

# Interactive Brokers Rule 606 Quarterly Order Routing Report

## Quarter Ending December 31, 2019

### I. Introduction

Interactive Brokers (“IBKR”) has prepared this report pursuant to a U.S. Securities and Exchange Commission (“SEC”) rule requiring all brokerage firms to make publicly available quarterly reports describing their order routing practices. This report is intended to describe how and where customer orders are routed when customers submit non-directed orders rather than directing their order to a particular market center.

IBKR provides brokerage clients two different account offerings: (1) IBKR-PRO; and (2) IBKR-LITE. Subject to certain restrictions, clients may choose between either offering depending on which they decide best satisfies their trading objectives and goals. These offerings are designed to give IBKR clients the flexibility to prioritize the opportunity for zero-commission trades versus the amount and likelihood of price improvement they receive on trades.

Any reference in this report to IBKR SmartRouting<sup>SM</sup> pertains to IBKR-PRO activity. Any reference in this report to IBKR submitting orders to market makers for execution pertains to IBKR-LITE activity.

1. **IBKR's Order Routing System:** Please see the [IBKR Order Routing and Payment For Order Flow Disclosure](#) for details on IBKR's order routing offerings.

2. **Payment for Orders, Dark Pools, Liquidity Provider and Affiliate Relationships:**

#### A. IBKR-LITE Orders

- a. **IBKR-LITE Orders in NMS Stocks and ETFs:** IBKR-LITE clients are generally charged zero commission for NMS stock and ETF orders. IBKR-LITE orders are generally routed to select over-the-counter market-makers (“Market Makers”) for handling. IBKR's agreements with the Market Makers provide Interactive Brokers payment for order flow from each Market Maker for trades executed with that Market Maker. IBKR may also route IBKR-LITE orders to another broker, ATS, or exchange (each an “Away Route”), in which case IBKR may collect payment for order flow for trades executed at or through that Away Route.

IBKR may at times route an IBKR LITE order using its SmartRouting functionality (as if the client had chosen the IBKR-PRO offering), but will still charge no commission on any resulting trades. See the [IBKR Order Routing and Payment For Order Flow Disclosure](#) for details.

- b. **Other Products:** For products not entitled to zero-commission trading under IBKR-LITE, the same commission structure will apply to both IBKR-LITE and IBKR-PRO. Where available, a “FIXED” commission model will apply to IBKR-LITE clients for such products. For more information, see below and at [ibkr.com/commissions](http://ibkr.com/commissions).

#### B. IBKR-PRO Orders

- a. **Dark Pool and ATS Executions for Clients' Marketable Stock and ETF Orders:** IBKR maintains connections to "dark pool" ATSs ("Routeaway Dark

Pools") that may execute IBKR-PRO client marketable orders in NMS stocks. IBKR clients benefit from IBKR's access to dark pools. Dark pools provide a source of substantial additional liquidity. Dark pools generally charge no execution fees or lower execution fees than exchanges. Dark pools also provide fast executions and the possibility of executions at prices more favorable than the prevailing NBBO.

IBKR receives rebate payments for routing and executing marketable client orders for Regulation NMS stocks at some Routeaway Dark Pools. As of May 29, 2018, IBKR generally passes the amount (or approximate amount) of any such rebate to (i) Tiered-commission IBKR-PRO clients as a venue rebate; and to (ii) Fixed-commission IBKR-PRO clients in the form of a reduction to the standard U.S. stock commission.

- b. **Liquidity Provider Relationships in the IBKR ATS and Executions of Client Orders Against Those Liquidity Providers in the IBKR ATS:** IBKR has entered into arrangements with certain institutions under which such institutions may send liquidity-adding orders in NMS stocks to the IBKR ATS. These orders are held within the IBKR ATS and are not displayed in the national market. If an IBKR-PRO client marketable order could be immediately executed against such an order held in the IBKR ATS (at the NBBO or at a better price than the NBBO), the orders may be crossed and the execution reported to the National Market System. This arrangement provides potential extra liquidity (size) for IBKR-PRO client orders and may provide faster executions (since the orders do not have to be routed out to an exchange), as well as providing the possibility of Price Improvement (since the orders may be executed at a better price than available on an exchange).

IBKR may receive payment in the form of commissions or commission equivalents from the liquidity providers for these executions in the IBKR ATS. In the event that IBKR receives any such payment, IBKR generally passes the amount (or approximate amount) of the benefit to clients that select the IBKR-PRO commission structure as follows: To (i) Tiered-commission IBKR-PRO clients as a venue rebate; and to (ii) Fixed-commission IBKR-PRO clients in the form of a reduction to the standard U.S. stock commission.

**D. Per Share Rebate Amounts for Regulation NMS Stocks and ETFs:** Below are the average per share rebate amounts that Interactive Brokers received from market centers and/or Market Makers that executed a significant percentage of non-directed orders in Regulation NMS stocks and ETFs sent to those market centers or Market Makers by IBKR during the prior quarter.

Please note that Interactive Brokers does not retain all of the rebate amounts paid to IBKR by market centers. A significant portion of the rebates are passed to IBKR clients. If an exchange or "lit" ATS offers a rebate, IBKR passes the rebate directly to the client if the client has chosen IBKR's Tiered commission schedule. If an order is executed in a dark pool or in the IBKR ATS, customers choosing the Tiered commission schedule pay no venue fee and receive a per-share rebate based on roughly 50% of the blended average payments IBKR receives. In many cases where IBKR receives a rebate for executing an order, a client choosing the Fixed Rate commission schedule will pay a discounted commission.

Market Center or Marker Maker	Average Rebate per Share (in cents)
CBOE BYX Exchange	.05
CBOE BZX Exchange	.21
CBOE EDGA Exchange	.20
CBOE EDGX Exchange	.14
Interactive Brokers ATS	.00
Jane Street Execution Services (IBKR-PRO)	.35
Nasdaq	.29
New York Stock Exchange	.18
NYSE American	.00
NYSE Arca	.25

**F. Options:** IBKR does not deliver its option orders to another broker to handle and route. Rather, IBKR employs its SmartRouting system which is designed to try to achieve the best execution for client option orders. The SmartRouting system is designed to achieve an execution price at or better than the NBBO by utilizing relationships with liquidity providers, who may provide Price Improvement through the various auction and Price Improvement mechanisms offered under U.S. option exchange rules. These relationships benefit IBKR clients, who may receive Price Improvement for their options orders. IBKR may receive payment in the form of commissions or other payments from the liquidity providers for these executions.

Several options exchanges impose "maker-taker" fees and rebates, in which exchange members are charged for orders that take liquidity (i.e., marketable orders that trade against a posted quote or limit order) and receive a rebate for orders that add liquidity to the exchange (i.e., non-marketable limit orders that are posted and then trade against incoming marketable orders), or vice versa. The charges imposed or rebates offered by these exchanges affect the total cost of execution, and IBKR's SmartRouting System takes this into account in determining where to route option orders - trying to minimize the costs that clients incur. If multiple exchanges are quoting at the NBBO for an option order and IBKR has discretion as to where to send the order or a portion of it, IBKR generally will "break the tie" by sending the order to an exchange where it will receive the most payment for the order.

Under certain circumstances, IBKR may route a marketable option order to an exchange that is not currently posting the NBBO but which may be willing to execute the order at the NBBO or may reroute the order to an exchange that is displaying a quote at the NBBO . Generally, IBKR will do this in order to avoid or reduce the fee for executing the order, compared to routing to a different exchange. IBKR generally will share the economic benefit of routing orders in this manner with clients in the form of reduced execution fees, although IBKR does not guarantee that it will share such benefit. In addition, in the limited circumstances where IBKR routes orders in this manner, IBKR generally guarantees a fill at the NBBO at the time the order was routed.

Under IBKR's Tiered commission model, IBKR passes to Tiered-commission clients some or all of certain rebate payments that IBKR receives for executing option orders, although the Tiered-commission model is not intended to be a direct pass-through of exchange and third-party fees and rebates. For example, IBKR may receive enhanced rebate payments for exceeding volume thresholds on particular markets, but typically will not directly pass these enhancements to clients. Likewise, IBKR does not pass to clients all of the rebates IBKR may receive for liquidity taking orders, complex orders or orders executed in price improvement auctions. Traditional exchange payment for order flow programs result in payments to specialists or primary market makers, some portion of which may be paid on to IBKR. IBKR does not pass these payments directly to clients.

## G. Per Contract Rebate Amounts for U.S. Options

Below are the average per contract rebates that Interactive Brokers received from market centers that executed orders in U.S. options sent to those market centers during the prior quarter.

Market Center	Average Rebate per Contract (in cents)
Chicago Board Options Exchange	14.07
CBOE BZX Exchange	54.24
CBOE C2 Exchange	46.03
ISE Gemini	50.00
MIAX Emerald Exchange	50.86
Nasdaq OMX PHLX	13.70
Nasdaq Options Market	49.42
NYSE American Options	12.21
NYSE Arca Options	51.31

3. **Affiliate Investments in Exchanges:** An affiliate or affiliates of Interactive Brokers LLC own(s) minority interests in OneChicago (security futures exchange) and a substantial, minority investment in the Boston Options Exchange Group LLC, which operates the BOX Options Exchange.

## II. Order Routing Information for Particular Types of Securities

This section provides statistical and other information about orders that are sent through IBKR's SmartRouting systems or routed to select Market Makers for the following types of securities: New York Stock Exchange ("NYSE") listed stocks; Nasdaq stocks; Stocks listed on NYSE American (formerly "NYSE Amex") or regional exchanges; and exchange-listed options. For each of these types of securities, this section identifies the market centers and Market Makers most often selected by IBKR and the percentage of various types of orders sent to those market centers and Market Makers.\* This section also addresses material relationships of IBKR and its affiliates to each of the listed market centers or Market Makers.

### A. NYSE Stocks

#### Summary Statistics:

Percentage of total orders that were non-directed.....	95.7%
Percentage of total non-directed orders that were market orders....	9.0%
Percentage of total non-directed orders that were limit orders.....	70.3%
Percentage of total non-directed orders that were other orders.....	20.8%

#### Market Centers/Market Makers Receiving Significant Percentage of Non-Directed Orders

1. NYSE:	
	Percentage of total non-directed orders..... 59.8%
	Percentage of non-directed market orders.... 23.5%

\* IBKR calculates separate percentages of non-directed orders routed to retail liquidity program platforms of an exchange. In Q4 2019, IBKR routed the following percentage of orders to NYSE Retail Liquidity Program: Percentage of total non-directed orders 0.2%; Percentage of non-directed market orders 0.7%; Percentage of non-directed limit orders 0.2%; Percentage of non-directed other orders 0.1%. In Q4 2019, IBKR routed the following percentage of orders to Nasdaq Retail Liquidity Program: Percentage of total non-directed orders 0.1%; Percentage of non-directed market orders 0.4%; Percentage of non-directed limit orders 0.1%; Percentage of non-directed other orders 0.1%.

	Percentage of non-directed limit orders.....	57.4%
	Percentage of non-directed other orders.....	83.5%
2.	NASDAQ:	
	Percentage of total non-directed orders.....	15.9%
	Percentage of non-directed market orders.....	6.4%
	Percentage of non-directed limit orders.....	20.2%
	Percentage of non-directed other orders.....	5.5%
3.	IBKR ATS:	
	Percentage of total non-directed orders.....	7.1%
	Percentage of non-directed market orders.....	26.2%
	Percentage of non-directed limit orders.....	5.7%
	Percentage of non-directed other orders.....	3.5%
4.	NYSE ARCA:	
	Percentage of total non-directed orders.....	2.8%
	Percentage of non-directed market orders.....	1.3%
	Percentage of non-directed limit orders.....	3.6%
	Percentage of non-directed other orders.....	0.6%
5.	CBOE EDGX EXCHANGE:	
	Percentage of total non-directed orders.....	2.1%
	Percentage of non-directed market orders.....	3.1%
	Percentage of non-directed limit orders.....	2.4%
	Percentage of non-directed other orders.....	0.8%
6.	CBOE EDGA EXCHANGE:	
	Percentage of total non-directed orders.....	1.9%
	Percentage of non-directed market orders.....	6.8%
	Percentage of non-directed limit orders.....	1.5%
	Percentage of non-directed other orders.....	0.8%
7.	CBOE BYX EXCHANGE:	
	Percentage of total non-directed orders.....	1.4%
	Percentage of non-directed market orders.....	3.6%
	Percentage of non-directed limit orders.....	1.4%
	Percentage of non-directed other orders.....	0.5%

#### Material Aspects of IBKR Relationship with Execution Venues for NYSE Stocks

As described more fully above, Interactive Brokers receives payments from certain market centers for marketable orders in NYSE stocks. IBKR also operates an Alternative Trading System (ATS) registered under Regulation ATS, where it executes trades internally on its own platform (not on an exchange or other market) among multiple customers and liquidity providers.

As described more fully above, all orders routed to Market Makers for handling are IBKR-LITE orders. IBKR-LITE customers are generally not charged commissions for NMS stock or ETF orders. IBKR receives payment for order flow from each Market Maker.

## B. Nasdaq Stocks

### Summary Statistics:

Percentage of total orders that were non-directed.....	97.7%
Percentage of total non-directed orders that were market orders....	8.1%
Percentage of total non-directed orders that were limit orders.....	74.0%
Percentage of total non-directed orders that were other orders.....	17.9%

### Market Centers/Market Makers Receiving Significant Percentage of Non-Directed Orders

1.	NASDAQ:	
	Percentage of total non-directed orders.....	73.8%
	Percentage of non-directed market orders.....	24.9%
	Percentage of non-directed limit orders.....	76.3%
	Percentage of non-directed other orders.....	85.3%
2.	IBKR ATS:	
	Percentage of total non-directed orders.....	8.7%
	Percentage of non-directed market orders.....	35.3%
	Percentage of non-directed limit orders.....	6.7%
	Percentage of non-directed other orders.....	5.2%
3.	NYSE ARCA:	
	Percentage of total non-directed orders.....	3.5%
	Percentage of non-directed market orders.....	2.0%
	Percentage of non-directed limit orders.....	4.2%
	Percentage of non-directed other orders.....	1.0%
4.	CBOE EDGX EXCHANGE	
	Percentage of total non-directed orders.....	2.6%
	Percentage of non-directed market orders.....	3.6%
	Percentage of non-directed limit orders.....	2.8%
	Percentage of non-directed other orders.....	1.2%
5.	CBOE BZX EXCHANGE	
	Percentage of total non-directed orders.....	1.5%
	Percentage of non-directed market orders.....	2.2%
	Percentage of non-directed limit orders.....	1.5%
	Percentage of non-directed other orders.....	1.1%

### Material Aspects of IBKR Relationship with Execution Venues for Nasdaq Stocks

As described more fully above, Interactive Brokers receives payments from certain market centers for marketable orders in Nasdaq stocks. IBKR also operates an ATS registered under Regulation ATS, where it executes trades internally on its own platform (not on an exchange or other market) among multiple customers and liquidity providers.

As described more fully above, all orders routed to Market Makers for handling are IBKR-LITE orders. IBKR-LITE customers are generally not charged commissions for NMS stock or ETF orders. IBKR receives payment for order flow from each Market Maker.

## C. NYSE AMERICAN and Regional Exchange-Listed Stocks

### Summary Statistics:

Percentage of total orders that were non-directed.....	97.7%
Percentage of total non-directed orders that were market orders....	10.6%
Percentage of total non-directed orders that were limit orders.....	69.1%
Percentage of total non-directed orders that were other orders.....	20.3%

### Market Centers/Market Makers Receiving Significant Percentage of Non-Directed Orders

1.	NYSE ARCA (IBKR-PRO Orders):	
	Percentage of total non-directed orders.....	50.2%
	Percentage of non-directed market orders.....	27.5%
	Percentage of non-directed limit orders.....	51.0%
	Percentage of non-directed other orders.....	59.1%
2.	NASDAQ:	
	Percentage of total non-directed orders.....	18.8%
	Percentage of non-directed market orders.....	6.2%
	Percentage of non-directed limit orders.....	23.8%
	Percentage of non-directed other orders.....	8.5%
3.	IBKR ATS:	
	Percentage of total non-directed orders.....	6.2%
	Percentage of non-directed market orders.....	21.5%
	Percentage of non-directed limit orders.....	4.9%
	Percentage of non-directed other orders.....	2.6%
4.	NYSE American:	
	Percentage of total non-directed orders.....	4.2%
	Percentage of non-directed market orders.....	0.8%
	Percentage of non-directed limit orders.....	3.0%
	Percentage of non-directed other orders.....	10.4%
5.	CBOE EDGX EXCHANGE:	
	Percentage of total non-directed orders.....	3.3%
	Percentage of non-directed market orders.....	4.5%
	Percentage of non-directed limit orders.....	3.3%
	Percentage of non-directed other orders.....	2.7%
6.	CBOE BZX EXCHANGE:	
	Percentage of total non-directed orders.....	2.8%
	Percentage of non-directed market orders.....	1.4%
	Percentage of non-directed limit orders.....	1.5%
	Percentage of non-directed other orders.....	8.0%
7.	JANE STREET EXECUTION SERVICES:	
	Percentage of total non-directed orders.....	2.8%
	Percentage of non-directed market orders.....	9.8%
	Percentage of non-directed limit orders.....	2.2%
	Percentage of non-directed other orders.....	0.8%

8.	<b>CBOE BYX EXCHANGE:</b>	
	Percentage of total non-directed orders.....	2.3%
	Percentage of non-directed market orders.....	4.0%
	Percentage of non-directed limit orders.....	2.2%
	Percentage of non-directed other orders.....	1.7%

Material Aspects of IBKR Relationship with Execution Venues for NYSE AMERICAN and Other Regional Exchange-Listed Stocks

As described more fully above, Interactive Brokers receives payments from certain market centers for marketable orders in NYSE American (formerly NYSE Amex) stocks. IBKR also operates an ATS registered under Regulation ATS, where it executes trades internally on its own platform (not on an exchange or other market) among multiple customers and liquidity providers.

As described more fully above, all orders routed to Market Makers for handling are IBKR-LITE orders. IBKR-LITE customers are generally not charged commissions for NMS stock or ETF orders. IBKR receives payment for order flow from each Market Maker.

**D. Exchange-Listed Options**

Summary Statistics:

Percentage of total orders that were non-directed (i.e., sent using IBKR’s SmartRouting).....	99.6%
Percentage of total non-directed orders that were market orders...	2.0%
Percentage of total non-directed orders that were limit orders.....	82.0%
Percentage of total non-directed orders that were other orders.....	15.9%

Market Centers Receiving Significant Percentage of Non-Directed Orders

1.	<b>THE NASDAQ OPTIONS MARKET (“NOM”):</b>	
	Percentage of total non-directed orders.....	32.0%
	Percentage of non-directed market orders....	5.6%
	Percentage of non-directed limit orders.....	31.8%
	Percentage of non-directed other orders.....	36.2%
2.	<b>NYSE ARCA OPTIONS:</b>	
	Percentage of total non-directed orders.....	19.1%
	Percentage of non-directed market orders....	6.4%
	Percentage of non-directed limit orders.....	17.6%
	Percentage of non-directed other orders.....	28.3%
3.	<b>ISE GEMINI EXCHANGE:</b>	
	Percentage of total non-directed orders.....	10.2%
	Percentage of non-directed market orders....	2.6%
	Percentage of non-directed limit orders.....	9.8%
	Percentage of non-directed other orders.....	13.5%
4.	<b>CHICAGO BOARD OPTIONS EXCHANGE (“CBOE”):</b>	
	Percentage of total non-directed orders.....	7.0%
	Percentage of non-directed market orders....	9.9%
	Percentage of non-directed limit orders.....	8.1%
	Percentage of non-directed other orders.....	0.8%



5.	NYSE AMERICAN OPTIONS:		
		Percentage of total non-directed orders.....	6.5%
		Percentage of non-directed market orders....	1.9%
		Percentage of non-directed limit orders.....	7.7%
		Percentage of non-directed other orders.....	0.7%
6.	CHICAGO BOARD OPTIONS EXCHANGE 2:		
		Percentage of total non-directed orders.....	5.4%
		Percentage of non-directed market orders....	5.0%
		Percentage of non-directed limit orders.....	4.5%
		Percentage of non-directed other orders.....	10.2%
7.	CBOE BZX OPTIONS EXCHANGE:		
		Percentage of total non-directed orders.....	4.6%
		Percentage of non-directed market orders....	4.1%
		Percentage of non-directed limit orders.....	4.4%
		Percentage of non-directed other orders.....	5.7%
8.	NASDAQ OMX PHLX (“PHLX”):		
		Percentage of total non-directed orders.....	3.2%
		Percentage of non-directed market orders....	11.4%
		Percentage of non-directed limit orders.....	3.5%
		Percentage of non-directed other orders.....	0.4%
9.	MIAX EMERALD EXCHANGE:		
		Percentage of total non-directed orders.....	2.4%
		Percentage of non-directed market orders....	1.3%
		Percentage of non-directed limit orders.....	2.6%
		Percentage of non-directed other orders.....	1.3%

#### Material Aspects of IBKR Relationship with Listed Option Market Centers

**Equity Investment in Boston Options Exchange Group LLC:** An affiliate under common control with IBKR has a substantial, minority investment in the Boston Options Exchange Group LLC, which operates the Boston Options Exchange.

**Payment for Orders:** IBKR receives payments for certain orders in varying amounts from U.S. options exchanges, specialists and/or market makers pursuant to the mandatory marketing fee programs that have been adopted by the exchanges and approved by the SEC. If multiple exchanges are quoting at the NBBO for an option order and IBKR has discretion as to where to send the order or a portion of it, IBKR generally will “break the tie” by sending the order to an exchange where it will receive the most payment for the order, or to an exchange designated by a firm from whom IBKR will receive the most payment at that market.

Several options exchanges, including BOX and NYSE ARCA, have adopted a “maker-taker” market structure, in which exchange members are charged for orders that take liquidity from the exchange (*i.e.*, marketable orders that trade against a posted quote or limit order) and receive a rebate for orders that provide liquidity to the exchange (*i.e.*, non-marketable limit orders that are posted and then trade against incoming marketable orders) or vice-versa. The charges imposed or rebates offered by these exchanges affect the total cost of execution and IBKR’s SmartRouting System may take this into account in determining where and how to route option orders. For example, for certain types of orders, when certain exchanges are posting the best price, IBKR may route to a certain exchange and rely on the option

intermarket linkage to get an execution at the NBBO at the lowest total execution cost (but only for those orders that have a high likelihood of being filled at the NBBO after linkage).

### **III. Order Routing Information for Particular Orders**

In addition to the quarterly reports, under Rule 606 of SEC Regulation NMS, a broker-dealer is required upon customer request to provide information regarding the identity of the market center to which the customer's orders were routed for execution in the six months prior to the request, whether the order was a directed or non-directed order, and the time of the transaction, if any, that resulted from such order. Please contact the IBKR Customer Service Desk in writing through the IBKR website at [interactivebrokers.com](http://interactivebrokers.com) if you wish to receive the foregoing routing information for any order(s) that you submitted within the past six months. Please type "Request for Order Routing Information" in the subject line of your request and please include your name, user id and account number as well as the date of the order(s), the security, the quantity, and any other information necessary to identify the order(s) (e.g., the time of day if there were several similar orders that day).