Annual disclosure of information required by MiFID II

Class of Instrument Av Daily Vol Less Than 10



Notification if <1 average trade per business in the previous year	Yes				
		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
N+1 Singer (213800ITO7QMNQ9SFG53)	34.19%	28.13%	N/A	N/A	N/A
Cenkos Securities plc (213800ALVRC52VN3I821)	33.89%	40.63%	N/A	N/A	N/A
Finncap (213800DSWHX26RRA1N75)	7.26%	6.25%	N/A	N/A	N/A
Zeus Capital (213800F6CHS1SEYK1842)	5.88%	9.38%	N/A	N/A	N/A
Stifel Securities (213800BVEFNZ8UYPKL03)	4.90%	3.13%	N/A	N/A	N/A
Client Type	Retail				
Notification if <1 average trade per business in the previous year	No				
		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
Control Contrition pla (242000ALV/DCF2VN)21924V	22 560/	0.550/	N/A	N/A	N/A
Cenkos Securities plc (213800ALVRC52VN3I821)	33.56%	9.55%			
N+1 Singer (213800ITO7QMNQ9SFG53)	14.81%	6.03%	N/A	N/A	N/A
Peel Hunt (5493007DWN0R4YBM4C84)	9.51%	22.61%	N/A	N/A	N/A
Winterflood Securities Limited (9PDLID6)/1DV2DIG2D0745)					
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745) Finncap (213800DSWHX26RRA1N75)	9.21% 8.03%	52.76% 1.01%	N/A N/A	N/A N/A	N/A N/A

Annual disclosure of information required by MiFID II

Class of Instrument Av Daily Vol Between 10 & 80



Notification if <1 average trade per business in the previous year	Yes				
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 (213800ALVRC52VN3I821) Finncap (213800DSWHX26RRA1N75)	22.24% 17.78%	24.42% 18.60%	N/A N/A	N/A N/A	N/A N/A
Investec Securities (84S0VF8TSMH0T6D4K848) N+1 Singer (213800ITO7QMNQ9SFG53) Berenberg (529900ZKF1P898Z2HD69)	12.04% 8.24% 8.06%	10.47% 4.65% 8.14%	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
Client Type Notification if <1 average trade per business in the previous year	Retail No				
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
Investec Securities (84S0VF8TSMH0T6D4K848) Peel Hunt (5493007DWN0R4YBM4C84) Cenkos Securities plc (213800ALVRC52VN3I821) Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745) N+1 Singer (213800ITO7QMNQ9SFG53)	19.69% 14.64% 12.87% 12.17% 8.01%	3.17% 30.45% 3.49% 51.94% 1.59%	N/A N/A N/A N/A N/A	N/A 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 Av Daily Vol Between 80 & 600



Notification if <1 average trade per business in the previous year	Yes				
		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 (213800P3F4RT97WDSX47)	29.99%	23.40%	N/A	N/A	N/A
Barclays Capital (K9WDOH4D2PYBSLSOB484)	24.73%	25.53%	N/A	N/A	N/A
Investec Securities (84S0VF8TSMH0T6D4K848)	12.83%	17.02%	N/A	N/A	N/A
Jefferies (S5THZMDUJCTQZBTRVI98)	11.28%	6.38%	N/A	N/A	N/A
Peel Hunt (5493007DWN0R4YBM4C84)	9.43%	10.64%	N/A	N/A	N/A
Client Type	Retail				
Notification if <1 average trade per business in the previous year	No				
		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)	31.91%	26.38%	N/A	N/A	N/A
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)	24.82%	63.77%	N/A	N/A	N/A
Numis (213800P3F4RT97WDSX47)	16.82%	4.34%	N/A	N/A	N/A
Investec Securities (84S0VF8TSMH0T6D4K848)	12.44%	2.84%	N/A	N/A	N/A
Barclays Capital (K9WDOH4D2PYBSLSOB484)	4.40%	0.83%	N/A	N/A	N/A

Annual disclosure of information required by MiFID II

Class of Instrument Av Daily Vol Between 600 & 2000



Notification if <1 average trade per business in the previous year	Yes				
		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
Barclays Capital (K9WDOH4D2PYBSLSOB484)	45.58%	46.51%	N/A	N/A	N/A
J P Morgan Cazenove (K6Q0W1PS1L1O4IQL9C32)	15.16%	13.95%	N/A	N/A	N/A
Numis (213800P3F4RT97WDSX47)	12.07%	9.30%	N/A	N/A	N/A
Peel Hunt (5493007DWN0R4YBM4C84)	5.48%	4.65%	N/A	N/A	N/A
Jefferies (S5THZMDUJCTQZBTRVI98)	4.83%	2.33%	N/A	N/A	N/A
Client Type	Retail				
Notification if <1 average trade per business in the previous year	No				
		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)	38.38%	73.16%	N/A	N/A	N/A
Peel Hunt (5493007DWN0R4YBM4C84)	38.30%	21.57%	N/A	N/A	N/A
Numis (213800P3F4RT97WDSX47)	9.17%	2.08%	N/A	N/A	N/A
Jefferies (S5THZMDUJCTQZBTRVI98)	6.45%	0.49%	N/A	N/A	N/A
Barclays Capital (K9WDOH4D2PYBSLSOB484)	4.71%	1.84%	N/A	N/A	N/A

Annual disclosure of information required by MiFID II

Class of Instrument Av Daily Vol Between 2000 & 9000



Notification if <1 average trade per business in the previous year	Yes				
		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)	39.80%	40.35%	N/A	N/A	N/A
Zeus Capital (213800F6CHS1SEYK1842)	16.07%	15.79%	N/A	N/A	N/A
Barclays Capital (K9WDOH4D2PYBSLSOB484)	14.85%	12.28%	N/A	N/A	N/A
J P Morgan Cazenove (K6Q0W1PS1L1O4IQL9C32)	9.11%	5.26%	N/A	N/A	N/A
Numis (213800P3F4RT97WDSX47)	7.39%	5.26%	N/A	N/A	N/A
Client Type	Retail				
Notification if <1 average trade per business in the previous year	No				
	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
Peel Hunt (5493007DWN0R4YBM4C84)	51.09%	16.33%	N/A	N/A	N/A
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)	40.25%	81.74%	N/A	N/A	N/A
Barclays Capital (K9WDOH4D2PYBSLSOB484)	2.50%	0.57%	N/A	N/A	N/A
Investec Securities (84S0VF8TSMH0T6D4K848)	2.22%	0.40%	N/A	N/A	N/A
,	1.45%	0.40%	N/A N/A	N/A	N/A
Zeus Capital (213800F6CHS1SEYK1842)	1.45%	0.34%	IN/A	IN/A	IN/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	Yes				
		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)	64.94%	51.61%	N/A	N/A	N/A
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)	19.57%	32.26%	N/A	N/A	N/A
Zeus Capital (213800F6CHS1SEYK1842)	10.67%	9.68%	N/A	N/A	N/A
Barclays Capital (K9WDOH4D2PYBSLSOB484)	4.81%	6.45%	N/A	N/A	N/A
Client Type	Retail				
Notification if <1 average trade per business in the previous year	No				
		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)	48.97%	80.73%	N/A	N/A	N/A
Peel Hunt (5493007DWN0R4YBM4C84)	39.92%	17.94%	N/A	N/A	N/A
Investec Securities (84S0VF8TSMH0T6D4K848)	4.85%	0.47%	N/A	N/A	N/A
Numis (213800P3F4RT97WDSX47)	3.14%	0.31%	N/A	N/A	N/A
Barclays Capital (K9WDOH4D2PYBSLSOB484)	2.52%	0.31%	N/A	N/A	N/A
Dardays Capital (NSVVDOLITDZL 1 DOLOOD404)	2.32 /0	0.5176	IN/A	IN/A	IN/A

Annual disclosure of information required by MiFID II

Class of Instrument Debt Instruments



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

Annual disclosure of information required by MiFID II

Class of Instrument



R.C. BROWN

investment management plc

Notification if <1 average trade per business in the previous year	Yes				
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
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	No				
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
Winterflood Securities Limited (8BRUP6V1DX3PIG2R0745)	91.51%	96.06%	N/A	N/A	N/A
Peel Hunt (5493007DWN0R4YBM4C84)	8.49%	3.94%	N/A	N/A	N/A