

Title Transfer Tracking Pilot Testing Task Force  
Project Plan  
Business Case #3

**Case Description:**

Transportation Service Providers (TSP) provide Title Transfer Tracking (TTT) at all types of nominatable receipt points only.

**Scope:**

The scope of this business case encompasses business process at all five points of the base case. All TSPs provide TTT service at their receipt locations, but the responsibility for TTT service at the delivery locations is held by the party on the other side of the flange. i.e. the downstream TSP or LDC.

The scope includes the business process necessary to show the TTT service activities. Mainline transportation service is shown only as a connection between the TSPs. The processing of mainline transportation is not within the scope of this business case except to show connectivity. i.e. continuous and contiguous scheduling.

**Assumptions:**

- 1) All shipper's nominations include upstream/downstream party identifiers (Standard 1.4.1).
- 2) Point Delta is an LDC point.
- 3) Point Alpha is a wellhead, plant outlet, or pool point.
- 4) Point Bravo/Charlie are pipeline interconnects.
- 5) Transactions are summarized using the Pathed Nonthreaded nomination model.

**Work Group Members:**

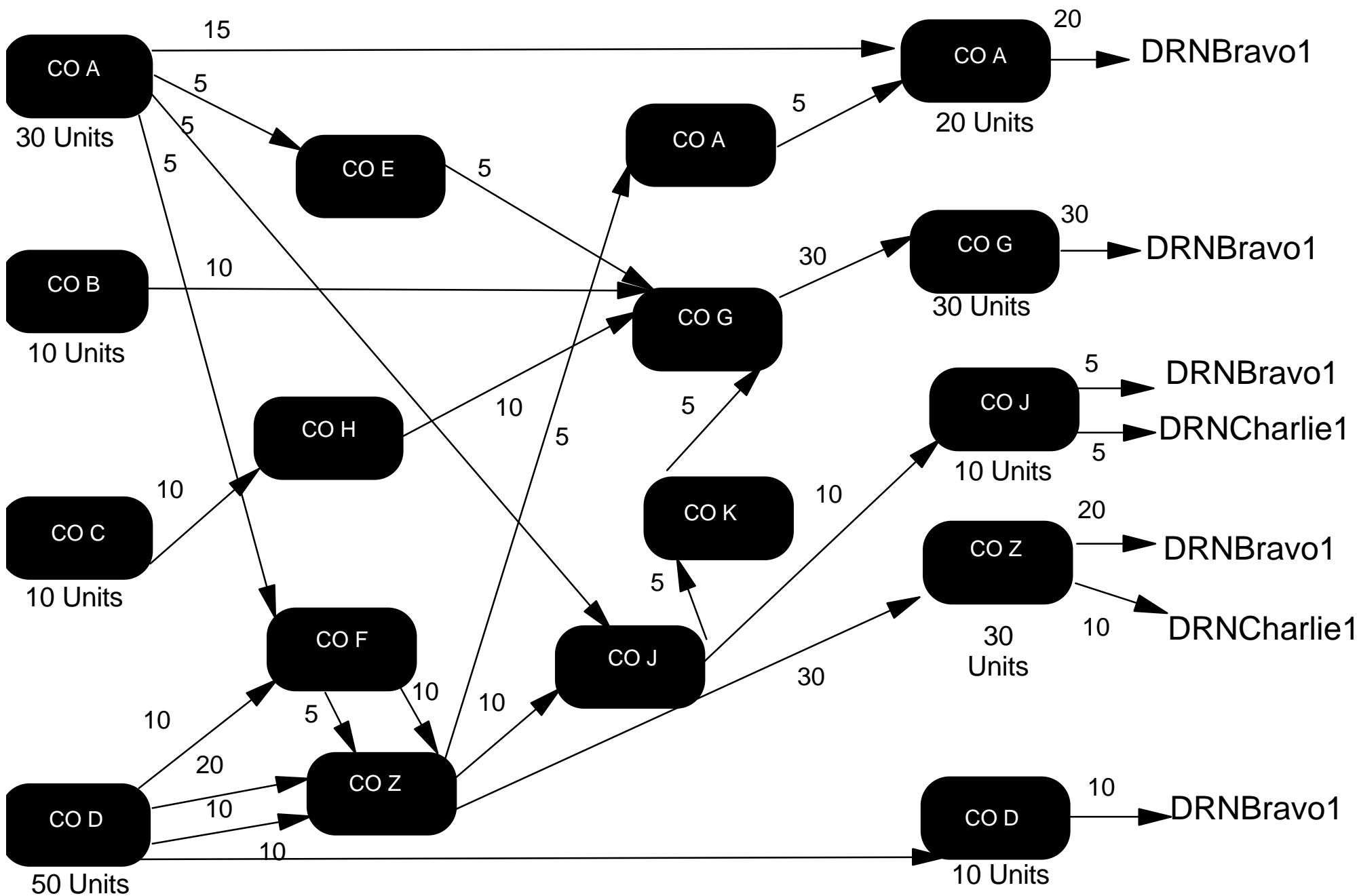
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# DRNAAlpha1 on ISP 1

## SUPPLIER

## TITLE TRANSFER

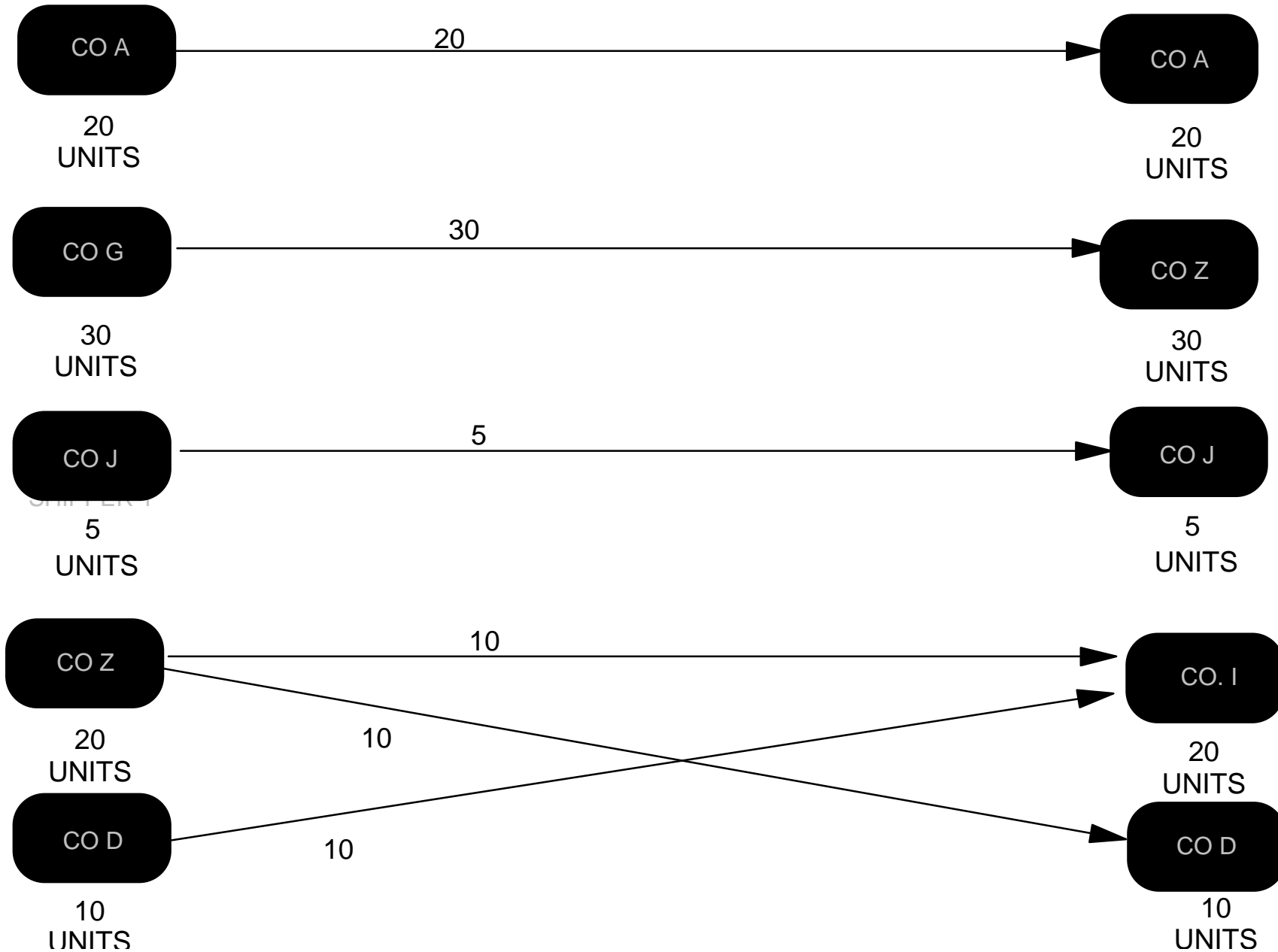
## SHIPPER



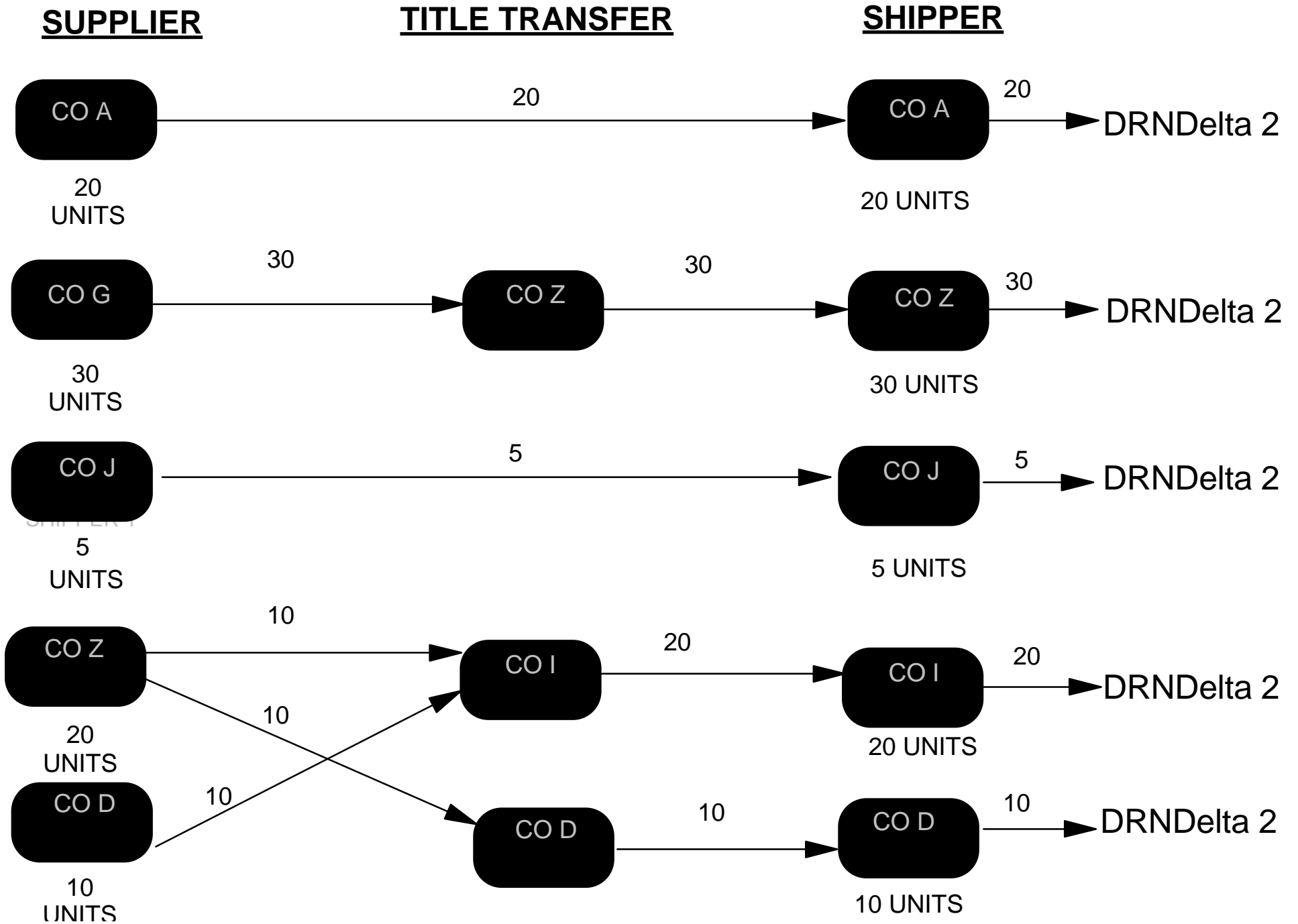
# DRNBravo1 on TSP 1

## SHIPPER

## DOWNSTREAM PARTY



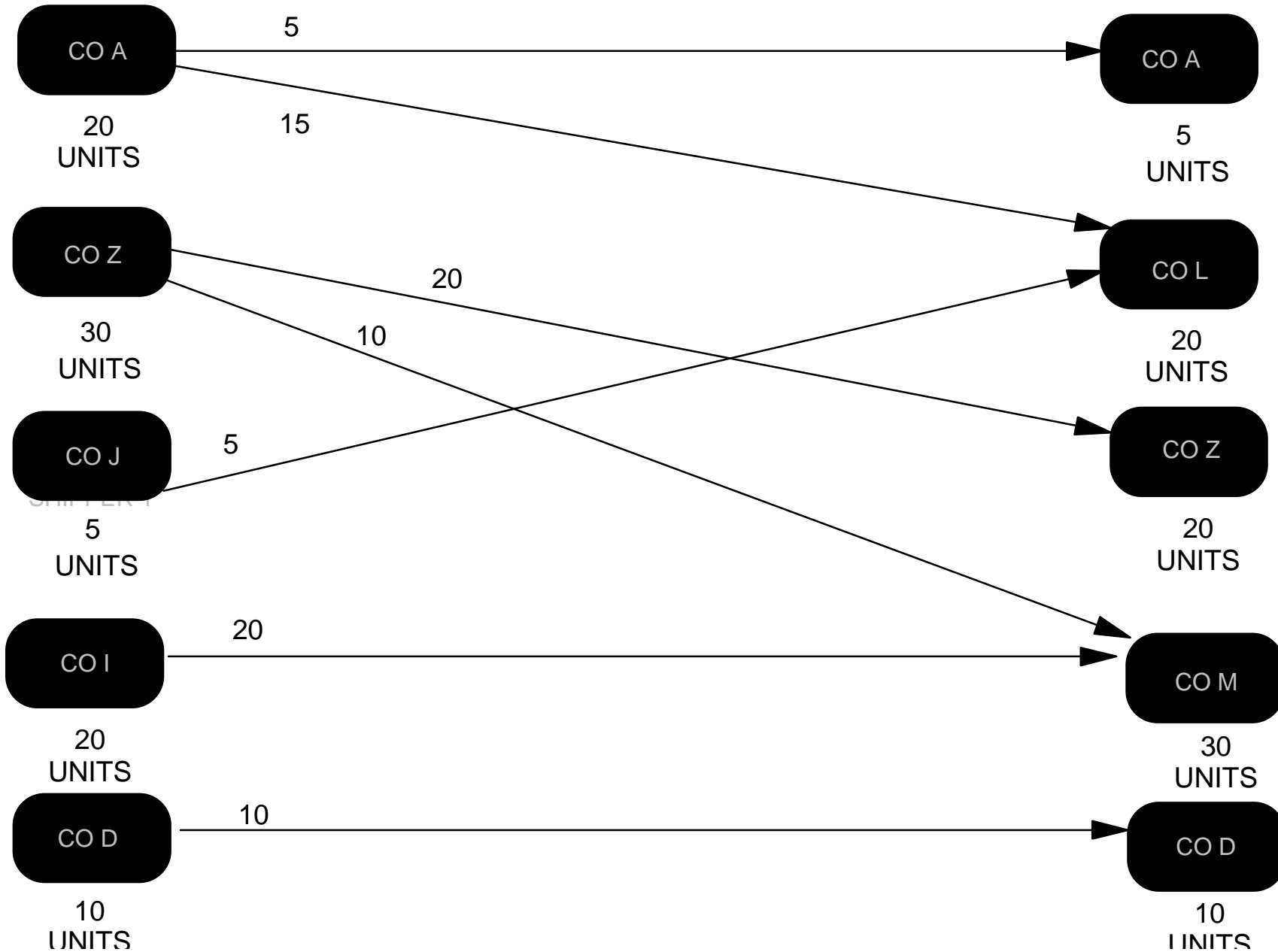
# DRNBravo2 on ISP 2



# DRNDelta2 on TSP 2

## SHIPPER

## DOWNSTREAM PARTY

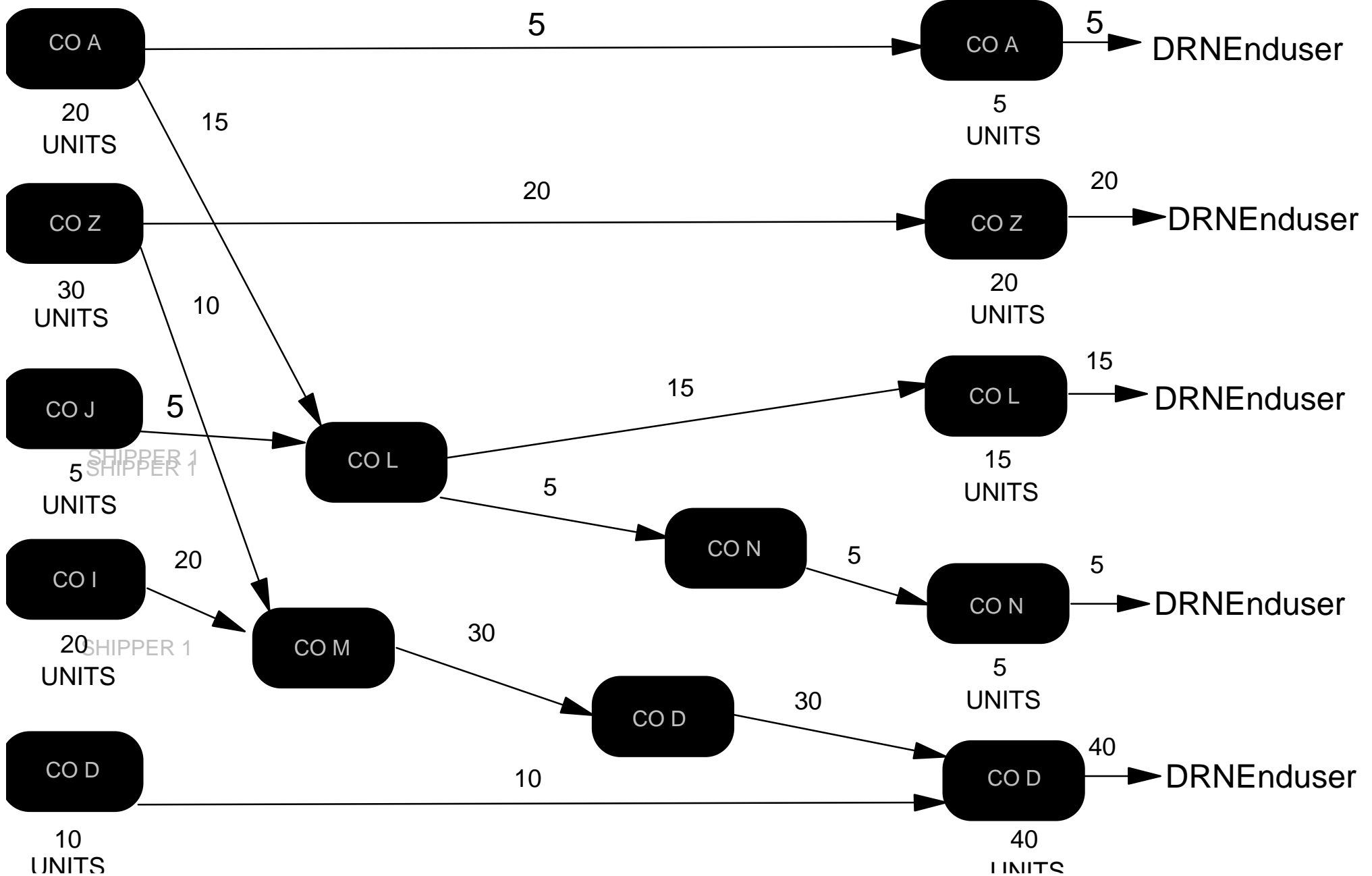


# DRNDeltaLDC on LDC

## SUPPLIER

## TITLE TRANSFER

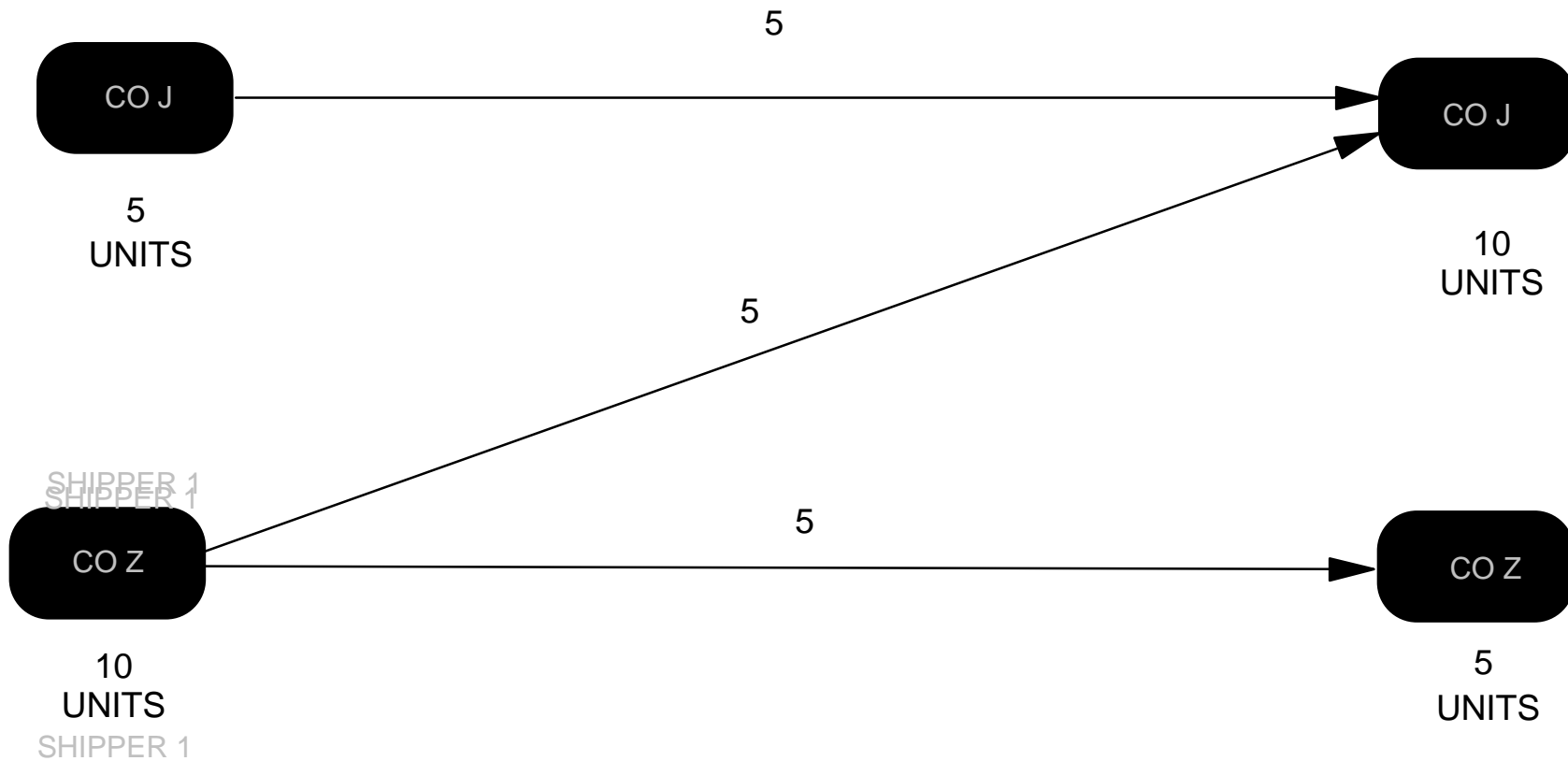
## SHIPPER



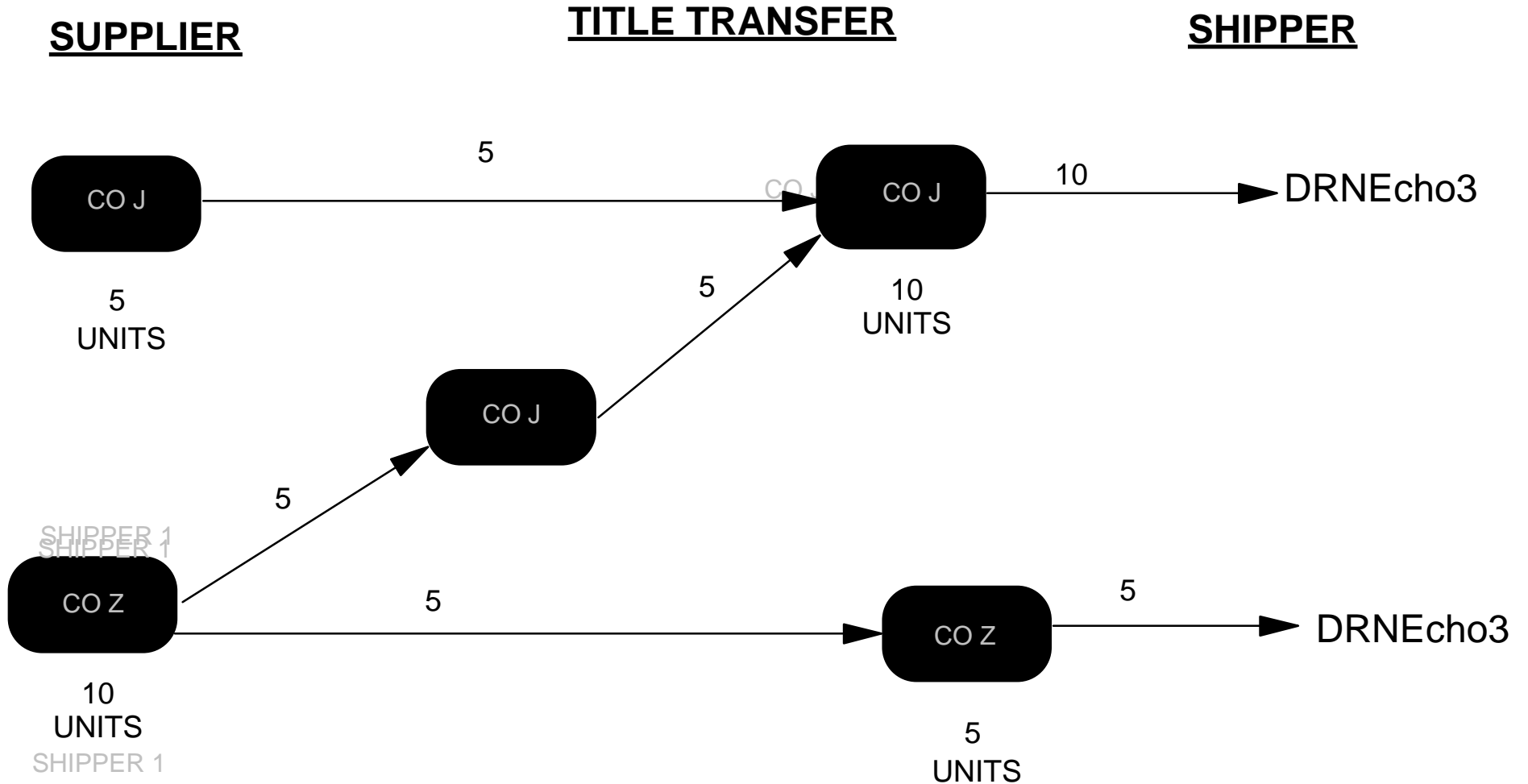
# DRNCharlie 1 on TSP 1

SHIPPER J

DOWNSTREAM PARTY



# DRNCharlie3 on TSP3



# DRNEcho3 on TSP3

SHIPPER

DOWNSTREAM PARTY



10  
UNITS

10

CO J



10  
UNITS

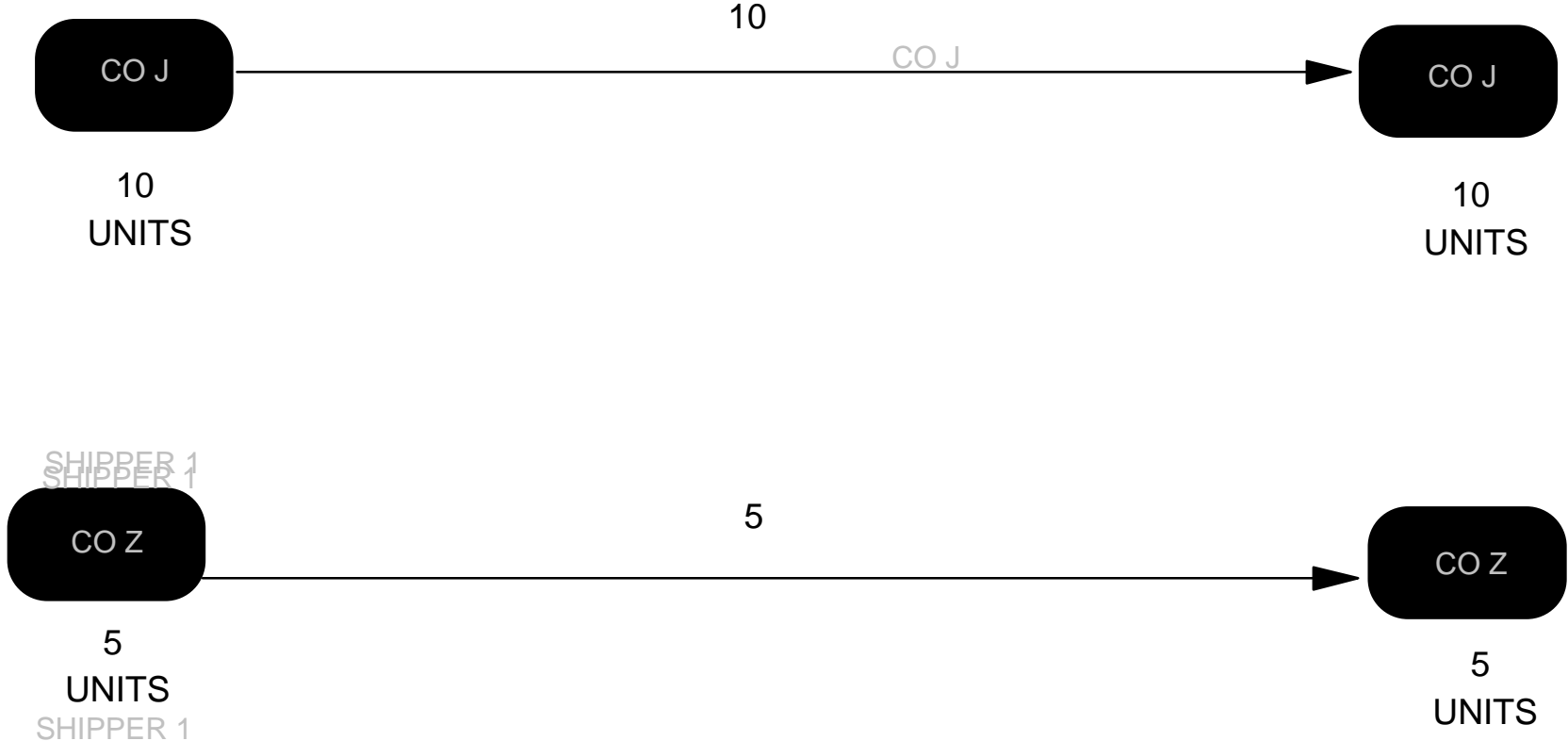


5  
UNITS  
SHIPPER 1

5



5  
UNITS



## Transportaton/Title Transfer Transaction Summaries on TSP 1

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**TSP:** TSP 1  
**Name:** Co. A  
**Point:** DRNAlpha1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. Z			5
	Buy	Co. A			30
<b>Downstream:</b>	Sell	Co. E			5
	Sell	Co. J			5
	Sell	Co. F			5
	Transport		TSP1_CoA	DRNBravo1	20

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**TSP:** TSP 1  
**Name:** Co. A  
**Point:** DRNBravo1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Transport		TSP1_CoA	DRNAlpha1	20
<b>Downstream:</b>	Sell	Co. A			20

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**TSP:** TSP 1  
**Name:** Co. B  
**Point:** DRNAlpha1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. B			10
<b>Downstream:</b>	Sell	Co. G			10

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**TSP:** TSP 1  
**Name:** Co. C  
**Point:** DRNAlpha1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. C			10
<b>Downstream:</b>	Sell	Co. H			10

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**TSP:** TSP 1  
**Name:** Co. D  
**Point:** DRNAlpha1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. D			50
<b>Downstream:</b>	Sell	Co. F			10
	Sell	Co. Z			20
	Sell'	Co. Z'			10
	Transport		TSP1_CoD	DRNBravo1	10

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**TSP:** TSP 1  
**Name:** Co. D  
**Point:** DRNBravo1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Transport		TSP1_CoD	DRNAlpha1	10
<b>Downstream:</b>	Sell	Co. I			10

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**TSP:** TSP 1  
**Name:** Co. E  
**Point:** DRNAlpha1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. A			5
<b>Downstream:</b>	Sell	Co. G			5

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**TSP:** TSP 1  
**Name:** Co. F  
**Point:** DRNAlpha1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. A			5
	Buy	Co. D			10
<b>Downstream:</b>	Sell	Co. Z			5
	Sell'	Co. Z'			10

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**TSP:** TSP 1  
**Name:** Co. G  
**Point:** DRNAlpha1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. E			5
	Buy	Co. B			10
	Buy	Co. H			10
	Buy	Co. K			5
<b>Downstream:</b>	Transport		TSP1_CoA	DRNBravo1	30

**TSP:** TSP 1  
**Name:** Co. G  
**Point:** DRNBravo1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Transport		TSP1_CoG	DRNAlpha1	30
<b>Downstream:</b>	Sell	Co. Z			30

**TSP:** TSP 1  
**Name:** Co. H  
**Point:** DRNAlpha1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. C			10
<b>Downstream:</b>	Sell	Co. G			10

**TSP:** TSP 1  
**Name:** Co. J  
**Point:** DRNAlpha1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. Z			10
	Buy	Co. A			5
<b>Downstream:</b>	Sell	Co. K			5
	Transport		TSP1_CoJ	DRNBravo1	5
	Transport		TSP1_CoJ	DRNCharlie1	5

**TSP:** TSP 1  
**Name:** Co. J  
**Point:** DRNBravo1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Transport		TSP1_CoJ	DRNAlpha1	5
<b>Downstream:</b>	Sell	Co. J			5

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**TSP:** TSP 1  
**Name:** Co. J  
**Point:** DRNCharlie1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Transport		TSP1_CoJ	DRNAlpha1	5
<b>Downstream:</b>	Sell	Co. J			5

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**TSP:** TSP 1  
**Name:** Co. K  
**Point:** DRNAlpha1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. J			5
<b>Downstream:</b>	Sell	Co. G			5

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**TSP:** TSP 1  
**Name:** Co. Z  
**Point:** DRNAlpha1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. D			20
	Buy'	Co. D'			10
	Buy	Co. F			5
	Buy'	Co. F'			10
<b>Downstream:</b>	Sell	Co. A			5
	Sell	Co. J			10
	Transport		TSP1_CoZ	DRNBravo1	20
	Transport		TSP1_CoZ	DRNCharlie1	10

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**TSP:** TSP 1  
**Name:** Co. Z  
**Point:** DRNBravo1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Transport		TSP1_CoZ	DRNAlpha1	20
<b>Downstream:</b>	Sell	Co. I			10
	Sell	Co. D			10

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**TSP:** TSP 1  
**Name:** Co. Z  
**Point:** DRNCharlie1

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Transport		TSP1_CoZ	DRNAlpha1	10
<b>Downstream:</b>	Sell	Co. J			5
	Sell	Co. Z			5

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## Transportaton/Title Transfer Transaction Summaries on TSP 2

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**TSP:** TSP 2  
**Name:** Co. A  
**Point:** DRNBravo2

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. A			20
<b>Downstream:</b>	Transport		TSP2_CoA	DRNDelta2	20

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**TSP:** TSP 2  
**Name:** Co. A  
**Point:** DRNDelta2

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Transport		TSP2_CoA	DRNBravo2	20
<b>Downstream:</b>	Sell	Co. A			5
	Sell	Co. L			15

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**TSP:** TSP 2  
**Name:** Co. D  
**Point:** DRNBravo2

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. Z			10
<b>Downstream:</b>	Transport		TSP2_CoD	DRNDelta2	10

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**TSP:** TSP 2  
**Name:** Co. D  
**Point:** DRNDelta2

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Transport		TSP2_CoD	DRNBravo2	10
<b>Downstream:</b>	Sell	Co. D			10

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**TSP:** TSP 2  
**Name:** Co. G  
**Point:** DRNBravo2

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. G			30
<b>Downstream:</b>	Sell	Co. Z			30

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**TSP:** TSP 2  
**Name:** Co. I  
**Point:** DRNBravo2

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. I			10
	Buy	Co. Z			10
<b>Downstream:</b>	Transport		TSP2_Col	DRNDelta2	20

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**TSP:** TSP 2  
**Name:** Co. I  
**Point:** DRNDelta2

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Transport		TSP2_Col	DRNBravo2	20
<b>Downstream:</b>	Sell	Co. M			20

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**TSP:** TSP 2  
**Name:** Co. J  
**Point:** DRNBravo2

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. J			5
<b>Downstream:</b>	Transport		TSP2_CoJ	DRNDelta2	5

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**TSP:** TSP 2  
**Name:** Co. J  
**Point:** DRNDelta2

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Transport		TSP2_CoJ	DRNBravo2	5
<b>Downstream:</b>	Sell	Co. L			5

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**TSP:** TSP 2  
**Name:** Co. Z  
**Point:** DRNBravo2

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. G			30
	Buy	Co. Z			20
<b>Downstream:</b>	Transport		TSP2_CoZ	DRNDelta2	30
	Sell	Co. I			10
	Sell	Co. D			10

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**TSP:** TSP 2  
**Name:** Co. Z  
**Point:** DRNDelta2

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Transport		TSP2_CoZ	DRNBravo2	30
<b>Downstream:</b>	Sell	Co. Z			20
	Sell	Co. M			10

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## Transportation/Title Transfer Transaction Summaries on LDC

**TSP:** LDC  
**Name:** Co. A  
**Point:** DRNDeltaLDC

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. A			20
<b>Downstream:</b>	Transport Sell	Co. L	LDC_CoA	LDC/EndUser	5 15

**TSP:** LDC  
**Name:** Co. D  
**Point:** DRNDeltaLDC

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy Buy	Co. D Co.M			10 30
<b>Downstream:</b>	Transport		LDC_CoD	LDC/EndUser	40

**TSP:** LDC  
**Name:** Co. I  
**Point:** DRNDeltaLDC

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. I			20
<b>Downstream:</b>	Sell	Co. M			20

**TSP:** LDC  
**Name:** Co. J  
**Point:** DRNDeltaLDC

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. J			5
<b>Downstream:</b>	Sell	Co. L			5

**TSP:** LDC  
**Name:** Co. L  
**Point:** DRNDeltaLDC

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. A			15
	Buy	Co. J			5
<b>Downstream:</b>	Sell	Co. N			5
	Transport		LDC_CoL	LDC/EndUser	15

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**TSP:** LDC  
**Name:** Co. M  
**Point:** DRNDeltaLDC

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. I			20
	Buy	Co. Z			10
<b>Downstream:</b>	Sell	Co. D			30

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**TSP:** LDC  
**Name:** Co. N  
**Point:** DRNDeltaLDC

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. L			5
<b>Downstream:</b>	Transport		LDC_CoN	LDC/EndUser	5

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**TSP:** LDC  
**Name:** Co. Z  
**Point:** DRNDeltaLDC

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. Z			20
<b>Downstream:</b>	Transport		LDC_CoZ	LDC/EndUser	20

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## Transportation/Title Transfer Transaction Summaries on TSP 3

**TSP:** TSP 3  
**Name:** Co. J  
**Point:** DRNCharlie3

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. J			5
	Buy	Co. Z			5
<b>Downstream:</b>	Transport		TSP3_CoJ	DRNEcho3	10

**TSP:** TSP 3  
**Name:** Co. J  
**Point:** DRNEcho3

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Transport		TSP3_CoJ	DRNCharlie3	10
<b>Downstream:</b>	Sell	Co. J			10

**TSP:** TSP 3  
**Name:** Co. Z  
**Point:** DRNCharlie3

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Buy	Co. Z			10
<b>Downstream:</b>	Transport		TSP3_CoZ	DRNEcho3	5
	Sell	Co. J			5

**TSP:** TSP 3  
**Name:** Co. Z  
**Point:** DRNEcho3

	<u>Vol Type</u>	<u>Party</u>	<u>Contract</u>	<u>Path Pt.</u>	<u>Units</u>
<b>Upstream:</b>	Transport		TSP3_CoZ	DRNCharlie3	5
<b>Downstream:</b>	Sell	Co. Z			5