

### Adding Transparency and Lowering the Cost of Institutional Trading

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Ian Leverich

SVP, Sales & Client Services Direct: (646) 432-4168

Email: ileverich@abelnoser.com

## Introduction

Founded in 1975 by Stanley S. Abel and Eugene A. Noser, Jr., Abel/Noser has long been respected as a leader in the campaign to lower the costs associated with trading. To that end, we offer a range of effective tools to the asset owner community that help our clients achieve savings.

#### **Value-Added Services**

### **The Abel/Noser Solution**

Transaction Cost Analysis

Transaction Cost Analysis helps asset owners establish best execution practices, reduce costs, and satisfy compliance and regulatory needs.

A/N is a pioneer and the country's leading provider of TCA, serving over 400 Asset Owners, Investment Managers, and Sell-Side Firms.

Commission Recapture

Commission recapture allows clients to save on explicit commission costs over an "execution-only rate" and pay bona fide fund expenses with commissions generated.

A/N is a leading provider of commission recapture, having launched the offering in 1982. We now serve over 650 asset owners.

Program and Block Trading

Electronic trading and portfolio executions are vital tools for institutional investors. Includes global equities, global fixed income, ADR's and ETFs.

A/N works with clients to develop customized, adaptive execution strategies derived from proprietary models and client TCA data.

Transition Management

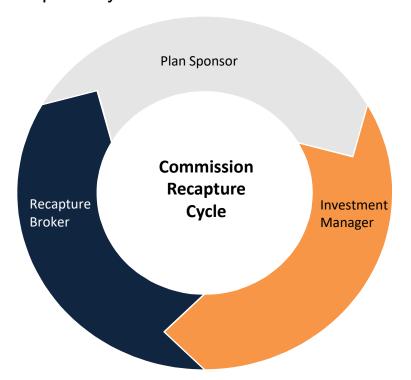
Transition Management allows clients to move portfolios between investment managers while managing market risk and reducing explicit and implicit transaction costs.

TM is a natural extension of A/N's mission to lower the costs of trading for asset owners, and our background in TCA supports measurably superior results.



## **Commission Recapture – How it works**

Commission Recapture Programs are easily implemented, require minimal maintenance and offer an attractive alternative to paying hard dollars for TCA. The Asset Owner's commission dollars that would ordinarily be used by investment managers for their benefit instead flow back to the Fund and the net commissions kept by Abel are applied to the cost of quarterly TCA.



The Asset Owner sends a letter to its Investment Managers requesting a portion of the trading on the Fund's behalf to be executed with a designated recapture broker.

Managers trade with the broker at the "going rate" they pay their other brokers.

The broker keeps a low, execution-only rate and returns the rest of the commissions back to the Asset Owner on a monthly basis.

Example: Manager X trades 100,000 shares of IBM on an Asset Owner's behalf with Abel/Noser at 4¢/share for a total commission of \$4,000. Abel/Noser keeps 1.0¢/share to clear the trade and refunds \$3,000 back to the Asset Owner.



## **Choosing a Commission Recapture Broker**

## Questions

Are they established in the space?

 Can they manage the program?

Will they monitor for best execution?

## **Abel/Noser Solution**

- Having launched Commission Recapture in 1982, Abel/Noser is a pioneer in the space and it remains a Core Competency today. We serve over 650 asset owners and, with our partners in our Correspondent Broker Network, we have established trading relationships with over 1,000 investment managers.
- Manager participation and commission credits are tracked on a consolidated Web portal, streamlining the accounting process and ensuring the timely reconciliation of rebates.
- Abel's industry-leading Trade Cost Analysis is an integral element of our Commission Recapture platform. We provide a high-touch, consultative approach identifying patterns in Managers' execution quality when trading inside and outside of the Program.



## **Trade Cost Analysis – An Overview**

Abel/Noser measures commission, market impact and foreign exchange costs for all separately managed equity accounts, relative to our universe of trade data. By monitoring their investment managers' trading, our clients add transparency and save considerable money, while dedicating little time and limited resources. Our competitive advantages include:

Robust Peer Universe

Web-Based Platform

Consultative Approach A/N's Peer Universe differentiates us from our competitors in terms of both its size and application. The Universe, comprised of over \$7.5 trillion in Principal traded annually, can be segmented based on Market, Capitalization, Style, and Price Trend for "apples to apples" benchmark comparisons.

A/N's web platform, Trade Zoom, streamlines deliverables and allows for drill down capability to the trade level. Reports are scheduled and automatically sent to interested parties.

A/N's team of Client Service representatives meet with clients on a quarterly basis to review the analysis and provide actionable recommendations to improve inefficiencies in the trading process.



## Abel/Noser's TCA Process and Cycle of Deliverables

Client Trade Data Abel Noser Solutions Trade-Zoom Client Execution Results

Production of Client Reports

Consultation with Client

Discussion with Stakeholders

- Client authorizes Custodian to provide trade data to AN
- AN production team reviews the file and processes the trade data
- Client trade executions are compared to our tick level global market data
- AN client services team verifies results for accuracy
- Appropriate benchmark metrics are selected
- Execution costs are measured against our \$7.5 trillion Peer Universe
- A percentile ranking for each metric is computed
- Commission

   and Execution
   costs of Client's
   managers are
   compared to
   those trading
   like strategies
   with similar
   disciplines
- A trend analysis is conducted to identify trading patterns and negative trends
- Custom reports are generated

- AN will meet with Client to interpret the data, explain findings, and recommend a course of action
- Results are shared with Client's managers and engaged in dialogue should some a pattern of high costs emerge

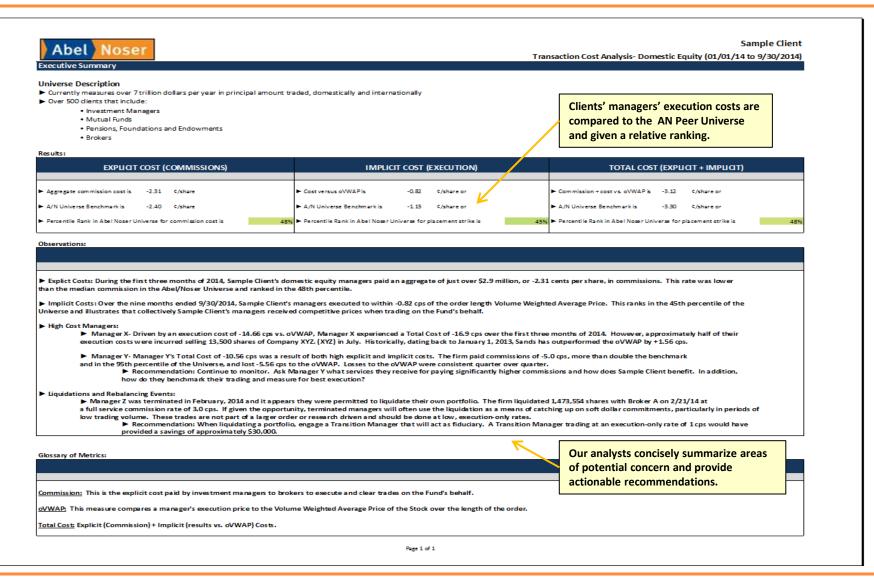


# Sample Report – By Manager

	le Client Manager Summa	ary by Buys /	Sells											
TOTAL - (	Current Period		Commi	ssion Cos	t		Ex	ecution (	Cost / Gain			Tot	al Cost / Gai	'n
	Shares	Principal				oOpnStr	rike Cost /Gaiı	n	oVW	AP Cost / G	ain	oVW#	AP + Commiss	ion
		(000)	Dollars (000)	BP	Rank	Dollars (000)	BP	Rank	Dollars (000)	BP	Rank	Dollars (000)		Rank
otal	6,560,078	\$185,898	-\$153	-8.3	45%	-\$860	-46.2	61%	-\$88	-4.7	60%	-\$241		53%
Buy	2,966,052	\$81,357	-\$71	-8.7	44%	-\$459	-56.4	67%	-\$31	-3.8	52%	-\$101		48%
ell	3,594,026	\$104,541	-\$83	-7.9	44%	-\$401	-38.3	53%	-\$57	-5.5	62%	-\$140	-13.4	55%
l: Mana	ger 1			ssion Cos	t		Ex		Cost / Gain				al Cost / Gai	'n
		(000)	Dollars (000)	BP	Rank	Dollars (000)	BP	Rank		BP	Rank	Dollars (000)	BP	Rank
otal	655,043	\$18,818	-\$13	-7.1	35%	-\$232	-123.2	95%	\$11	5.7	22%	-\$3		14%
Buy	312,076	\$9,375	-\$6	-6.2	29%	-\$76	-81.2	81%	-\$8	-8.0	68%	-\$13		57%
iell	342,967	\$9,442	-\$8	-8.0	40%	-\$156	-164.9	95%	\$18	19.4	5%	\$11	11.5	5%
2: Mana	ger 2			ssion Cos	t _		Ex	ecution (	Cost / Gain			Tot	al Cost / Gai	n
		(000)	ars (000) عدالم	BP	Rank	Dollars (000)	BP	Rank	Dollars (000)	BP	Rank	Dollars (000)	BP	Rank
otal	Each Manager	's Commissio	-\$7	-4.5	40%	-\$75	-47.5	80%	-\$50		95%	-\$57		95%
Buy	_		-72	-3.4	39%	-\$39	-61.0	95%	-\$14	-22.5	95%	-\$17		95%
iell	and Execution	Costs are	-\$5	-5.3	41%	-\$37	-38.5	65%	-\$35	-37.3	95%	-\$40	-42.6	95%
3: Mana	quantified and	compared to	Commi	ssion Cos	t		Ex	ecution (	Cost / Gain			Tot	al Cost / Gai	'n
	•	•	· · · · /000\	BP	Rank	Dollars (000)	BP	Rank	Dollars (000)	BP	Rank	Dollars (900)	ВР	Rank
otal	their peers in t	ne Abei/Nos	er -\$11	-7.2	54%	-\$39	-26.7	50%	\$2	1.4	29%		_	
Buy	Universe.		-\$6	-7.5	59%	-\$38	-50.9	73%	-\$7	-8.9	74%	Relative	e results ar	re heat
Sell			-\$5	-7.0	48%	-\$1	-1.4	25%	\$9	12.2	14%	manne	d to easily	identify
4: Manag	ger 4		Commi	ssion Cos			Fx	ecution (	Cost / Gain				•	•
	5 <del>-</del>	(000)	Dollars (000)	BP	Rank	Dollars (000)	BP	Rank	Dollars (000)	BP	Rank	areas o	f high cost	5.
otal	461,420	\$14,590	-\$12	-8.0	51%	\$15	10.5	13%	-\$13	-8.8	77%	-\$24	-16.8	70%
Buy	190,240	\$6,726	-\$6	-8.3	64%	\$48	71.4	5%	-\$15	-21.7	95%	-\$20	-30.0	95%
Sell	271,180	\$7,864	-\$6	-7.8	42%	-\$33	-41.6	55%	\$2	2.3	30%	-\$4	-5.5	29%
5: Mana	ger 5		Commi	ssion Cos	ŧ		Ex	ecution (	Cost / Gain			Tot	al Cost / Gai	'n
	g + +	(000)	Dollars (000)	BP	Rank	Dollars (000)	BP	Rank	Dollars (000)	BP	Rank	Dollars (000)	ВР	Rank
otal	571,000	\$14,207	-\$21	-14.5	82%	-\$111	-78.3	75%	-\$13	-9.4	74%	-\$34	-23.9	75%
Buy	357,200	\$7,465	-\$12	-16.4	79%	-\$110	-147.4	90%	\$4	5.5	25%	-\$8	-10.9	34%
Sell	213,800	\$6,743	-\$8	-12.3	88%	-\$1	-1.7	25%	-\$17	-25.9	95%	-\$26	-38.2	95%
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		Iradii	ng Profile b	y Style						AK	ei/Noser	Universe	Benchma	rks
Style		Buys		Sells		Total								
		Dollars (K)			% Sell	Dollars (K)	% Total					oOpnStrike	oVWAp	Total
arge Cap		\$15,271	18.8%	\$20,700	19.8%	\$35,971	19.3%				Commission	Cost /Gain	Cost /Gain	
Large Cap Growth		\$12,485	15.3%	\$22,791	21.8%	\$35,277	19.0%				BP	BP	BP	BP
Mid Cap \		\$10,045	12.3%	\$9,740	9.3%	\$19,785	10.6%			L I				
Mid Cap Growth Small Cap Value		\$11,163	13.7%	\$12,730	12.2%	\$23,893	12.9%			Total	-9.2	-34.4	-2.9	-12.4
		\$15,343	18.9%	\$16,866	16.1%	\$32,209	17.3%			Buy	-9.4	-33.7	-3.3	-12.9
	Growth	\$17,050	21.0%	\$21,710	20.8%	\$38,760	20.8%			Sell	-9.1	-35.7	-2.6	-12.0

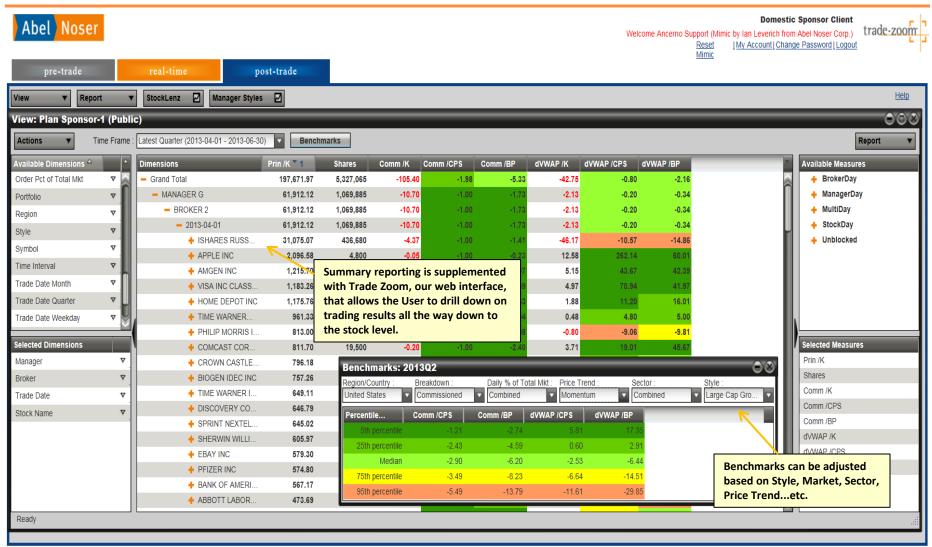


## Sample Report – Executive Summary





## **Trade Zoom Web – Drill Down Capability**





POWERED BY AbelNoser SOLUTIONS

## Trade Zoom Web – Stock Lenz View





# Why measure trading?

### Questions

Shouldn't I trust my managers?

Doesn't it factor into their returns?

What do we do with the results?

### **Abel/Noser Solution**

- There has been no shortage of asset owners being disadvantaged by the trading practices of those supposedly acting in their best interest. Trust but verify!
- Yes, a manager's trading factors directly into their returns. However, if there is an inefficiency in the way they execute trades, an asset owner should not wait until the manager is on a watch-list to address the issue. It is the responsibility of the fiduciary to monitor the commissions being paid out and that best execution is achieved.
- Share the results with your managers. Let them know you are watching and engage them when trends of high costs emerge.



# ey Questions

# **Transition Management – An Overview**

### **Options for Completing an Allocation Change**

	Liquidate & Transfer Cash	Target Manager Execution	Plan-Coordinated Event	Transition Manager	
Is investment exposure maintained?	No	Possibly	Difficult	<u>Yes</u>	
Who shoulders the operational burden?	Trustees / Administrators	Trustees / Administrators & Target Manager	Trustees / Administrators	Transition Manager	
Who has fiduciary responsibility?	Board?	Target Manager? Board?	Board?	Transition Manager	
Is specialized transition reporting available?	No	ý	?	<u>Yes</u>	
Is there performance accountability throughout the process?	No - cash drag	No - legacy intertwined, necessitating performance holiday	ş	<u>Yes</u>	





# **Transition Management – Step by Step**

### Pre-Implementation

### **Trading**

### Post-Implementation

- Build an event timeline clearly delineating all responsibilities, identifying all calendar constraints
- Analyze exposures in legacy and target portfolios, prepare liquidity summary, identify key differences
- Estimate implementation shortfall and range of outcomes

- Neutralize largest exposures
- Multi-venue liquidity aggregation
- Algorithms built out of our TCA expertise
- Real time execution monitoring
- Operations and settlement

- Measure performance with specific reference to pretrade estimate
- Provide comprehensive, straight-forward written report
- 3<sup>rd</sup> party independent evaluation upon request

Communication with all parties throughout the process

Proprietary analytical, trading, and TCA measurement platforms



## **Transition Management – Abel's Approach**

Abel/Noser has been a provider of comprehensive Transition Management services since 1986. Our offering encompasses global equities and global fixed income.

We ranked #1 in overall service in the aiCIO 2013 Transition Management Survey. Highlights of our approach include:

**An Agency-Only Platform** 

**Low Commission Rates** 

Industry-Leading Risk Analytics

Improved Operational Efficiencies

A/N does not take the other side of client trades and we do not trade for our own account, providing a conflict-free business model.

A/N's commission rates are competitive, and we serve as a fiduciary at no added cost.

A/N's array of proprietary pre and post-trade tools are leveraged to the client's benefit in the TM setting.

Our dedicated TM team serves as an extension of your staff, developing a comprehensive blueprint to success and communicating with all parties throughout.



## **Transition Management – Other Implementation Considerations**

### **Qualitative Questions**

Can they trade?

Can they manage the project?

 Will they put the asset owner's interests first?

### **Abel/Noser Solution**

- Our TCA research informs all aspects of our approach, and yields measurably superior executions.
- Client service-oriented project management is at the heart of A/N's TM offering. We strive to be a full-service transition manager, and not just an instrument of best execution. Our team helps asset owners avoid the pitfalls that can crop up in the early phases of the transition process. Our services add value in the planning stage as well as in the implementation stage.
- Our agency-only model is a vital safeguard against the conflicts of interest are inherent in other transition management models. Our sole objective is to act on our client's behalf and get the best possible price in the market.



## **Conclusion**

# **Questions?**

### **Ian Leverich**

SVP, Sales & Client Services

Direct: (646) 432-4168

Email: ileverich@abelnoser.com

