Annual disclosure of information required by MiFID II

Class of Instrument Av Daily Vol Less Than 10

Client Type Professional



Top 5 Venues ranked in terms of volume (descending order)	Proportion of volume executed as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of passive orders	Percentage of Aggressive Orders	Percentage of directed orders
Cenkos Securities plc 0.1% (213800ALVRC52VN3I821)	47.88%	42.86%	N/A	N/A	N/A
Liberum Capital 0.1% (213800ARTVZQSADRZ559)	15.56%	14.29%	N/A	N/A	N/A
Finncap 0.1% (213800DSWHX26RRA1N75)	11.66%	10.71%	N/A	N/A	N/A
Jefferies (S5THZMDUJCTQZBTRVI98)	8.44%	3.57%	N/A	N/A	N/A
Zeus Capital 0.1% (213800F6CHS1SEYK1842)	5.05%	14.29%	N/A	N/A	N/A
Client Type	Retail				
Notification if <1 average trade per business in the previous year					
Ton 5 Vanuar newlead in terms of values	Proportion of volume	Proportion of orders executed as a	Develope of	Percentage of	Danasata na af

Top 5 Venues ranked in terms of volume (descending order)	Proportion of volume executed as a percentage of total in that class	executed as a percentage of total in that class	Percentage of passive orders	Percentage of Aggressive Orders	Percentage of directed orders
Winterflood Convition Limited (ODDLIDC)(4DV2DIC2D074F)	40.059/	F4 700/	NI/A	N1/A	NI/A
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)	19.05%	51.78%	N/A	N/A	N/A
Cenkos Securities plc 0.1% (213800ALVRC52VN3I821)	14.53%	7.11%	N/A	N/A	N/A
Numis 0.06% (213800P3F4RT97WDSX47)	11.35%	5.84%	N/A	N/A	N/A
Finncap 0.1% (213800DSWHX26RRA1N75)	10.07%	2.03%	N/A	N/A	N/A
Investec Securities 0.1% (84S0VF8TSMH0T6D4K848)	9.05%	3.81%	N/A	N/A	N/A

Annual disclosure of information required by MiFID II

Numis 0.06% (213800P3F4RT97WDSX47)

Cenkos Securities plc (213800ALVRC52VN3I821)

N+1 Singer 0.1% (213800ITO7QMNQ9SFG53)

Class of Instrument Av Daily Vol Between 10 & 80

Client Type Professional

Notification if <1 average trade per business in the previous year



N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

4.18%

2.16%

0.97%

Troumouter in a raterage trade per business in the previous year					
		Proportion of orders			
	Proportion of volume executed as a			Percentage of	
Top 5 Venues ranked in terms of volume	executed as a percentage	percentage of total	Percentage of	Aggressive	Percentage o
(descending order)	of total in that class	in that class	passive orders	Orders	directed orders
Cenkos Securities plc (213800ALVRC52VN3I821)	25.34%	22.22%	N/A	N/A	N/A
Numis 0.06% (213800P3F4RT97WDSX47)	25.31%	24.44%	N/A	N/A	N/A
Stifel Securities (213800BVEFNZ8UYPKL03)	10.01%	13.33%	N/A	N/A	N/A
Shore Capital (2138009KZO3MK7TV6372)	8.35%	6.67%	N/A	N/A	N/A
N+1 Singer 0.1% (213800ITO7QMNQ9SFG53)	7.79%	6.67%	N/A	N/A	N/A
Client Type	Retail				
Notification if <1 average trade per business in the previous year					
		Proportion of orders			
	Proportion of volume	executed as a		Percentage of	
Top 5 Venues ranked in terms of volume	executed as a percentage	percentage of total	Percentage of	Aggressive	Percentage of
(descending order)	of total in that class	in that class	passive orders	Orders	directed orders
Peel Hunt (5493007DWN0R4YBM4C84)	21.54%	29.90%	N/A	N/A	N/A
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)	21.52%	56.15%	N/A	N/A	N/A
,					

15.19%

9.50%

4.89%

Annual disclosure of information required by MiFID II

Numis 0.06% (213800P3F4RT97WDSX47)

J P Morgan Cazenove 0.1% (K6Q0W1PS1L1O4IQL9C32)

Class of Instrument Av Daily Vol Between 80 & 600

Client Type Professional



N/A

N/A

N/A

N/A

Notification if <1 average trade per business in the previous year					
	Proportion of orders				
	Proportion of volume	executed as a		Percentage of	
Top 5 Venues ranked in terms of volume	executed as a percentage	percentage of total	Percentage of	Aggressive	Percentage of
(descending order)	of total in that class	in that class	passive orders	Orders	directed orders
Numis 0.1% (213800P3F4RT97WDSX47)	43.73%	33.33%	N/A	N/A	N/A
Peel Hunt 0.1% (5493007DWN0R4YBM4C84)	23.14%	22.22%	N/A	N/A	N/A
Investec Securities (84S0VF8TSMH0T6D4K848)	17.30%	22.22%	N/A	N/A	N/A
Barclays Capital (K9WDOH4D2PYBSLSOB484)	13.43%	14.81%	N/A	N/A	N/A
J P Morgan Cazenove (K6Q0W1PS1L1O4IQL9C32)	2.37%	3.70%	N/A	N/A	N/A
Client Type	Retail				
Notification if <1 average trade per business in the previous year					
		Proportion of orders			
	Proportion of volume	executed as a		Percentage of	
Top 5 Venues ranked in terms of volume	executed as a percentage	percentage of total	Percentage of	Aggressive	Percentage of
(descending order)	of total in that class	in that class	passive orders	Orders	directed orders
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)	38.31%	76.23%	N/A	N/A	N/A
Investec Securities 0.1% (84S0VF8TSMH0T6D4K848)	22.50%	2.41%	N/A	N/A	N/A
Peel Hunt (5493007DWN0R4YBM4C84)	21.27%	17.38%	N/A	N/A	N/A

13.06%

2.46%

2.83%

0.52%

N/A

N/A

Annual disclosure of information required by MiFID II

Class of Instrument Av Daily Vol Between 600 & 2000

Client Type Professional

Notification if <1 average trade per business in the previous year



	Proportion of orders			
Proportion of volume	executed as a		Percentage of	
executed as a percentage	percentage of total	Percentage of	Aggressive	Percentage of
of total in that class	in that class	passive orders	Orders	directed orders
29.09%	17.39%	N/A	N/A	N/A
19.15%	26.09%	N/A	N/A	N/A
13.22%	13.04%	N/A	N/A	N/A
12.59%	17.39%	N/A	N/A	N/A
10.00%	13.04%	N/A	N/A	N/A
	executed as a percentage of total in that class 29.09% 19.15% 13.22% 12.59%	Proportion of volume executed as a percentage of total in that class in that class 29.09% 17.39% 19.15% 26.09% 13.22% 13.04% 12.59% 17.39%	Proportion of volume executed as a percentage of total in that class executed as a percentage of total in that class Percentage of passive orders 29.09% 17.39% N/A 19.15% 26.09% N/A 13.22% 13.04% N/A 12.59% 17.39% N/A	Proportion of volume executed as a percentage of total of total in that class executed as a percentage of total in that class Percentage of Aggressive passive orders Percentage of Aggressive orders 29.09% 17.39% N/A N/A 19.15% 26.09% N/A N/A 13.22% 13.04% N/A N/A 12.59% 17.39% N/A N/A

Client Type Retail

		Proportion of orders			
	Proportion of volume	executed as a		Percentage of	
Top 5 Venues ranked in terms of volume	executed as a percentage	percentage of total	Percentage of	Aggressive	Percentage of
(descending order)	of total in that class	in that class	passive orders	Orders	directed orders
Peel Hunt 0.1% (5493007DWN0R4YBM4C84)	37.71%	18.10%	N/A	N/A	N/A
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)	35.44%	76.14%	N/A	N/A	N/A
Numis 0.1% (213800P3F4RT97WDSX47)	17.46%	3.72%	N/A	N/A	N/A
J P Morgan Cazenove (K6Q0W1PS1L1O4IQL9C32)	3.39%	0.51%	N/A	N/A	N/A
N+1 Singer 0.1% (213800ITO7QMNQ9SFG53)	2.51%	0.34%	N/A	N/A	N/A

Annual disclosure of information required by MiFID II

Class of Instrument Av Daily Vol Between 2000 & 9000

Client Type Professional

Notification if <1 average trade per business in the previous year



		Proportion of orders			
	Proportion of volume	executed as a		Percentage of	
Top 5 Venues ranked in terms of volume	executed as a percentage	percentage of total	Percentage of	Aggressive	Percentage of
(descending order)	of total in that class	in that class	passive orders	Orders	directed orders
Zeus Capital (213800F6CHS1SEYK1842)	31.25%	37.50%	N/A	N/A	N/A
Stifel Securities (213800BVEFNZ8UYPKL03)	18.32%	9.38%	N/A	N/A	N/A
Barclays Capital (K9WDOH4D2PYBSLSOB484)	14.76%	9.38%	N/A	N/A	N/A
J P Morgan Cazenove (K6Q0W1PS1L1O4IQL9C32)	11.95%	12.50%	N/A	N/A	N/A
Numis 0.1% (213800P3F4RT97WDSX47)	10.43%	12.50%	N/A	N/A	N/A

Client Type Retail

		Proportion of orders			
	Proportion of volume	executed as a		Percentage of	
Top 5 Venues ranked in terms of volume	executed as a percentage	percentage of total	Percentage of	Aggressive	Percentage of
(descending order)	of total in that class	in that class	passive orders	Orders	directed orders
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)	44.05%	81.86%	N/A	N/A	N/A
Peel Hunt (5493007DWN0R4YBM4C84)	40.06%	14.90%	N/A	N/A	N/A
Numis (213800P3F4RT97WDSX47)	4.38%	1.02%	N/A	N/A	N/A
Stifel Securities (213800BVEFNZ8UYPKL03)	3.94%	0.88%	N/A	N/A	N/A
Investec Securities 0.1% (84S0VF8TSMH0T6D4K848)	2.36%	0.34%	N/A	N/A	N/A

Annual disclosure of information required by MiFID II

Class of Instrument Av Daily Vol More Than 9000

Client Type Professional

Notification if <1 average trade per business in the previous year



Top 5 Venues ranked in terms of volume (descending order)	Proportion of volume executed as a percentage of total in that class	executed as a percentage of total in that class	Percentage of passive orders	Percentage of Aggressive Orders	Percentage of directed orders
Zeus Capital (213800F6CHS1SEYK1842)	50.60%	50.00%	N/A	N/A	N/A
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)	23.99%	30.43%	N/A	N/A	N/A
Investec Securities (84S0VF8TSMH0T6D4K848)	11.88%	6.52%	N/A	N/A	N/A
Numis (213800P3F4RT97WDSX47)	5.11%	4.35%	N/A	N/A	N/A
Barclays Capital (K9WDOH4D2PYBSLSOB484)	2.77%	2.17%	N/A	N/A	N/A

Client Type Retail

	Proportion of volume	Proportion of orders executed as a		Percentage of	
Top 5 Venues ranked in terms of volume	executed as a percentage	percentage of total	Percentage of	Aggressive	Percentage of
(descending order)	of total in that class	in that class	passive orders	Orders	directed orders
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)	48.97%	87.93%	N/A	N/A	N/A
Peel Hunt (5493007DWN0R4YBM4C84)	32.68%	10.85%	N/A	N/A	N/A
Investec Securities (84S0VF8TSMH0T6D4K848)	5.69%	0.17%	N/A	N/A	N/A
Liberum Capital (213800ARTVZQSADRZ559)	4.66%	0.13%	N/A	N/A	N/A
Zeus Capital (213800F6CHS1SEYK1842)	3.01%	0.48%	N/A	N/A	N/A

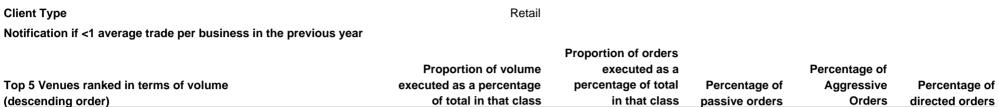
Annual disclosure of information required by MiFID II

Class of Instrument **Debt Instruments**

Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)

Canaccord Genuity (ZBU7VFV5NIMN4ILRFC23)

Peel Hunt (5493007DWN0R4YBM4C84)



97.39%

1.50%

1.11%

96.65%

1.67%

1.67%

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

Annual disclosure of information required by MiFID II

Class of Instrument Exchange Traded Products

Client Type Professional



	1 101000101101				
Notification if <1 average trade per business in the previous year					
		Proportion of orders			
	Proportion of volume	executed as a		Percentage of	
Top 5 Venues ranked in terms of volume	executed as a percentage	percentage of total	Percentage of	Aggressive	Percentage of
(descending order)	of total in that class	in that class	passive orders	Orders	directed orders
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)	100.00%	100.00%	N/A	N/A	N/A
Client Type	Retail				
Notification if <1 average trade per business in the previous year					
		Proportion of orders			
	Proportion of volume	executed as a		Percentage of	
Top 5 Venues ranked in terms of volume	executed as a percentage	percentage of total	Percentage of	Aggressive	Percentage of
(descending order)	of total in that class	in that class	passive orders	Orders	directed orders
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)	96.78%	94.32%	N/A	N/A	N/A
Peel Hunt (5493007DWN0R4YBM4C84)	3.22%	5.68%	N/A	N/A	N/A
,					