

# Order Routing

Report Period: 1st QTR, 2017

## Securities Listed on NYSE

**Summary Statistics: (As percentage of total customer orders and non-directed orders):**

Order Type	Percentage
Non-directed	100%
Market orders	0%
Limit orders	0%
Other orders	100%

**Venues Receiving Significant Percentage of Total Non-Directed Orders:**

Venue	Percentage
Knight Execution & Clearing Services	31.22%
UBS Securities, LLC	12.31%
NASDAQ	8.96%
Clearpool Execution Services, LLC	8.90%
FIS Brokerage & Securities Services, LLC	7.58%
Bank Of America Merrill Lynch	5.96%

## Information Concerning Significant Venues

**Types of Orders Routed to Venue:**

		Market Orders	Limit Orders	Other Orders	Material Aspects of Relationship w/ this Venue
1	Knight Execution & Clearing Services	0.00%	0.00%	100.00%	<u>No Material</u>
2	UBS Securities, LLC	0.00%	0.00%	100.00%	<u>No Material</u>
3	NASDAQ	0.00%	0.00%	100.00%	<u>NASDAQ Material</u>
4	Clearpool Execution Services, LLC	0.00%	0.00%	100.00%	<u>No Material</u>
5	FIS Brokerage & Securities Services, LLC	0.00%	0.00%	100.00%	<u>No Material</u>
6	Bank Of America Merrill Lynch	0.00%	0.00%	100.00%	<u>No Material</u>

## Securities Listed on NASDAQ

**Summary Statistics: (As percentage of total customer orders and non-directed orders):**

Order Type	Percentage
Non-directed	100%
Market orders	0%
Limit orders	0%
Other orders	100%

**Venues Receiving Significant Percentage of Total Non-Directed Orders:**

Venue	Percentage
Knight Execution & Clearing Services	53.73%
Credit Suisse First Boston Corporation	9.19%
UBS Securities, LLC	6.33%
NASDAQ	6.32%
Clearpool Execution Services, LLC	6.29%

**Information Concerning Significant Venues**

**Types of Orders Routed to Venue:**

		Market Orders	Limit Orders	Other Orders	Material Aspects of Relationship w/ this Venue
1	Knight Execution & Clearing Services	0.00%	0.00%	100.00%	<u>No Material</u>
2	Credit Suisse First Boston Corporation	0.00%	0.00%	100.00%	<u>No Material</u>
3	UBS Securities, LLC	0.00%	0.00%	100.00%	<u>No Material</u>
4	NASDAQ	0.00%	0.00%	100.00%	<u>NASDAQ Material</u>
5	Clearpool Execution Services, LLC	0.00%	0.00%	100.00%	<u>No Material</u>

## Securities Listed on AMEX/Other Exchanges

Summary Statistics: (As percentage of total customer orders and non-directed orders):

Order Type	Percentage
Non-directed	100%
Market orders	0%
Limit orders	0%
Other orders	100%

Venues Receiving Significant Percentage of Total Non-Directed Orders:

Venue	Percentage
Knight Execution & Clearing Services	66.25%
Goldman Sachs Execution & Clearing, L.P.	6.39%
Bank Of America Merrill Lynch	5.08%

Information Concerning Significant Venues

Types of Orders Routed to Venue:

		Market Orders	Limit Orders	Other Orders	Material Aspects of Relationship w/ this Venue
1	Knight Execution & Clearing Services	0.00%	0.00%	100.00%	<u>No Material</u>
2	Goldman Sachs Execution & Clearing, L.P.	0.00%	0.00%	100.00%	<u>No Material</u>
3	Bank Of America Merrill Lynch	0.00%	0.00%	100.00%	<u>No Material</u>

## Exchange Listed Options

Summary Statistics: (As percentage of total customer orders and non-directed orders):

Order Type	Percentage
Non-directed	100%
Market orders	0%
Limit orders	0%
Other orders	100%

Venues Receiving Significant Percentage of Total Non-Directed Orders:

Venue	Percentage
PCX ( (P) Pacific Exchange )	38.93%
DASH ( (D) Dash Financial Options )	36.44%

AMEX ( (A) American Stock Exchange )	11.46%
CBOE ( (C) Chicago Board Options Exchange )	6.34%

**Information Concerning Significant Venues**

**Types of Orders Routed to Venue:**

		<b>Market Orders</b>	<b>Limit Orders</b>	<b>Other Orders</b>	<b>Material Aspects of Relationship w/ this Venue</b>
1	PCX ( (P) Pacific Exchange )	0.00%	0.00%	100.00%	<u>No Material</u>
2	DASH ( (D) Dash Financial Options )	0.00%	0.00%	100.00%	<u>No Material</u>
3	AMEX ( (A) American Stock Exchange )	0.00%	0.00%	100.00%	<u>No Material</u>
4	CBOE ( (C) Chicago Board Options Exchange )	0.00%	0.00%	100.00%	<u>CBOE Material</u>

Upon request, JonesTrading will provide to customers information on the order routing of their orders pursuant to SEC Rule 606. Customers may submit a request for a written copy of the report by emailing [compliance@jonestrading.com](mailto:compliance@jonestrading.com)"

Customers may request the identity of the venue where specific orders were routed for execution for any order in the previous six (6) months by sending a written request to:

JonesTrading Institutional Services  
 Attn: Compliance Department  
 32133 Lindero Canyon Road  
 Suite 208  
 Westlake Village, CA 91361

Please include the security and trade date with your request.