

## SEC-Required Report on Routing of Customer Orders for Quarter Ending December 31, 2016

Lime Brokerage LLC has prepared this report pursuant to a U.S. Securities and Exchange Commission rule requiring all brokerage firms to make publicly available quarterly reports on their order routing practices. The report provides information on the routing of “non-directed orders” – any order that the customer has not specifically instructed to be routed to a particular venue for execution. For these non-directed orders, Lime Brokerage has selected the execution venue on behalf of its customers.

The report is divided into four sections: one for securities listed on the New York Stock Exchange, one for securities listed on the Nasdaq Stock Market, one for securities listed on the American Stock Exchange or regional exchanges, and one for exchange-listed options. For each section, this report identifies the venues most often selected by Lime Brokerage, sets forth the percentage of various types of orders routed to the venues, and discusses the material aspects of Lime Brokerage’s relationship with the venues.

### SECURITIES LISTED ON NEW YORK STOCK EXCHANGE

#### Summary Statistics:

- Non-directed orders as a percentage of total customer orders: 0.826292%
- Market orders as percentage of total non-directed orders: 0.004377%
- Limit orders as percentage of total non-directed orders: 0.000000%
- Other orders as percentage of total non-directed orders: 99.995623%

#### Routing Statistics:

Venues Receiving Significant Percentage of Total Non-Directed Orders	% of Total Non-Directed Orders Received	Market Orders as a % of Total Non-Directed Orders	Limit Orders as a % of Total Non-Directed Orders	Other Orders as a % of Total Non-Directed Orders	Material Aspects of Relationship with Venue
KCG MatchIt ATS	20.709924%	0.000000%	100.000000%	0.000000%	See Endnote #1
KCG Knight Link	17.153248%	0.000000%	100.000000%	0.000000%	See Endnote #1
SIGMA X (Goldman Sachs dark pool)	16.448300%	0.000000%	100.000000%	0.000000%	See Endnote #1
CrossFinder (Credit Suisse dark pool)	9.337949%	0.000000%	100.000000%	0.000000%	See Endnote #1
Bids Trading, L.P. (BIDS ATS)	7.693156%	0.000000%	100.000000%	0.000000%	See Endnote #1
CBX (Instinet dark pool)	6.803583%	0.000000%	100.000000%	0.000000%	See Endnote #1
BATS BYX Exchange	2.783486%	0.000000%	100.000000%	0.000000%	See Endnote #1
BATS BZX Exchange	2.631140%	0.158491%	99.841509%	0.000000%	See Endnote #1
Nasdaq OMX BX	2.202796%	0.000000%	100.000000%	0.000000%	See Endnote #1
Nasdaq Stock Market	1.901882%	0.000000%	100.000000%	0.000000%	See Endnote #1
Level ATS	1.718844%	0.000000%	100.000000%	0.000000%	See Endnote #1
EDGA Exchange	1.709537%	0.000000%	100.000000%	0.000000%	See Endnote #1
EDGX Exchange	1.545294%	0.000000%	100.000000%	0.000000%	See Endnote #1
New York Stock Exchange	1.444907%	0.014304%	99.985696%	0.000000%	See Endnote #1
NYSE Arca	1.227538%	0.000000%	100.000000%	0.000000%	See Endnote #1
Citadel Connect (Citadel Securities dark pool)	1.048864%	0.000000%	100.000000%	0.000000%	See Endnote #1
PDQ ATS	0.755330%	0.000000%	100.000000%	0.000000%	See Endnote #1
Barclays Capital LX dark pool	0.739081%	0.000000%	100.000000%	0.000000%	See Endnote #1

Level ATS	0.727935%	0.000000%	100.000000%	0.000000%	See Endnote #1
ConvergEx Execution Solutions LLC (Millennium ATS)	0.726109%	0.000000%	100.000000%	0.000000%	See Endnote #1
Investors Exchange	0.240417%	0.000000%	100.000000%	0.000000%	See Endnote #1
Nasdaq OMX PSX	0.178452%	0.000000%	100.000000%	0.000000%	See Endnote #1
National Stock Exchange	0.107985%	0.000000%	100.000000%	0.000000%	See Endnote #1
Deutsche Bank SuperX	0.088335%	0.000000%	100.000000%	0.000000%	See Endnote #1
Two Sigma Securities	0.039248%	0.000000%	100.000000%	0.000000%	See Endnote #1
JPMX (JP Morgan Chase dark pool)	0.019942%	0.000000%	100.000000%	0.000000%	See Endnote #1
Citi Cross (Citigroup dark pool)	0.016717%	0.000000%	100.000000%	0.000000%	See Endnote #1

## SECURITIES LISTED ON NASDAQ

### Summary Statistics:

- Non-directed orders as a percentage of total customer orders: 2.817340%
- Market orders as percentage of total non-directed orders: 0.002197%
- Limit orders as percentage of total non-directed orders: 0.000000%
- Other orders as percentage of total non-directed orders: 99.997803%

### Routing Statistics:

Venues Receiving Significant Percentage of Total Non-Directed Orders	% of Total Non-Directed Orders Received	Market Orders as a % of Total Non-Directed Orders	Limit Orders as a % of Total Non-Directed Orders	Other Orders as a % of Total Non-Directed Orders	Material Aspects of Relationship with Venue
KCG Knight Link	23.757760%	0.000000%	100.000000%	0.000000%	See Endnote #1
SIGMA X (Goldman Sachs dark pool)	23.217045%	0.000000%	100.000000%	0.000000%	See Endnote #1
KCG MatchIt ATS	21.448252%	0.000000%	100.000000%	0.000000%	See Endnote #1
CrossFinder (Credit Suisse dark pool)	13.661748%	0.000000%	100.000000%	0.000000%	See Endnote #1
Bids Trading, L.P. (BIDS ATS)	2.047882%	0.000000%	100.000000%	0.000000%	See Endnote #1
BATS BYX Exchange	1.899320%	0.000000%	100.000000%	0.000000%	See Endnote #1
Nasdaq OMX BX	1.674292%	0.000000%	100.000000%	0.000000%	See Endnote #1
Nasdaq Stock Market	1.582315%	0.016937%	99.983063%	0.000000%	See Endnote #1
CBX (Instinet dark pool)	1.559493%	0.000000%	100.000000%	0.000000%	See Endnote #1
BATS BZX Exchange	1.483678%	0.130029%	99.869971%	0.000000%	See Endnote #1
EDGA Exchange	1.210380%	0.000000%	100.000000%	0.000000%	See Endnote #1
EDGX Exchange	1.197949%	0.000000%	100.000000%	0.000000%	See Endnote #1
Citadel Connect (Citadel Securities dark pool)	0.893909%	0.000000%	100.000000%	0.000000%	See Endnote #1
Level ATS	0.851758%	0.000000%	100.000000%	0.000000%	See Endnote #1
NYSE Arca	0.681035%	0.000000%	100.000000%	0.000000%	See Endnote #1

PDQ ATS	0.597792%	0.000000%	100.000000%	0.000000%	See Endnote #1
Level ATS	0.498052%	0.000000%	100.000000%	0.000000%	See Endnote #1
ConvergEx Execution Solutions LLC (Millennium ATS)	0.355475%	0.000000%	100.000000%	0.000000%	See Endnote #1
Investors Exchange	0.279377%	0.000000%	100.000000%	0.000000%	See Endnote #1
Barclays Capital LX dark pool	0.263823%	0.000000%	100.000000%	0.000000%	See Endnote #1
Two Sigma Securities	0.242355%	0.000000%	100.000000%	0.000000%	See Endnote #1
Deutsche Bank SuperX	0.213329%	0.000000%	100.000000%	0.000000%	See Endnote #1
Citi Cross (Citigroup dark pool)	0.151226%	0.000000%	100.000000%	0.000000%	See Endnote #1
Nasdaq OMX PSX	0.097599%	0.000000%	100.000000%	0.000000%	See Endnote #1
National Stock Exchange	0.088206%	0.000000%	100.000000%	0.000000%	See Endnote #1
New York Stock Exchange	0.031097%	0.000000%	100.000000%	0.000000%	See Endnote #1
JPMX (JP Morgan Chase dark pool)	0.014854%	0.000000%	100.000000%	0.000000%	See Endnote #1

## SECURITIES LISTED ON AMERICAN (AMEX) & REGIONAL EXCHANGES

### Summary Statistics:

• Non-directed orders as a percentage of total customer orders:	0.090271%
• Market orders as percentage of total non-directed orders:	0.002461%
• Limit orders as percentage of total non-directed orders:	0.000000%
• Other orders as percentage of total non-directed orders:	99.997539%

### Routing Statistics:

Venues Receiving Significant Percentage of Total Non-Directed Orders	% of Total Non-Directed Orders Received	Market Orders as a % of Total Non-Directed Orders	Limit Orders as a % of Total Non-Directed Orders	Other Orders as a % of Total Non-Directed Orders	Material Aspects of Relationship with Venue
KCG MatchIt ATS	18.179294%	0.000000%	100.000000%	0.000000%	See Endnote #1
SIGMA X (Goldman Sachs dark pool)	15.878128%	0.000000%	100.000000%	0.000000%	See Endnote #1
KCG Knight Link	14.511549%	0.000000%	100.000000%	0.000000%	See Endnote #1
CrossFinder (Credit Suisse dark pool)	9.094608%	0.000000%	100.000000%	0.000000%	See Endnote #1
Bids Trading, L.P. (BIDS ATS)	5.797098%	0.000000%	100.000000%	0.000000%	See Endnote #1
CBX (Instinet dark pool)	5.377180%	0.000000%	100.000000%	0.000000%	See Endnote #1
BATS BYX Exchange	4.146959%	0.000000%	100.000000%	0.000000%	See Endnote #1
BATS BZX Exchange	3.488703%	0.066135%	99.933865%	0.000000%	See Endnote #1
Nasdaq Stock Market	3.381647%	0.000000%	100.000000%	0.000000%	See Endnote #1
NYSE Arca	3.191761%	0.000000%	100.000000%	0.000000%	See Endnote #1
EDGA Exchange	2.808067%	0.000000%	100.000000%	0.000000%	See Endnote #1
EDGX Exchange	2.661711%	0.000000%	100.000000%	0.000000%	See Endnote #1

Nasdaq OMX BX	2.430294%	0.000000%	100.000000%	0.000000%	See Endnote #1
Citadel Connect (Citadel Securities dark pool)	1.578538%	0.000000%	100.000000%	0.000000%	See Endnote #1
Barclays Capital LX dark pool	1.412878%	0.000000%	100.000000%	0.000000%	See Endnote #1
New York Stock Exchange	1.157928%	0.013284%	99.986716%	0.000000%	See Endnote #1
Level ATS	1.153082%	0.000000%	100.000000%	0.000000%	See Endnote #1
Investors Exchange	1.048564%	0.000000%	100.000000%	0.000000%	See Endnote #1
Level ATS	0.668023%	0.000000%	100.000000%	0.000000%	See Endnote #1
PDQ ATS	0.479291%	0.000000%	100.000000%	0.000000%	See Endnote #1
Nasdaq OMX PSX	0.388847%	0.000000%	100.000000%	0.000000%	See Endnote #1
ConvergEx Execution Solutions LLC (Millennium ATS)	0.372696%	0.000000%	100.000000%	0.000000%	See Endnote #1
JPMX (JP Morgan Chase dark pool)	0.344087%	0.000000%	100.000000%	0.000000%	See Endnote #1
Two Sigma Securities	0.190424%	0.000000%	100.000000%	0.000000%	See Endnote #1
Deutsche Bank SuperX	0.150971%	0.000000%	100.000000%	0.000000%	See Endnote #1
National Stock Exchange	0.068756%	0.000000%	100.000000%	0.000000%	See Endnote #1
Citi Cross (Citigroup dark pool)	0.038915%	0.000000%	100.000000%	0.000000%	See Endnote #1

#### EXCHANGE-LISTED OPTIONS

##### Summary Statistics:

- Non-directed orders as a percentage of total customer orders: 0.000000%
- Market orders as a percentage of non-directed orders: 0.000000%
- Limit orders as a percentage of total non-directed orders: 0.000000%
- Other orders as a percentage of total non-directed orders: 0.000000%

##### Routing Statistics:

Venues Receiving Significant Percentage of Total Non-Directed Orders	% of Total Non-Directed Orders Received	Market Orders as a % of Total Non-Directed Orders	Limit Orders as a % of Total Non-Directed Orders	Other Orders as a % of Total Non-Directed Orders	Material Aspects of Relationship with Venue

## Customer Requests for Routing Information

In addition to the above quarterly report, under Regulation NMS Rule 606 customers may request disclosure of the venues to which their non-directed orders were routed in the six months prior to the request, and the times of the transactions, if any, that resulted from such orders. Written requests should be sent to:

Lime Brokerage LLC  
625 Broadway, 12<sup>th</sup> Floor  
New York, NY 10012  
Attn: Compliance Department

SEC Rule 606 exempts broker/dealers from identifying venues that received less than 5% of non-directed orders provided that at least 90% of all non-directed orders are identified. As a result, overall totals may not equal 100%.

Orders entered into an Algorithmic or Smart Order Routing system ("Parent Orders") are considered Not Held and are reflected in the Summary Statistics sections in "Other" orders. Individual orders generated and routed by an Algorithmic or Smart Order Routing system ("Child Orders" or "Child Routes") which are sent as standard Market or standard Limit orders are classified as "Market" or "Limit" orders in the Routing Statistics sections of this report. "Other" orders in the Routing Statistics sections include orders that request special handling (Stop orders, All-or-None orders, market opening or market closing orders, etc.).

This report has been prepared solely for information purposes and in compliance with Rule 606 (formerly 11Ac1-6) under the Securities Exchange Act of 1934) under Regulation NMS. The information provided herein is not intended to, and does not, encompass all the factors to be considered in a best execution analysis and related order routing determinations. Other factors may be relevant to evaluating the quality of order execution.

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## Endnotes

- #1 Lime may receive payment for directing orders to this venue, which consists primarily of market liquidity rebates. The source and nature of such compensation received will be furnished upon written request.