000	0	0		10,000	600
2		3		4	GO					5			
					GO								
					GO								

Collapse Downstream Nominations Rates Fuel

Vol Type	TT	<i>Svc Req K</i>	Svc Type	<i>Del Loc Prop/ Dn ID Prop</i>	GO	Del Loc Name/ Dn Name	Del Loc/ Dn ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Dn Rank/ Rec Rank
Transport (Curr	01	210105-TF1CIG	TF1	800715	GO	(TCS) STORAGE INJ	221141	0	0.0095	0		0	1
Off-system Mark	117	0		61500	GO	TRNG-OAK NATURA		10,000	0	8		10,000	600
6				7	GO								
					GO								
					GO								

- 1) Enter Focal PIN where payback is to occur
- 2) Select Payback (Imbalance Payback from TSP
- 3) Enter transport contract being paid back
- 4) Enter a PIN, other than focal PIN
- 5) Enter payback volume amount and rank
- 6) Enter disposition volume type
- 7) Enter GID you are connecting with at off-system market
- 8) Enter off-system market volume and rank



Payback – From Shipper to TSP

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Batch Locations PDA **NAESB Nomination Matrix** Heen Calculator Delete Location New Validate Save Retrieve

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 006914865
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 006100000 Svc Req

Report 5/28/2014 11:22:36 Beg Date: 6/1/2014 Beg Time: 9:00 AM End Date: 6/1/2014 End Time: 9:00 AM Cycle :
 Rec/Del Loc Prop: 800235 1 Rec/Del Loc Name: WFS/CIG (ES2) ECHO SPRINGS CARBON Rec/Del Loc: 155870 Status: QTY/PE
 Batch Id: 543235689 PDA: Default Package ID Payback Month Counter Prty Nom

Upstream Total: 5,000 Downstream Total: 5,000 Variance: Status: Draft Show Zeros - Up Show Zeros - Dn
 Note: Fields with labels in Red Italics are ordered pursuant to NAESB 4.3.73 Up Dn Ctrct Id

Collapse Upstream Nominations Rates Fuel New

Vol Type	TT	Svc Req K	Svc Type	Rec Loc Prop/ Up ID Prop	GO	Rec Loc Name/ Up Name	Rec Loc/ Up ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Up Rank/ Del Rank	Pkg ID
Off-system Supp	118			61800	GO	TRNG-CRAB TRANS		5,000	0	0		5,000	10	PBK1
					GO									
					GO									
					GO									

Collapse Downstream Nominations Rates Fuel New

Vol Type	TT	Svc Req K	Svc Type	Del Loc Prop/ Dn ID Prop	GO	Del Loc Name/ Dn Name	Del Loc/ Dn ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Dn Rank/ Rec Rank	Pkg ID
Payback (Imbala	04	210105-TF1CIG	TF1	800220	GO	PSCC/CIG (EDE) EA	2167	5,000	0.0095	47		4,953	10	PBK2
					GO									
					GO									
					GO									

- 1) Enter Focal PIN where Payback takes place
 - 3) Enter GID of the party you are receiving gas from
 - 5) Enter Rank and Package ID as applicable
 - 7) Enter transport contract containing imbalance
 - 9) Enter payback volume
- (Remember, fuel is deducted for payback to TSP)**

- 2) Select source of additional gas to be paid back
- 4) Enter payback volume
- 6) Select "Payback (Imbalance Payback to TSP)"
- 8) Enter a PIN (which is not the Focal PIN)
- 10) Enter Downstream Rank and Package ID, as applicable



Exercise #8

✍ Exercise Scenario/Parameters:

- Enter a basic payback nomination (Volume Type: Payback (Pipeline owes the shipper))
 - PIN: _____
 - GID: _____
- Pick a new PIN and enter another payback nomination (Volume Type: Shipper owes the pipeline)
 - PIN: _____
 - GID: _____



Copying Nominations

From Add Batch File Process

Batch saved successfully

Copy Old Nominations

Enter New Nominations

Upload Nominations

Contracts [CIG] Focal Pin Volu Template Copy Batch List [CIG] **Batch Locati**

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Batch Detail

Nom Matrix Nom Batch Report New Location Batch List **Copy Noms**

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 6914
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 6100

From the "Batch Detail" window

Contracts [CIG] Batch List [CIG] Focal Pin Volu **Template Co** Submitted [CI] Batch Location

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Batch Locations Select All Copy **5**

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS TSP: 6914865
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 6100000

Report Date/Time: 6/6/2014 2:21:33 PM Beg Date : 6/10/2014 End Date : 6/15/2014

Status : Draft **1** Set all quantities to Zero **2**
 Use default Ranks **4**
 Use default PDAs

Retrieve Nominations Flowing From 6/7/2014 **3** Retrieve

Check To Select Row	Loc Prop	Loc Name
<input type="checkbox"/>	800094	PEPL/CIG (BKP) BAKER PEP
<input type="checkbox"/>	800229	WBI/CIG (ELK) ELK BASIN
<input type="checkbox"/>	800235	WFS/CIG (ES2) ECHO SPRI
<input type="checkbox"/>	800715	(TCS) STORAGE INJ/WTD
<input type="checkbox"/>	891129	NNG/CIG (DUM) DUMAS ST
<input type="checkbox"/>	891645	XX/CIG (BLF) BLUE FOREST

- 1) Enter date of a "Submitted" Batch File
- 2) Retrieve Nominations from that flow date
- 3) Evaluate and check the locations to be copied (or use the "Select All" button in the top right corner)
- 4) Evaluate variable boxes and activate accordingly
- 5) Click on the "Copy" button



Exercise #9

Exercise Scenario/Parameters:

- Copying nominations in DART
 - Start by “adding” a new Batch file
 - Batch begin date: _____
 - Batch end date: _____
 - Fill in contact information as appropriate
 - Save the Batch file
 - Select “Copy Old Nominations” from the pop up window
 - Select 1 of the existing nomination PIN locations to copy into your new Batch file



Viewing Buy/Sell Mismatches

Focal Pin Volu Fuel Calculator Buy/Sell Activit Submitted [CI Sched Qty Ope Buy/Sell Misma Buy/Sell Misma **WNVL1050 - WNVL1051 - B**

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Buy/Sell Mismatches List

Statement Date/Time: 6/6/2014 3:45:46 PM

Save As Print Retrieve Clear

Buy/Sell Mismatches List (Summary Window)

Select Record
and
Right Click

Flow Date: 6/ 7/2014

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 GAS	6100000	800229	WBI/CIG (ELK) ELK BASIN PARK		0	N
▶ 61000	000	TRNG-CHERRY NATURAL GAS	6100000	891645	XX/CIG (BLF) BLUE FOREST SWEETWATER		(2,000)	Y

WNVL1051 - Buy/Sell Mismatches Details

Print

Save As

Add to Favorites

Remove from Favorites

Focal Pin Volu Fuel Calculator Buy/Sell Activit Submitted [CI Sched Qty Ope Buy/Sell Misma Buy/Sell Misma **WNVL1050 - B WNVL1051 - B** Buy/Sell Mis

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Locations

Statement Date/Time: 6/6/2014 4:16:18 PM

Flow Date: 6/7/2014 Cycle: TIME

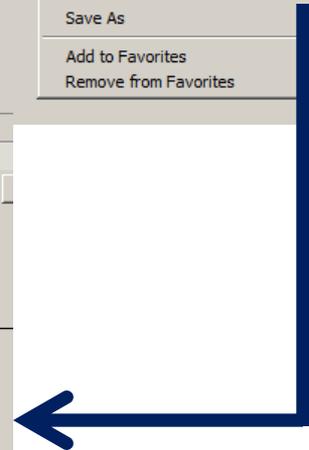
Rec/Del Loc Prop: 891645 Rec/Del Loc Name: XX/CIG (BLF) BLUE FOREST SWEETWATER

Mismatches Only

Make sure this box is not checked

Up\Dn	Vol Type	Co ID	Co ID Name	A	Pkg ID	Counter Prty Nom	Nom Qty	(Sched) Nom Qty	Rank	Mismatch Indicator
U	Payback(Imba	61000	TRNG-CHERRY NATU				2,500	2,500	500	N
U	BUY	61100	TRNG-RIVER BIRCH G			0	3,000	0	200	Y
▶ U	Off-system Su	61700	TRNG-PALM POWER				5,000	5,000	10	N
U	BUY	64000	TRNG-BLUE SPRUCE			2000	1,000	1,000	100	Y
Grand Summaries							2000	11500	8500	

Up\Dn	Vol Type	Co ID	Co ID Name	A	Pkg ID	Counter Prty Nom	Nom Qty	(Sched) Nom Qty	Rank	Mismatch Indicator
D	Transport (Cu	61000	TRNG-CHERRY NATU				2,500	2,500	100	N
▶ D	Transport (Cu	61000	TRNG-CHERRY NATU				4,500	4,500	50	N
D	SELL	61800	TRNG-CRAB TRANSP.			3500	3,500	3,500	10	N
D	SELL	67000	TRNG-REDBUD NATU			0	1,000	0	200	Y
Grand Summaries							3500	11500	10500	



Exercise #10

✍ Exercise Scenario/Parameters:

■ View Buy/Sell Mismatches List

- Enter flow date for the Batch file we submitted to the pipeline in exercise #7
- Select a record in the summary data grid that shows a “Variance”
- Right click and select the “details” report
- Make sure “Mismatches Only” box is unchecked
- Find a Buy/Sell mismatch and report below
 - Your Volume is: _____; Counter party volume is _____



Viewing Scheduled Volumes

Not Submitted | Contracts [CIG] | Scheduling Cut | Sched Qty [CI] | Sched Qty Ship | **Sched Qty [C]** | Sched Qty Ship

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Scheduled Quantity

Sched Qty Ship Matrix Generate EDI Retrieve Save As Print

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 6914865
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 6100000

Statement Date/Time: 6/9/2014 1:15:18 PM Beg Date: 6/10/2014 End Date: 6/10/2014
 Svc Req K (Optional): Cycle: TIMELY

Show
 All Schedule Changes Only Schedule Bumps Only

Flow Date	Rec/Del Loc Prop	Rec/Del Loc Name	Rec/Del Loc	Cust Nom Qty	Rec/Del Qty (Sched)*	Rec/Del Sched Stat	Out of Balance	R Qty Rec/Del (Variance)
06/10/2014	800094	PEPL/CIG (BKP) BAKER PEP	48995	2,476	2,476			0
06/10/2014	800229	WBJ/CIG (ELK) ELK BASIN	0	0	0			0
06/10/2014	800715	(TCS) STORAGE INJ/WTD	221141	0	0			0
06/10/2014	891129	NNG/CIG (DUM) DUMAS ST	0	4,457	4,457			0
06/10/2014	891645	XX/CIG (BLF) BLUE FOREST	0	11,500	10,050	CNF	*	450

Generate EDI
 Retrieve
WNVL0004 - Sched Qty Ship Matrix
 Print
 Save As
 Add to Favorites
 Remove from Favorites

Summary Report



Viewing Scheduled Quantities

Not Submitted | Contracts [CIG] | Scheduling Cut | Sched Qty [CI] | Sched Qty Ship | Sched Qty [CI] | **Sched Qty Sh**

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

NAESB Scheduled Quantity for Shipper Matrix

Detail Line Item | Retrieve | Save As | Print

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 006914865
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 006100000
 Statement Date/Time: 6/9/2014 1:14:17 PM Model Type: T, U

Beg Date: 6/10/2014 Beg Time: End Date: 6/10/2014 End Time:
 Cycle: TIMELY
 Loc Prop: 891645 Loc Name: XX/CIG (BLF) BLUE FOREST SWEET Loc: 0

Layout Options
 NAESB WGQ basic view
 Expanded View

* Scheduled Quantities are subject to change until the NAESB Scheduled Quantities deadline of each Cycle. Fields with labels in red italics are ordered pursuant to NAESB 4.3.73

Up\Dn
 UpStream

TT	Vol Type	<i>SvcReq K</i>	Svc Type	Rec Loc Prop	Rec Loc Name	Rec Loc	Up ID Prop (OffSys)	Up Name (OffSys)	Up ID (OffSys)	G	Customer Nom Qty	Rec Qty (Sched)	Rec Sched Stat	RR	Pkg ID	R Qty Rec (Variance)
03	Payback(Imbala	210105-TF1CI	TF1	892265	ANAUINTA/CIG (	0	0		0	GO	2,500	2,500		AOK		0
118	Off-system Sup	0		0		0	61700	TRNG-PALM POW	0	GO	5,000	4,000	CNF	CPR		1000
01	BUY	0		0		0	61100	TRNG-RIVER BIR	0	GO	3,000	0		CNM		0
01	BUY	0		0		0	64000	TRNG-BLUE SPRU	0	GO	1,000	500	CNF	PRR		500
01	BUY	0		0		0	66000	TRNG-PINE TRAN	0	GO	0	0		CNM		0
Total:											11,500	7,000				

Up\Dn
 DownStream

TT	Vol Type	<i>SvcReq K</i>	Svc Type	Del Loc Prop	Del Loc Name	Del Loc	Dn ID Prop (OffSys)	Dn Name (OffSys)	Dn ID (OffSys)	G	Customer Nom Qty	Del Qty (Sched)	Del Sched Stat	RR	Pkg ID	R Qty Del (Variance)
01	Transport (Curr	210520-TF1CI	TF1	891129	NNG/CIG (DUM)	0	0		0	GO	4,500	4,211	CNF	PLM		289
01	Transport (Curr	210520-TF1CI	TF1	800094	PEPL/CIG (BKP) B	48995	0		0	GO	2,500	2,339	CNF	PLM		161
01	SELL	0		0		0	67000	TRNG-REDBUD N	0	GO	1,000	0		CNM		0
01	SELL	0		0		0	61800	TRNG-CRAB TRA	0	GO	3,500	3,500		AOK		0
Total:											11,500	10,050				



Viewing Scheduled Volumes

Not Submitted Contracts [CIG] Scheduling Cut Sched Qty [CI] Sched Qty Ship Sched Qty [CI] Sched Qty Ship **Scheduling C**

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Scheduling Cut

Retrieve Save As Print

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 6914865
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 6100000

Flow Date: 6/10/2014 Thru: 6/10/2014 Scheduling variance
 Cycle: TIMELY

Flow Date	Cycle	Cust Id	Contract Nbr	Customer	Type	Seg\Point Leg	Variance	Directio	Cut Amount
06/10/2014	TIME	61000	210520-TF1	TRNG-CHERRY NATURAL GAS	POINT	891645	N	R	-433

Right Click does not give you any further report options, however, double click the record for additional scheduled volume detail



Viewing Scheduled Volumes

Not Submitted | Contracts [CIG] | Scheduling Cut | Sched Qty [CI] | Sched Qty Ship | Sched Qty [CI] | Sched Qty Ship | Scheduling Cut | **WSVL0730 -**

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Retrieve | Print / Export

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 6914865
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 6100000

Point 891645 Scheduling Customer: 61000 TRNG-CHERRY NATURAL GAS
 Agent: 61000 TRNG-CHERRY NATURAL GAS
 Contract: 210520-TF1CIG
 Type: TFO TF1
 Flow Date: 6/10/2014
 Cycle: TIMELY

	Nominated	Scheduled
ITS:	0	0
Secondary:	0	0
Back Haul:	0	0
Primary:	0	0
Total:	6,933	6,500

Rec Loc Prop Name	Rec Loc Prop	Del Loc Prop Name	Del Loc Prop	Nom Rank	Current Qty	P/L Schedule	Variance	Reason	Comment	PKG ID	Agent ID	Rate
XX\CIG (BLF) BLUE FOREST S	891645/(104)	PEPL\CIG (BKP) BAKER PEPL	800094/(286)	100	2,476	2,321	-155	PLM Pipeline			61000	
XX\CIG (BLF) BLUE FOREST S	891645/(104)	NNG\CIG (DUM) DUMAS STA	891129/(296)	50	3,457	3,241	-216	PLM Pipeline			61000	
XX\CIG (BLF) BLUE FOREST S	891645/(104)	NNG\CIG (DUM) DUMAS STA	891129/(296)	50	1,000	938	-62	PLM Pipeline			61000	
		Unutilized	Capacity		0	0	0					0

Grand Summaries

	6,933	6,500	(433)
--	-------	-------	-------

Scheduling Cut Que Detail Screen



Exercise #11

Exercise Scenario/Parameters:

- Retrieve and review scheduled volumes shipper report
 - Did any of your transactions get reduced? Yes or No (Circle one)
 - How much was your transaction reduced? _____
 - Identify any Reduction Reason Codes that actually caused a reduction:



DART Confirmations



Reviewing Confirmations

Confirmation [CIG]; 06/13/2014 02:14:49 Confirmation Details [CIG]; 06/13/2014 02:15:00

CONF REQ: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS CONF PTY: 61000 - TRNG-CHERRY NATURAL GAS

NAESB Request for Confirmation/Confirmation Response

Conf Req Prop: 15038 Conf Req Name: COLORADO INTERSTATE GAS CO. Conf Req: 006914865
 Conf Pty Prop: 61000 Conf Pty Name: TRNG-CHERRY NATURAL GAS Conf Pty: 006100000 Report Date/Time: 6/13/2014 2:16:16

Beg Date: 6/14/2014 Beg Time: End Date: 6/14/2014 End Time:
 Show Zeros Name
 Loc Prop: 800112 Loc Name: XX/XX BISON RETAINED Loc: 370686
 Prop ID ID
 Cycle: TIMELY

Grouping
 SvcReq
 SvcReq + Pkg ID
 Up/Dn Prop
 NAESB WGQ basic view

K Flo	Up/Dn Prop	Up/Dn Name	Up/Dn ID	Svc Req Prop	Svc Req Name	Svc Req ID	Pkg I	Previous Sched	Current Nom Qt	TSP Cnf/Sched Qty	TSP RR Code	Qty	RR (Operator)	Current Sched	Current RR Code	Status
R	61000	TRNG-CHERRY NATUR	6100000	64000	TRNG-BLUE SPRUCE G	0		0	5,000	5,000		4,000	CPR	4,000	CPR	C
R	61400	TRNG-SUGAR MAPLE	0	61400	TRNG-SUGAR MAPLE	0		0	20,000	20,000		19,000	CPR	19,000	CPR	C
R	61700	TRNG-PALM POWER C	0	61800	TRNG-CRAB TRANSP.	0		0	5,000	5,000		4,000	CPR	4,000	CPR	C
R	64000	TRNG-BLUE SPRUCE G	0	61300	TRNG-ASH TRANSP.	0		0	10,000	10,000		9,000	CPR	9,000	CPR	C
R	69000	TRNG-WHITE BIRCH	0	61000	TRNG-CHERRY NATUR	6100000		0	10,000	10,000		9,000	CPR	9,000	CPR	C
R	69000	TRNG-WHITE BIRCH	0	61300	TRNG-ASH TRANSP.	0		0	5,000	5,000		4,000	CPR	4,000	CPR	C
R	69000	TRNG-WHITE BIRCH	0	61400	TRNG-SUGAR MAPLE	0		0	2,500	2,500		1,500	CPR	1,500	CPR	C
R	69000	TRNG-WHITE BIRCH	0	61800	TRNG-CRAB TRANSP.	0		0	10,000	10,000		9,000	CPR	9,000	CPR	C
R	2227	CO. SPRINGS UTILITI	12771176	61000	TRNG-CHERRY NATUR	6100000		8,000	15,000	15,000		0	CPR	0	CPR	C
Rcpt - Dlvly NET:								8,000	82,500	82,500		59,500		59,500		



Scheduled Quantities - Operator

WNVL0007_RS

Preparer ID Prop: 15038

Preparer Name: COLORADO INTERSTATE GAS CO.

Preparer ID: 6914865

Statement Date/Time: 6/13/2014 2:29:50PM

Final Sched Qty Operator Detail TIME Cycle

NOTE: Scheduled Quantities are subject to change until the NAESB Scheduled Quantities deadline of each cycle. Fields with labels in red italics are ordered pursuant to NAESB 4.3.73

Recipient: 6100000

Level: OPR

Beg Date: 06/14/2014

End Date: 06/14/2014

Cycle: TIME

Recipient Name: TRNG-CHERRY NATURAL GAS

Loc Prop: 800112

Loc Name: XX/XX BISON RETAINED LIQUIDS PAYBAC

K Flo: R

Up ID	Prop Up Name	Up ID	Svc	Svc Req Name	Svc Req	Pkg ID	Prev Sched Qty	Current Nom Qty	T SP Cnf Sched Qty	T SP RR	Qty (Oper Conf)	<i>RR</i>	Qty (Final Sched)	Sched Stat	R Qty (Variance)
61000	TRNG-CHERRY Y NATURAL GAS	6100000	61000	TRNG-CHERRY NATURAL GAS	6100000		0	5,000	5,000	PRD	4,000		4,000	C	1,000
61000	TRNG-CHERRY Y NATURAL GAS	6100000	2227	CO. SPRINGS UTILITIES	127711760		10,000	15,000	15,000	PRD	0		0	C	15,000
61000	TRNG-CHERRY Y NATURAL GAS	6100000	64000	TRNG-BLUE SPRUCE GAS MARKET	0		0	10,000	10,000	PRD	9,000		9,000	C	1,000
61000	TRNG-CHERRY Y NATURAL GAS	6100000	61700	TRNG-PALM POWER CO.	0		0	5,000	5,000	PRD	4,000		4,000	C	1,000
61000	TRNG-CHERRY Y NATURAL GAS	6100000	61400	TRNG-SUGAR MAPLE GAS	0		0	20,000	20,000	PRD	19,000		19,000	C	1,000
61000	TRNG-CHERRY Y NATURAL GAS	6100000	69000	TRNG-WHITE BIRCH GAS PRODUCT	0		0	27,500	27,500	PRD	23,500		23,500	C	4,000
Total:							10,000	82,500	82,500		59,500		59,500		23,000

Scheduled Quantities - Shipper

WNVL0004_RS

Preparer ID Prop: 15038

Preparer Name: COLORADO INTERSTATE GAS CO.

Preparer ID: 6914865

Statement Date/Time: 06/13/2014 14:39:14

Final Scheduled Quantity Shipper/UDP Detail

Cycle: TIME

NOTE: Scheduled Quantities are subject to change until the NAE SB Scheduled Quantities deadline of each cycle. Fields with labels in red italics are ordered pursuant to NAE SB 4.3.73

Recipient: 6100000 Begin Date: 06/14/2014 End Date: 06/14/2014 Cycle: TIME

Recipient Name: TRNG-CHERRY NATURAL GAS Loc Prop: 800112

Upstream														
IT	Vol Type	<i>Svc Req K</i>	Loc Prop	Rec LocName	Up ID Prop (Offsys)	Up Name (Offsys)	Up ID (Offsys)	Customer Nom Qty	Rec Qty (Sched)	Rec Qty Stat	RR	Pkg ID	R Qty Rec (Variance)	Up Rank/Del Rank
118	Off-system Supply	0	0		2227	CO. SPRINGS UTILITIES	127711760	15,000	0	CNF	CPR		15,000	500
118	Off-system Supply	0	0		69000	TRNG-WHITE BIRCH GAS	0	10,000	9,000	CNF	CPR		1,000	10
Total :								25,000	9,000					

Downstream														
IT	Vol Type	<i>Svc Req K</i>	Loc Prop	Del LocName	Dn ID Prop (Offsys)	Dn Name (Offsys)	Dn ID (Offsys)	Customer Nom Qty	Del Qty (Sched)	Del Qty Stat	RR	Pkg ID	R Qty Del (Variance)	Dn Rank/Rec Rank
01	Transport (Current B)		800089	EPNG/CIG (BIG) BIG BLUE MC	0		0	15,000	2,425	CNF	PRR		12,575	500
01	SELL	0	0		64000	TRNG-BLUE SPRUCE GAS	0	2,000	2,000	CNF	CNM		0	10
01	SELL	0	0		61800	TRNG-CRAB TRANSP.	0	2,000	1,075	CNF	CNM		0	10
01	SELL	0	0		66000	TRNG-PINE TRANSPORTA	0	2,000	0	CNF	CNM		0	10
01	SELL	0	0		61300	TRNG-ASH TRANSP.	0	2,000	2,000	CNF	AOK		0	10
01	SELL	0	0		61400	TRNG-SUGAR MAPLE GAS	0	2,000	1,500	CNF	CNM		0	10
Total :								25,000	9,000					



Exercise #12

Exercise Scenario/Parameters:

- Review and interpret confirmed volumes reports
- This will be done through the instructor's GID and will be presumed to be after confirmations has closed and the pipeline system is balanced



DART Reporting



DART Tip

DART Reports:

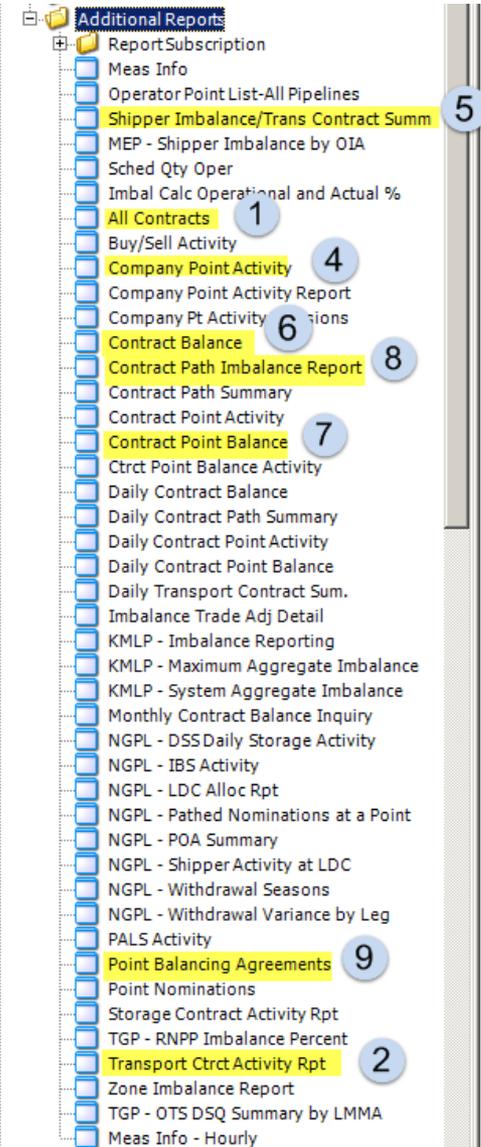
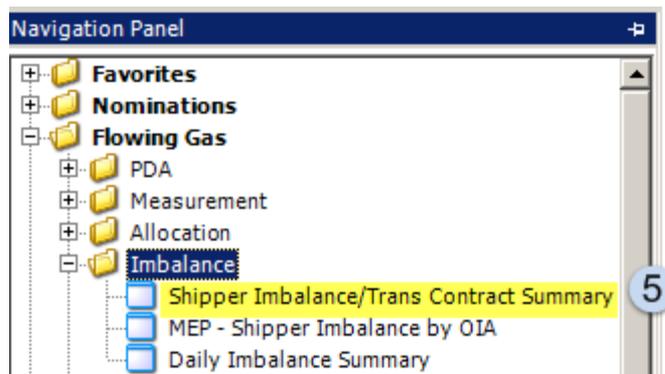
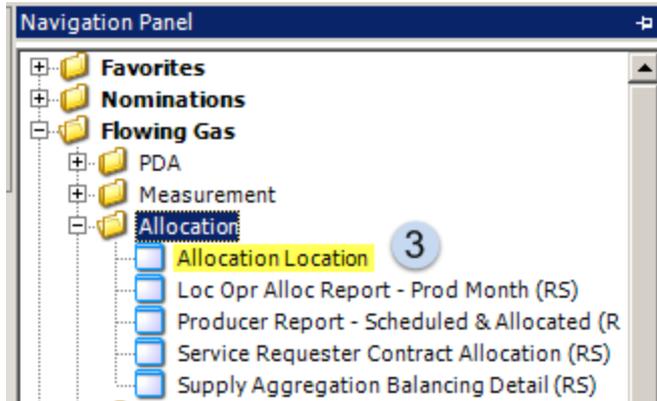
If pipeline initials precede a report title – that report is only used on that pipeline.

Reports excerpt from
DART Navigation Panel

- Imbalance Trade Adj Detail
- KMLP - Imbalance Reporting
- KMLP - Maximum Aggregate Imbalance
- KMLP - System Aggregate Imbalance
- Monthly Contract Balance Inquiry
- NGPL - DSS Daily Storage Activity
- NGPL - IBS Activity
- NGPL - LDC Alloc Rpt
- NGPL - Pathed Nominations at a Point
- NGPL - POA Summary
- NGPL - Shipper Activity at LDC
- NGPL - Withdrawal Seasons
- NGPL - Withdrawal Variance by Leg
- PALS Activity
- Point Balancing Agreements
- Point Nominations



Allocation-related Reports in DART



1 – All Contracts Report

All Contracts [CIG]; 05/19/2014 12:51:53
 TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Report Date: 5/19/2014 12:51:54 PM Flow Date: 5/ 1/2014 Thru 5/18/2014 Retrieve

Contract ID	Serv Type	Volume Type	Receipt Allocated Dth	Inj Ind	Adjustments (Fuel)	Delivery Allocated Dth	Wdl Ind	Transfers	Net Activity
			265,985		(2,059)	260,157			
▶ 210105-TF1CI	TF1	Transport (Curren	160,565		(1,243)	159,322		0	0
210219-FS1CI	FS1	STORAGE	0		0	0		0	0
210245-FS1CI	FS1	STORAGE	30,000	I	(231)	1,000	W	0	28,769
210263-TF1CI	TF1	Transport (Curren	18,750		(145)	18,605		0	0
210407-TF1CI	TF1	Transport (Curren	56,670		(440)	56,230		0	0
210558-ROLCL	ROL	BALANCE ROLLUP	0		0	25,000		0	(25,000)

Remember -- you must first select a record in the data grid on DART Report screens before right clicking for other available options

Right Click
Functionality



Retrieve

- WIVL2100 - Ctrct Point Balance Activity
- WIVL2040 - Contract Point Balance
- WIVL1050 - Contract Point Activity
- WIVL1181 - Shipper Imbalance/Trans Contract Summary
- WIVL6070 - PALS Activity

Print

Save As

Add to Favorites

Remove from Favorites



2 – Transport Contract Activity Report

Daily Transport Contract Sum. [CIG]: 05/22/2014 01:22:08 **Transport Ctrct Activity Rpt [CIG]: 05/22/2014 01:24:29**

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Report Date: 5/22/2014 1:24:43 PM

Flow Date: 5/ 1/2014 Thru: 5/21/2014 Views: Production Statement

Contract No: Or All Contracts

Contract ID	Type	Total Receipts	Total Adjustments	Total Deliveries	Current Imbalance
210105-TF1CIG	TFO	283,031	(2,191)	280,840	0

Point Name	Volume Type	Net Act	Nominated Dth	Scheduled Dth	Allocated Dth	Variance	Variance %	Adjustment (Fuel)
800089 EPNG/CIG (BIG) BIG BLUE MOORE	Transport (Curr)	DEL	19,808	19,808	19,808	0	0	0
800094 PEPL/CIG (BKP) BAKER PEPL TEXA	Transport (Curr)	DEL	67,176	67,176	67,176	0	0	0
800160 CSU/CIG (COS) CITY OF COLORAD	Transport (Curr)	DEL	992	992	992	0	0	0
800715 (TCS) STORAGE INJ/WTD	Transport (Curr)	DEL	90,000	90,000	90,000	0	0	(8)
800826 CIG/YGS (YCS) YOUNG GAS STOR	Transport (Curr)	DEL	992	992	992	0	0	0
891129 NNG/CIG (DUM) DUMAS STATION	Transport (Curr)	DEL	101,872	101,872	101,872	0	0	0
292036 CONOCOPH/CIG (LCK) LOST CREE	Transport (Curr)	REC	1,000	1,000	1,000	0	0	(8)
800229 WBI/CIG (ELK) ELK BASIN PARK	Transport (Curr)	REC	90,702	90,702	90,702	0	0	(702)
800235 WFS/CIG (ES2) ECHO SPRINGS CA	Transport (Curr)	REC	53,328	53,328	53,328	0	0	(416)
800715 (TCS) STORAGE INJ/WTD	Transport (Curr)	REC	1,000	1,000	1,000	0	0	(8)
891645 XX/CIG (BLF) BLUE FOREST SWEE	Transport (Curr)	REC	73,001	73,001	73,001	0	0	(561)
892265 ANAUINTA/CIG (ANA) ANABUTTES	Transport (Curr)	REC	64,000	64,000	64,000	0	0	(496)
NET:			2,191	2,191	2,191	0	0	(2,199)

Contract ID	Type	Total Receipts	Total Adjustments	Total Deliveries	Current Imbalance
210263-TF1CIG	TFO	30,000	(232)	29,768	0
210407-TF1CIG	TFO	90,672	(704)	89,968	0

Point Name	Volume Type	Net Act	Nominated Dth	Scheduled Dth	Allocated Dth	Variance	Variance %	Adjustment (Fuel)
800089 EPNG/CIG (BIG) BIG BLUE MOORE	Transport (Curr)	DEL	58,216	58,216	58,216	0	0	0
891129 NNG/CIG (DUM) DUMAS STATION	Transport (Curr)	DEL	31,752	31,752	31,752	0	0	0
800235 WFS/CIG (ES2) ECHO SPRINGS CA	Transport (Curr)	REC	26,672	26,672	26,672	0	0	(208)
891645 XX/CIG (BLF) BLUE FOREST SWEE	Transport (Curr)	REC	32,000	32,000	32,000	0	0	(248)
892265 ANAUINTA/CIG (ANA) ANABUTTES	Transport (Curr)	REC	32,000	32,000	32,000	0	0	(248)
NET:			704	704	704	0	0	(704)

Contract ID	Type	Total Receipts	Total Adjustments	Total Deliveries	Current Imbalance
210558-ROL CIG	PAL	0	0	40,000	(40,000)

Retrieve

- WIVL 1030 - Daily Contract Point Activity
- WIVL 1060 - Contract Path Summary
- WIVL 1110 - Buy/Sell Activity
- WIVL 1181 - Shipper Imbalance/Trans Contract Summary

Print

Save As

Add to Favorites

Remove from Favorites

Right Click
Functionality



3 – Allocation Location Report (Shipper)

Storage Information [CIG]; 05/19/2014 05:04:59 Allocation Location [CIG]; 05/19/2014 05:22:02 **Allocation Location [CIG]; 05/19/2014 05:22:03**

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Preparer ID Prop: 15038 Preparer Name: COLORADO INTERSTATE GAS CO. Preparer ID: 6914865
 Recipient Prop: 61000 Recipient Name: TRNG-CHERRY NATURAL GAS Recipient: 6100000
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 6100000
 Contact Name: Scheduling Hotline Contact Phone:

Statement Date Time: 5/19/2014 5:22:24 PM Acct Per: 5/2014 Beg Date: 5/1/2014 End Date: 5/18/2014

View Conf Pty View Svc Req Generate EDI Retrieve

Loc Prop	Loc Name	Loc	Sched Qty	Alloc Qty	Alloc MCF	Days Est	Alloc/Sched Var
292036	CONOCOPH/CIG (LCK) LOST CREEK CIG S		1,000	1,000	1,000	0	0
800089	EPNG/CIG (BIG) BIG BLUE MOORE	24900	36,385	36,385	36,385	0	0
800094	PEPL/CIG (BKP) BAKER PEPL TEXAS	48995	57,465	57,465	57,465	0	0
800160	CSU/CIG (COS) CITY OF COLORADO SPRI	41435	992	992	992	0	0
800229	WBI/CIG (ELK) ELK BASIN PARK		80,624	80,624	80,624	0	0
800229	WBI/CIG (ELK) ELK BASIN PARK		0	0	0	0	0
800235	WFS/CIG (ES2) ECHO SPRINGS CARBON	155870	0	0	0	0	0
800235	WFS/CIG (ES2) ECHO SPRINGS CARBON	155870	50,000	50,000	50,000	0	0
800715	(TCS) STORAGE INJ/WTD	221141	81,000	81,000	81,000	0	0
800826	CIG/YGS (YCS) YOUNG GAS STORAGE MOR	171518	992	992	992	0	0
891129	NNG/CIG (DUM) DUMAS STATION MOORE		83,515	83,515	83,515	0	0
891645	XX/CIG (BLF) BLUE FOREST SWEETWATER		0	0	0	0	0
891645	XX/CIG (BLF) BLUE FOREST SWEETWATER		0	0	0	0	0
891645	XX/CIG (BLF) BLUE FOREST SWEETWATER		0	0	0	0	0
891645	XX/CIG (BLF) BLUE FOREST SWEETWATER		93,751	93,751	93,751	0	0
891645	XX/CIG (BLF) BLUE FOREST SWEETWATER		0	0	0	0	0
891645	XX/CIG (BLF) BLUE FOREST SWEETWATER		0	0	0	0	0
891645	XX/CIG (BLF) BLUE FOREST SWEETWATER		0	0	0	0	0
892265	ANAUINTA/CIG (ANA) ANABUTTUS RECEIP		60,000	60,000	60,000	0	0

Right Click
Functionality

- Retrieve
- WAVL0002 - Allocation
- Print
- Save As
- Add to Favorites
- Remove from Favorites



3 – Allocation Location Report (Operator)

All Contracts [CIG]; 06/02/2014 11:25:10 Sched Qty Oper [CIG]; 06/02/2014 01:49:33 **Allocation Location [CIG]; 06/02/2014 01:59:27**

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Preparer ID Prop: 15038 Preparer Name: COLORADO INTERSTATE GAS CO. Preparer ID: 6914865
Recipient Prop: 61000 Recipient Name: TRNG-CHERRY NATURAL GAS Recipient: 6100000
Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 6100000
Contact Name: Scheduling Hotline Contact Phone:

Statement Date Time: 6/2/2014 1:59:59 PM Acct Per: 5/2014 Beg Date: 6/1/2014 End Date: 5/31/2014

View Conf Pty View Svc Req

Loc Prop	Loc Name	Loc	Sched Qty	Alloc Qty	Alloc MCF	Days Est	Alloc/Sched Var
891645	XX/CIG (BLF) BLUE FOREST SWEETWATER		103,500	103,500	101,133	0	0

Right Click
Functionality



- Retrieve
- WAVL0002 - Allocation**
- Print
- Save As

- Add to Favorites
- Remove from Favorites



4 – Company Point Activity Report

Daily Imbalance Summary [CIG]; 05/20/2014 01:13:39

Shipper Imbalance/Trans Contract Summary [CIG]; 05/20/2014 03:58:09

Company Point Activity [CIG]; 05/20/201

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Report Date: 5/20/2014 4:04:17 PM

Flow Date: 5/1/2014 Thru 5/19/2014

Retrieve

Location ID	Location Name	Sys Id	Agent Id	Agent Name	Role	Scheduled Dth	Allocated Dth	Allocated MCF	Days Est	Variance Dth
292036	CONOCOPH/CIG (LCK) LOST CREEK CIG	0	61000	TRNG-CHERRY NAT	SHP/BRK/PRD	1,000	1,000	1,000	0	0
800089	EPNG/CIG (BIG) BIG BLUE MOORE	0	61000	TRNG-CHERRY NAT	SHP/BRK/PRD	43,662	43,662	43,662	0	0
800094	PEPL/CIG (BKP) BAKER PEPL TEXAS	0	61000	TRNG-CHERRY NAT	SHP/BRK/PRD	68,958	68,958	68,958	0	0
800160	CSU/CIG (COS) CITY OF COLORADO SPRI	0	61000	TRNG-CHERRY NAT	SHP/BRK/PRD	992	992	992	0	0
800229	WBI/CIG (ELK) ELK BASIN PARK	0	61000	TRNG-CHERRY NAT	SHP/BRK/PRD	90,702	90,702	90,702	0	0
800235	WFS/CIG (ES2) ECHO SPRINGS CARBON	0	61000	TRNG-CHERRY NAT	SHP/BRK/PRD	60,000	60,000	60,000	0	0
800715	(TCS) STORAGE INJ/WTD	0	61000	TRNG-CHERRY NAT	SHP/BRK/PRD	91,000	91,000	91,000	0	0
800826	CIG/YGS (YCS) YOUNG GAS STORAGE M	0	61000	TRNG-CHERRY NAT	SHP/BRK/PRD	992	992	992	0	0
891129	NNG/CIG (DUM) DUMAS STATION MOOR	0	61000	TRNG-CHERRY NAT	SHP/BRK/PRD	100,218	100,218	100,218	0	0
891645	XX/CIG (BLF) BLUE FOREST SWEETWATE	0	61000	TRNG-CHERRY NAT	SCHD/ALLOC	4,000	4,000	4,000	0	0
891645	XX/CIG (BLF) BLUE FOREST SWEETWATE	0	61000	TRNG-CHERRY NAT	SHP/BRK/PRD	107,501	107,501	107,501	0	0
892265	ANAUINTA/CIG (ANA) ANABUTTES RECEI	0	61000	TRNG-CHERRY NAT	SHP/BRK/PRD	72,000	72,000	72,000	0	0

Right Click
Functionality



Retrieve
WIVL1110 - Buy/Sell Activity
WIVL3020 - Meas Info
Print
Save As
Add to Favorites
Remove from Favorites



5 – Shipper Imbalance/Transport Contract Summary

Shipper Imbalance/Trans Contract Summary [CIG]; 05/19/2014 05:56:26

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

TSP Prop:	15038	TSP Name:	COLORADO INTERSTATE GAS CO.	TSP:	
Recipient Prop:	61000	Recipient Name:	TRNG-CHERRY NATURAL GAS	Recipient:	6100000
Svc Req Prop:	61000	Svc Req Name:	TRNG-CHERRY NATURAL GAS	Svc Req:	6100000
Contact Name:	Scheduling Hotline	Contact Phone:			

Statement Date/Time: 5/19/2014 5:56:27 PM Acct Per: 5/2014 Beg Date: 5/ 1/2014 End: 5/18/2014

Contracts: Cashout Non-Cashout Both

Views: Production Statement

Trades Exist: No

NOTE: Positive Values - Pipeline owes Shipper; Negative Values - Shipper owes Pipeline

[Retrieve](#)

Contract	Service Type	TT	Description	Beginning Balance	Alloc Rec QTY	Fuel Qty	Alloc Del Qty	End Imb Qty	Prior Period Adjustment
				0	286,375	(2,218)	284,157	0	
▶ 210105-TF1CIG	TF1	01	Transport (Curren	0	210,955	(1,633)	209,322	0	NO
210263-TF1CIG	TF1	01	Transport (Curren	0	18,750	(145)	18,605	0	NO
210407-TF1CIG	TF1	01	Transport (Curren	0	56,670	(440)	56,230	0	NO

Right Click
Functionality 

Retrieve

- WIVL 1020 - Daily Transport Contract Sum.
- WIVL 1183 - Transport Imbalance Extended Payback
- WOIA0100 - MEP - Shipper Imbalance by OIA
- WIVL 1050 - Contract Point Activity
- WIVL 1182 - Shipper Imbalance Matrix
- WIVL 7090 - Prior Period Adjustment

Print

Save As

Add to Favorites

Remove from Favorites



6 – Contract Balance

All Contracts [CIG]; 06/02/2014 11:25:10 Shipper Imbalance/Trans Contract Summary [CIG]; 06/02/2014 11:26:14 **Contract Balance [CIG]; 06/02/2014 11:30:37**

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Report Date: 6/2/2014 11:30:37 AM Flow Date: 5/1/2014 Thru 5/31/2014

Type: IBS PAL/SPA Storage LPS APAL

View: Prod Stmt

Print Retrieve

Contract ID	Ctrct Type	Srvc Type	Beginning Balance	Injections Dth	Adjust (Fuel)	Withdrawals Dth	Current Month Bal	Transfers	Ending Balance
			0	0	0	90,000	(90,000)	0	(90,000)
▶ 210558-ROL CIG	PAL	ROL	0	0	0	90,000	(90,000)	0	(90,000)

Contract Balance [CIG]; 05/22/2014 11:33:23

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Report Date: 5/22/2014 11:33:23 AM Statement Date: 5/1/2014

Type: IBS PAL/SPA Storage LPS APAL

View: Prod Stmt

Print Retrieve

Gas Flow for the Statement Month

Contract ID	Ctrct Type	Srvc Type	Beginning Balance	Park or LN PB Dth	Adjust (Fuel)	Loan or PK PB Dth	Current Month	Transfers	Prior Period Adjustments	Prior Period Transfers	Extended Payback	Adjusted Imbalance	Netting	Cash Out Quantity	Ending Balance
			0	0	0	90,000	(90,000)	0	0	0	0	0	0	0	(90,000)
▶ 210558-ROL CI	PAL	ROL	0	0	0	90,000	(90,000)	0	0	0	0	0	0	0	(90,000)



7 – Contract Point Balance

Batch Locations [CIG]; 05/22/2014 12:00:48 Contract Path Imbalance Report [CIG]; 05/22/2014 12:01:53 **Contract Point Balance [CIG]; 05/22/2014 12:14:53** All Contracts [CIG]; 05/22/2014 12:16:36

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Report Date: 5/22/2014 12:14:53 PM Prod Date: 5/1/2014 Thru 5/23/2014

Contract Id: 210558-ROLCIG Views: Production Statement

Contract Type: PAL Service: ROL Retrieve

Effective Start Date	Effective End Date	MAQ R/O
05/01/2014	05/31/2014	0

Beginning Balance	Park or LN PB Dth	Adjust (Fuel)	Loan or PK PB Dth	Days Est	Current Month Bal	Transfers	Ending Balance
0	0	0	50,000		(50,000)	0	(50,000)

PI Ln Name: CIG MAINLINE NW OF

Beginning Balance	Park or LN PB Dth	Adjust (Fuel)	Loan or PK PB Dth	Days Est	Current Month Bal	Transfers	Ending Balance
0	0	0	50,000	8	(50,000)	0	(50,000)
Point: 891645 XX/CIG (BLF) BLUE FOREST SWEETWATER							
Summaries for groupby: CIG MAINLINE NW OF WATKINS							
0	0	0	50,000		(50,000)	0	(50,000)

Retrieve

- WIVL6030 - Storage Contract Activity Rpt
- WIVL2030 - Daily Contract Balance
- WIVL2050 - Daily Contract Point Balance
- WIVL2100 - Ctrct Point Balance Activity
- WIVL2050K - Daily Contract Point Balance-KMIGT
- WIVL2020 - Prior Period Adjustment Detail

Print

Save As

Add to Favorites

Remove from Favorites



Right Click
Functionality



8 – Contract Path Imbalance Report

Date:
6/2/2014

CIG
CONTRACT IMBALANCE BY PATH
61000 TRNG-CHERRY NATURAL GAS
Nominated Volumes from 5/1/2014 thru 5/20/2014

Page 3 of 3
WIVL6040

Contract: 210105-TF1CIG

														Total			
891645 / 891129				892265 / 800094				892265 / 891129									
XX/CIG (BLF)BLUE FOREST SWEETW				ANAUINTA/CIG (ANA)ANABUTTES RE				ANAUINTA/CIG (ANA)ANABUTTES RE									
NNG/CIG (DUM)DUMAS STATION MO(				PEPL/CIG (BKP)BAKER PEPL TEXAS				NNG/CIG (DUM)DUMAS STATION MO(
Day	Rcpt	Fuel	Dlvy	Imbal	Rcpt	Fuel	Dlvy	Imbal	Rcpt	Fuel	Dlvy	Imbal	Rcpt	Fuel	Dlvy	Imbal	
1	0	0	0	0	0	0	0	0	0	0	0	0	35079	271	34808	0	
2	0	0	0	0	0	0	0	0	0	0	0	0	2000	16	1984	0	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	10078	78	10000	0	
7	0	0	0	0	0	0	0	0	0	0	0	0	10078	78	10000	0	
8	0	0	0	0	0	0	0	0	0	0	0	0	10078	78	10000	0	
9	0	0	0	0	0	0	0	0	0	0	0	0	10078	78	10000	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	10078	78	10000	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	10078	78	10000	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	10078	78	10000	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	10078	78	10000	0	
14	6000	46	5954	0	4500	35	4465	0	3500	27	3473	0	20666	160	20506	0	
15	6000	46	5954	0	4500	35	4465	0	3500	27	3473	0	20666	160	20506	0	
16	6000	46	5954	0	4500	35	4465	0	3500	27	3473	0	20666	160	20506	0	
17	6000	46	5954	0	4500	35	4465	0	3500	27	3473	0	20666	160	20506	0	
18	6000	46	5954	0	4500	35	4465	0	3500	27	3473	0	20666	160	20506	0	
19	6000	46	5954	0	4500	35	4465	0	3500	27	3473	0	20666	160	20506	0	
20	6000	46	5954	0	4500	35	4465	0	3500	27	3473	0	20666	160	20506	0	
	42000	322	41678	0	31500	245	31255	0	24500	189	24311	0	262365	2031	260334	0	

Legend: -Imbal = short to P/L
+ Imbal = long to P/L



9 – Point Balancing Agreements

Point Path Unba Sche **Poin**

Pipeline: 19 - TRANSCOLORADO GAS TRANS CO LLC Company: EL PASO NATURAL GAS CO. LLC Duns: 8001703

Customer: 1279 EL PASO NATURAL GAS CO. LLC

Flow Date: 5/ 1/2014 Thru 5/31/2014

Imbalance for: Customer Production Statement View OTS

Positive Values - Pipeline owes Shipper
Negative Values () - Shipper owes Pipeline

Retrieve Print/Expo Clear

Co ID	Company Name	Contract	Contrac Service Type	Beginning Balance	Receipt Allocated Dth	Delivery Allocated Dth	Net Activity Dth	Ending Balance	Cash Out Activity	Ending Balance After Cashout
1279	EL PASO NATURAL GAS CO. LL	14581	OPR	69,180	108,040	123,355	(15,315)	53,865	0	53,865

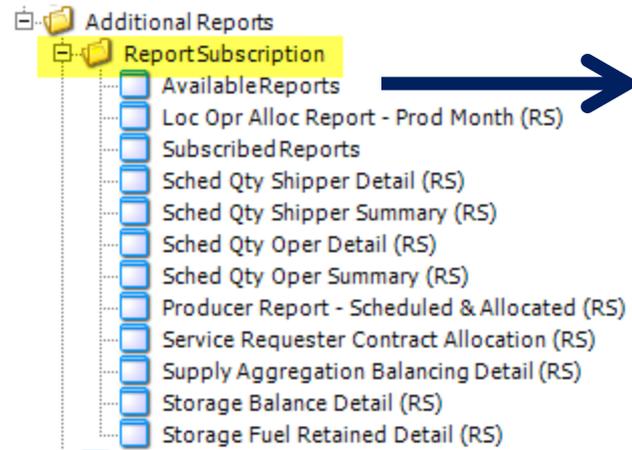
Right Click
Functionality



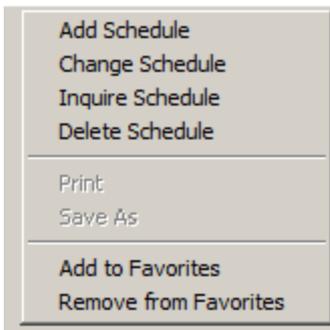
- Add item
- Change item
- Delete item
- Inquire on item
- WIVL1151 - Daily Bal Contract Summary
- WIVL1220 - Details by Contract
- WIVL1230 - Details by Point
- WIVL1142 - Monthly OBA Statement
- Print
- Save As
- Add to Favorites
- Remove from Favorites



Report Subscription



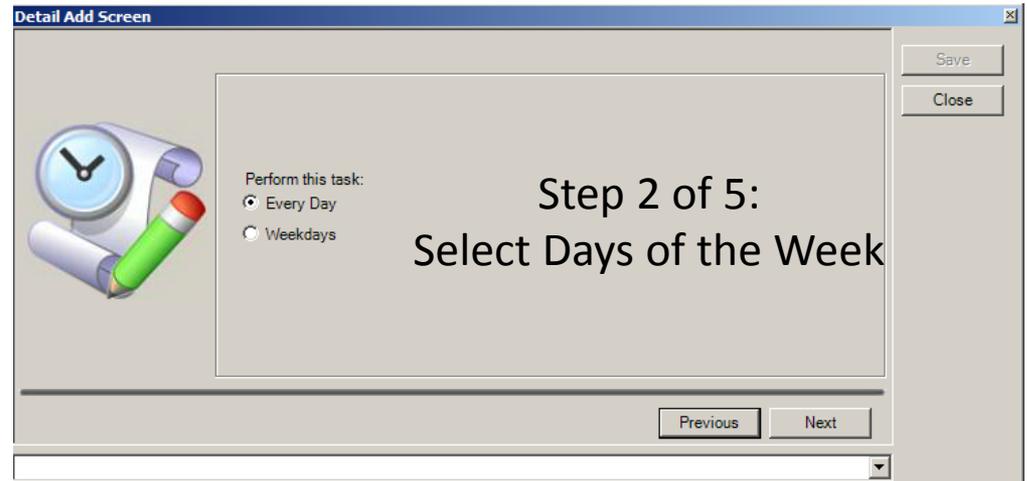
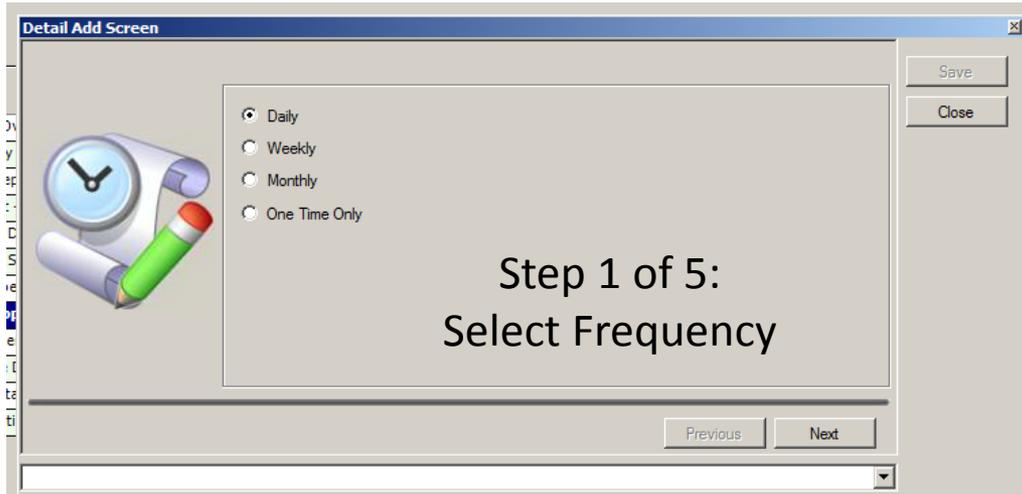
Screen ID	Name	Description
WSVL0342_RS	Interruptible & Overrun Daily Report	Interruptible & Overrun Daily Report
WSVL0341_RS	IT/AO Volume by Shipper Report	IT/AO Volume by Shipper Report
WIVL9000_RS	Loc Opr Alloc Report - Prod Month (RS)	Loc Opr Alloc Report - Prod Month (RS)
WIVL9010_RS	Producer Report - Scheduled & Allocated (RS)	Producer Report - Scheduled & Allocated (RS)
WNVL0007_RS	Sched Qty Oper Detail (RS)	Sched Qty Operator Detail
WNVL0006_RS	Sched Qty Oper Summary (RS)	Sched Qty Operator Summary
WNVL0004_RS	Sched Qty Shipper Detail (RS)	Sched Qty Shipper Detail
WNVL0003_RS	Sched Qty Shipper Summary (RS)	Sched Qty Shipper Summary
WIVL9005_RS	Service Requester Contract Allocation (RS)	Service Requester Contract Allocation (RS)
WVRVC1261_RS	Storage Balance Detail (RS)	Storage Balance Detail (RS)
WVRVC1255_RS	Storage Fuel Retained Detail (RS)	Storage Fuel Retained Detail(RS)
WIVL9015_RS	Supply Aggregation Balancing Detail (RS)	Supply Aggregation Balancing Detail (RS)



- 1) Red-highlighted reports are currently subscribed
- 2) Select a new report and right click for more options
- 3) Select "Add Schedule" from pop up window



Report Subscription



Report Subscription

Detail Add Screen

Select Report Parameters



Recipient Prop:

Svc Req:

Flow Date: [Clear](#)

Cycle:

Save

Close

Previous Next

Step 3 of 5:
Select Service Requester
and Cycle. Press "Clear"
next to Flow Date

Detail Add Screen

Requestor Information



Name:

Email:

(Separate By Semi colon)

Message:

File Addon:

Save

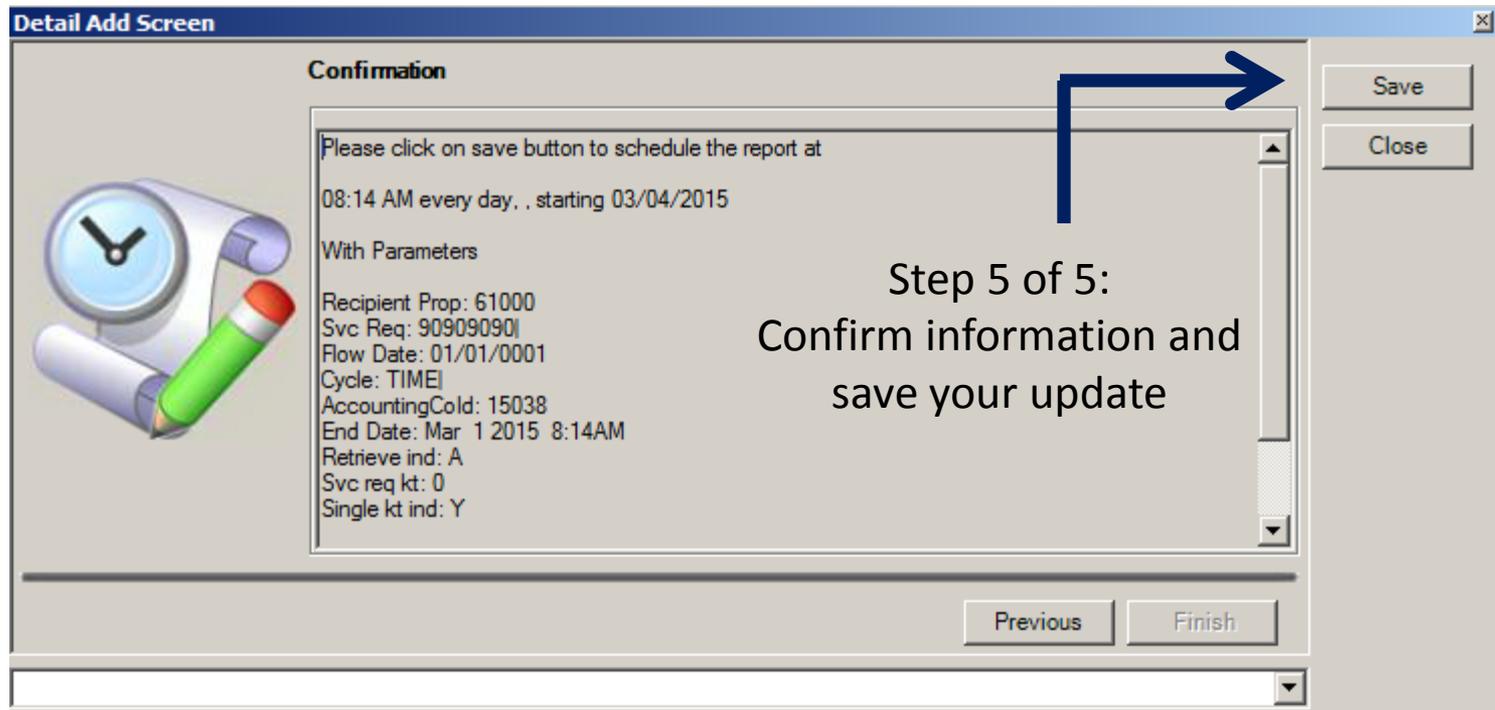
Close

Previous Next

Step 4 of 5:
Provide Contact
Information



Report Subscription



Exercise #13

Exercise Scenario/Parameters:

- Subscribe to at least 1 report from the Report Subscription menu of reports
 - Go through the 5 steps we just went over and set your report parameters as you deem appropriate



Using Ranks in DART

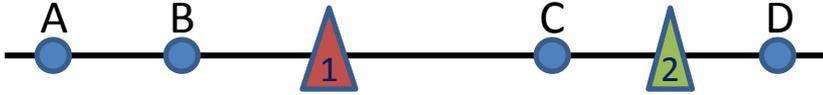


Using Ranks in DART

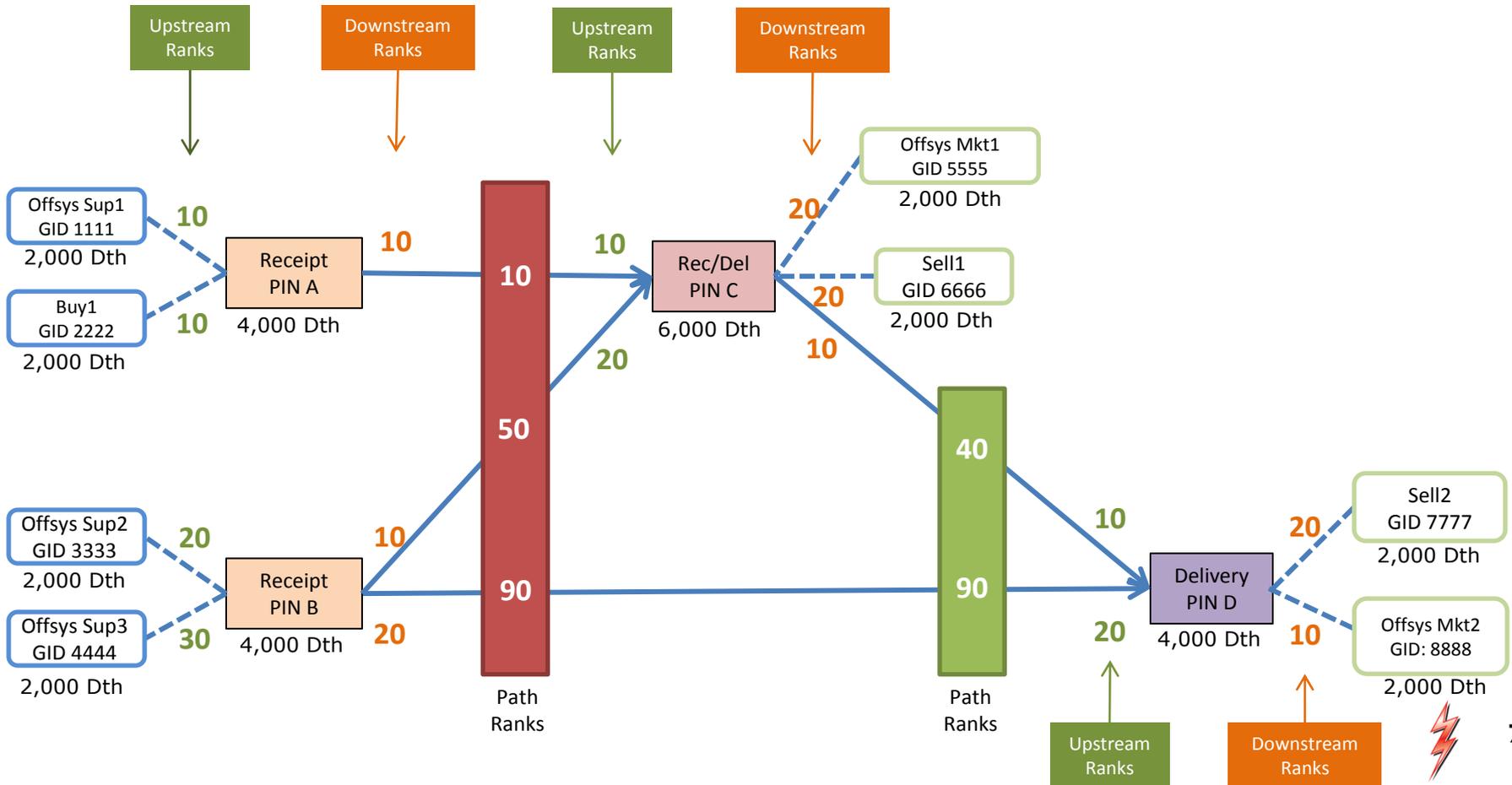
- Up to five ranks in a pathed transaction
 - Upstream and Downstream ranks at the Receipt PIN
 - Upstream and Downstream ranks at the Delivery PIN
 - Ranks placed on the paths
 - Used in pipeline segment scheduling only
- A rank can be anywhere from 1 (highest priority) to 999 (lowest priority)
- DART's default rank is 500



Ranks Example



△ = Pipeline Segment Constraint



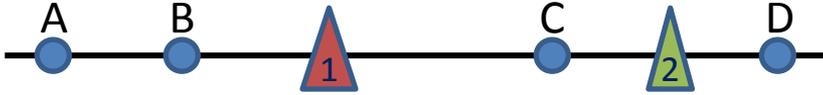
Exercise #14

Exercise Scenario/Parameters:

- Analyzing rank use in DART
 - Exercise Assumptions:
 - Fuel will be ignored in our exercise
 - All transaction line items equal 1,000 Dth received/1,000 Dth delivered
 - Exercise A:
 - Pipeline segment constraint #1 is reduced by 1,000 dth
 - » Identify the PIN(s) and corresponding Up/Downstream item(s) that would get reduced as a result of the pipeline segment reduction

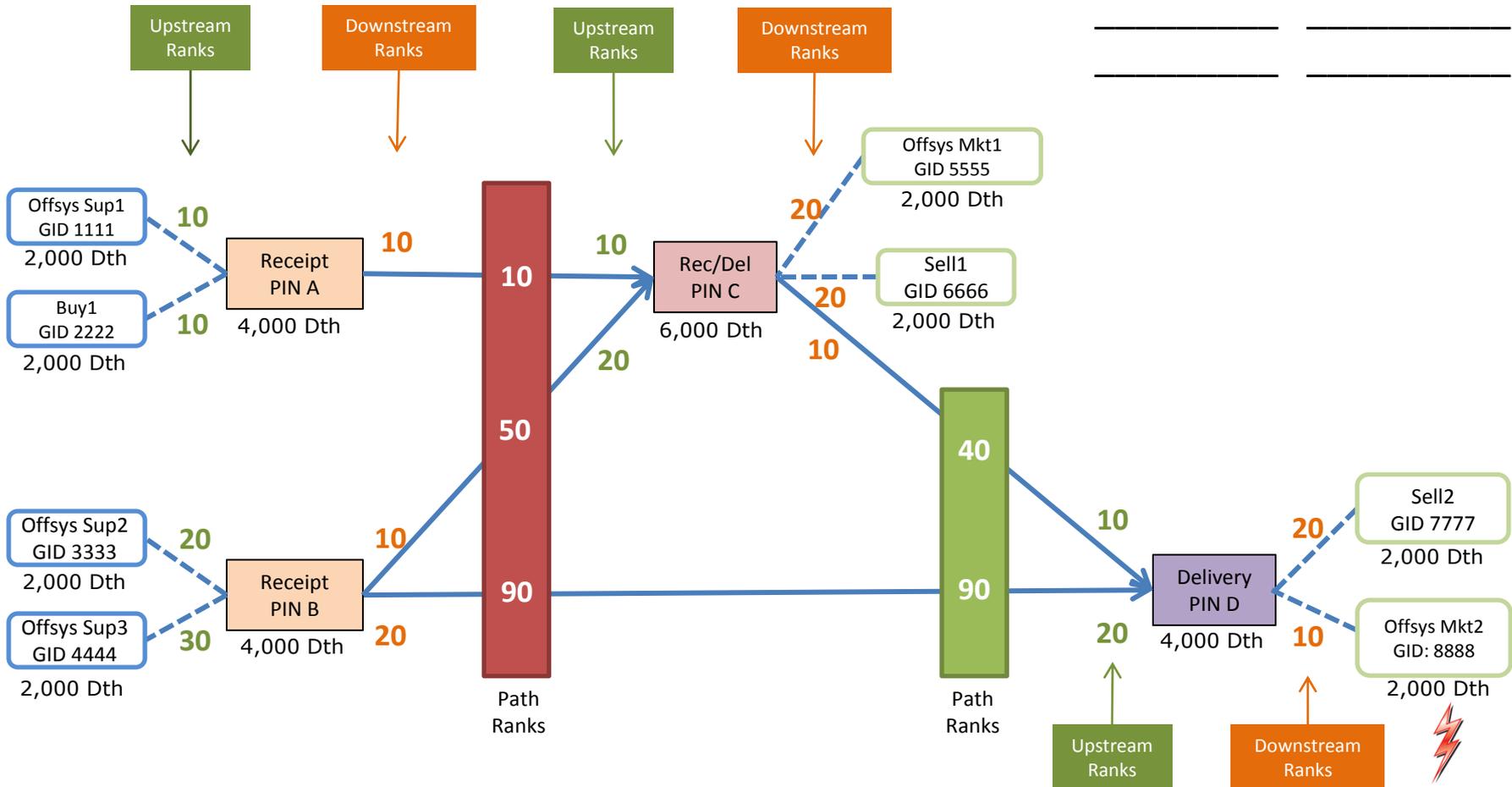


Exercise 14a



△ = Pipeline Segment Constraint

PINs	Line Items
_____	_____
_____	_____
_____	_____
_____	_____



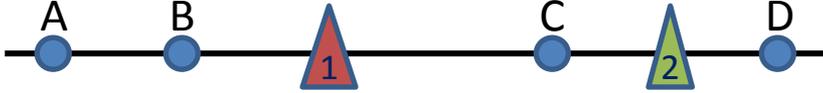
Exercise #14 (continued)

✍ Exercise Scenario/Parameters:

- Analyzing rank use in DART
 - Exercise Assumptions:
 - Fuel will be ignored in our exercise
 - All transaction line items equal 1,000 Dth received/1,000 Dth delivered
 - Exercise B:
 - At Receipt PIN “A”, Offsys Supply 1 is under confirmed by the operator by 1,000 Dth
 - Identify the PIN(s) and corresponding up/downstream item(s) that would get reduced as a result of the operator under confirmation

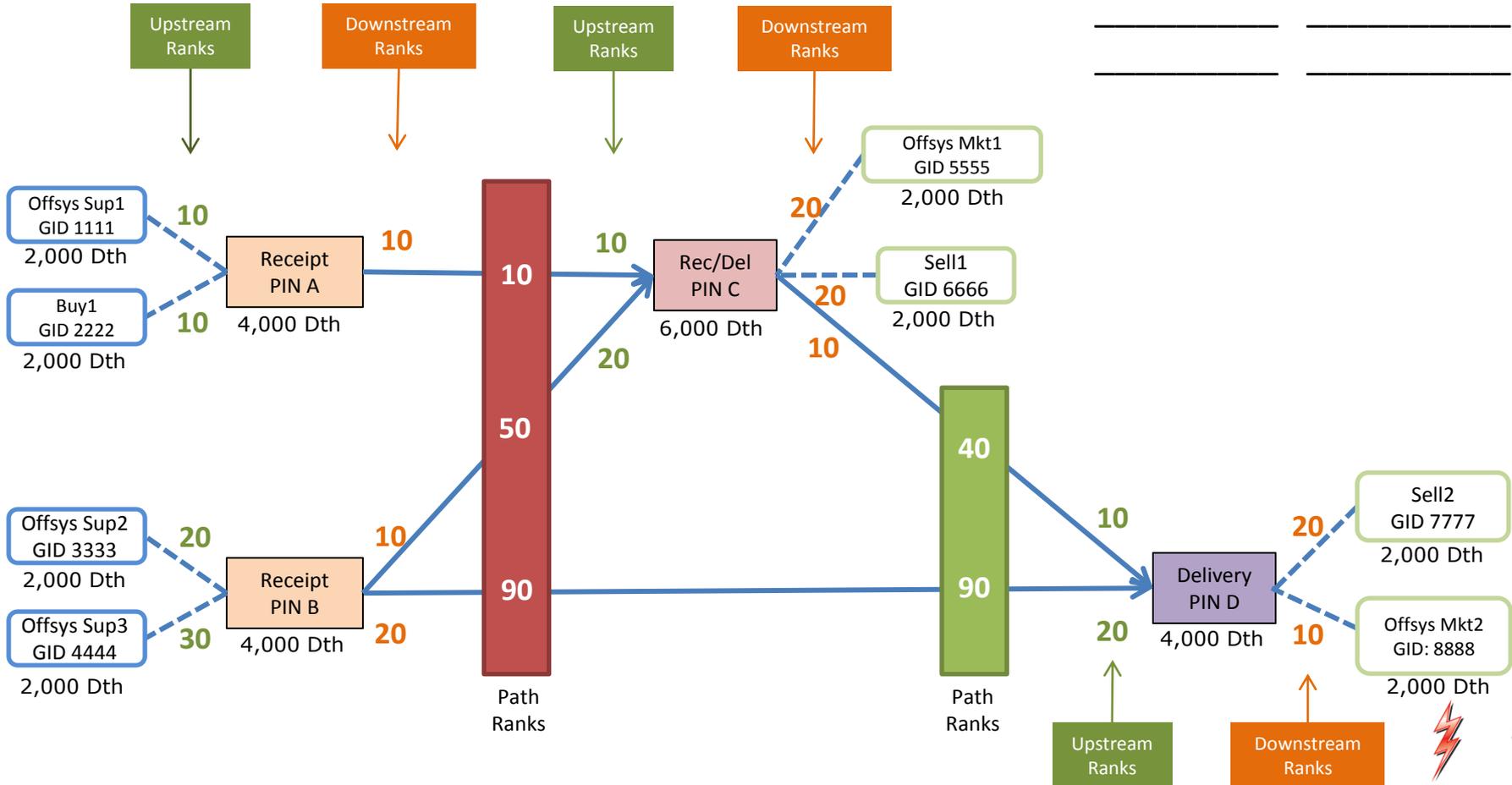


Ranks Example



△ = Pipeline Segment Constraint

PINs	Line Items
_____	_____
_____	_____
_____	_____
_____	_____



Nominations Download and Upload



Download/Upload Nominations

Contracts [CIG] Batch List [CIG] Focal Pin Volu **Batch Locati**

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Batch Detail

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 6914865

Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 6100000

Report Date/Time: 6/9/2014 9:53:25 Beg Date : 6/8/2014 9:00AM End Date : 6/15/2014 9:00AM Ranking

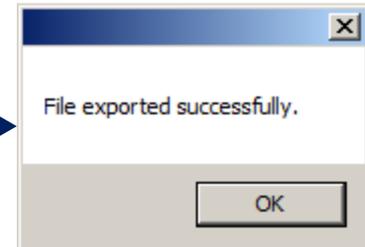
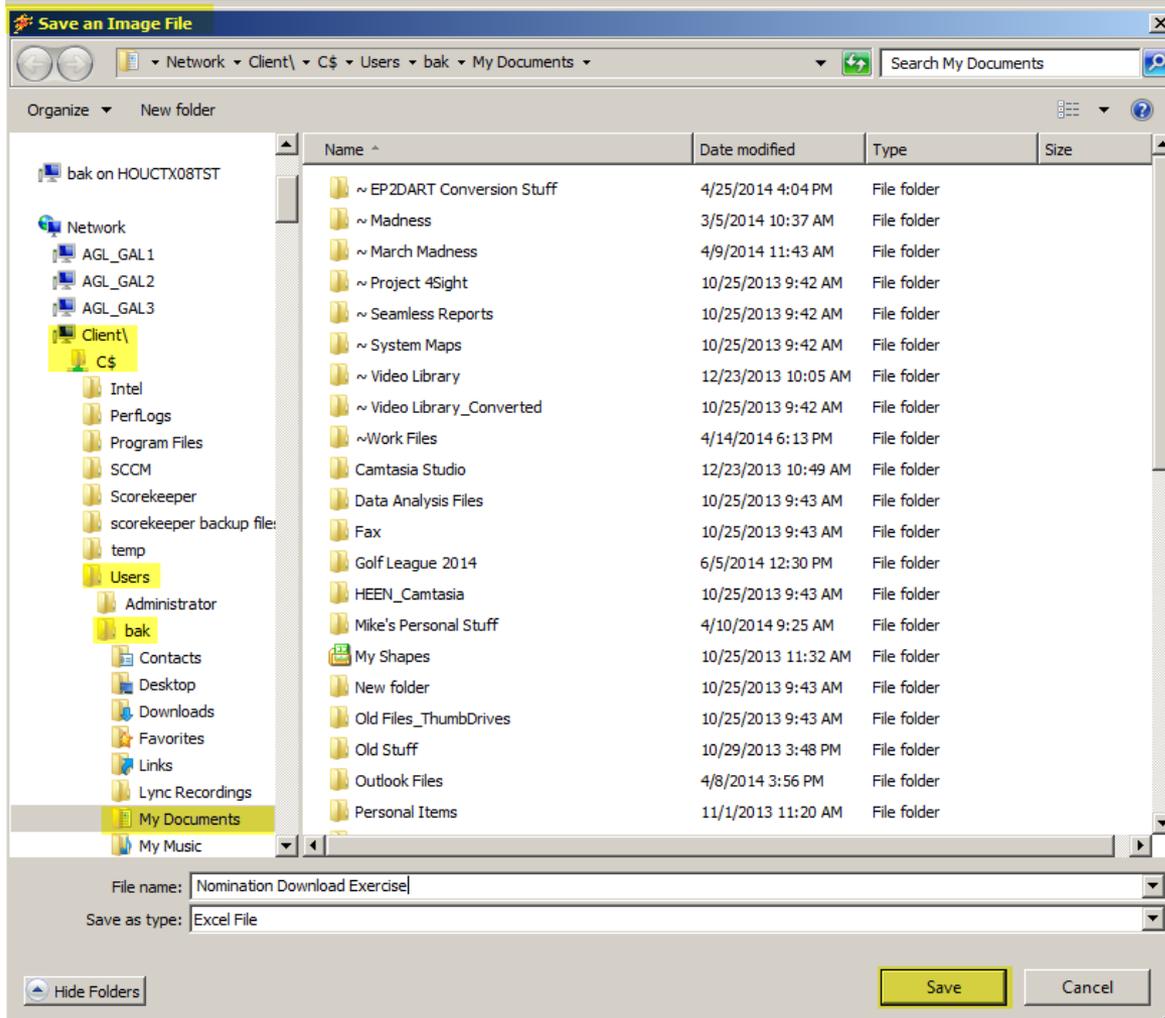
Batch Id : 1067750069 Cycle: TIMELY Status : Draft View Zone

Batch Locations

Loc Prop	Loc Name	Loc	Nominated Qty	Loc Variance	Change IND (Y/N)	Status Qty/Pda/Rank	PDA Ovr?
800094	PEPL/CIG (BKP) BAKER PEPL TEXAS	48995	2,476	0	N	//	
Rcpt Zone : 01		Dlvy Zone : 01					
891129	NNG/CIG (DUM) DUMAS STATION M		4,457	0	N	//	
Rcpt Zone : 01		Dlvy Zone : 01					
891645	XX/CIG (BLF) BLUE FOREST SWEETW		11,500	0	Y	//	
Rcpt Zone : 01		Dlvy Zone : 01					



Saving Your Downloaded Nominations File



Nominations Download File

Excel File w/3 Tabs

- 1) Supply Tab
- 2) Market Tab
- 3) Contract Paths

F27 fx

	A	B	C	D	E	F	G	H
1	Rec Loc Prop	TT	Svc Req K	Up ID Prop	Up ID	Rec Qty (Gross)	Up Rank/Del Rank	Pkg ID
2	891645	1	0	61100	0	3000	200	
3	891645	118	0	61700	0	5000	10	
4	891645	1	0	64000	0	1000	100	
5	891645	1	0	66000	0	500	500	
6								
47								

Supply Market Contract Paths

A1 fx Del Loc Prop

	A	B	C	D	E	F	G	H
1	Del Loc Prop	TT	Svc Req K	Dn Id Prop	Dn ID	Del Qty (Net)	Dn Rank/Rec Rank	Pkg ID
2	800094	117	0	61800	0	2476	500	
3	891129	117	0	61800	0	4457	500	
4	891645	1	0	61800	0	3500	10	
5	891645	1	0	67000	0	1000	200	
47								

Supply Market Contract Paths

A1 fx Svc Req K

	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	210105-TF1CIG	1	800229	1	0	800715	1	0	500	
3	210105-TF1CIG	3	892265	500	2500	891645	500	2500	500	
4	210520-TF1CIG	1	891645	100	2500	800094	500	2476	500	
5	210520-TF1CIG	1	891645	50	4500	891129	500	4457	500	
6										
47										

Supply Market Contract Paths

Uploading Nominations

Step 1

Create a new
Batch File
And save it

Step 2



Nominations Uploading (continued)

Contracts [CIG] Batch List [CIG] Focal Pin Volu **Batch Locati**

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Batch Detail

Nom Matrix Nom Batch Report New Location Batch List Copy Noms

Step 3 Upload Validate Submit Save SaveAs Print

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 6914865 Retrieve Download

Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 6100000

Report Da

Batch Id :

Batch Lc

Loc P

PDA Ovr?

Step 4

Please Select a File

Network Client\ C\$ Users bak My Documents Search My Documents

Name	Date modified	Type	Size
AGL_GAL1			
AGL_GAL2			
AGL_GAL3			
Client\			
C\$			
Intel			
PerfLogs			
Program Files			
SCCM			
Scorekeeper			
scorekeeper ba			
temp			
Users			
Windows			
E\$			
M\$			
N\$			
P\$			
Q\$			
R\$			
S\$			
T\$			
U\$			
W\$			
Y\$			
CLUSTER_GAL1			
CLUSTER_GAL2			
Nominations Upload Exercise_CIG	6/9/2014 10:46 AM	Microsoft Excel Wor...	24 KB

File name:

Open Cancel



Nominations Uploading (continued)

Contracts [CIG] Batch List [CIG] Focal Pin Volu **Batch Locati**

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Batch Detail

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

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 6914865 Retrieve Download
Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 6100000

Report Date/Time: 6/9/2014 11:14:09 Beg Date : 6/10/2014 9:00AM End Date : 6/15/2014 9:00AM Ranking
Batch Id : 798980384 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 Ovr?
----------	----------	-----	---------------	--------------	------------------	---------------------	----------

System has finished uploading the selected file.

OK

Step 5 Finished

WWVL1010 Row count: 0 #67 - No errors found on current tab. Check other tabs for errors.



Exercise #15

Exercise Scenario/Parameters:

- Download nominations
 - Using one of your batch files you have created today:
 - Navigate to the Batch Detail window
 - Click on the “Download” button to download that set of nominations
 - Follow the file save instructions provided earlier in class to save your downloaded files



Exercise #15 (continued)

Exercise Scenario/Parameters:

- Upload nominations
 - Using the nomination file you just downloaded:
 - Copy the downloaded file to a new file name (this will become your nominations upload file)
 - Make some changes (volumes, package ID, etc...) to the newly created nominations upload file
 - Create a new Batch File, with a begin date and an end date at the end of the month and save the batch file
 - When the feedback window pop ups up, select “Upload Nominations” button
 - Follow the 5 steps we just covered to uploading nominations



Workshop Training Objectives

After completing this training workshop, in DART you should be able to:

- 1) Set Favorites; Business and Individual Preferences; and Identify Open DART Screens
- 2) Create Batch files
- 3) Identify and match counterparty nomination information
- 4) Enter basic nominations using DART's Nomination Matrix
- 5) Copy nominations from one Batch file into a new Batch file
- 6) Review and interpret Scheduling and Confirmation Reports
- 7) Apply Ranks to your nominations
- 8) Sign up to automatically receive reports through Report Subscription





Questions?





Contact us at:

Email: DARTConversionWest@KinderMorgan.com



Appendix A Volume Type Codes



Common Volume Types for West Region KM Pipelines

A	B	C	D	E	F
Volume Code	Most Common Volume Types On West Region KM Pipes	Volume Type Purpose	Detail Information Needed On The Transaction Line		
			Up/Down Party GID	Transport Contract	Up/Down K
01	Buy (Current Business)	Allows the Ability to Buy Gas from another West Region KM Pipeline Shipper at a Physical Focal Pin Without Using a Transportation Contract	Y	N	N
01	Sell (Current Business)	Allows the Ability to Sell Gas to Another West Region KM Pipeline Shipper at a Physical West Region KM Focal Pin Without Using a Transportation	Y	N	N
118	Off-System Supply	Used to Indicate the Intent to Bring Gas Onto a West Region KM Pipeline at a Focal Pin	Y	N	Y
117	Off-System Market	Used to Indicate the Intent to Take Gas Off of a West Region KM Pipeline at a Focal Pin	Y	N	Y
01	Transport (Current Business)	Used to Indicate Intent to Transport from One Focal Pin to Another	N	Y	N
26	Park	Used to Indicate Intent to Park Gas Onto a TSP	N	Y	N
28	Loan	Used to Indicate Intent to Loan Gas From a TSP	N	Y	N
03	Payback (Imbalance Payback from TSP)	Used at a Focal Pin to Payback an Imbalance Off of a TSP	Y	Y	N
04	Payback (Imbalance Payback to TSP)	Used at a Focal Pin to Payback an Imbalance Onto a TSP	Y	Y	N
08	Pooling	Used to Indicate Intent to Aggregate Supply Using a Headstation Pooling Agreement	N	Y	N
132	Wheeling	CIG Hub Service Volume Type - For Use in Place of a Transport (01) Volume Type for Hub Service	N	Y	N
06	Injection (Storage Injection)	Used to Indicate Intent to Inject into Storage on CIG or High Plains	N	Y	N
07	Withdrawal (Storage Withdrawal)	Used to Indicate Intent to Withdrawal from Storage on CIG or High Plains	N	Y	N
27	Park Withdrawl	Used to Withdrawal From a Previous Park Onto the Pipeline	N	Y	N
29	Loan Payback	Used to Payback To a Previous Loan Off of the Pipeline	N	Y	N



Appendix B

Various Transaction Examples



Payback – Pipeline Owes Shipper

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Batch Locations PDA **NAESB Nomination Matrix** Heen Calculator Delete Location New Validate Save

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 006914865
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 006100000

Report 5/27/2014 10:11:42 Beg Date: 5/28/2014 Beg Time: 9:00 AM End Date: 5/28/2014 End Time: 9:00 AM
 Rec/Del Loc Prop: 800229 **1** Rec/Del Loc Name: WBI/CIG (ELK) ELK BASIN PARK Rec/Del Loc:
 Batch Id: 525550484 PDA: Default Package ID Payback Month Counter Prty Nom
 Show Zeros - Up Show Zeros - Dn
 Up Dn Ctrct Id

Upstream Total: 10,000 Downstream Total: 10,000 Variance: Status: Draft

Note: Fields with labels in Red Italics are ordered pursuant to NAESB 4.3.73

Collapse Upstream Nominations Rates Fuel

Vol Type	TT	<i>Svc Req K</i>	Srvc Type	<i>Rec Loc Prop/ Up ID Prop</i>	GO	Rec Loc Name/ Up Name	Rec Loc/ Up ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Up Rank/ Del Rank
Buy (Current Bu	01			61400	GO	TRNG-SUGAR MAPL	0	0	0	0	0	0	1
Payback(Imbala	03	210105-TF1CIG	TF1	891129	GO	NNG/CIG (DUM) DU	0	10,000	0	0		10,000	600
					GO					5			
					GO								
					GO								

Collapse Downstream Nominations Rates Fuel

Vol Type	TT	<i>Svc Req K</i>	Srvc Type	<i>Del Loc Prop/ Dn ID Prop</i>	GO	Del Loc Name/ Dn Name	Del Loc/ Dn ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Dn Rank/ Rec Rank
Transport (Curr	01	210105-TF1CIG	TF1	800715	GO	(TCS) STORAGE INJ	221141	0	0.0095	0		0	1
Off-system Mark	117			61500	GO	TRNG-OAK NATURA		10,000	0	8		10,000	600
					GO								
					GO								
					GO								

- 1) Enter Focal PIN where payback is to occur
- 2) Select Payback (Imbalance Payback from TSP
- 3) Enter transport contract being paid back
- 4) Enter a PIN, other than focal PIN
- 5) Enter payback volume amount and rank
- 6) Enter disposition volume type
- 7) Enter GID you are connecting with at off-system market
- 8) Enter off-system market volume and rank



Payback – From Shipper to TSP

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Batch Locations PDA **NAESB Nomination Matrix** Heen Calculator Delete Location New Validate Save Retrieve

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 006914865
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 006100000 Svc Req

Report 5/28/2014 11:22:36 Beg Date: 6/1/2014 Beg Time: 9:00 AM End Date: 6/1/2014 End Time: 9:00 AM Cycle :
 Rec/Del Loc Prop: 800235 1 Rec/Del Loc Name: WFS/CIG (ES2) ECHO SPRINGS CARBON Rec/Del Loc: 155870 Status: QTY/PE
 Batch Id: 543235689 PDA: Default Package ID Payback Month Counter Prty Nom

Upstream Total: 5,000 Downstream Total: 5,000 Variance: Status: Draft Show Zeros - Up Show Zeros - Dn
 Note: Fields with labels in Red Italics are ordered pursuant to NAESB 4.3.73 Up Dn Ctrct Id

Collapse Upstream Nominations Rates Fuel New

Vol Type	TT	Svc Req K	Svc Type	Rec Loc Prop/ Up ID Prop	GO	Rec Loc Name/ Up Name	Rec Loc/ Up ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Up Rank/ Del Rank	Pkg ID
Off-system Supp	118			61800	GO	TRNG-CRAB TRANS		5,000	0	0		5,000	10	PBK1
					GO									
					GO									
					GO									

Collapse Downstream Nominations Rates Fuel New

Vol Type	TT	Svc Req K	Svc Type	Del Loc Prop/ Dn ID Prop	GO	Del Loc Name/ Dn Name	Del Loc/ Dn ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Dn Rank/ Rec Rank	Pkg ID
Payback (Imbala	04	210105-TF1CIG	TF1	800220	GO	PSCC/CIG (EDE) EA	2167	5,000	0.0095	47		4,953	10	PBK2
					GO									
					GO									
					GO									

- 1) Enter Focal PIN where Payback takes place
 - 3) Enter GID of the party you are receiving gas from
 - 5) Enter Rank and Package ID as applicable
 - 7) Enter transport contract containing imbalance
 - 9) Enter payback volume
- (Remember, fuel is deducted for payback to TSP)**

- 2) Select source of additional gas to be paid back
- 4) Enter payback volume
- 6) Select "Payback (Imbalance Payback to TSP)"
- 8) Enter a PIN (which is not the Focal PIN)
- 10) Enter Downstream Rank and Package ID, as applicable



Park Transaction Example

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Batch Locations: PDA **NAESB Nomination Matrix** Heen Calculator Delete Location New Validate Save

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 006914865
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 006100000

Report 5/27/2014 4:56:32 Beg Date: 5/29/2014 Beg Time: 9:00 AM End Date: 5/29/2014 End Time: 9:00 AM
 Rec/Del Loc Prop: 891129 **1** Rec/Del Loc Name: NNG/CIG (DUM) DUMAS STATION MOORE Rec/Del Loc:
 Batch Id: 660600646 PDA: Default Package ID Payback Month Counter Prty Nom

Upstream Total: 20,006 Downstream Total: 20,006 Variance: Status: Draft Show Zeros - Up
 Up Dn Ctrct Id Show Zeros - Dn

Note: Fields with labels in Red Italics are ordered pursuant to NAESB 4.3.73 Collapse

Collapse Upstream Nominations Rates Fuel

Collapse Downstream Nominations Rates Fuel

Vol Type	TT	<i>Svc Req</i> <i>K</i>	Svc Type	<i>Del Loc Prop/ Dn ID Prop</i>	GO	Del Loc Name/ Dn Name	Del Loc/ Dn ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Dn Rank/ Rec Rank
Off-system Mark	117			62300	GO	TRNG-MAHOGANY	0	9,923	0	0		9,923	901
Off-system Mark	117			61700	GO	TRNG-PALM POWE	0	6,750	0	0		6,750	200
Park	26	210556-ROPCIG	ROP	0	GO		0	3,333	0	0		3,333	100
					GO								
					GO								
					GO								
					GO								

- 1) Enter Focal PIN where Park to occur
- 3) Enter Request Order Park (ROP) contract
- 5) Enter transaction rank

- 2) Select "Park" volume type from the drop down
- 4) Enter Park volume



Loan Transaction Example

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Batch Locations PDA **NAESB Nomination Matrix** Heen Calculator Delete Location New Validate Save R

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 006914865
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 006100000

Report 5/27/2014 5:05:07 Beg Date: 5/29/2014 Beg Time: 9:00 AM End Date: 5/29/2014 End Time: 9:00 AM
 Rec/Del Loc Prop: 891645 **1** Rec/Del Loc Name: XX/CIG (BLF) BLUE FOREST SWEETWATER Rec/Del Loc:
 Batch Id: 892508990 PDA: Default Package ID Payback Month Counter Prty Nom
 Show Zeros - Up
 Show Zeros - Dn
 Up Dn Ctrct Id

Upstream Total: 29,750 Downstream Total: 29,750 Variance: Status: Draft

Note: Fields with labels in Red Italics are ordered pursuant to NAESB 4.3.73

Collapse Upstream Nominations Rates Fuel

Vol Type	TT	<i>Svc Req K</i>	Svc Type	<i>Rec Loc Prop/ Up ID Prop</i>	GO	Rec Loc Name/ Up Name	Rec Loc/ Up ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Up Rank/ Del Rank
Off-system Supp	118			61400	GO	TRNG-SUGAR MAPL	0	14,000	0	0		14,000	10
Off-system Supp	118			67000	GO	TRNG-REDBUD NAT	0	7,500	0	0		7,500	100
Loan 2	28	210558-ROLCIG	ROL	0	GO		0	5,000	4	0		5,000	5 20
Off-system Supp	118	3		61000	GO	TRNG-CHERRY NAT	6100000	2,000	0	0		2,000	500
Buy (Current Bu	01			64000	GO	TRNG-BLUE SPRUC	0	750	0	0	0	750	30
Buy (Current Bu	01			66000	GO	TRNG-PINE TRANS	0	500	0	0	0	500	40

- 1) Enter Focal PIN where Loan is to occur
- 3) Enter Request Order Loan (ROL) contract
- 5) Enter transaction rank

- 2) Select "Loan" volume type from the drop down
- 4) Enter Loan volume

Supplying A Headstation Pool

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Batch Locations PDA **NAESB Nomination Matrix** Heen Calculator Delete Location New Validate Save Retrieve

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 006914865
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 006100000 Svc Req I

Report 5/28/2014 11:46:13 Beg Date: 6/1/2014 Beg Time: 9:00 AM End Date: 6/1/2014 End Time: 9:00 AM Cycle :
 Rec/Del Loc Prop: 892265 **1** Rec/Del Loc Name: ANAJINTA/CIG (ANA) ANABUTTES RECEIP Rec/Del Loc: Status
 Batch Id: 903854720 PDA: Default Package ID Payback Month Counter Prty Nom QTY/PD
 Show Zeros - Up
 Show Zeros - Dn

Upstream Total: 15,000 Downstream Total: 15,000 Variance: Status: Draft Up Dn Ctrct Id

Note: Fields with labels in Red Italics are ordered pursuant to NAESB 4.3.73 Collapse Rates Fuel New

Vol Type	TT	Svc Req K	Svc Type	Rec Loc Prop/ Up ID Prop	GO	Rec Loc Name/ Up Name	Rec Loc/ Up ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Up Rank/ Del Rank	Pkg ID
Off-system Supp	118			61800	GO	TRNG-CRAB TRANS		10,000	0	0		10,000	10	Supply1
Buy (Current Bu	01			61100	GO	TRNG-RIVER BIRCH		5,000	0	0		5,000	50	Supply2
					GO									
					GO									

Downstream Nominations Rates Fuel New

Vol Type	TT	Svc Req K	Svc Type	Del Loc Prop/ Dn ID Prop	GO	Del Loc Name/ Dn Name	Del Loc/ Dn ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Dn Rank/ Rec Rank	Pkg ID
Pooling	08	210195-HSP1CIG	HSP1	800493	GO	NORTHERN HEADS	220964	15,000	0.0095	142		14,858	50	Pool
					GO									
					GO									
					GO									

- 1) Focal PIN of sourced gas
 - 2) Source Volume Type (Buy, Off-sys supply, etc...)
 - 3) GID of the counter party(s) supply your gas
 - 4) Receipt volume(s)
 - 5) Rank and Package ID, if applicable
 - 6) Select "Pooling" from drop down menu
 - 7) Enter your Pooling contract here
 - 8) Enter the HSP Pool PIN for your Pool
 - 9) Enter Pool volumes
 - 10) Enter Rank and Package ID, as applicable
- (NOTE: In Production, fuel will not be taken when supplying a Pool)

Selling Out of a Headstation Pool

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Batch Locations: PDA **NAESB Nomination Matrix** Heen Calculator Delete Location New Validate Save Retrieve

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 006914865
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 006100000

Report 5/28/2014 11:53:44 Beg Date: 6/1/2014 Beg Time: 9:00 AM End Date: 6/1/2014 End Time: 9:00 AM
 Rec/Del Loc Prop: 800493 **1** Rec/Del Loc Name: NORTHERN HEADSTATION POOL Rec/Del Loc: 220964
 Batch Id: 903854720 PDA: Default Package ID Payback Month Counter Prty Nom
 Upstream Total: 14,858 Downstream Total: 14,858 Variance: Status: Draft Show Zeros - Up Show Zeros - Dn
 Note: Fields with labels in Red Italics are ordered pursuant to NAESB 4.3.73 Up Dn Ctrct Id

Collapse Upstream Nominations Rates Fuel New

Vol Type	TT	Svc Req K	Svc Type	Rec Loc Prop/ Up ID Prop	GO	Rec Loc Name/ Up Name	Rec Loc/ Up ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Up Rank/ Del Rank	Pkg ID
Pooling	08	210195-HSP1CIG	HSP1	892265	GO	ANAUINTA/CIG (AN	0	15,000	0.0095	142		14,858	1	Pool
					GO									
					GO									
					GO									
					GO									

Collapse Downstream Nominations Rates Fuel New

Vol Type	TT	Svc Req K	Svc Type	Del Loc Prop/ Dn ID Prop	GO	Del Loc Name/ Dn Name	Del Loc/ Dn ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Dn Rank/ Rec Rank	Pkg ID
Sell (Current Bu	01	0		66000	GO	TRNG-PINE TRANS		5,000	0	0		5,000	10	Market1
Sell (Current Bu	01	0		61500	GO	TRNG-OAK NATURA		5,000	0	0		5,000	20	Market2
Sell (Current Bu	01	0		67000	GO	TRNG-REDBUD NAT		4,858	0	0		4,858	30	Market3
					GO									

- 1) Focal PIN of your Pool
- 3) Enter your HSP Pooling contract
- 5) Enter volume amount you are selling from you Pool
- 7) Typically select 'Sell' from the drop down menu
- 9) Enter Pool volumes

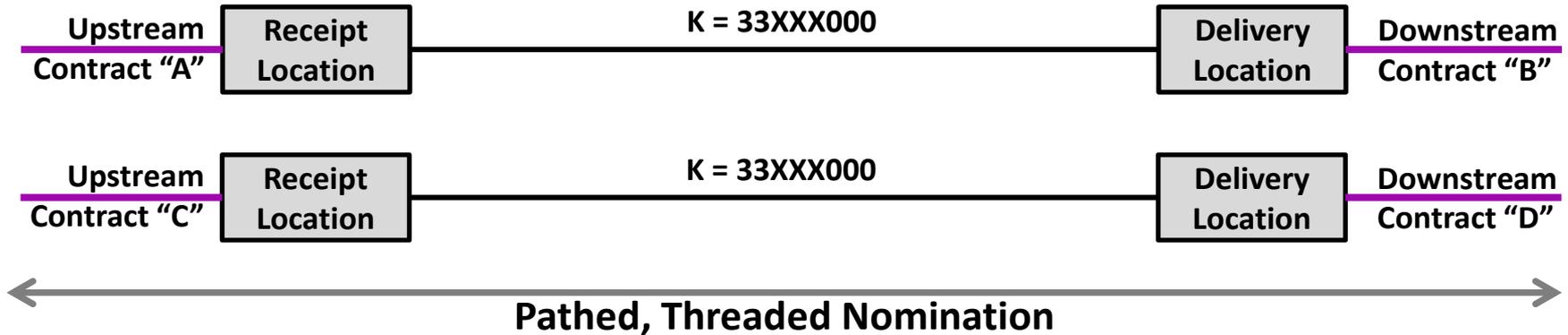
- 2) Enter Volume Type "Pooling"
- 4) Enter supply PIN supplying your pool
- 6) Enter Rank and Package ID, if applicable
- 8) Enter the GID(s) of the buying party(s)
- 10) Enter Rank and Package ID, as applicable

Appendix C DART Methodologies

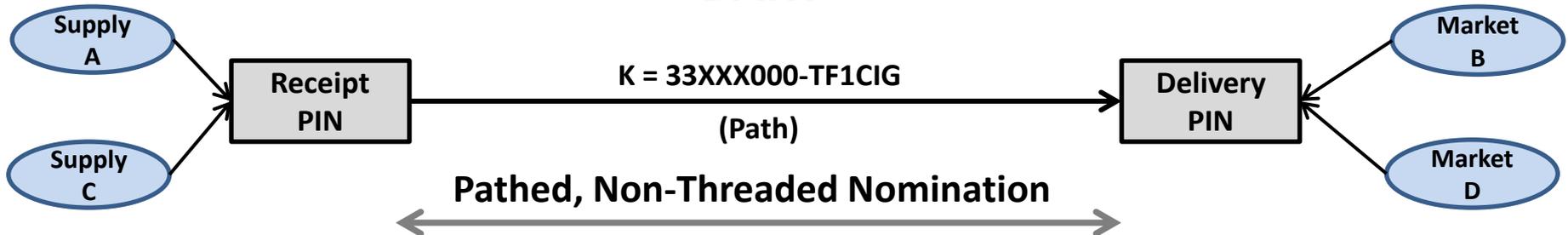


'Threaded' versus 'Non-Threaded' Nominations

Xpress



DART



Nomination Model

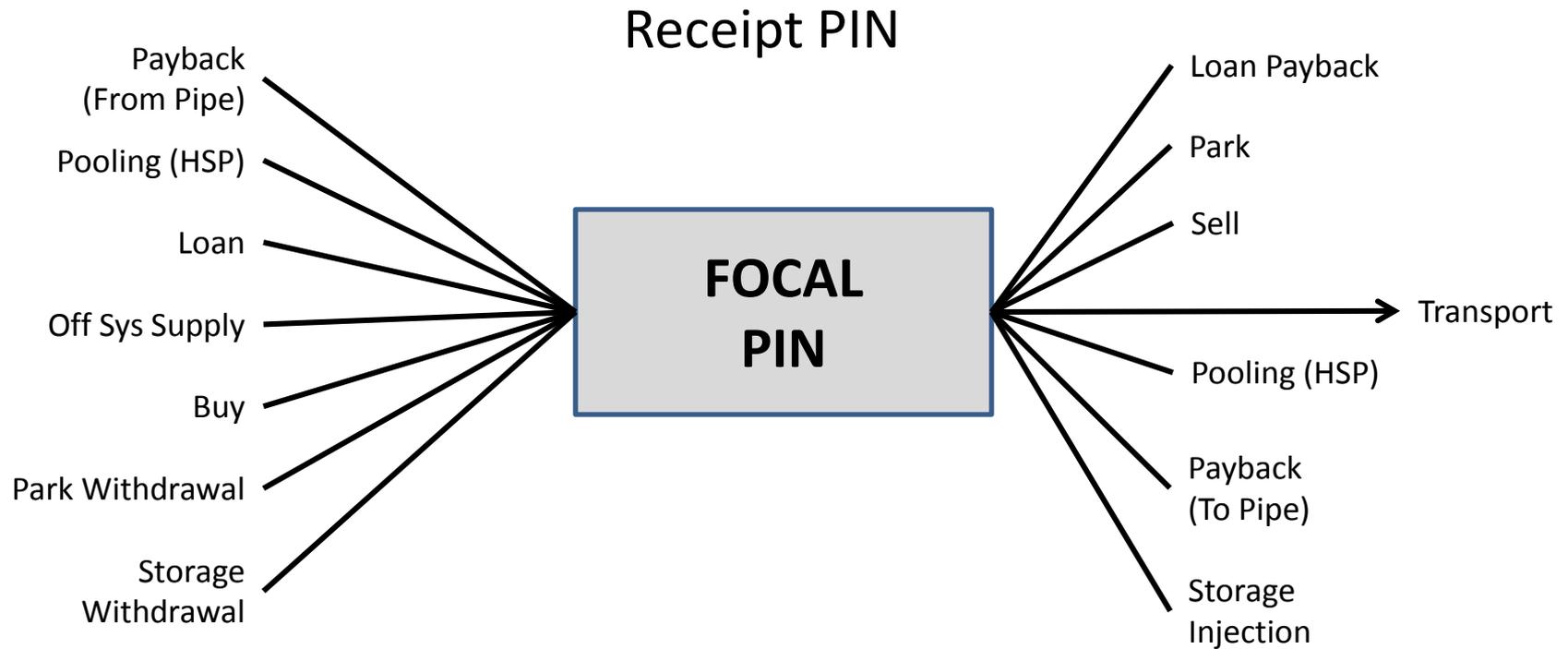
➤ Pathed, Non-Threaded Nominations

NAESB nomination model used to nominate and schedule in DART



- The Non-Threaded model allows a shipper to separate commercial counterparty (buy/sell) transactions at specific locations from transportation transactions between locations
- Gives shippers *full control* of their business **via ranks**. Shippers can individually rank supplies and markets; receipt and delivery locations; and paths between receipt and delivery locations.
- This model allows independent ranking of contract paths separate from points
- Ranks at both the Supply and Market PINs will be used to distribute transaction reductions, as appropriate

DART = Focal PIN-Centric



(Source)

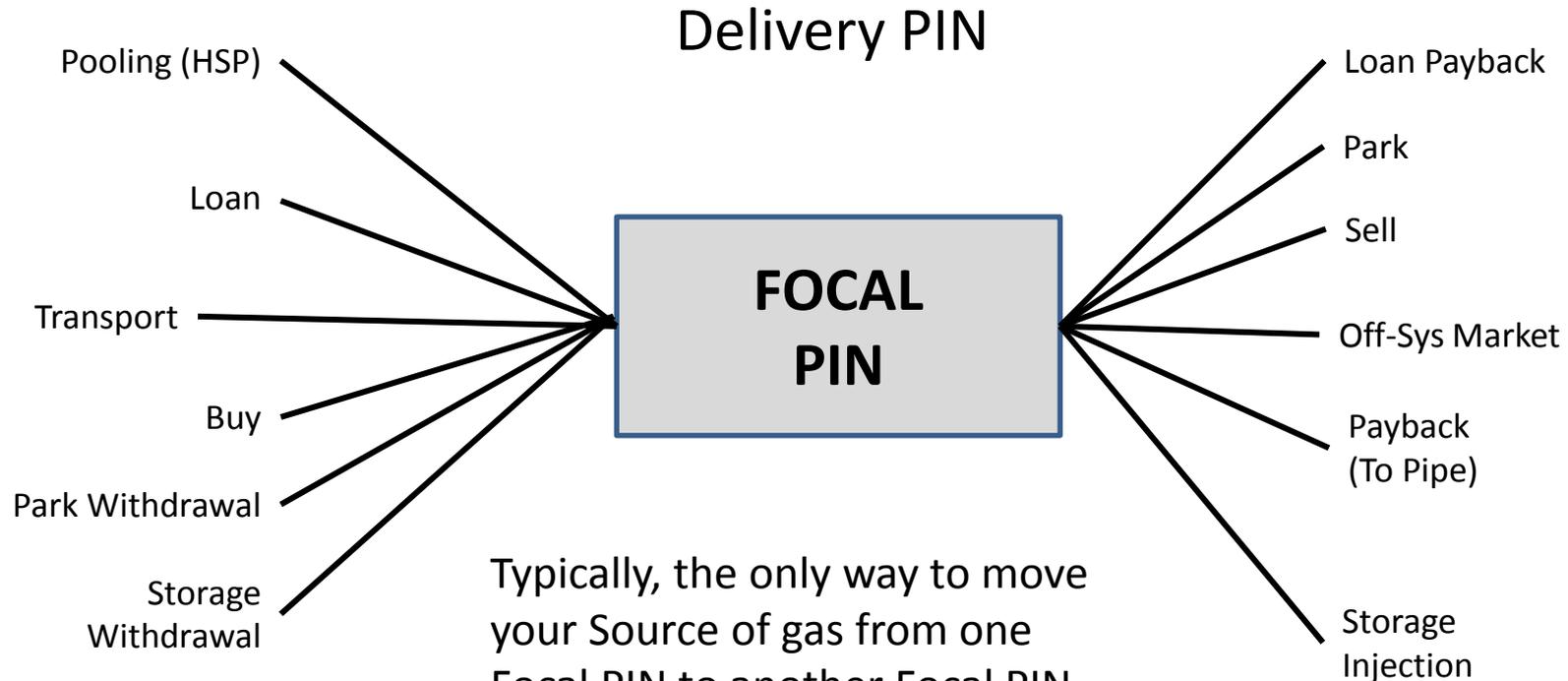


(Disposition)

PIN must be in balance; total Upstream volume equals total Downstream volume



DART = Focal PIN Centric



(Source)



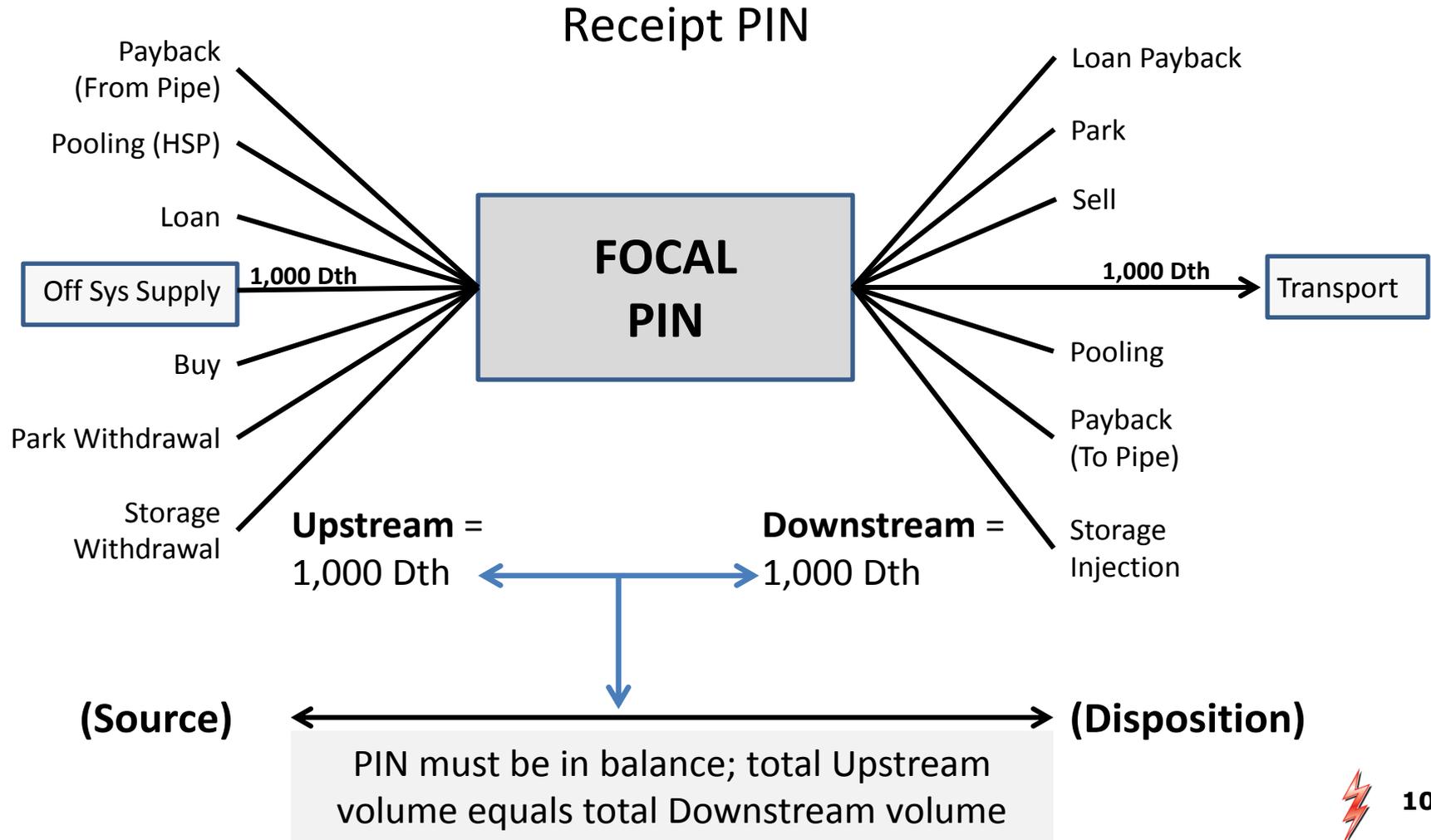
(Disposition)

PIN must be in balance; total Upstream volume equals total Downstream volume



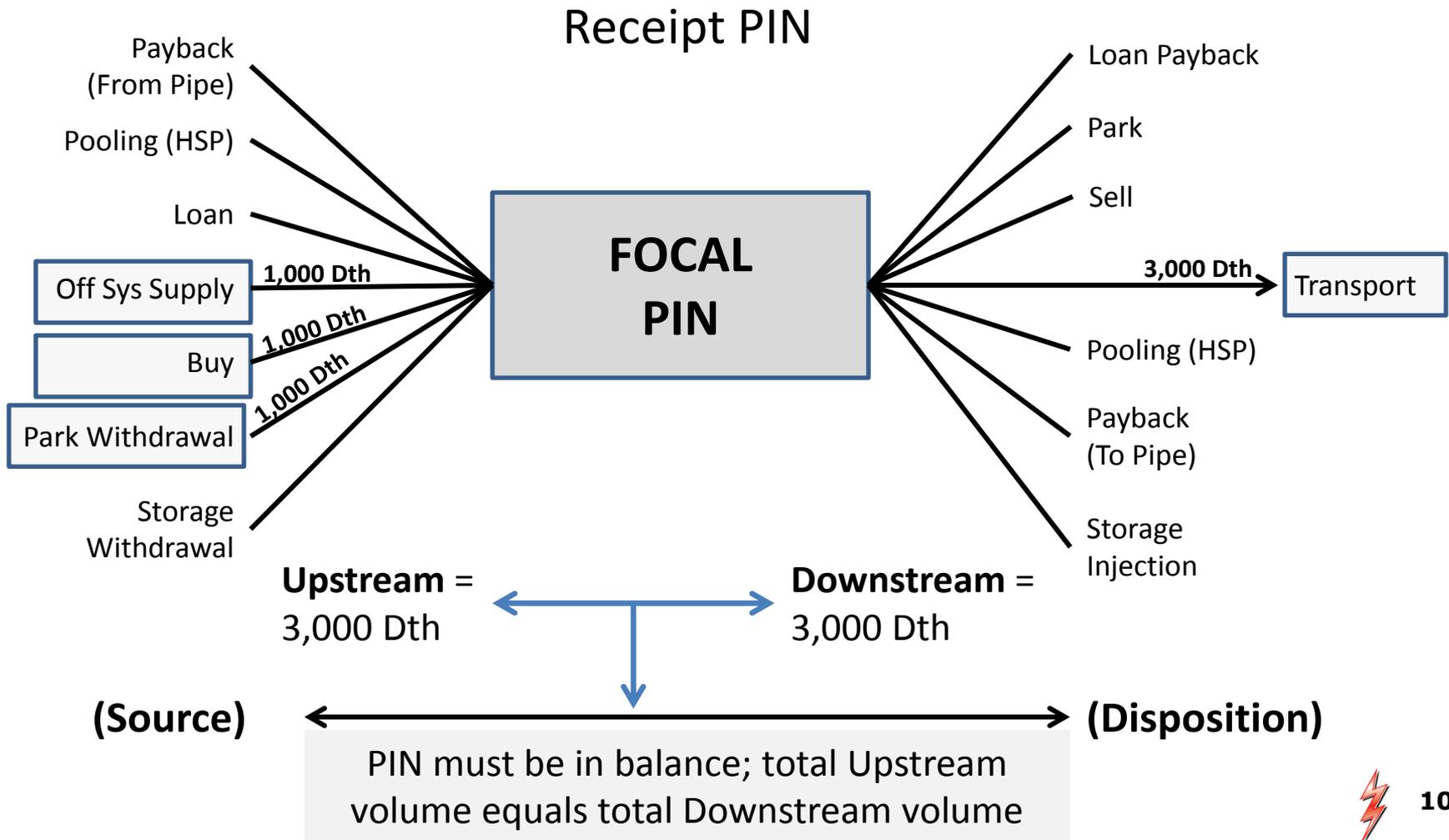
Upstream-Downstream Example 1

One **Upstream** source to one **Downstream** disposition at the same PIN



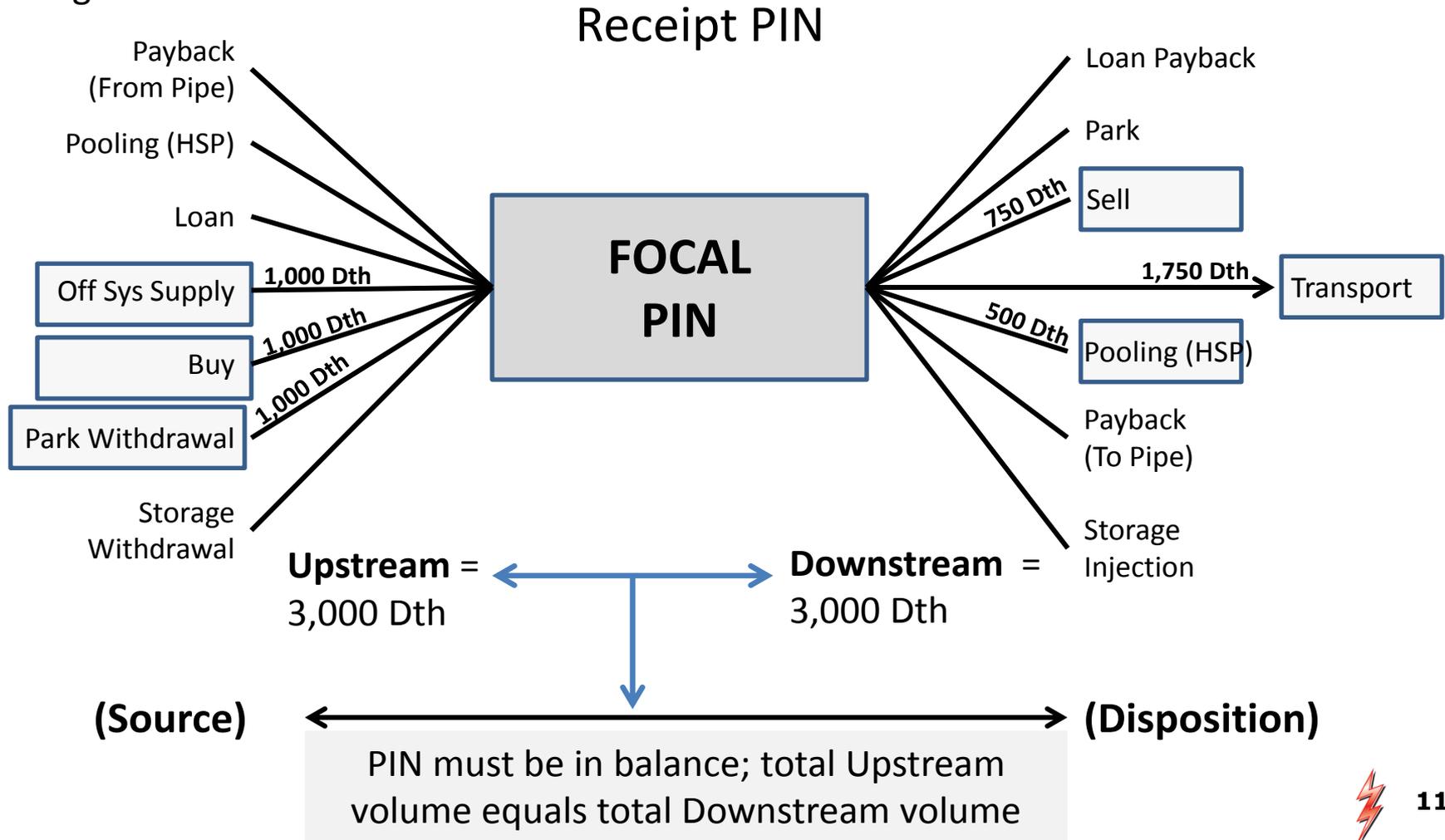
Upstream-Downstream Example 2

Multiple **Upstream** sources to single **Downstream** disposition at the same PIN

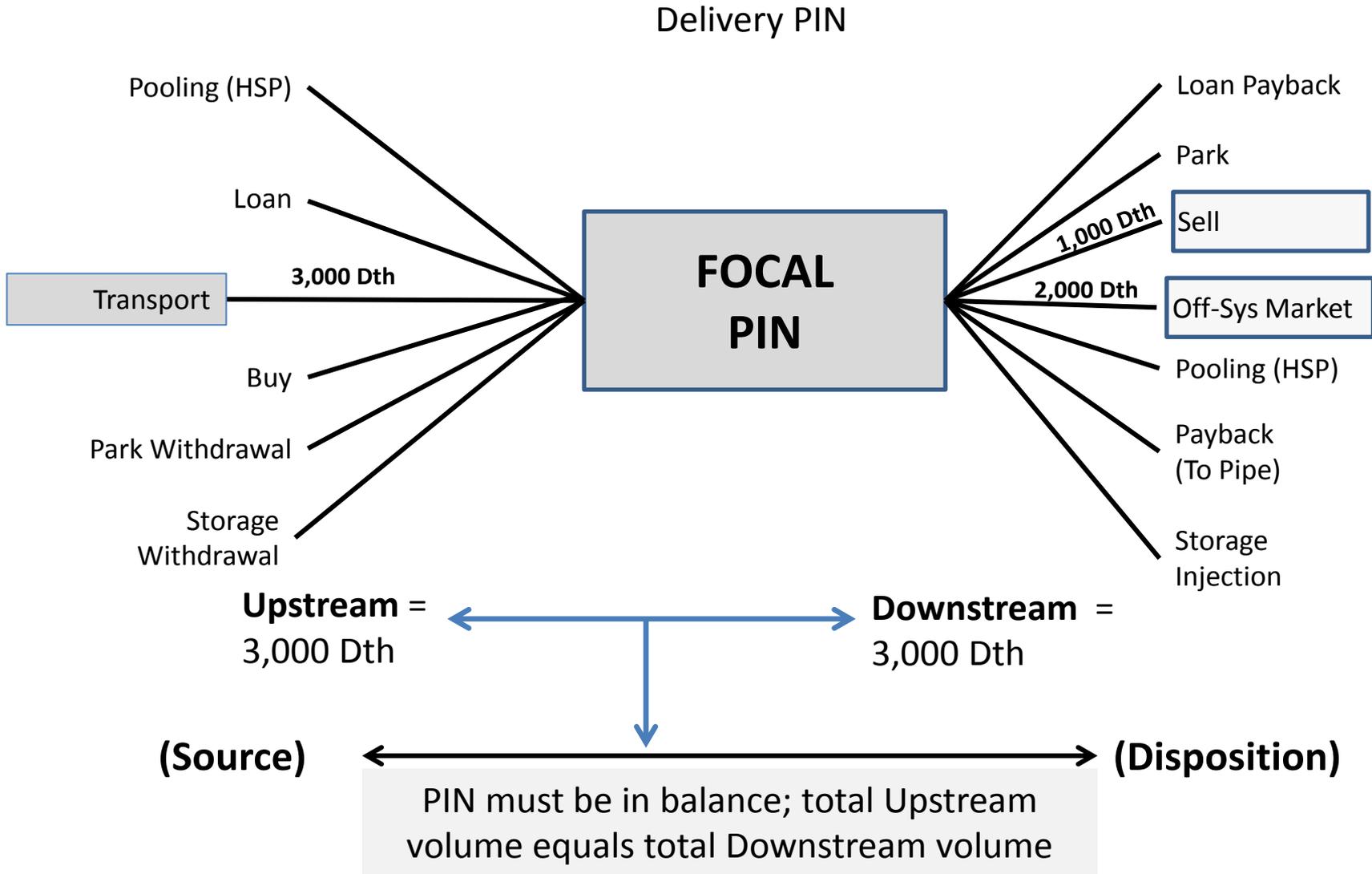


Upstream-Downstream Example 3

Multiple **Upstream** sources to multiple **Downstream** dispositions at the same single PIN



Upstream-Downstream Example 4



Appendix D Notable Xpress to DART Changes



Segment Scheduling

- ✍ ISP Scheduling changes to Segment Scheduling terminology/reporting
 - Very similar to the Xpress ISP model
 - Segment model closely resembles physical layout of the pipeline
 - Changing from ISP naming to segment naming conventions



Operationally Available Capacity Reporting Changes

Xpress Today

Post Date/Time ▾	Effective Gas Day ▾	Effective Time ▾	Ending Effective Gas Day ▾	Cycle ▾	Run ▾	Loc Prop ▾	Location Name ▾	Location ▾	Loc Zn* ▾	Loc Purp Desc ▾	Loc/QTI Desc ▾	Flow Indicator ▾
5/6/2014 12:18:09 PM	05/06/2014	5:00 PM	05/07/2014	Intraday 1	FINAL	ELC	Elk Basin Compressor-Choke Point	221127	400	Main Line	Main Line	N
5/6/2014 12:18:09 PM	05/06/2014	5:00 PM	05/07/2014	Intraday 1	FINAL	ELK	Elk Basin	34584	400	Bi-Directional	Bi-Directional Point	D

In DART

Segment Reporting

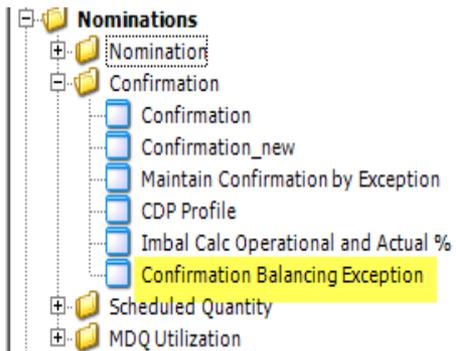
View Point(s) Capacity ▾	Loc Prop (Segment) ▾	Loc Name (Segment) ▾	Loc (Segment) ▾	Loc Zn ▾	Design Capacity ▾	Operating Capacity ▾	Total Scheduled Quantity ▾	Operationally Available Capacity ▾	IT ▾	Flow Ind ▾
View	220	WHITE WATER C.S. TO OLATHE C.S.		01	341,000	341,000	38,987	302,013	Y	TD1
View	230	OLATHE C.S. TO RED VALE C.S.		01	362,500	362,500	38,383	324,117	N	TD1

Individual PIN Reporting

View Segment (s) Capacity ▾	Loc Prop ▾	Loc Name ▾	Loc ▾	Loc Zn ▾	Loc Prop (Segment) ▾	Design Capacity ▾	Operating Capacity ▾	Total Scheduled Quantity ▾	Operationally Available Capacity ▾	IT ▾	Flow Ind ▾
View	11446	RMNG/TRANSCOL OLATHE MONTROSE	289016	01	230	45000	45000	3201	41799	Y	D

Confirmation Balancing Exception

➤ DART will allow shippers to place their contracts on the Confirmation Balancing Exception Table



- Applies to Colorado Interstate Gas (CIG) only
- Allows shippers to keep either their supply or market whole when the other side of their transport transaction(s) are under confirmed
- Should have Auto Park and Lend coverage (alternative is Scheduled Imbalance Penalty)

Using Volume Types

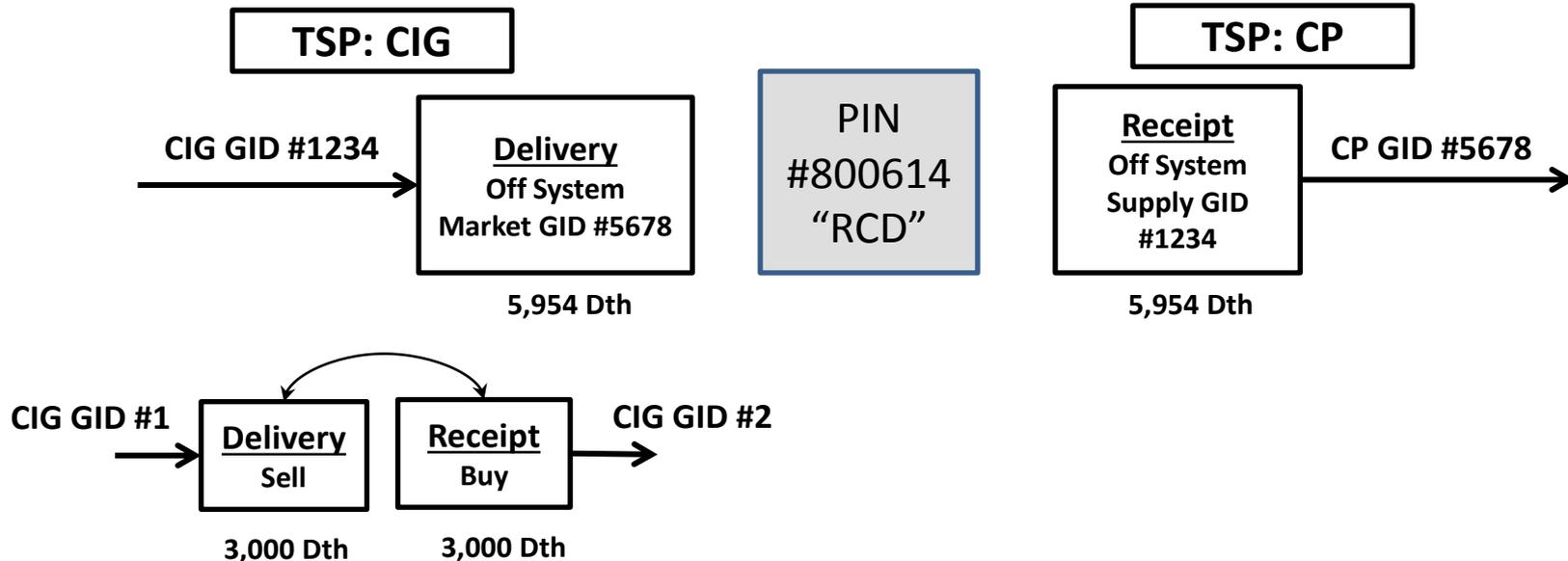
✍ The DART NAESB Nomination Matrix requires the user to select a “volume type”

<input type="checkbox"/> Collapse		
Vol Type	TT	Svc Re K
Off-system Supp	118	
Off-system Supp	118	

Bank Payback	
Buy (Current Business)	
DSS W/D (Storage Withdrawal - Firm)	
HEEN	
Loan	
No-Notice Balancing	
No-Notice Service	
Off-system Supply	
Park and Loan Balancing	
Park Withdrawal	
Payback(Imbalance Payback From TSP)	
Pooling	
Sale	
Storage Withdrawal - Interruptible	
Take	
Transport (Current Business)	
WHEELING	
Withdrawal (Storage Withdrawal)	
Trans (Authorized Contract Overrun)	

- This selection then determines the additional fields that will need to be filled in on the nomination
- Not all Volume Types are valid for legacy Xpress pipelines
- Appendix B is a list of Volume Types used on legacy Xpress pipelines

Nominations Between KM Owned TSP's



- 1) Nominations at locations that cross Kinder Morgan TSPs require an Off System Market or Off System Supply Volume Type at a Focal Pin*
- 2) Nominations on the Same Kinder Morgan TSPs can use Buy / Sell Volume Types at a Focal Pin
- 3) Example shown does not depict transactions utilizing Off System Capacity as defined in the tariff.

* Further details for Volume Types when utilizing Off System Capacity Focal Pins will be forthcoming

Buy/Sell Replaces Location Pools

- DART Buy/Sell concept replaces Xpress Location Pooling and their contracts
- Buy and Sell at a PIN, at the GID level
- No more Location Pool contracts or Location Pool confirmation screens
- Headstation Pooling
 - Nominated using volume type “Pooling”
 - Regionally located on the pipeline
 - Supply sources associated to a specific pool
 - Headstation pool confirmations not necessary



Hourly Entitlement Enhancement Nomination (HEEN) Calculator

TSP: 15038 - COLORADO INTERSTATE GAS CO. AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS

Batch Locations: PDA **NAESB Nomination Matrix** Heen Calculator Delete Location New Validate Save

TSP Prop: 15038 TSP Name: COLORADO INTERSTATE GAS CO. TSP: 006914865
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 006100000

Report Date/Time: 5/12/2014 12:02:13 Beg Date: 5/14/2014 Beg Time: 9:00 AM End Date: 5/31/2014 End Time: 9:00 AM
 Rec/Del Loc Prop: 800094 Rec/Del Loc Name: PEPL/CIG (BKP)
 Batch Id: 568096807 PDA: Default

Upstream Total: 3,721 Downstream Total: 3,721
 Note: Fields with labels in Red Italics are ordered pursuant to NAESB 4.3.73

Collapse Upstream

Vol Type	<i>TT</i>	<i>Svc Req K</i>	Svc Type	<i>Rec Loc Prop/ Up ID Prop</i>	
Transport (Curr)	01	210105-TF1CIG	TF1	891645	G
Transport (Curr)	01	210263-TF1CIG	TF1	891645	G
					G
					G
					GO
					GO

WNVL1030 - HEEN Calculator

TSP: 15038 - COLORADO INTERSTATE GAS CO.

Flowing / HEEN Calculator

Enter the Daily Flow Requirement and Peak Hour Requirement for your delivery location:

Daily Flow Qty:

Peak Hour Qty:

HEEN Qty to Nominate:

Calculate Clear Close

Qty (t)	Up Rank/ Del Rank
0	500
3,721	500

Appendix E Scheduling Cycle Timelines



Cycle Timelines

Action	Timely, Cycle 1	Evening, Cycle 2	Intraday 1, Cycle 3	Intraday 2, Cycle 4
Nomination Deadline**	10:30 am	5:00 pm	9:00 am	4:00 pm
Scheduling Complete*	Between 11:30 am and Noon	Between 5:30 pm and 6:00 pm	Between 9:30 am and 10:00 am	Between 4:30 pm and 5:00 pm
Confirmation Deadline	2:30 pm	8:00 pm	Noon	7:00 pm
Final Scheduled Results	3:30 pm	9:00 pm	1:00 pm	8:00 pm

All Times are Colorado Time

* = Targeted times for completion

** = NAESB Deadline (seamless transactions); all others add 15 minutes