STONEHAGE FLEMING INVESTMENT MANAGEMENT

QUALITATIVE AND QUANTITATIVE DATA FOR THE PURPOSE OF RTS 28/ART 65(6) REPORT

April 2021



NOW AND FOR FUTURE GENERATIONS

CONTENTS

RTS 28 SUMMARY ANALYSIS	3
QUALITATIVE DATA FOR THE PURPOSE OF RTS 28/ART 65(5) REPORT4
QUANTITATIVE DATA FOR THE PURPOSE OF RTS 28/ART 65 PROFESSIONAL CLIENTS	
QUANTITATIVE DATA FOR THE PURPOSE OF RTS 28/ART 65 RETAIL CLIENTS	



RTS 28 SUMMARY ANALYSIS

RTS 28 Summary Analysis

In accordance with the MiFID II best execution obligation, Stonehage Fleming takes all sufficient steps to obtain the best possible result when executing or transmitting orders on behalf of our retail and professional clients, taking into account the execution factors, which include price, costs, speed, likelihood of execution and settlement, size, nature or any other consideration relevant to the execution of the order.

To ensure that we constantly are able to deliver best execution to our clients, we monitor on an ongoing basis the quality of execution provided by venues and brokers, and whether these continue to meet our standards.

This report provides an analytical summary drawn from our best execution monitoring, together with a list of the top five execution venues and brokers used to execute retail and professional client orders in each class of financial instrument, as per article 3(3) of Commission Delegated Regulation (EU) 2017/576 of 8 June 2016 supplementing Directive 2014/65/EU ("MiFID II")



QUALITATIVE DATA FOR THE PURPOSE OF RTS 28/ART 65(6) REPORT

Trade orders are handled by a centralised Dealing Team, who place orders for execution with approved counterparties. The exception to this is where there is a requirement to pass the trade to the client's custodian for execution.

REQUIREMENT	OUR RESPONSE
Article 3(3): Investment firms shall publish for each class of financial instruments , a summary of the analysis and conclusions they draw from their detailed monitoring of the quality of execution obtained on the execution venues where they executed all client orders in the previous year. The information shall include:	Equity With the exception of the scenario in (b) our responses on Equity relate purely to the orders which the Stonehage Fleming Investment Management (SFIM) Dealing Team place with approved counterparties for execution.
a) an explanation of the relative importance the firm gave to the execution factors of price, costs, speed, likelihood of execution or any other consideration including qualitative factors when assessing the quality of execution;	Each client order that is transacted is inherently unique in its characteristics and market conditions are never constant. The relative importance of the execution factors is therefore variable. For most of our clients the best possible result will generally be determined in terms of the total consideration for the transaction, representing the price of the financial instrument and the cost related to execution.
	However, it should be noted speed of execution, likelihood of execution, timeliness of settlement, the size and nature of the order, and market impact may affect the eventual transaction price.
	While price is often an important execution factor, there will be situations when this is not the priority when executing a trade. Examples include:
	 for less liquid stocks, the likelihood of execution and provision of liquidity may be more important than price;
	 when raising cash to fund portfolio outflows, speed may take priority over price;
	 the volatility of price may make timeliness a greater priority;
	 the choice of execution venue may be limited for certain instruments (e.g. orders may have to be passed to the clients' custodian for execution).
 b) a description of any close links, conflicts of interests, and common ownerships with respect to any execution venues used to execute orders; 	Stonehage Fleming Treasury Limited ('SFT') is part of the Stonehage Fleming Group. SFT provides custody and execution services to some SFIM clients. Primarily, these clients are classified as Professional Clients.



C)	a description of any specific arrangements with any execution venues regarding payments made or received, discounts, rebates or non-monetary benefits received;	The Firm does not receive payments, discounts, rebates or non-monetary benefits in its trading arrangements.
d)	an explanation of the factors that led to a change in the list of execution venues listed in the firm's execution policy, if such a change occurred;	Brokerage firms remain on our list of execution venues subject to an authorisation and ongoing monitoring process, which includes, but is not limited to, the broker's credit worthiness and financial stability, a review of the performance of execution services provided by the broker, and the broker's ability to trade effectively on our clients' behalf.
		Execution costs across our direct brokerage relationships are standardised across security types. We maintain strong relationships with our counterparties to ensure these costs reflect the service we receive.
		During the period, we added significant additional expertise and coverage of UK small and mid-cap stocks in Global equities in order to facilitate the integration of Cavendish Asset Management into SFIM.
e)	an explanation of how order execution differs according to client categorisation, where the firm treats categories of clients differently and where it may affect the order execution arrangements;	All clients are treated the same.
f)	an explanation of whether other criteria were given precedence over immediate price and cost when executing retail client orders and how these other criteria were instrumental in delivering the best possible result in terms of the total consideration to the client;	Generally, price and cost were the primary factors when executing retail client orders. However, where low liquidity was a factor this may be more important than price. We do not distinguish between retail and professional client orders. All clients, regardless of classification, are treated the same.

g)	an explanation of how the investment firm has used any data or tools relating to the quality of execution, including any data published under Delegated Regulation (EU) 2017/575 [RTS 27];	 We have internal processes, systems and controls in place to monitor the quality of executions. SFIM's Order Execution Policy overarches our entire execution activity, and is reviewed on at least an annual basis. Best Execution analysis is compiled on a monthly basis by the SFIM Operational Control Team, which sits with our Operations Team. Monitoring is based on a sample analysis. Deviations, which are not in a predefined range, will be analysed in detail and documented. Reports are also subject to oversight within the Risk and Controls Committee (RCC). SFIM does not currently employ an independent transaction cost analysis (TCA) aggregator. However, we do have access to TCA reports from our approved counterparties to support the monitoring of the quality of execution obtained on execution venues.
h)	where applicable, an explanation of how the investment firm has used output of a consolidated	Lastly, although we have access to RTS27 data, SFIM has found the data so far to be of very limited use. Currently, due to the substantial volume of data in RTS 27 reports and the differing approaches taken by producers of these reports, the data has proved to be of limited practical benefit to the Firm. We anticipate it becoming more relevant as the reporting evolves over time. This is not applicable as there are currently no consolidated tape providers in Europe. Market liquidity already allows efficient price discovery.

RE	QUIREMENT	OUR RESPONSE
pul ins ana fro qua exe exe pre	icle 3(3): Investment firms shall blish <i>for each class of financial</i> <i>truments</i> , a summary of the alysis and conclusions they draw m their detailed monitoring of the ality of execution obtained on the ecution venues where they ecuted all client orders in the evious year.	Debt Instruments With the exception of the scenario in (b) our responses on Debt Instruments relate purely to the orders which the SFIM Dealing Team place with approved counterparties for execution.
a)	an explanation of the relative importance the firm gave to the execution factors of price, costs, speed, likelihood of execution or any other consideration including qualitative factors when assessing the quality of execution;	 Debt Instrument Trading transactions are completed on a net (commission free) basis. Likelihood of execution increases in importance due to the liquidity constraints of the asset class. Overall, price remains the primary factor. However, there will be situations when price may not be the priority when executing a trade. Examples include: for less liquid instruments, the likelihood of execution and provision of liquidity may be more important than price; when raising cash to fund portfolio outflows, speed may take priority over price; the volatility of price may make timeliness a greater priority; the choice of execution venue may be limited for certain instruments (e.g. orders may have to be passed to the clients' custodian for execution).
b)	a description of any close links, conflicts of interests, and common ownerships with respect to any execution venues used to execute orders;	SFT is part of the Stonehage Fleming Group. SFT provides custody and execution services to some SFIM. Primarily, these clients are classified as Professional Clients.
c)	a description of any specific arrangements with any execution venues regarding payments made or received, discounts, rebates or non-monetary benefits received;	The Firm does not receive payments, discounts, rebates or non-monetary benefits in its trading arrangements.
d)	an explanation of the factors that led to a change in the list of execution venues listed in the firm's execution policy, if such a change occurred;	Brokerage firms remain on our list of execution venues subject to an authorisation and ongoing monitoring process, which includes, but is not limited to, the broker's credit worthiness and financial stability, a review of the performance of execution services provided by the broker, and the broker's ability to trade effectively on our clients' behalf. During the year we consolidated our relationships in the bond arena. We are connected to quality counterparties in order to ensure we continue to receive expert coverage

		in the markets and instruments where we transact. Where there is not a requirement to execute through the client's custodian, Fixed income trading is executed primarily on a 'request for quote' (RFQ) basis. Our counterparties are placed in direct competition with one another (albeit without them knowing who they are competing against) and subject to size constraints, orders are executed on a best price basis. Where possible, and where liquidity allows, we aim to obtain at least three quotes.
e)	an explanation of how order execution differs according to client categorisation, where the firm treats categories of clients differently and where it may affect the order execution arrangements;	All clients are treated the same.
f)	an explanation of whether other criteria were given precedence over immediate price and cost when executing retail client orders and how these other criteria were instrumental in delivering the best possible result in terms of the total consideration to the client;	Generally, price and cost were the primary factors when executing retail client orders. However, where low liquidity was a factor this may be more important than price. We do not distinguish between retail and professional client orders. All clients, regardless of classification, are treated the same.
g)	an explanation of how the investment firm has used any data or tools relating to the quality of execution, including any data published under Delegated Regulation (EU) 2017/575 [RTS 27];	We have internal processes, systems and controls in place to monitor the quality of executions. SFIM's Order Execution Policy overarches our entire execution activity, and is reviewed on at least an annual basis. Best Execution analysis is compiled on a monthly basis by the SFIM Operational Control Team, which sits with our Operations Team. Monitoring is based on a sample analysis. Deviations, which are not in a predefined range, will be analysed in detail and documented. Reports are
		also subject to oversight within the Risk and Controls Committee (RCC). Lastly, although we have access to RTS27 data, SFIM has found the data so far to be of very limited use. Currently, due to the substantial volume of data in RTS 27 reports and the differing approaches taken by producers of these reports, the data has proved to be of limited practical benefit to the Firm. We anticipate it becoming more relevant as the reporting evolves over time.



h)	where applicable, an explanation	We have not used the output of a consolidated tape within
	of how the investment firm has	debt instruments as market liquidity already allows
	used output of a consolidated	efficient price discovery. At present there is no
	tape provider	consolidated tape provider in Europe.

RE	QUIREMENT	OUR RESPONSE
1	icle 3(3): Investment firms shall	Currency derivatives
ins ana fro qua exe exe	blish for each class of financial truments, a summary of the alysis and conclusions they draw m their detailed monitoring of the ality of execution obtained on the ecution venues where they ecuted all client orders in the evious year.	With the exception of the scenario in (b) our responses on Currency Derivatives relate purely to the orders which the SFIM Dealing Team place with approved counterparties for execution.
The	e information shall include:	
a)	an explanation of the relative importance the firm gave to the execution factors of price, costs, speed, likelihood of execution or any other consideration including qualitative factors when assessing the quality of execution;	The choice of execution venues for Currency derivatives is limited. Transactions are currently passed to the clients' custodian for execution. This is to mitigate settlement risk in FX Forward transactions.
b)	(b) a description of any close links, conflicts of interests, and common ownerships with respect to any execution venues used to execute orders;	SFT is part of the Stonehage Fleming Group. SFT provides custody and execution services to some SFIM clients. Primarily, these clients are classified as Professional Clients.
c)	a description of any specific arrangements with any execution venues regarding payments made or received, discounts, rebates or non-monetary benefits received;	The Firm does not receive payments, discounts, rebates or non-monetary benefits in its trading arrangements.
d)	•	There has been no change to our list of recommended custodians during the period under review.
e)	an explanation of how order execution differs according to client categorisation, where the firm treats categories of clients differently and where it may affect the order execution arrangements;	All clients are treated the same.
f)	an explanation of whether other criteria were given precedence over immediate price and cost when executing retail client orders and how these other criteria were instrumental in delivering the best possible result in terms of the total consideration to the client;	As per our response to (a) above, we are limited to executing through the clients' appointed custodian.

g)	an explanation of how the investment firm has used any data or tools relating to the quality of execution, including any data published under Delegated Regulation (EU) 2017/575 [RTS 27];	Best Execution analysis is compiled on a monthly basis by the SFIM Operational Control Team, which sits with our Operations Team. Monitoring is based on a sample analysis. Deviations, which are not in a predefined range, will be analysed in detail and documented. Reports are also subject to oversight within the Risk and Controls Committee (RCC).
h)	where applicable, an explanation of how the investment firm has used output of a consolidated tape provider	This is not applicable to Currency Derivatives. At present there is no consolidated tape provider in Europe.



RE	QUIREMENT	OUR RESPONSE
pul ins ana fro qua exe exe pre	icle 3(3): Investment firms shall olish for each class of financial truments, a summary of the alysis and conclusions they draw m their detailed monitoring of the ality of execution obtained on the ecution venues where they ecuted all client orders in the evious year.	Exchange Traded Products With the exception of the scenario in (b) our responses on Exchange Traded Products (ETP) relate purely to the orders which the SFIM Dealing Team place with approved counterparties for execution.
a)	an explanation of the relative importance the firm gave to the execution factors of price, costs, speed, likelihood of execution or any other consideration including qualitative factors when assessing the quality of execution;	Execution Price is the primary factor considered when trading ETPs.
b)	a description of any close links, conflicts of interests, and common ownerships with respect to any execution venues used to execute orders;	SFT is part of the Stonehage Fleming Group. SFT provides custody and execution services to some SFIM clients. Primarily, these clients are classified as Professional Clients.
c)	a description of any specific arrangements with any execution venues regarding payments made or received, discounts, rebates or non-monetary benefits received;	The Firm does not receive payments, discounts, rebates or non-monetary benefits in its trading arrangements.
d)	an explanation of the factors that led to a change in the list of execution venues listed in the firm's execution policy, if such a change occurred;	SFIM added two ETP counterparties during the period, to further strengthen our coverage.
e)	an explanation of how order execution differs according to client categorisation, where the firm treats categories of clients differently and where it may affect the order execution arrangements;	All clients are treated the same.
f)	an explanation of whether other criteria were given precedence over immediate price and cost when executing retail client orders and how these other criteria were instrumental in delivering the best possible result in terms of the total consideration to the client;	There was no criterion given precedence over immediate price for client orders. We do not distinguish between retail and professional client orders. All clients, regardless of classification, are treated the same.

g)	an explanation of how the investment firm has used any data or tools relating to the quality of execution, including any data published under Delegated Regulation (EU) 2017/575 [RTS 27];	We have internal processes, systems and controls in place to monitor the quality of executions. SFIM's Order Execution Policy overarches our entire execution activity, and is reviewed on at least an annual basis. Best Execution analysis is compiled on a monthly basis by the SFIM Operational Control Team, which sits with our Operations Team. Monitoring is based on a sample analysis. Deviations, which are not in a predefined range, will be analysed in detail and documented. Reports are also subject to oversight within the Risk and Controls Committee (RCC). Lastly, although we have access to RTS27 data, SFIM has found the data so far to be of very limited use. Currently, due to the substantial volume of data in RTS 27 reports and the differing approaches taken by producers of these reports, the data has proved to be of limited practical benefit to the Firm. We anticipate it becoming more relevant as the reporting evolves over time.
h)	where applicable, an explanation of how the investment firm has used output of a consolidated tape provider	At present there is no consolidated tape provider in Europe. Market liquidity allows efficient price discovery.

REQUIREMENT	OUR RESPONSE
Article 3(3): Investment firms shall	Other Instruments (*)
publish <i>for each class of financial</i> <i>instruments</i> , a summary of the analysis and conclusions they draw from their detailed monitoring of the quality of execution obtained on the execution venues where they executed all client orders in the previous year.	With the exception of the scenario in (b) our responses on Other Instruments relate purely to the orders which the SFIM Dealing Team place with approved counterparties for execution.
The information shall include:	
a) an explanation of the relative importance the firm gave to the execution factors of price, costs, speed, likelihood of execution or any other consideration including qualitative factors when assessing the quality of execution;	Each client order that is transacted is inherently unique in its characteristics and market conditions are never constant. The relative importance of the execution factors is therefore variable. For most of our clients the best possible result will generally be determined in terms of the total consideration for the transaction, representing the price of the financial instrument and the cost related to execution.
	However, it should be noted speed of execution, likelihood of execution, timeliness of settlement, the size and nature of the order, and market impact may affect the eventual transaction price.
	While price is often an important execution factor, there will be situations when this is not the priority when executing a trade. Examples include:
	• for less liquid stocks, the likelihood of execution and provision of liquidity may be more important than price;
	 when raising cash to fund portfolio outflows, speed may take priority over price;
	 the volatility of price may make timeliness a greater priority;
	• the choice of execution venue may be limited for certain instruments (e.g. Collective Investment Scheme (CIS) orders which may have to be transmitted to the operator of the CIS, and the units only trade at a single NAV price).
	With specific regard to CIS, the CIS operator is the only possible execution venue, it will not be possible to take into account the same execution factors that would apply to a market listed security. In practice and where possible, we transmit orders to buy or sell a CIS to a CIS platform or the client's appointed custodian, who in turn place the orders with the CIS operators. There are no additional costs borne by the client as a result of us using a CIS platform however the appointed custodian may charge for investing in the CIS.



b)	a description of any close links, conflicts of interests, and common ownerships with respect to any execution venues used to execute orders;	SFT is part of the Stonehage Fleming Group. SFT provides custody and execution services to some SFIM clients. Primarily, these clients are classified as Professional Clients.
c)	a description of any specific arrangements with any execution venues regarding payments made or received, discounts, rebates or non-monetary benefits received;	The Firm does not receive payments, discounts, rebates or non-monetary benefits in its trading arrangements.
d)	an explanation of the factors that led to a change in the list of execution venues listed in the firm's execution policy, if such a change occurred;	CIS trades continue to be executed through a CIS platform, direct to the CIS operator or the client's appointed custodian. During the year we have further automated this flow, with integration of new systems, in order to achieve operational efficiencies and reduce manual processes where possible. We continue to work closely with our custodians and system providers to further increase automation where possible.
e)	an explanation of how order execution differs according to client categorisation, where the firm treats categories of clients differently and where it may affect the order execution arrangements;	All clients are treated the same.
f)	an explanation of whether other criteria were given precedence over immediate price and cost when executing retail client orders and how these other criteria were instrumental in delivering the best possible result in terms of the total consideration to the client;	There was no criteria given precedence over immediate price and cost for retail client orders. We do not distinguish between retail and professional client orders. All clients, regardless of classification, are treated the same.

g)	an explanation of how the investment firm has used any data or tools relating to the quality of execution, including any data published under Delegated Regulation (EU) 2017/575 [RTS 27];	We have internal processes, systems and controls in place to monitor the quality of executions. SFIM's Order Execution Policy overarches our entire execution activity, and is reviewed on at least an annual basis. Best Execution analysis is compiled on a monthly basis by the SFIM Operational Control Team, which sits with our Operations Team. Monitoring is based on a sample analysis. Deviations, which are not in a predefined range, will be analysed in detail and documented. Reports are also subject to oversight within the Risk and Controls Committee (RCC). SFIM does not currently employ an independent transaction cost analysis (TCA) aggregator. However, we do have access to TCA reports from our approved counterparties to support the monitoring of the quality of execution obtained on execution venues. Lastly, although we have access to RTS27 data, SFIM has found the data so far to be of very limited use. Currently, due to the substantial volume of data in RTS 27 reports and the differing approaches taken by producers of these reports, the data has proved to be of limited practical benefit to the Firm. We anticipate it becoming more relevant as the reporting evolves over time.
h)	where applicable, an explanation of how the investment firm has used output of a consolidated tape provider	We have not used the output of a consolidated tape within non-EEA equities as market liquidity already allows efficient price discovery. Furthermore, for CIS this is not applicable.

* As per the guidelines, "(m) Other Instruments" contains all financial instruments which are not within the EEA, as well as all Collective Investment Schemes (CIS) regardless of their domicile.

CONCLUSION

It is the assessment of Stonehage Fleming Investment Management (SFIM) that the analysis and conclusions drawn from our monitoring of the quality of execution confirm that SFIM took all sufficient steps to seek to achieve best execution for its clients during the period under review.



QUANTITATIVE DATA FOR THE PURPOSE OF RTS 28/ART 65(6) REPORT - DISCLOSURE FOR PROFESSIONAL CLIENTS

CLIENT TYPE	PROFESSION	PROFESSIONAL					
Class of Instrument		 a) Equities - Shares & Depositary Receipts - (i) Tick size liquidity band 5 and 6 (from 2000 trades per day)¹ 					
Notification if <1 average trade over business day in the previous year		Ν					
Top five execution venues ranked in terms of trading volumes (Descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders		
Kepler Cheuvreux (9695005EOZG9X8IRJD84)	38.06%	11.84%	n/a	n/a	n/a		
Jefferies International Ltd (S5THZMDUJCTQZBTRVI98)	21.58%	10.96%	n/a	n/a	n/a		
Stonehage Fleming Dealing and Treasury Services (SFT) (549300J5T6BQEV7FBF42)	10.14%	35.53%	n/a	n/a	n/a		
Goodbody Stockbrokers UC (635400IL71G3SXS7OE16)	10.01%	2.63%	n/a	n/a	n/a		
Cowen Execution Services Limited (213800SS94VGJTFLIG64)	5.53%	3.95%	n/a	n/a	n/a		



CLIENT TYPE	PROFESSIONAL							
Class of Instrument		 a) Equities - Shares & Depositary Receipts - (ii) Tick size liquidity band 3 and 4 (from 80 to 1999 trades per day)¹ 						
Notification if <1 average trade over business day in the previous year			Ν					
Top five execution venues ranked in terms of trading volumes (Descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders			
Jefferies International Ltd (S5THZMDUJCTQZBTRVI98)	34.88%	20.22%	n/a	n/a	n/a			
Kepler Cheuvreux (9695005EOZG9X8IRJD84)	22.05%	11.24%	n/a	n/a	n/a			
Stonehage Fleming Dealing and Treasury Services (SFT) (549300J5T6BQEV7FBF42)	15.72%	20.22%	n/a	n/a	n/a			
Credit Suisse Guernsey (549300GUAMON5OX2OO54)	7.31%	2.25%	n/a	n/a	n/a			
Cowen Execution Services Limited (213800SS94VGJTFLIG64)	7.03%	3.37%	n/a	n/a	n/a			



CLIENT TYPE		PROFESSIONAL					
Class of Instrument	a) Equ	a) Equities - Shares & Depositary Receipts - (iii) Tick size liquidity band 1 and 2 (from 0 to 79 trades per day) ¹					
Notification if <1 average trade over business day in the previous year		Ν					
Top five execution venues ranked in terms of trading volumes (Descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders		
Peel Hunt LLP (5493007DWN0R4YBM4C84)	27.23%	15.27%	n/a	n/a	n/a		
Nplus1 Singer Capital Markets Limited (213800ITO7QMNQ9SFG53)	14.93%	14.91%	n/a	n/a	n/a		
Investec (84S0VF8TSMH0T6D4K848)	9.09%	9.45%	n/a	n/a	n/a		
J M Finn & Co Ltd (2138005952US1BK73L88)	7.08%	2.91%	n/a	n/a	n/a		
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)	6.95%	16.36%	n/a	n/a	n/a		



CLIENT TYPE	PROFESSIONAL						
Class of Instrument		b) Debt Instruments - (i) Bonds ²					
Notification if <1 average trade over business day in the previous year		Ν					
Top five execution venues ranked in terms of trading volumes (Descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders		
JP Morgan Securities PLC (K6Q0W1PS1L1O4IQL9C32)	67.88%	27.27%	n/a	n/a	n/a		
King & Shaxon (213800ARTVZQSADRZ559)	11.06%	36.36%	n/a	n/a	n/a		
Jefferies International Ltd (S5THZMDUJCTQZBTRVI98)	9.85%	18.18%	n/a	n/a	n/a		
CitiGroup Global Markets (XKZZ2JZF41MRHTR1V493)	5.77%	9.09%	n/a	n/a	n/a		
RBC Europe Limited (TXDSU46SXBWIGJ8G8E98)	5.43%	9.09%	n/a	n/a	n/a		

² This figure includes all Government and Corporate Bonds

CLIENT TYPE	PROFESSIONAL				
Class of Instrument	e) Curre	ency derivative -	(ii) Swaps, Forv derivatives	vards and other	currency
Notification if <1 average trade over business day in the previous year			Ν		
Top five execution venues ranked in terms of trading volumes (Descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
The Northern Trust Company (6PTKHDJ8HDUF78PFWH30)	72.3%	44.6%	n/a	n/a	n/a
Stonehage Fleming Dealing and Treasury Services (Jersey) Limited (549300J5T6BQEV7FBF42)	18.0%	23.0%	n/a	n/a	n/a
BNY Mellon International Asset Management (Holdings) Limited (213800BMXZMZF2LT1708)	8.3%	25.7%	n/a	n/a	n/a
Credit Suisse AG (ANGGYXNX0JLX3X63JN86)	1.1%	2.7%	n/a	n/a	n/a
CitiGroup Global Markets (XKZZ2JZF41MRHTR1V493)	0.3%	4.1%	n/a	n/a	n/a

CLIENT TYPE	PROFESSIONAL					
Class of Instrument	k) Exchange	Traded products and exc	(Exchange trade change traded co		e traded notes	
Notification if <1 average trade over business day in the previous year			Ν			
Top five execution venues ranked in terms of trading volumes (Descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
Flow Traders B.V. (549300CLJI9XDH12XV51)	29.93%	22.97%	n/a	n/a	n/a	
Optiver V.O.F. (7245009KRYSAYB2QCC29)	23.79%	13.29%	n/a	n/a	n/a	
Jane Street LLC (549300E22Y3R49WJQP43)	13.93%	16.89%	n/a	n/a	n/a	
Stonehage Fleming Dealing and Treasury Services (SFT) (549300J5T6BQEV7FBF42)	8.89%	23.87%	n/a	n/a	n/a	
Susquehanna International Securities Limited (635400IAV22ZOU1NFS89)	8.47%	8.78%	n/a	n/a	n/a	



CLIENT TYPE	PROFESSIONAL				
Class of Instrument	m) Other Instruments ³				
Notification if <1 average trade over business day in the previous year	Ν				
Top five execution venues ranked in terms of trading volumes (Descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
The Northern Trust Company (6PTKHDJ8HDUF78PFWH30)	53.19%	28.96%	n/a	n/a	n/a
Stonehage Fleming Dealing and Treasury Services (SFT) (549300J5T6BQEV7FBF42)	25.74%	40.56%	n/a	n/a	n/a
Credit Suisse Zurich (ANGGYXNX0JLX3X63JN86)	2.43%	1.63%	n/a	n/a	n/a
Pimco Europe Ltd (549300GHCCJWKY72R127)	1.61%	1.52%	n/a	n/a	n/a
Findlay Park Funds PLC (635400DONL3CFD6FVX73)	1.31%	1.30%	n/a	n/a	n/a

³ As per the guidelines, "(m) Other Instruments" contains all financial instruments which are not within the EEA, as well as all Collective Investment Schemes regardless of their domicile

QUANTITATIVE DATA FOR THE PURPOSE OF RTS 28/ART 65(6) REPORT - DISCLOSURE FOR RETAIL CLIENTS

CLIENT TYPE	RETAIL					
Class of Instrument	a) Equities -		tary Receipts - (i) om 2000 trades p	Tick size liquidit er day) ¹	y band 5 and 6	
Notification if <1 average trade over business day in the previous year			Ν			
Top five execution venues ranked in terms of trading volumes (Descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
Jefferies International Ltd (S5THZMDUJCTQZBTRVI98)	46.79%	30.08%	n/a	n/a	n/a	
Kepler Cheuvreux (9695005EOZG9X8IRJD84)	21.42%	6.64%	n/a	n/a	n/a	
Cowen Execution Services Limited (213800SS94VGJTFLIG64)	21.32%	18.75%	n/a	n/a	n/a	
Stonehage Fleming Dealing and Treasury Services (SFT) (549300J5T6BQEV7FBF42)	4.91%	7.42%	n/a	n/a	n/a	
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)	3.16%	30.08%	n/a	n/a	n/a	



CLIENT TYPE	RETAIL					
Class of Instrument	a) Equit			s - (ii) Tick size lio trades per day) ¹		
Notification if <1 average trade over business day in the previous year		Ν				
Top five execution venues ranked in terms of trading volumes (Descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
Cowen Execution Services Limited (213800SS94VGJTFLIG64)	46.71%	15.92%	n/a	n/a	n/a	
Jefferies International Ltd (S5THZMDUJCTQZBTRVI98)	38.12%	16.56%	n/a	n/a	n/a	
Kepler Cheuvreux (9695005EOZG9X8lRJD84)	6.66%	3.82%	n/a	n/a	n/a	
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)	4.87%	52.87%	n/a	n/a	n/a	
Stonehage Fleming Dealing and Treasury Services (SFT) (549300J5T6BQEV7FBF42)	2.1%	1.9%	n/a	n/a	n/a	



CLIENT TYPE	RETAIL						
Class of Instrument	a) Equit	a) Equities - Shares & Depositary Receipts - (iii) Tick size liquidity band 1 and 2 (from 0 to 79 trades per day) ¹					
Notification if <1 average trade over business day in the previous year		Ν					
Top five execution venues ranked in terms of trading volumes (Descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders		
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)	57.46%	73.49%	n/a	n/a	n/a		
Jefferies International Ltd (S5THZMDUJCTQZBTRVI98)	17.39%	14.42%	n/a	n/a	n/a		
Numis Securities Limited (213800P3F4RT97WDSX47)	9.25%	2.33%	n/a	n/a	n/a		
Peel Hunt LLP (5493007DWN0R4YBM4C84)	7.35%	2.79%	n/a	n/a	n/a		
Stonehage Fleming Dealing and Treasury Services (SFT) (549300J5T6BQEV7FBF42)	2.76%	0.47%	n/a	n/a	n/a		



CLIENT TYPE	RETAIL				
Class of Instrument	b) Debt Instruments - (i) Bonds ²				
Notification if <1 average trade over business day in the previous year	Ν				
Top five execution venues ranked in terms of trading volumes (Descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
King & Shaxon (213800ARTVZQSADRZ559)	32.78%	18.28%	n/a	n/a	n/a
Morgan Stanley & Co. International PLC (4PQUHN3JPFGFNF3BB653)	23.81%	22.16%	n/a	n/a	n/a
The Toronto - Dominion Bank (PT3QB789TSUIDF371261)	19.82%	24.38%	n/a	n/a	n/a
RBC Europe Limited (TXDSU46SXBWIGJ8G8E98)	19.59%	21.05%	n/a	n/a	n/a
Jefferies International Ltd (S5THZMDUJCTQZBTRVI98)	2.90%	3.05%	n/a	n/a	n/a

² This figure includes all Government and Corporate Bonds



CLIENT TYPE	RETAIL				
Class of Instrument	e) Currency derivative - (ii) Swaps, Forwards and other currency derivatives				
Notification if <1 average trade over business day in the previous year	Ν				
Top five execution venues ranked in terms of trading volumes (Descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UBS AG (BFM8T61CT2L1QCEMIK50)	42.1%	10.3%	n/a	n/a	n/a
Multrees Investor Services Limited (213800KPD9LZ8ZFP1X08)	32.9%	30.8%	n/a	n/a	n/a
Credit Suisse AG (ANGGYXNX0JLX3X63JN86)	15.3%	8.4%	n/a	n/a	n/a
Stonehage Fleming Dealing and Treasury Services (Jersey) Limited (549300J5T6BQEV7FBF42)	6.7%	32.7%	n/a	n/a	n/a
Banque Pictet & Cie S.A. (4LCYDN74UCFU5VPM4774)	1.2%	8.4%	n/a	n/a	n/a



CLIENT TYPE	RETAIL					
Class of Instrument	 k) Exchange Traded products (Exchange traded funds, exchange traded notes and exchange traded commodities) 					
Notification if <1 average trade over business day in the previous year	Ν					
Top five execution venues ranked in terms of trading volumes (Descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
Optiver V.O.F. (7245009KRYSAYB2QCC29)	19.54%	7.18%	n/a	n/a	n/a	
Jane Street LLC (549300E22Y3R49WJQP43)	18.91%	39.42%	n/a	n/a	n/a	
Flow Traders B.V. (549300CLJI9XDH12XV51)	17.96%	13.48%	n/a	n/a	n/a	
Susquehanna International Securities Limited (635400IAV22ZOU1NFS89)	11.11%	2.90%	n/a	n/a	n/a	
CitiGroup Global Markets (XKZZ2JZF41MRHTR1V493)	8.66%	10.83%	n/a	n/a	n/a	



CLIENT TYPE	RETAIL				
Class of Instrument	m) Other Instruments ³				
Notification if <1 average trade over business day in the previous year	Ν				
Top five execution venues ranked in terms of trading volumes (Descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UBS Europe SE (5299007QVIQ7IO64NX37)	39.01%	5.23%	n/a	n/a	n/a
Allfunds Bank, S.A. (95980020140005844330)	30.05%	20.04%	n/a	n/a	n/a
Stonehage Fleming Dealing and Treasury Services (SFT) (549300J5T6BQEV7FBF42)	14.62%	18.69%	n/a	n/a	n/a
Stonehage Fleming Investment Management Limited (213800ZYSCPV8POQA284)	3.49%	12.84%	n/a	n/a	n/a
Societe Generale SA (O2RNE8IBXP4R0TD8PU41)	1.66%	3.76%	n/a	n/a	n/a

³ As per the guidelines, "(m) Other Instruments" contains all financial instruments which are not within the EEA, as well as all Collective Investment Schemes regardless of their domicile



